

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021311.D
 Acq On : 25 Feb 2025 13:26
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:44:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	188363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	293434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	130546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	41320	19.337	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.680%#		
35) Dibromofluoromethane	7.634	113	37265	19.371	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.740%#		
50) Toluene-d8	10.103	98	144409	19.423	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.840%#		
62) 4-Bromofluorobenzene	12.408	95	47417	18.950	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	32511	18.204	ug/l	96
3) Chloromethane	2.068	50	42633	18.484	ug/l	97
4) Vinyl Chloride	2.202	62	41719	18.429	ug/l	100
5) Bromomethane	2.586	94	27198	18.079	ug/l	98
6) Chloroethane	2.726	64	26161	18.635	ug/l	99
7) Trichlorofluoromethane	3.056	101	63170	18.477	ug/l	95
8) Diethyl Ether	3.452	74	19564	19.066	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	37017	18.701	ug/l	99
10) Methyl Iodide	4.001	142	36945	17.741	ug/l	99
11) Tert butyl alcohol	4.860	59	15935	96.952	ug/l	96
12) 1,1-Dichloroethene	3.787	96	34827	18.376	ug/l	98
13) Acrolein	3.647	56	22079	175.300	ug/l	100
14) Allyl chloride	4.379	41	61887	18.417	ug/l	98
15) Acrylonitrile	5.061	53	43763	96.460	ug/l	99
16) Acetone	3.866	43	35506	86.623	ug/l	96
17) Carbon Disulfide	4.104	76	116030	18.437	ug/l	99
18) Methyl Acetate	4.379	43	19534	19.500	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	95488	19.069	ug/l	97
20) Methylene Chloride	4.616	84	40630	18.331	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	38218	18.317	ug/l	98
22) Diisopropyl ether	6.019	45	132039	18.989	ug/l	97
23) Vinyl Acetate	5.958	43	393629	94.730	ug/l	99
24) 1,1-Dichloroethane	5.909	63	72428	18.480	ug/l	99
25) 2-Butanone	6.890	43	58941	95.278	ug/l	98
26) 2,2-Dichloropropane	6.884	77	63686	17.908	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	44297	18.592	ug/l	98
28) Bromochloromethane	7.244	49	32987	19.022	ug/l	99
29) Tetrahydrofuran	7.256	42	39775	98.365	ug/l	98
30) Chloroform	7.421	83	73639	18.543	ug/l	96
31) Cyclohexane	7.701	56	68531	18.191	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	67011	18.538	ug/l	98
36) 1,1-Dichloropropene	7.835	75	53995	18.685	ug/l	100
37) Ethyl Acetate	6.982	43	27188	18.914	ug/l	98
38) Carbon Tetrachloride	7.817	117	59733	18.387	ug/l	98
39) Methylcyclohexane	9.103	83	68516	18.746	ug/l	98
40) Benzene	8.079	78	159536	18.676	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	14108	17.554	ug/l	92
42) 1,2-Dichloroethane	8.152	62	46152	19.043	ug/l	99
43) Isopropyl Acetate	8.195	43	54484	19.583	ug/l	98
44) Trichloroethene	8.866	130	40005	18.706	ug/l	93
45) 1,2-Dichloropropane	9.140	63	38611	18.782	ug/l	100
46) Dibromomethane	9.231	93	21421	19.063	ug/l	99
47) Bromodichloromethane	9.420	83	56033	18.701	ug/l	98
48) Methyl methacrylate	9.219	41	24461	18.801	ug/l	97
49) 1,4-Dioxane	9.225	88	5308	424.825	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	140187	98.430	ug/l	100
52) Toluene	10.170	92	100050	18.854	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	50957	18.563	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	61967	19.122	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	27942	19.088	ug/l	99
56) Ethyl methacrylate	10.438	69	36997	18.291	ug/l	95
57) 1,3-Dichloropropane	10.713	76	49499	19.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	93377	96.179	ug/l	100
59) 2-Hexanone	10.762	43	90882	97.163	ug/l	100
60) Dibromochloromethane	10.908	129	37808	18.964	ug/l	99
61) 1,2-Dibromoethane	11.012	107	26519	19.135	ug/l	99
64) Tetrachloroethene	10.646	164	36387	18.595	ug/l	97
65) Chlorobenzene	11.438	112	107621	18.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	37487	18.422	ug/l	99
67) Ethyl Benzene	11.518	91	189052	18.366	ug/l	99
68) m/p-Xylenes	11.627	106	144073	37.210	ug/l	99
69) o-Xylene	11.950	106	67060	18.488	ug/l	100
70) Styrene	11.969	104	113033	18.729	ug/l	99
71) Bromoform	12.133	173	21886	18.800	ug/l #	99
73) Isopropylbenzene	12.255	105	179489	18.288	ug/l	99
74) N-amyl acetate	12.072	43	47224	18.930	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	32419	18.717	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	23402m	17.801	ug/l	
77) Bromobenzene	12.530	156	42078	18.433	ug/l	99
78) n-propylbenzene	12.597	91	220158	18.486	ug/l	100
79) 2-Chlorotoluene	12.676	91	125969	18.430	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	150004	18.635	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10866	18.483	ug/l	99
82) 4-Chlorotoluene	12.780	91	130335	18.396	ug/l	100
83) tert-Butylbenzene	12.999	119	135829	18.681	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	149358	18.657	ug/l	99
85) sec-Butylbenzene	13.176	105	196335	18.486	ug/l	100
86) p-Isopropyltoluene	13.292	119	165127	18.620	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	83463	18.483	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	83179	18.646	ug/l	99
89) n-Butylbenzene	13.615	91	153032	18.337	ug/l	100
90) Hexachloroethane	13.877	117	33341	17.998	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	73513	18.581	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5181	18.908	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	42908	17.770	ug/l	99
94) Hexachlorobutadiene	15.023	225	27015	17.771	ug/l	99
95) Naphthalene	15.145	128	71044	17.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	36460	17.871	ug/l	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

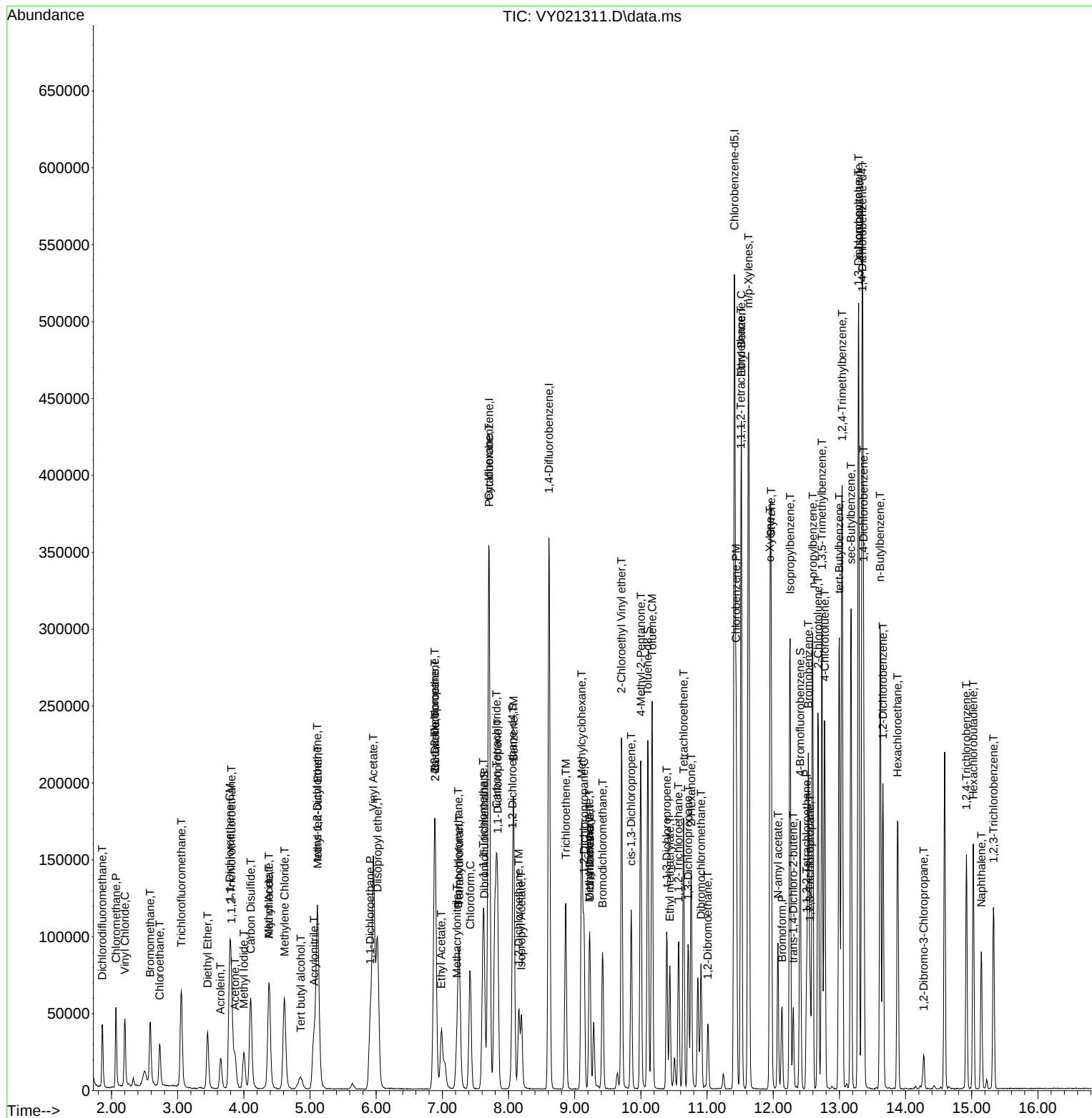
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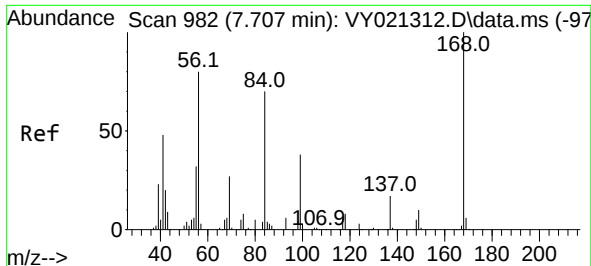
Instrument :
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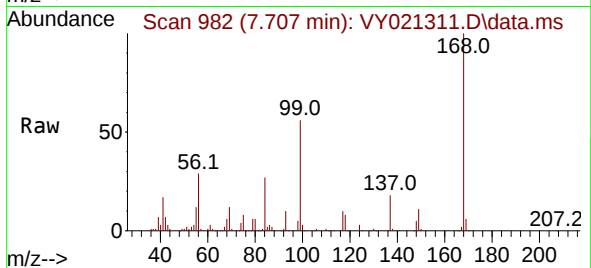
Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

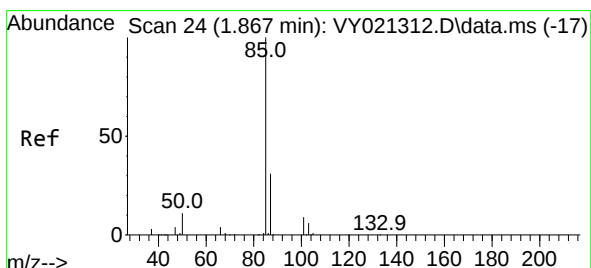
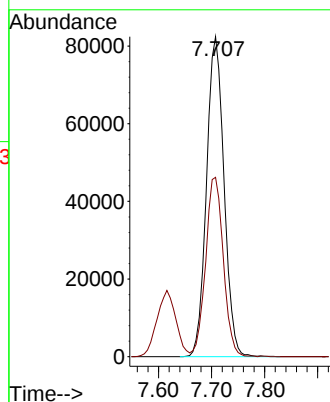
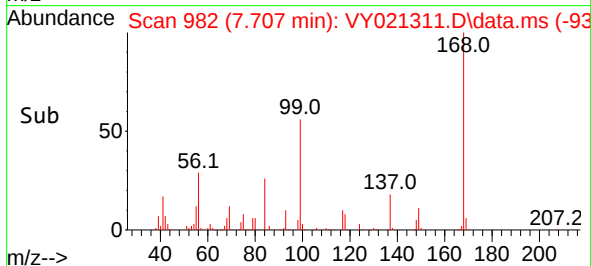
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MSVOA_Y
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VSTDICC020



Tgt Ion:168 Resp: 18836
Ion Ratio Lower Upper
168 100
99 56.0 47.1 70.7

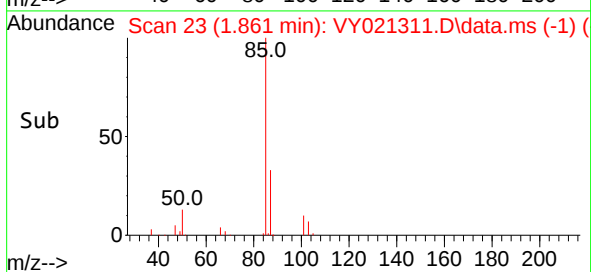
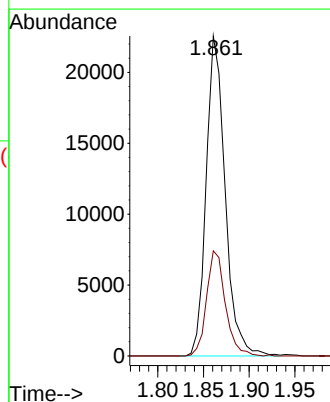
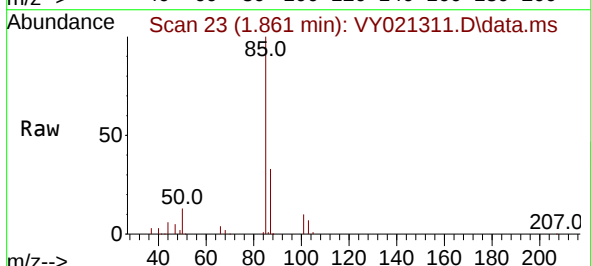
Manual Integrations
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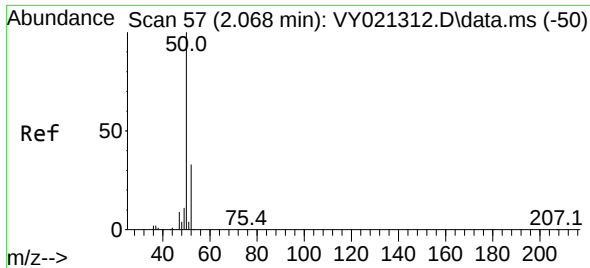
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#2
Dichlorodifluoromethane
Concen: 18.204 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

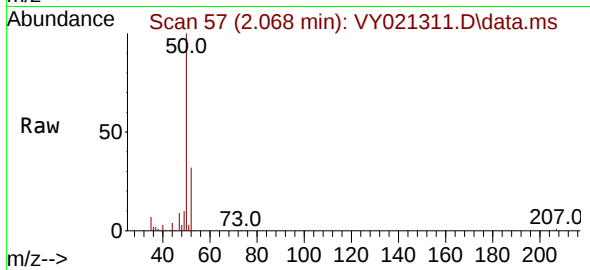
Tgt Ion: 85 Resp: 32511
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.4





#3
Chloromethane
Concen: 18.484 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

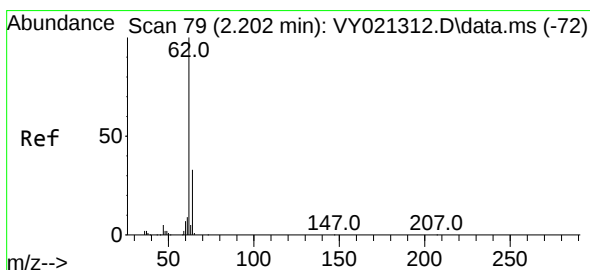
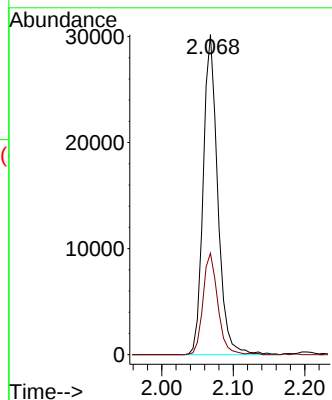
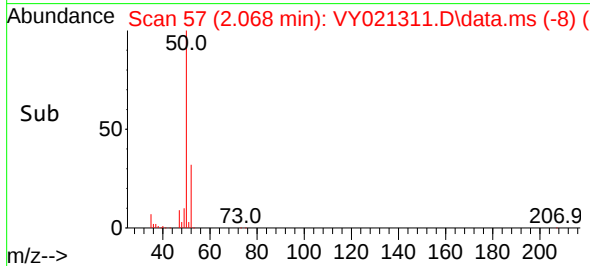
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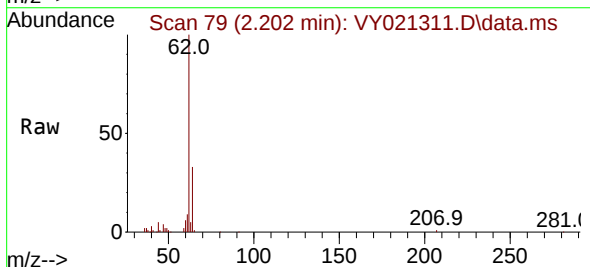
Tgt Ion: 50 Resp: 4263
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0

Manual Integrations
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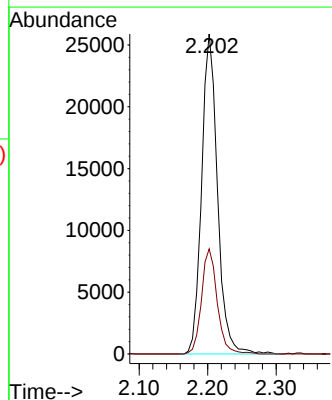
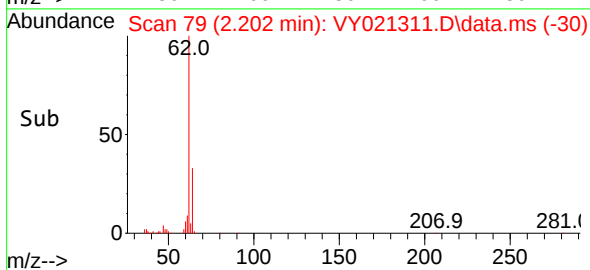
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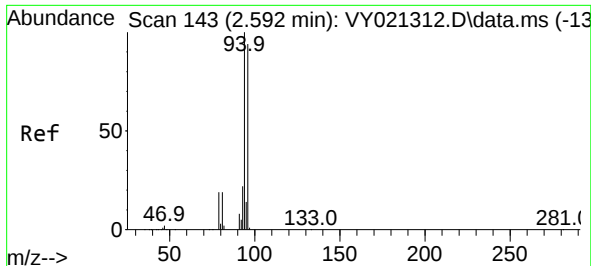


#4
Vinyl Chloride
Concen: 18.429 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



Tgt Ion: 62 Resp: 41719
Ion Ratio Lower Upper
62 100
64 32.8 26.3 39.5





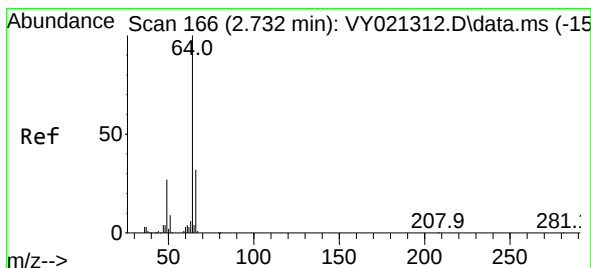
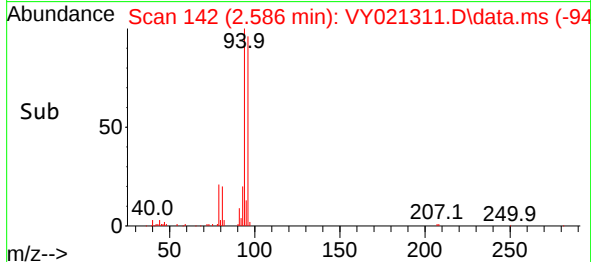
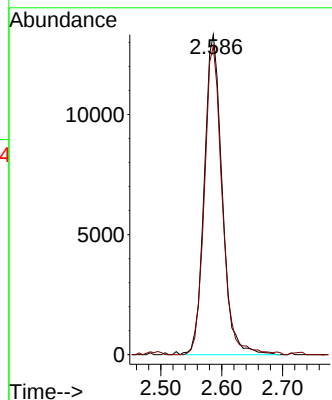
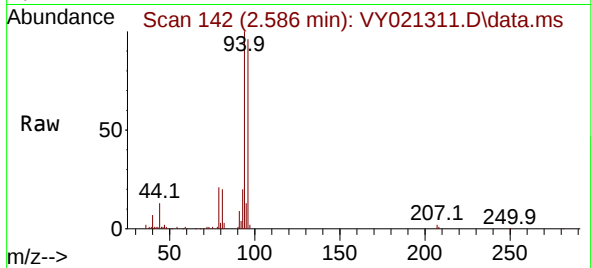
#5
Bromomethane
Concen: 18.079 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021311.D
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Tgt Ion: 94 Resp: 27198
Ion Ratio Lower Upper
94 100
96 96.3 75.2 112.8

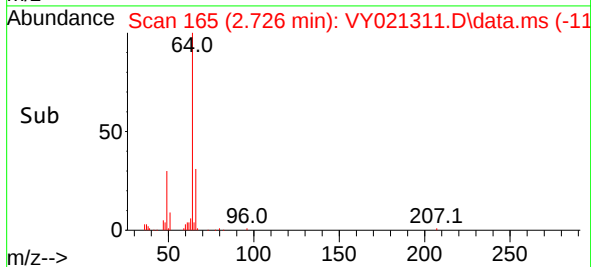
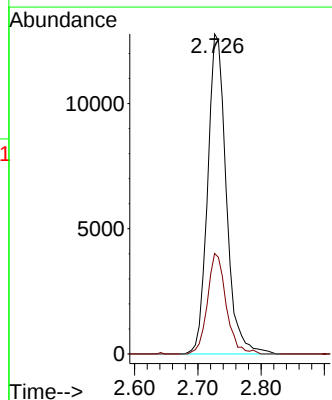
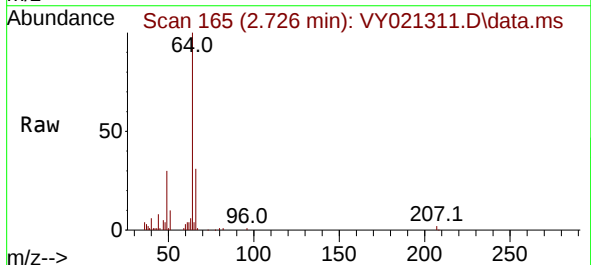
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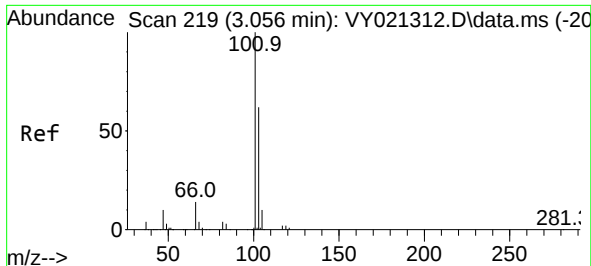
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#6
Chloroethane
Concen: 18.635 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

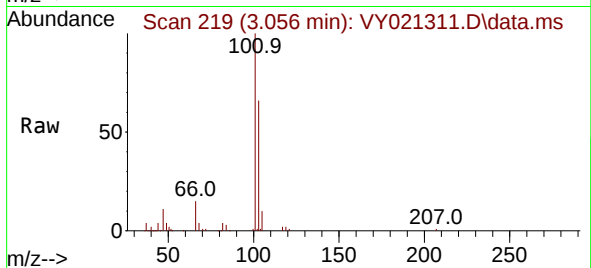
Tgt Ion: 64 Resp: 26161
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 18.477 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021311.D
 Acq: 25 Feb 2025 13:26

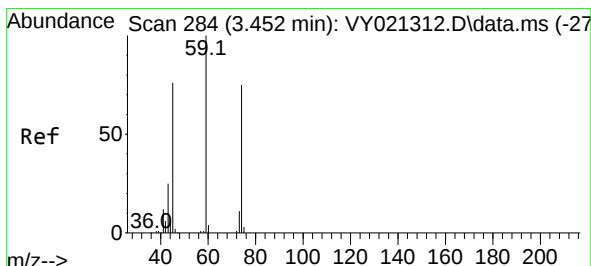
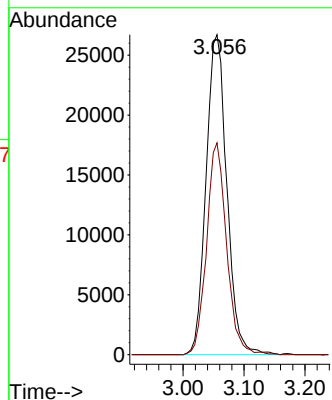
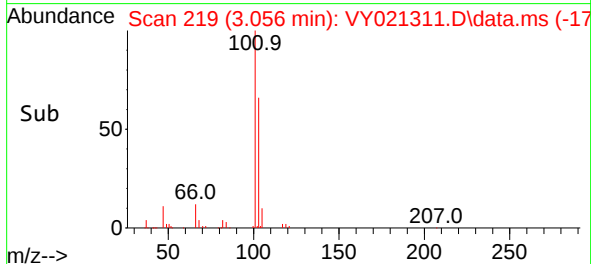
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Tgt Ion:101 Resp: 63170
 Ion Ratio Lower Upper
 101 100
 103 66.2 49.7 74.5

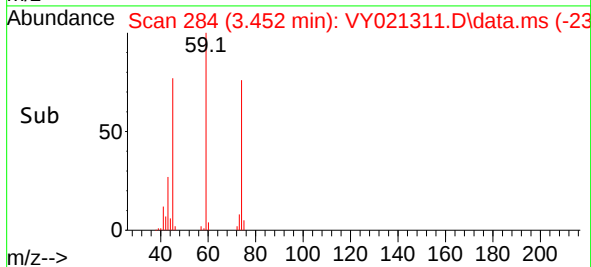
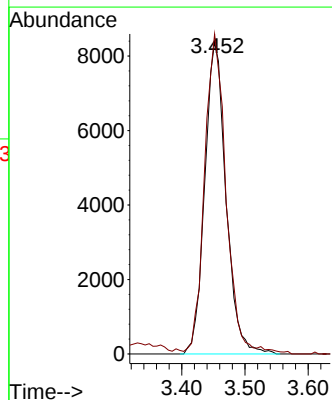
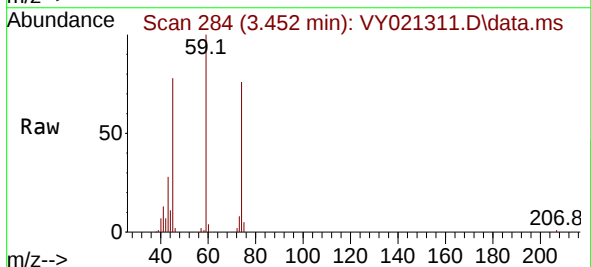
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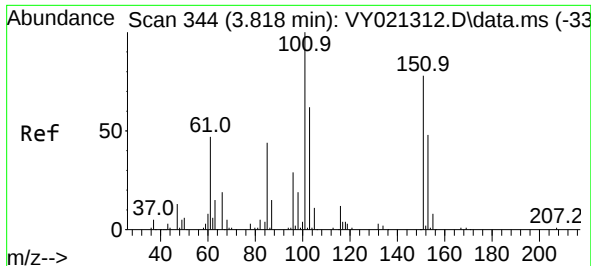
Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#8
 Diethyl Ether
 Concen: 19.066 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021311.D
 Acq: 25 Feb 2025 13:26

Tgt Ion: 74 Resp: 19564
 Ion Ratio Lower Upper
 74 100
 45 104.3 50.3 150.9





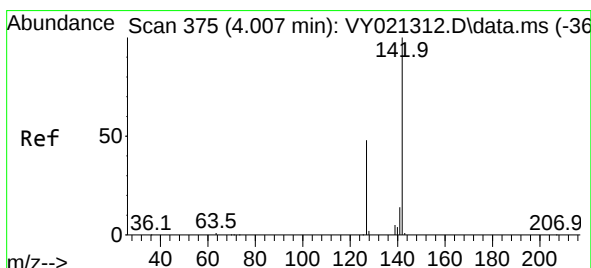
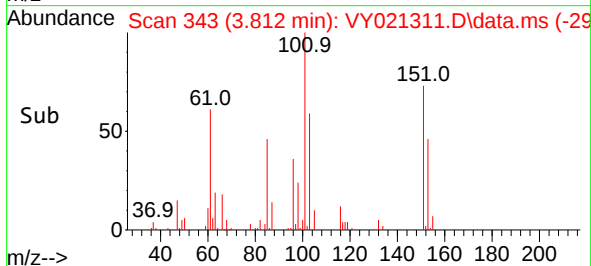
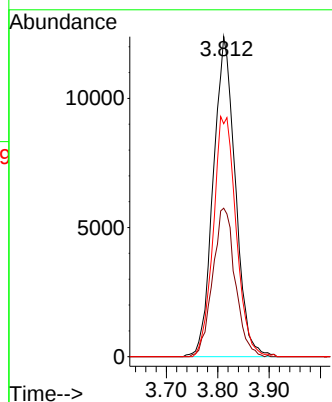
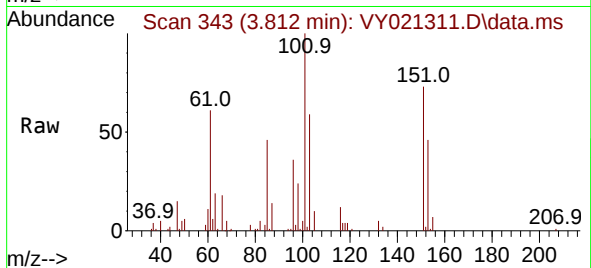
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.701 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3701
Ion Ratio Lower Upper
101 100
85 47.3 36.7 55.1
151 77.8 62.6 94.0

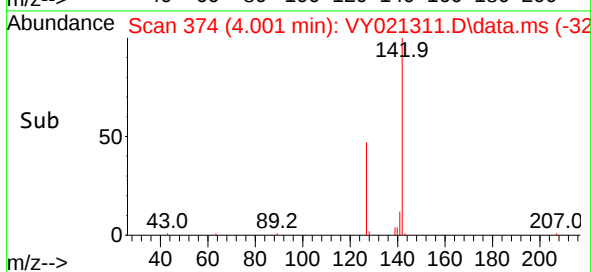
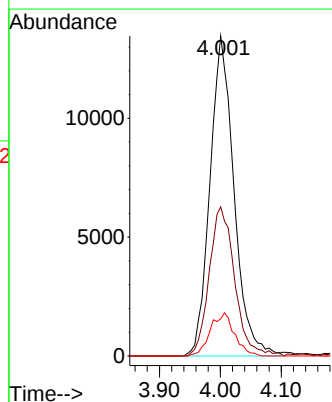
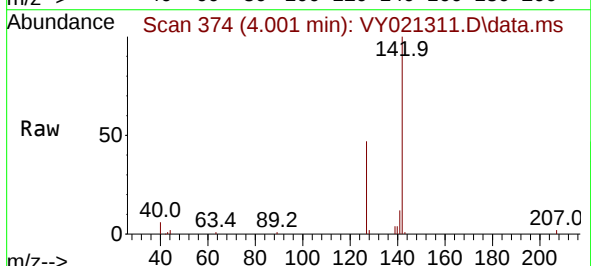
Manual Integrations
APPROVED

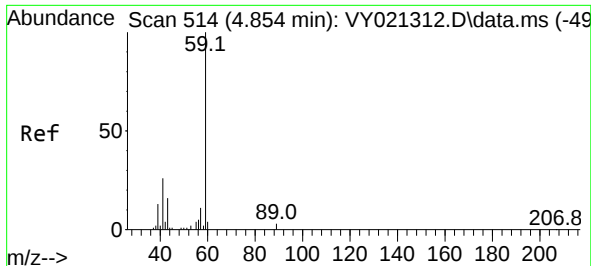
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#10
Methyl Iodide
Concen: 17.741 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

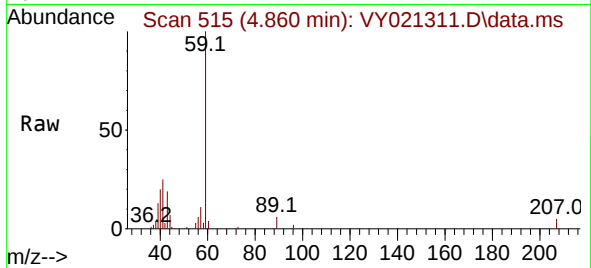
Tgt Ion:142 Resp: 36945
Ion Ratio Lower Upper
142 100
127 49.1 39.2 58.8
141 13.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 96.952 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

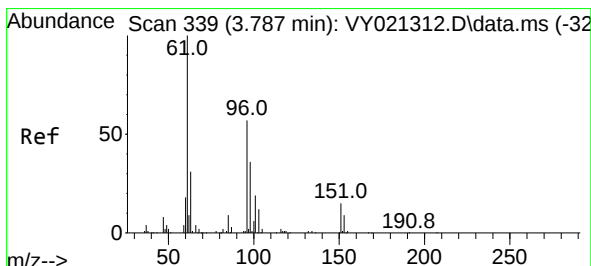
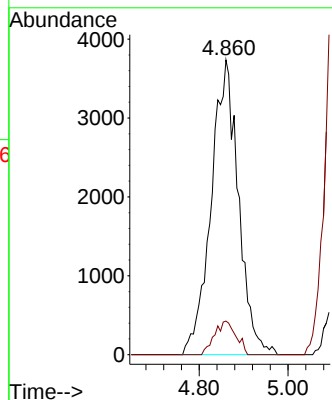
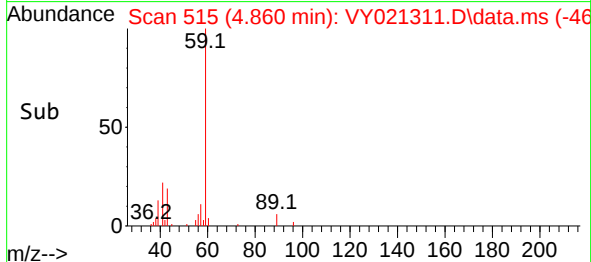
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 1593
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5

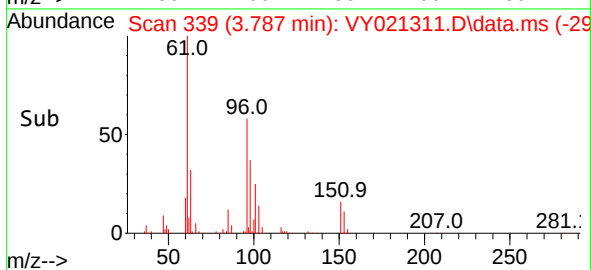
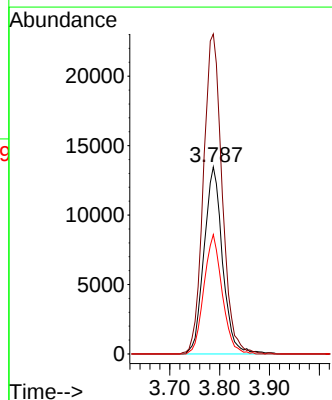
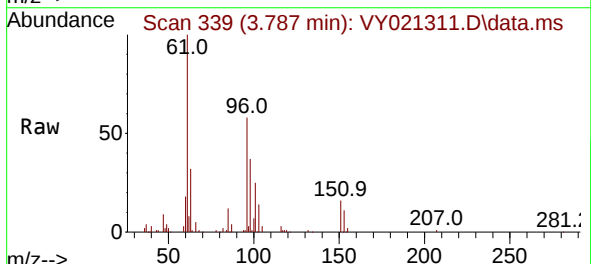
Manual Integrations
APPROVED

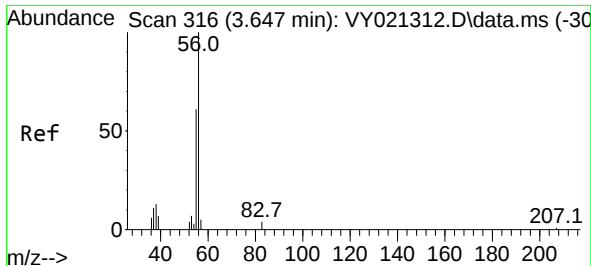
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#12
1,1-Dichloroethene
Concen: 18.376 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

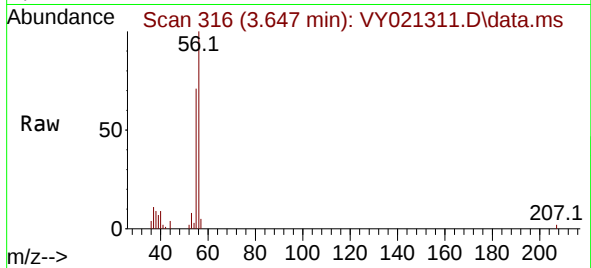
Tgt Ion: 96 Resp: 34827
Ion Ratio Lower Upper
96 100
61 171.1 139.7 209.5
98 63.8 49.7 74.5





#13
Acrolein
Concen: 175.300 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

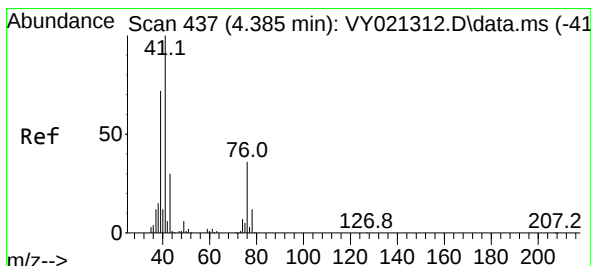
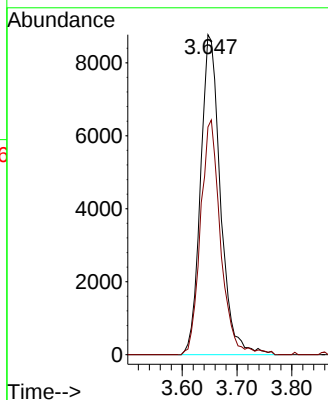
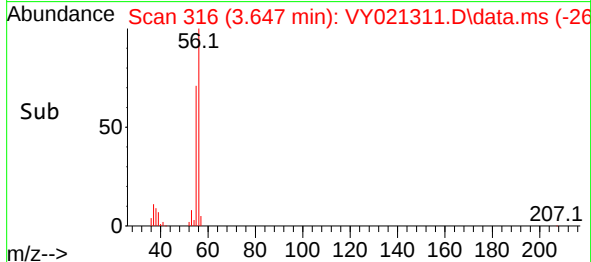
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



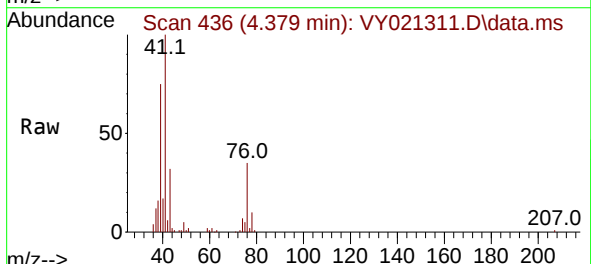
Tgt Ion: 56 Resp: 22079
Ion Ratio Lower Upper
56 100
55 74.0 59.0 88.6

Manual Integrations
APPROVED

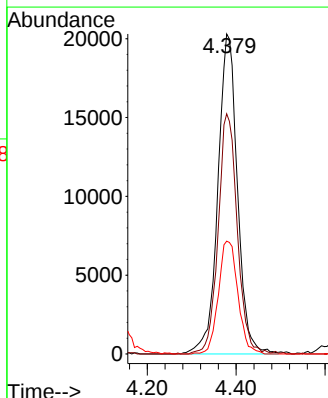
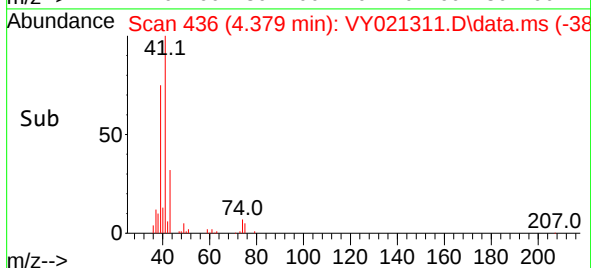
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

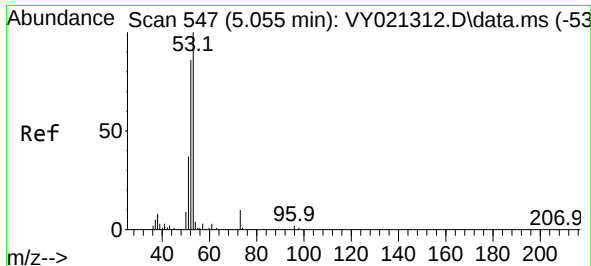


#14
Allyl chloride
Concen: 18.417 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



Tgt Ion: 41 Resp: 61887
Ion Ratio Lower Upper
41 100
39 73.3 60.0 90.0
76 35.2 29.0 43.6





#15

Acrylonitrile

Concen: 96.460 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

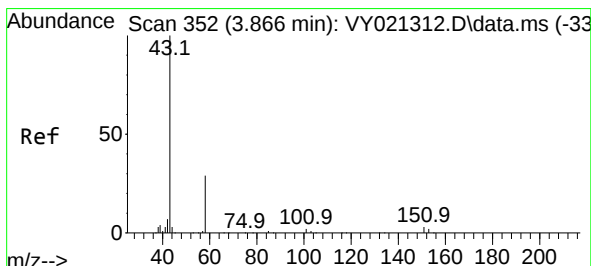
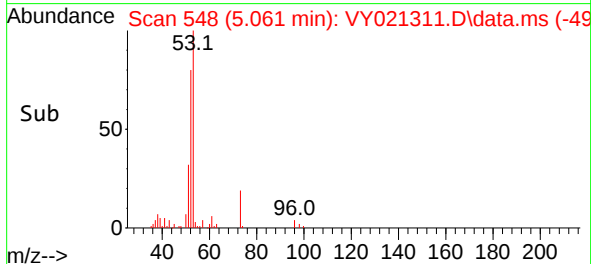
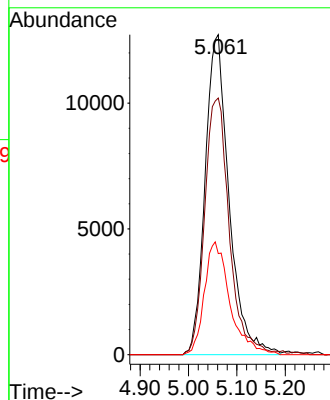
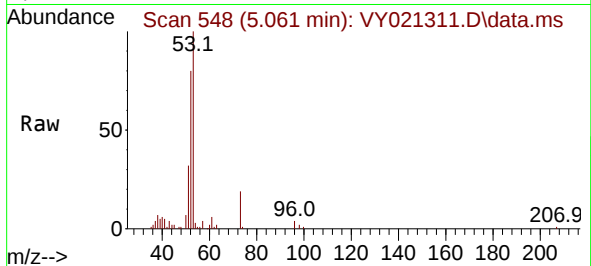
VSTDICC020

Tgt Ion: 53	Resp: 4376
Ion Ratio	Lower Upper
53 100	
52 82.3	65.5 98.3
51 37.8	30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#16

Acetone

Concen: 86.623 ug/l

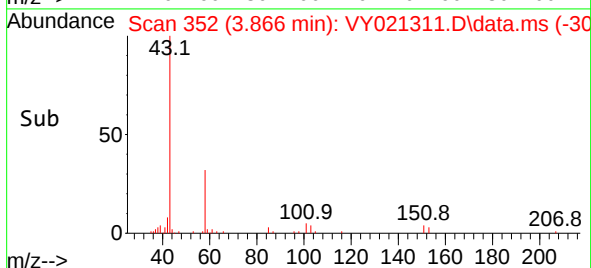
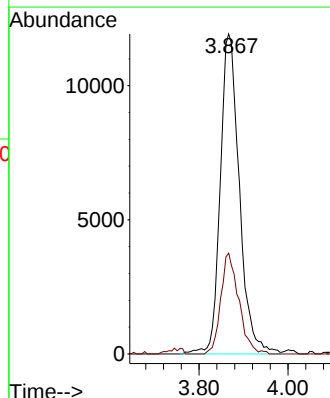
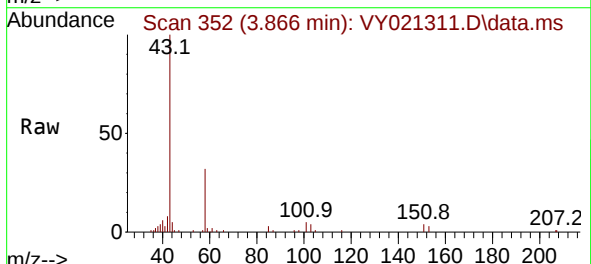
RT: 3.866 min Scan# 352

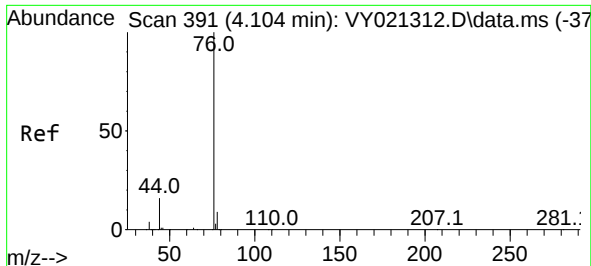
Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

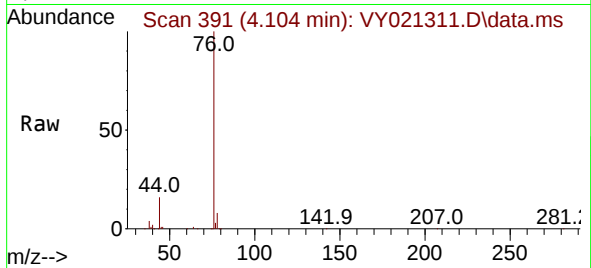
Tgt Ion: 43	Resp: 35506
Ion Ratio	Lower Upper
43 100	
58 31.5	23.5 35.3





#17
Carbon Disulfide
Concen: 18.437 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

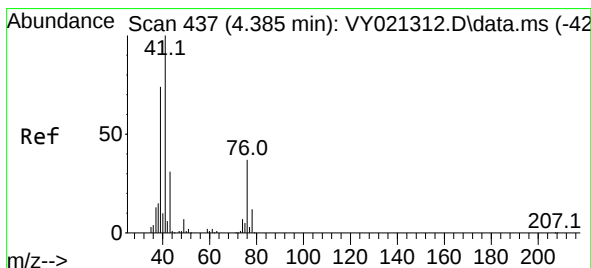
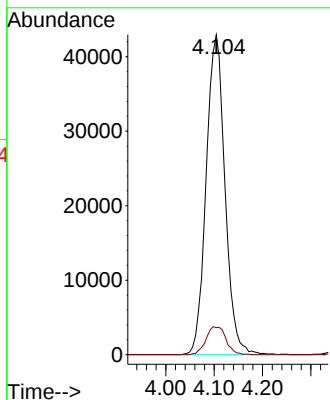
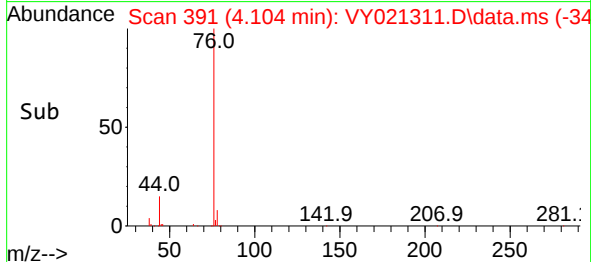
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



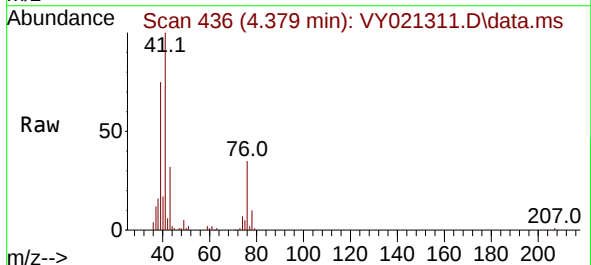
Tgt Ion: 76 Resp: 116030
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

Manual Integrations
APPROVED

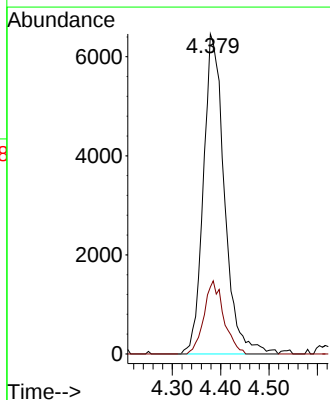
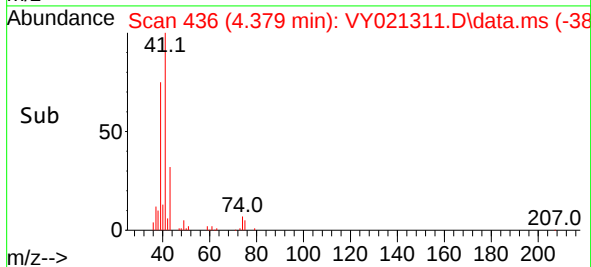
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

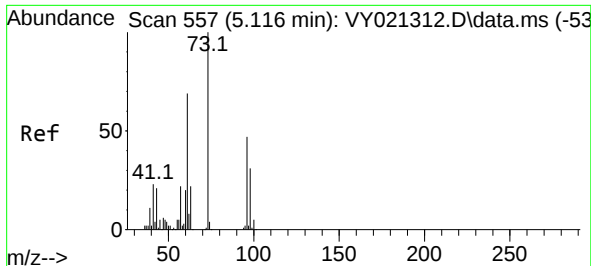


#18
Methyl Acetate
Concen: 19.500 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



Tgt Ion: 43 Resp: 19534
Ion Ratio Lower Upper
43 100
74 21.4 17.7 26.5





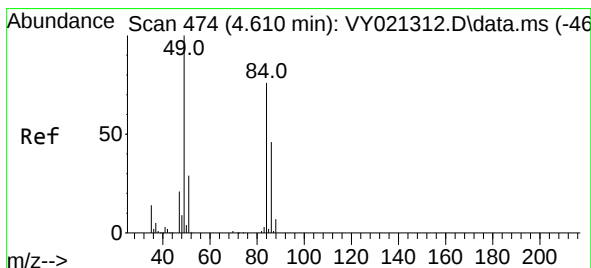
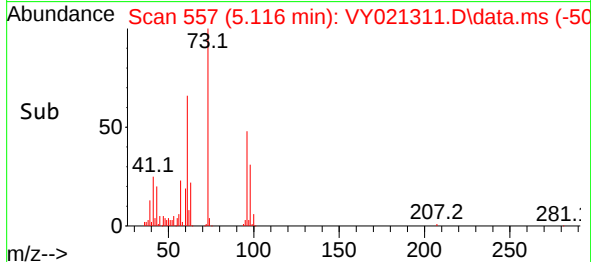
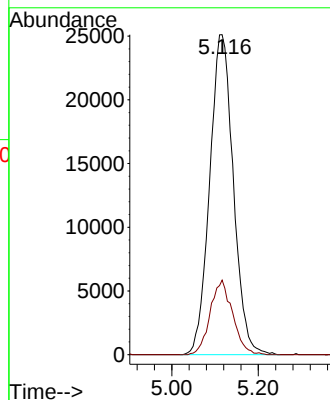
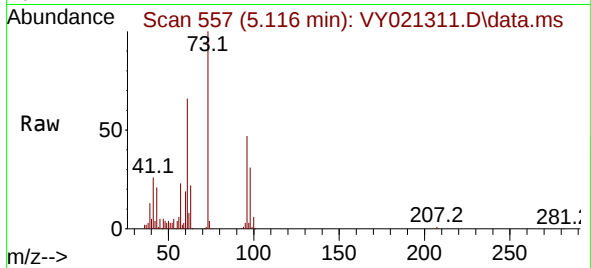
#19
Methyl tert-butyl Ether
Concen: 19.069 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 9548
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.0

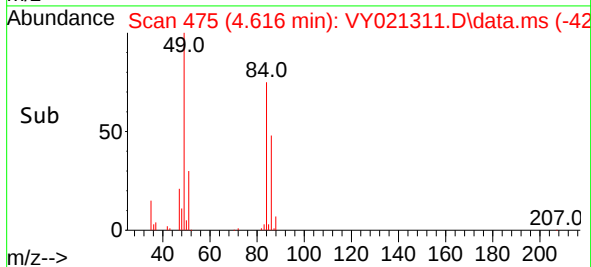
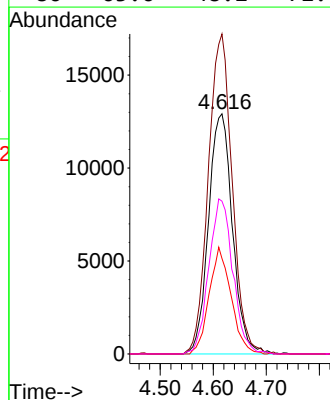
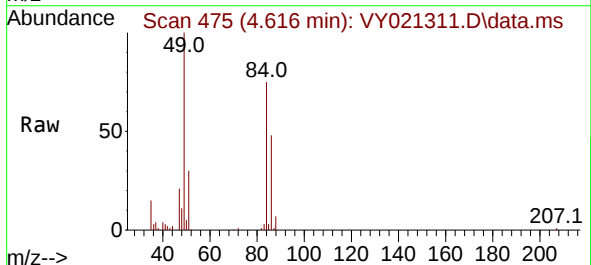
Manual Integrations
APPROVED

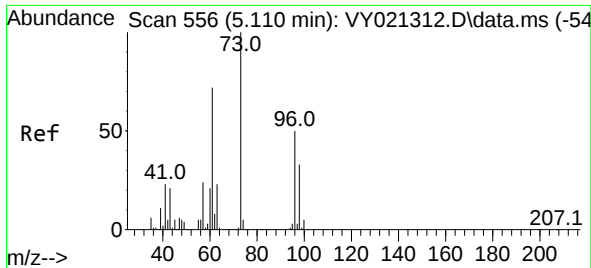
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#20
Methylene Chloride
Concen: 18.331 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

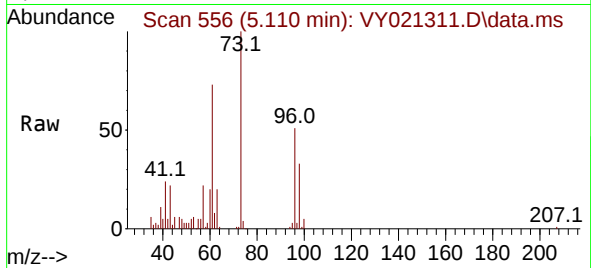
Tgt Ion: 84 Resp: 40630
Ion Ratio Lower Upper
84 100
49 133.3 105.1 157.7
51 39.8 31.0 46.4
86 63.6 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 18.317 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

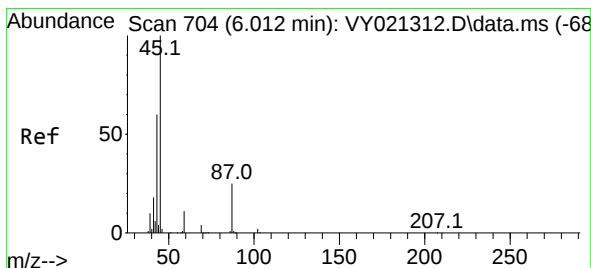
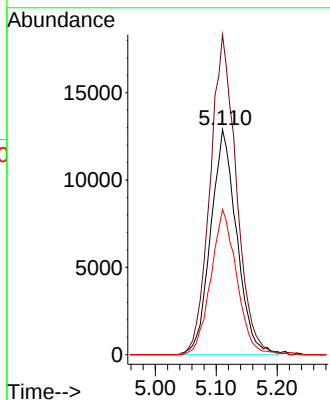
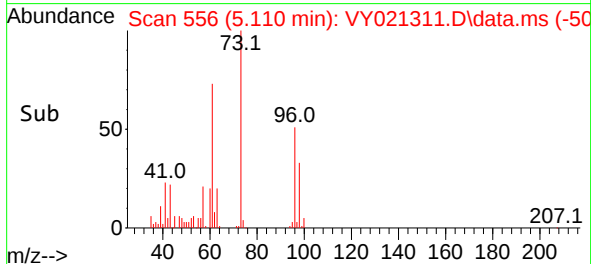
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



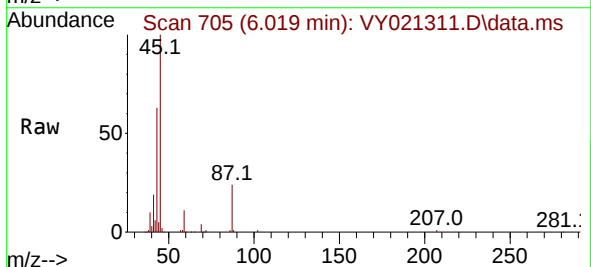
Tgt Ion: 96 Resp: 38218
Ion Ratio Lower Upper
96 100
61 142.1 116.3 174.5
98 64.5 52.6 78.8

Manual Integrations
APPROVED

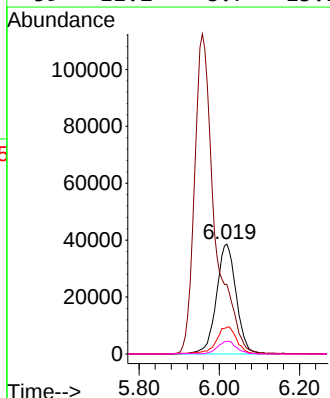
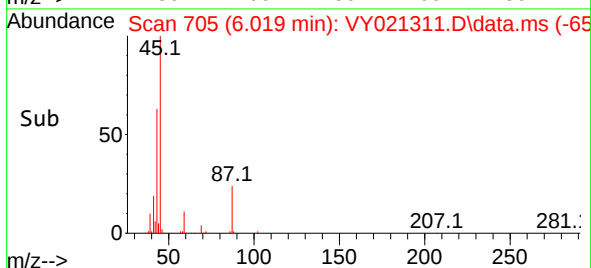
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

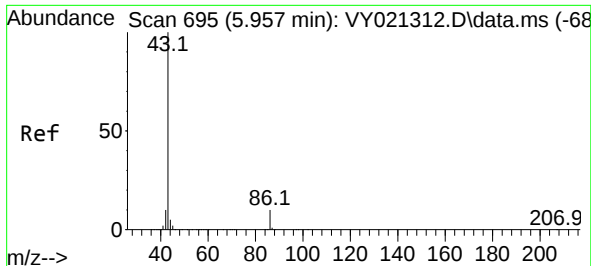


#22
Diisopropyl ether
Concen: 18.989 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



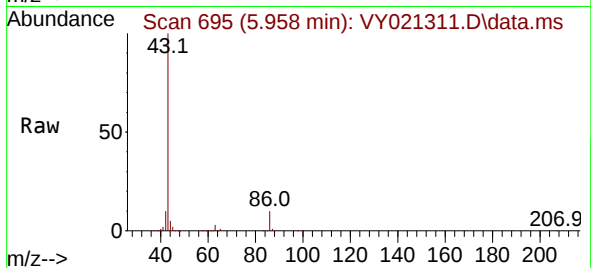
Tgt Ion: 45 Resp: 132039
Ion Ratio Lower Upper
45 100
43 62.7 48.2 72.4
87 24.1 20.3 30.5
59 11.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 94.730 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021311.D
 Acq: 25 Feb 2025 13:26

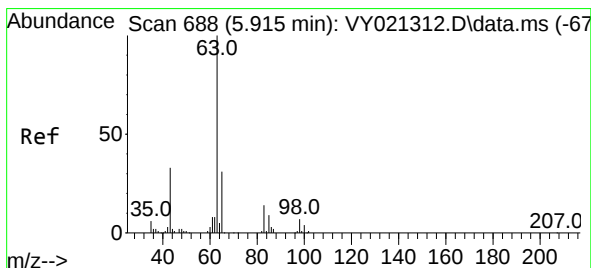
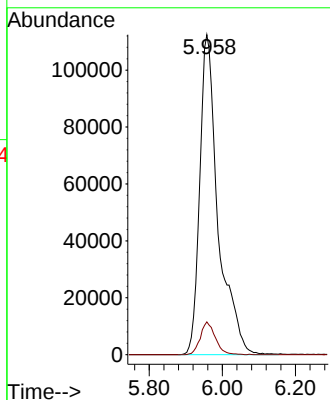
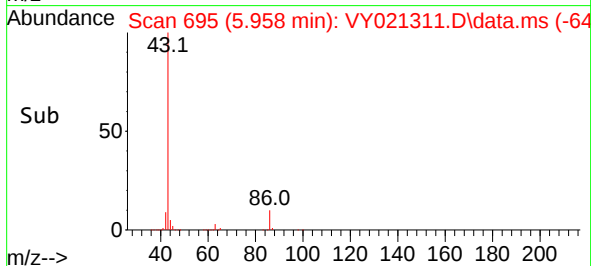
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



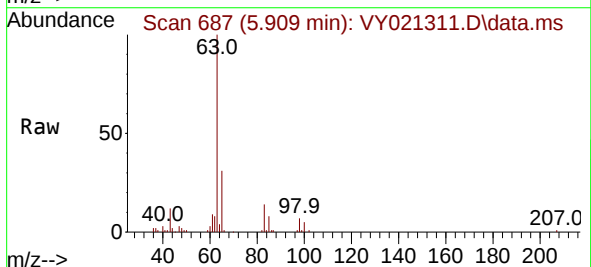
Tgt Ion: 43 Resp: 393629
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0

Manual Integrations
 APPROVED

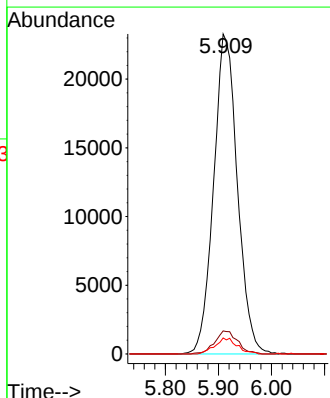
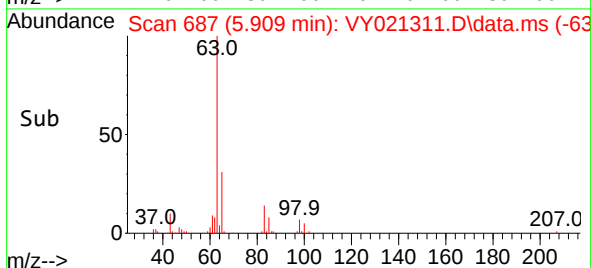
Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

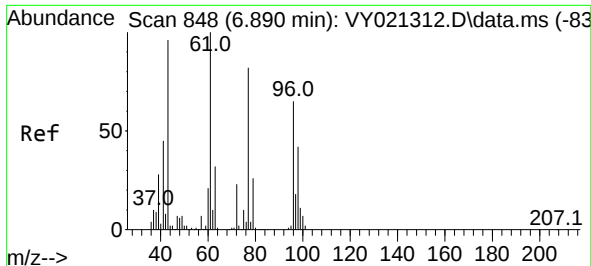


#24
 1,1-Dichloroethane
 Concen: 18.480 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021311.D
 Acq: 25 Feb 2025 13:26



Tgt Ion: 63 Resp: 72428
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 5.0 2.1 6.5





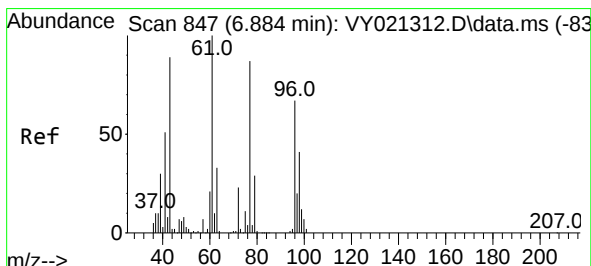
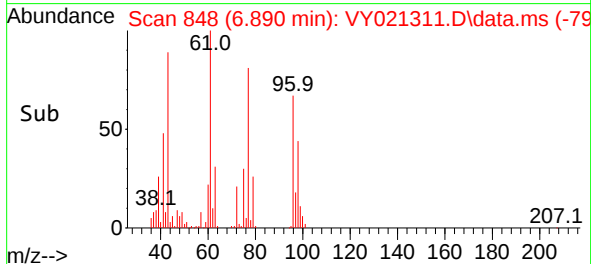
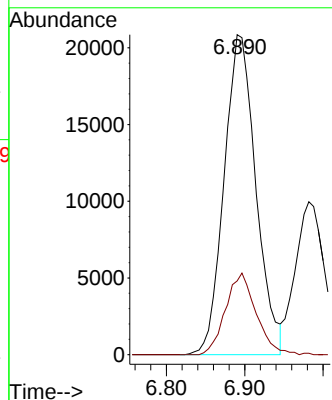
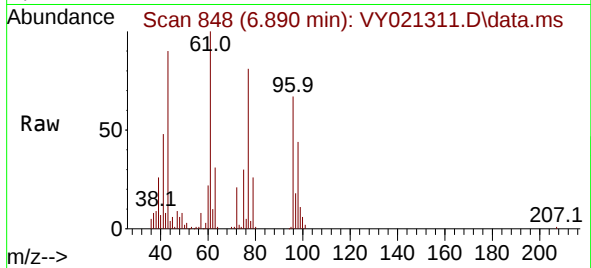
#25
2-Butanone
Concen: 95.278 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 5894
Ion Ratio Lower Upper
43 100
72 23.0 19.0 28.6

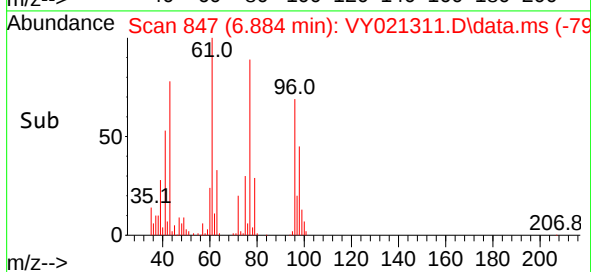
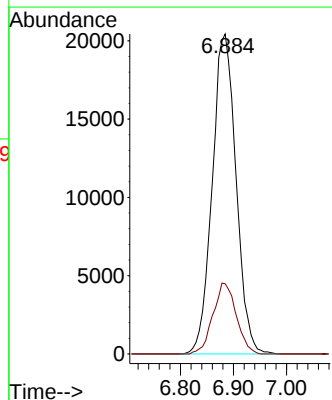
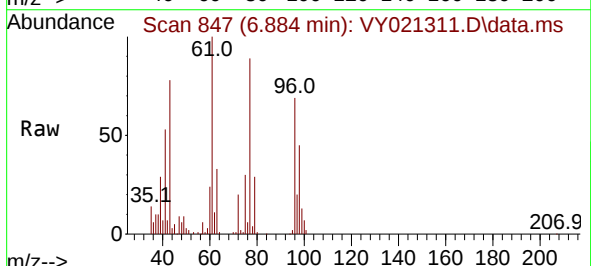
Manual Integrations
APPROVED

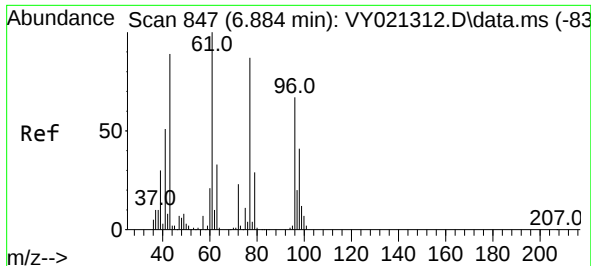
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#26
2,2-Dichloropropane
Concen: 17.908 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 77 Resp: 63686
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7





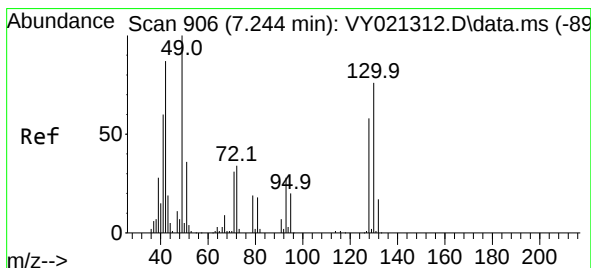
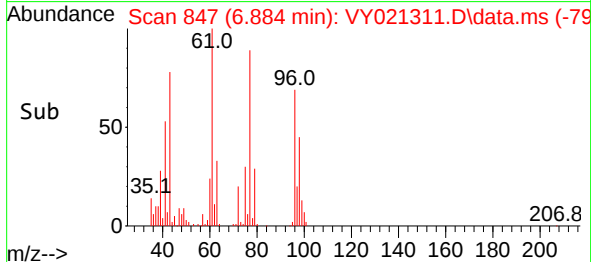
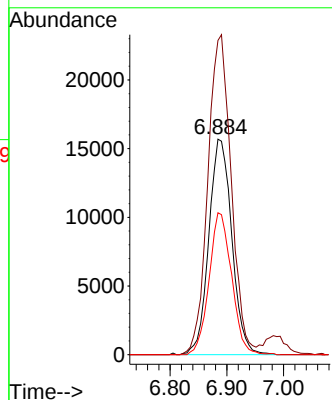
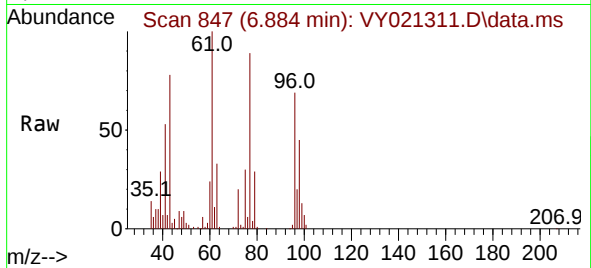
#27
 cis-1,2-Dichloroethene
 Concen: 18.592 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY021311.D
 Acq: 25 Feb 2025 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 4429
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 308.0
 98 64.3 0.0 129.6

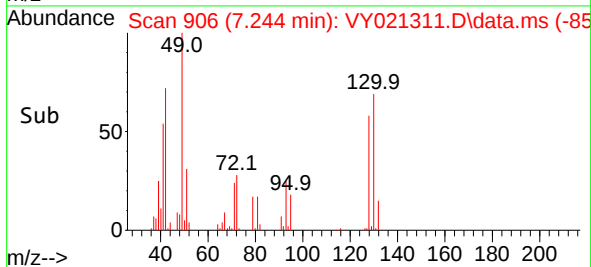
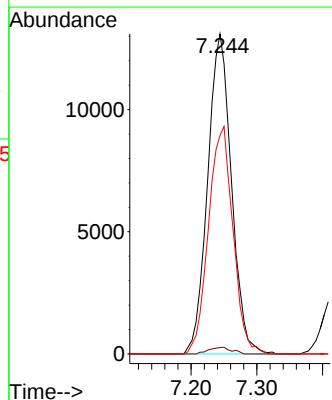
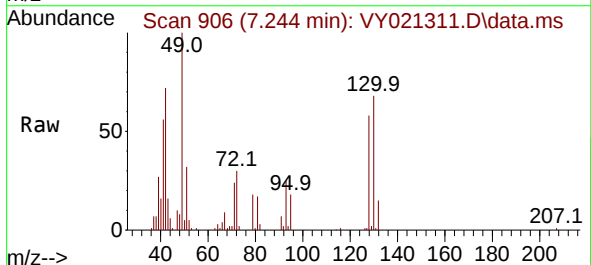
Manual Integrations
 APPROVED

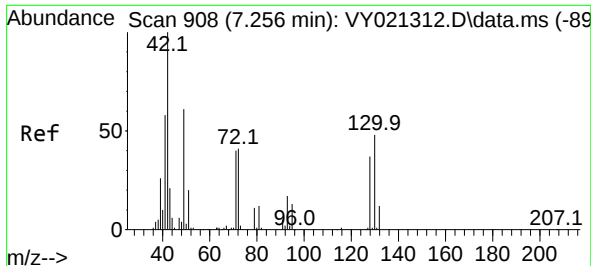
Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#28
 Bromochloromethane
 Concen: 19.022 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021311.D
 Acq: 25 Feb 2025 13:26

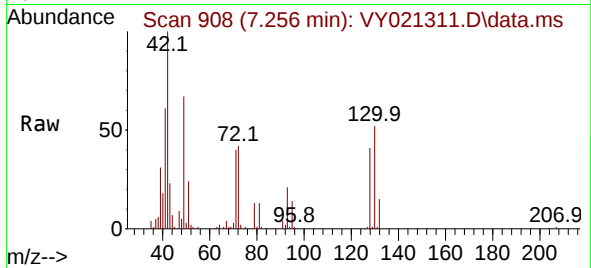
Tgt Ion: 49 Resp: 32987
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 73.2 57.8 86.6





#29
Tetrahydrofuran
Concen: 98.365 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

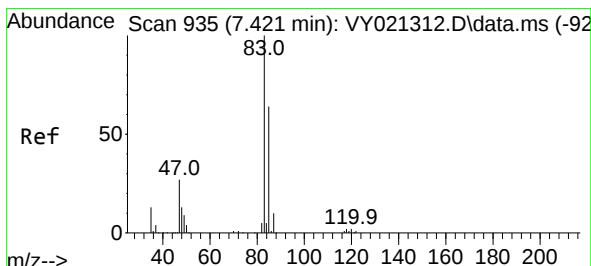
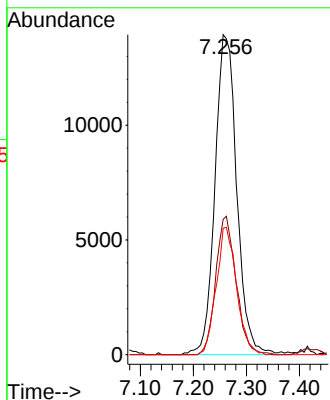
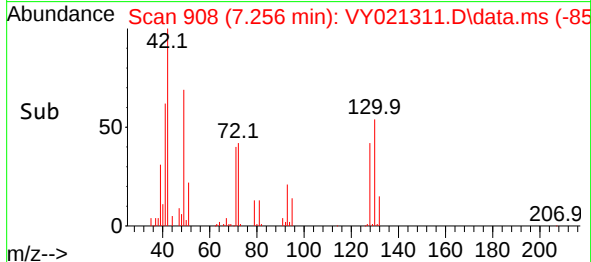
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



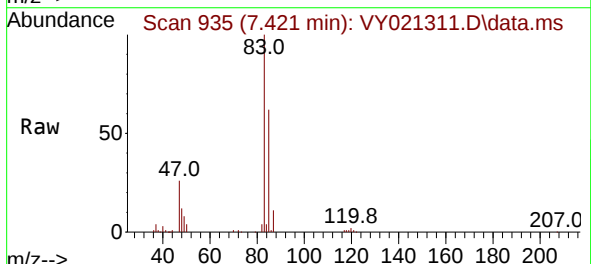
Tgt Ion: 42 Resp: 39775
Ion Ratio Lower Upper
42 100
72 40.4 33.1 49.7
71 37.2 31.4 47.0

Manual Integrations
APPROVED

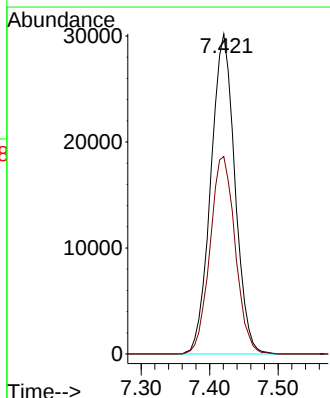
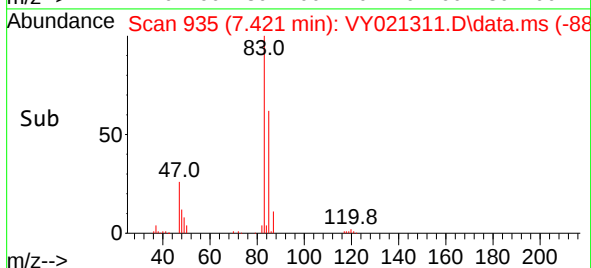
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

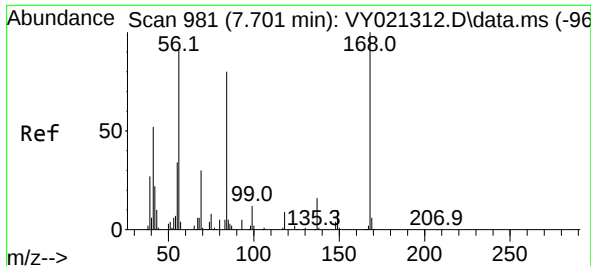


#30
Chloroform
Concen: 18.543 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



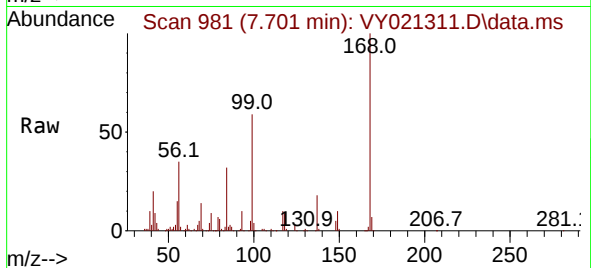
Tgt Ion: 83 Resp: 73639
Ion Ratio Lower Upper
83 100
85 61.7 51.6 77.4





#31
Cyclohexane
Concen: 18.191 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

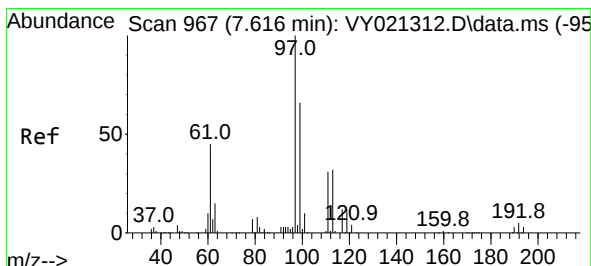
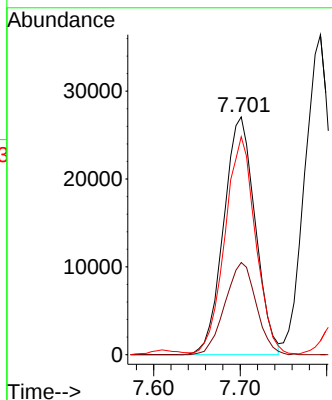
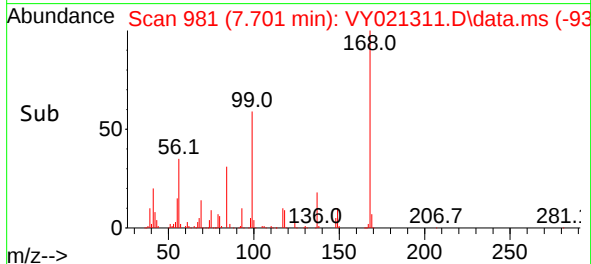
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



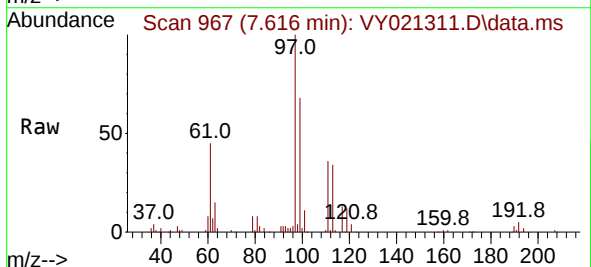
Tgt Ion: 56 Resp: 6853
Ion Ratio Lower Upper
56 100
69 38.8 26.2 39.4
84 90.4 70.2 105.4

Manual Integrations
APPROVED

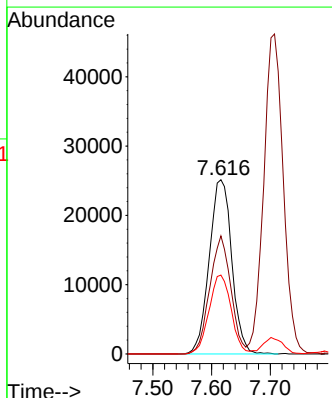
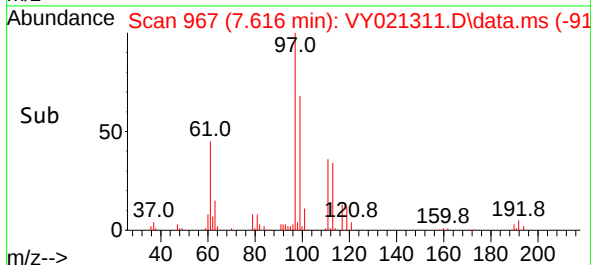
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

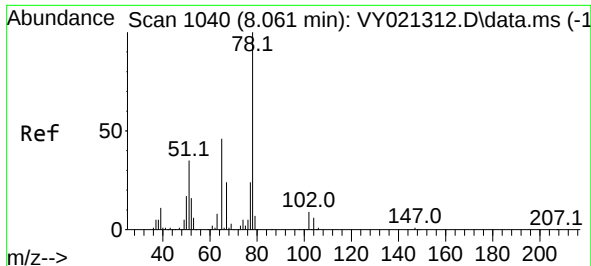


#32
1,1,1-Trichloroethane
Concen: 18.538 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



Tgt Ion: 97 Resp: 67011
Ion Ratio Lower Upper
97 100
99 63.3 52.4 78.6
61 44.5 36.2 54.2





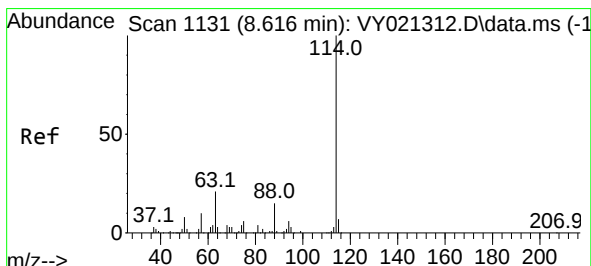
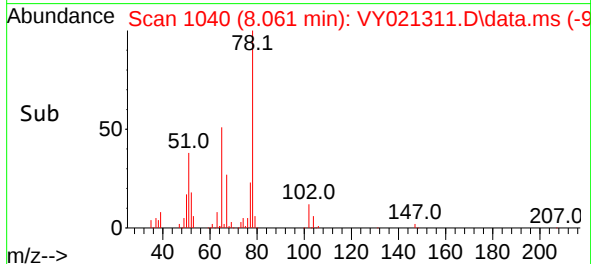
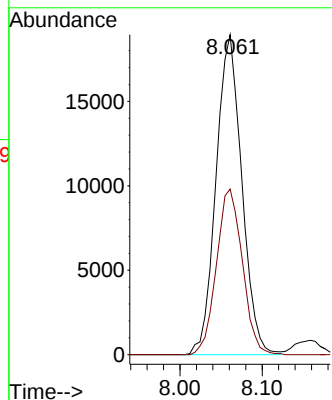
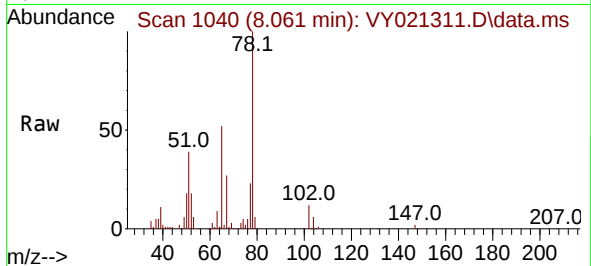
#33
1,2-Dichloroethane-d4
Concen: 19.337 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 41320
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.6

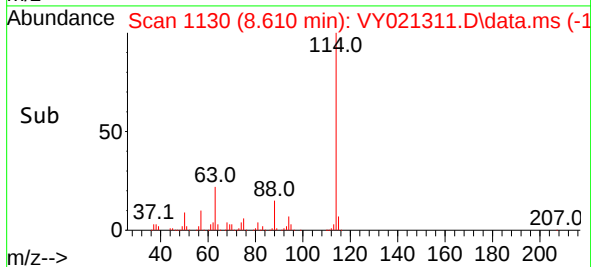
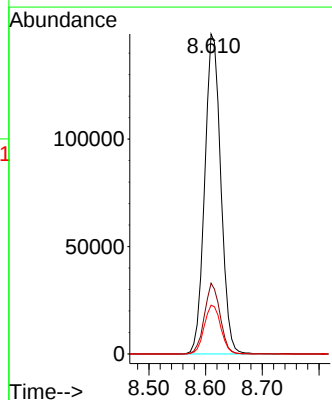
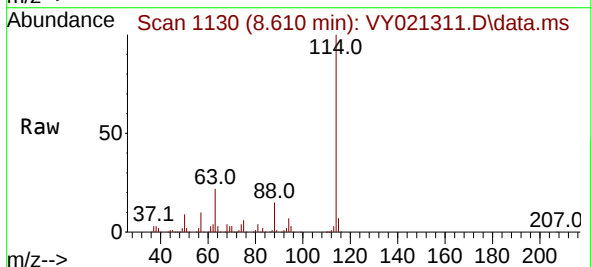
Manual Integrations
APPROVED

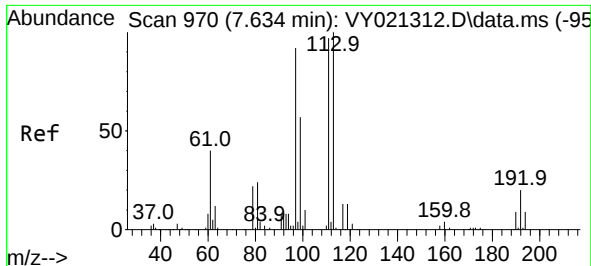
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

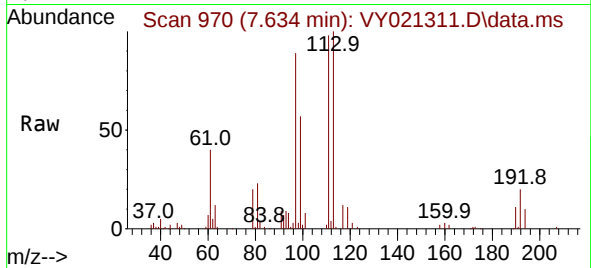
Tgt Ion:114 Resp: 293434
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 15.2 0.0 29.8





#35
Dibromofluoromethane
Concen: 19.371 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

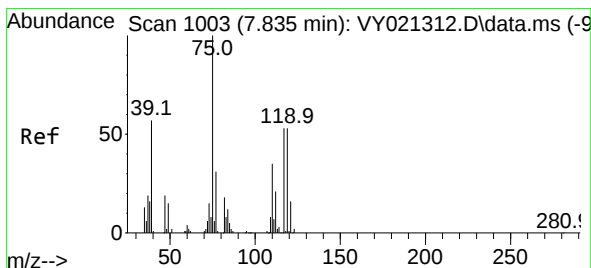
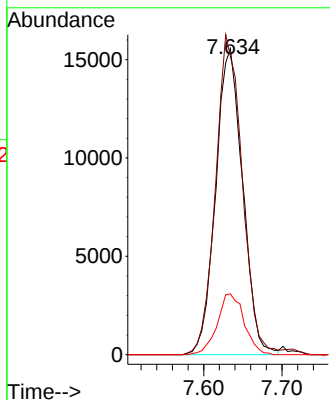
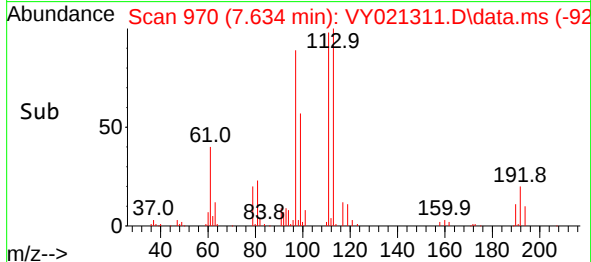
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



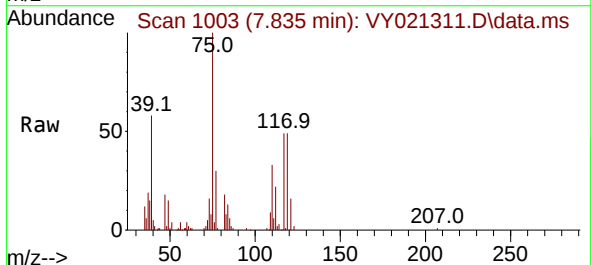
Tgt Ion: 113 Resp: 3726
Ion Ratio Lower Upper
113 100
111 103.5 81.0 121.6
192 19.8 15.8 23.8

Manual Integrations
APPROVED

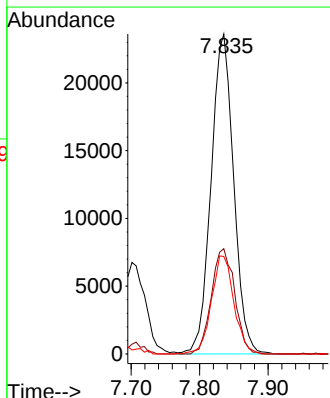
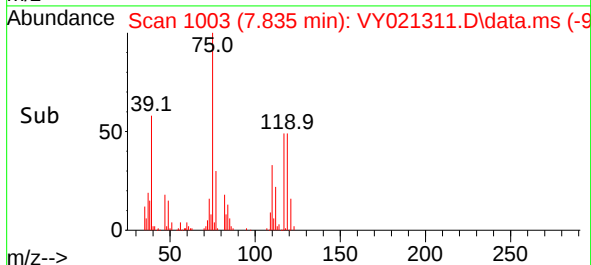
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

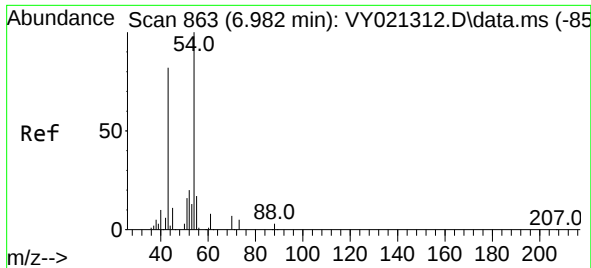


#36
1,1-Dichloropropene
Concen: 18.685 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



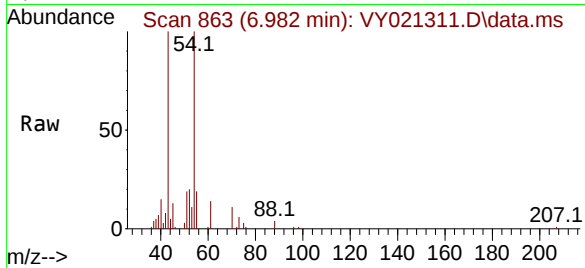
Tgt Ion: 75 Resp: 53995
Ion Ratio Lower Upper
75 100
110 33.9 16.9 50.7
77 30.6 24.6 36.8





#37
Ethyl Acetate
Concen: 18.914 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

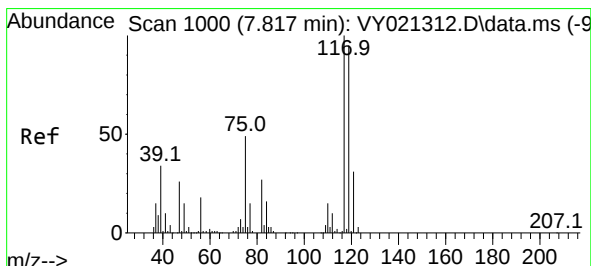
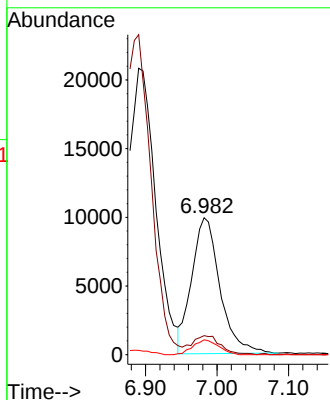
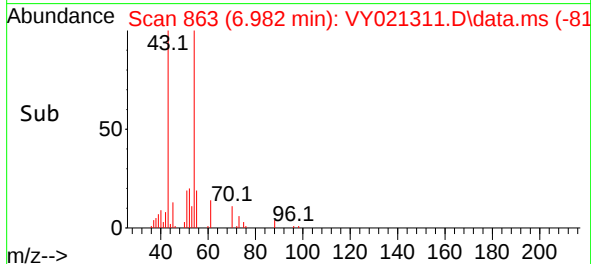
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 27188
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 9.8 7.5 11.3

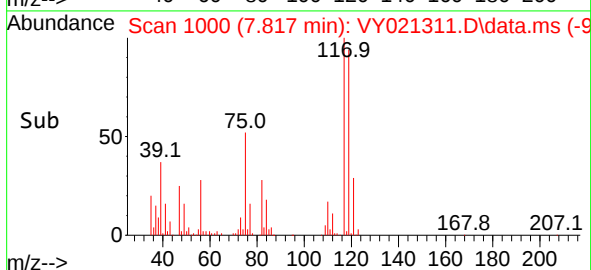
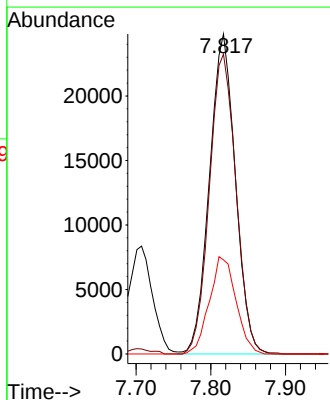
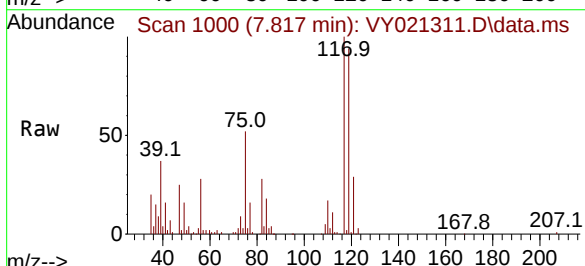
Manual Integrations
APPROVED

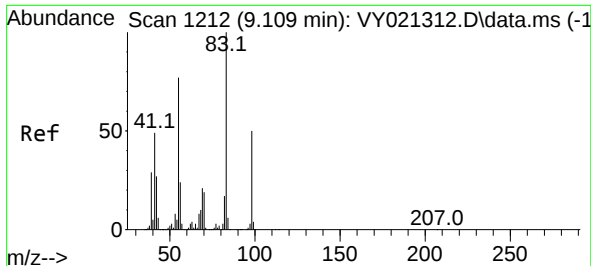
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#38
Carbon Tetrachloride
Concen: 18.387 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 59733
Ion Ratio Lower Upper
117 100
119 93.7 76.0 114.0
121 29.4 24.9 37.3





#39

Methylcyclohexane

Concen: 18.746 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

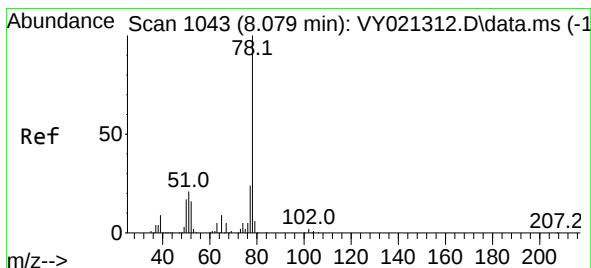
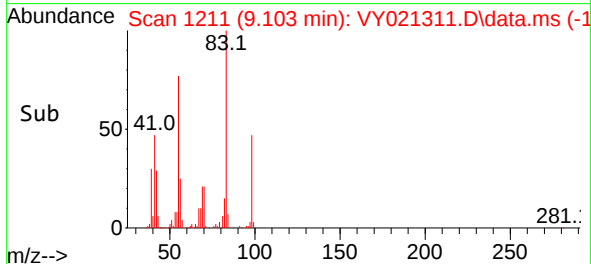
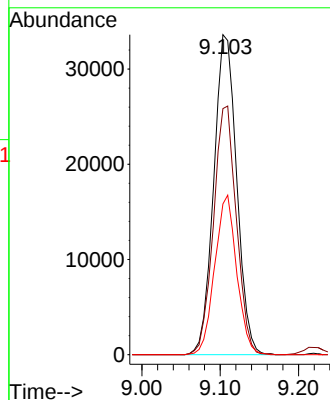
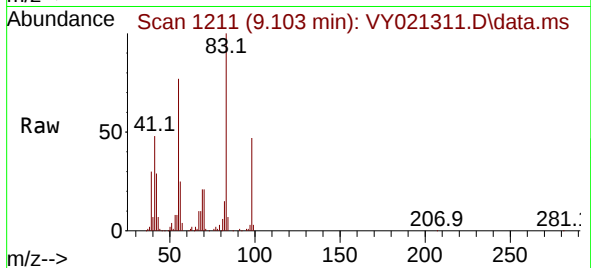
Tgt Ion: 83	Resp: 68510
Ion Ratio	Lower Upper
83 100	
55 76.9	61.3 91.9
98 47.1	39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#40

Benzene

Concen: 18.676 ug/l

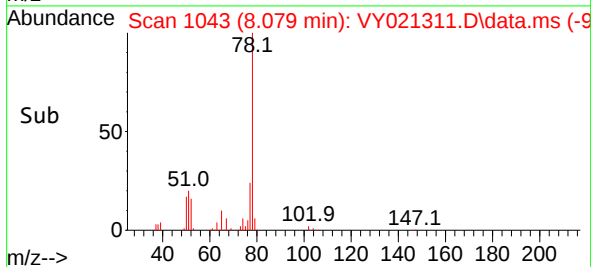
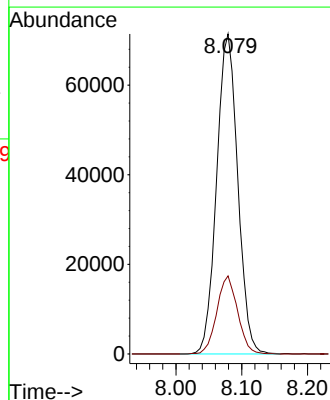
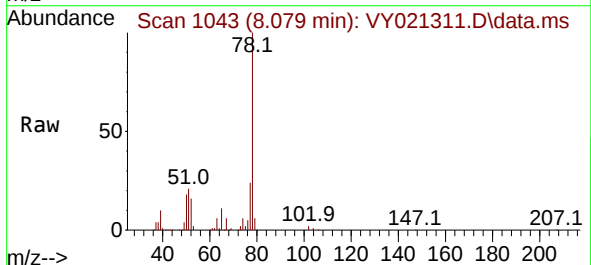
RT: 8.079 min Scan# 1043

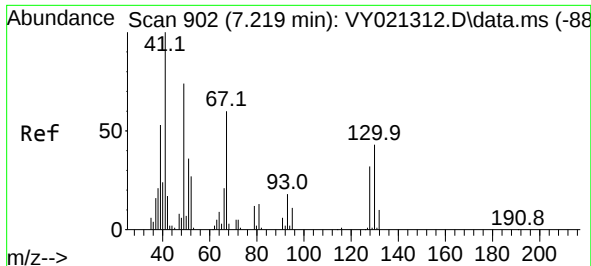
Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

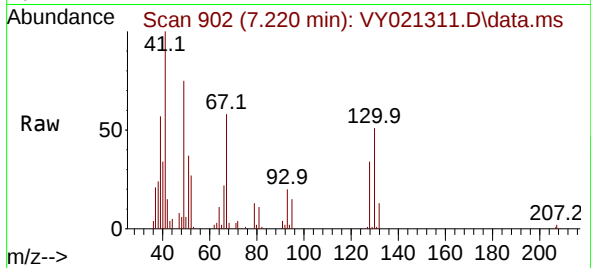
Tgt Ion: 78	Resp: 159536
Ion Ratio	Lower Upper
78 100	
77 24.4	19.2 28.8





#41
Methacrylonitrile
Concen: 17.554 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

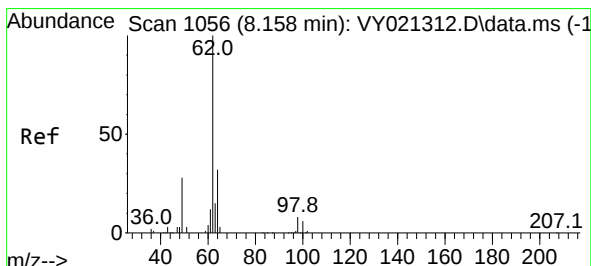
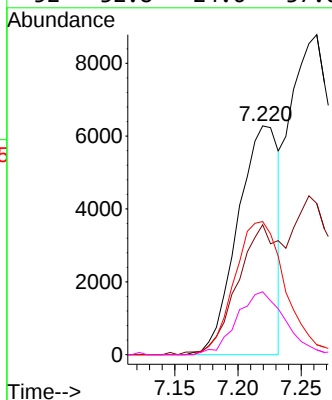
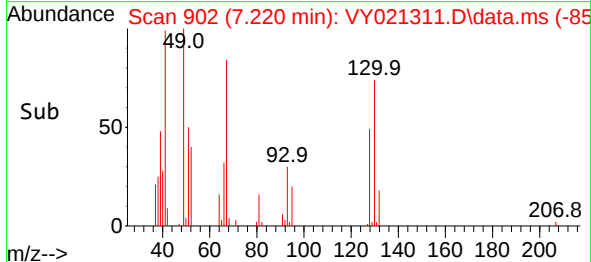
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 14108
Ion Ratio Lower Upper
41 100
39 63.1 42.3 63.5
67 72.9 54.8 82.2
52 32.8 24.6 37.0

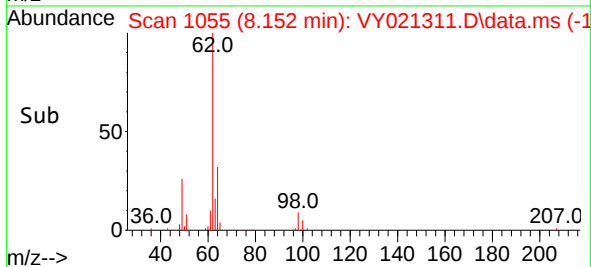
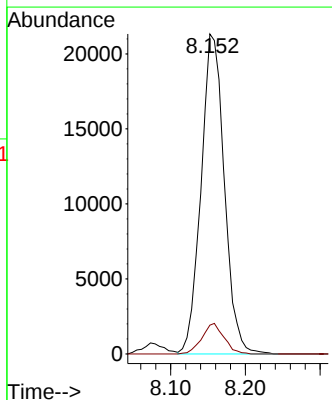
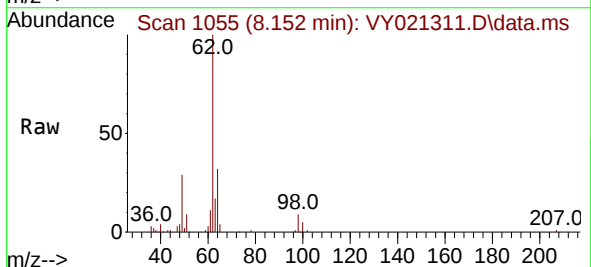
Manual Integrations
APPROVED

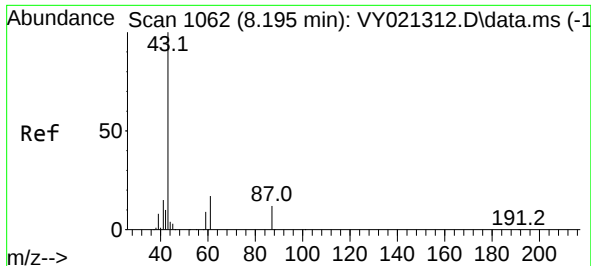
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#42
1,2-Dichloroethane
Concen: 19.043 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 62 Resp: 46152
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





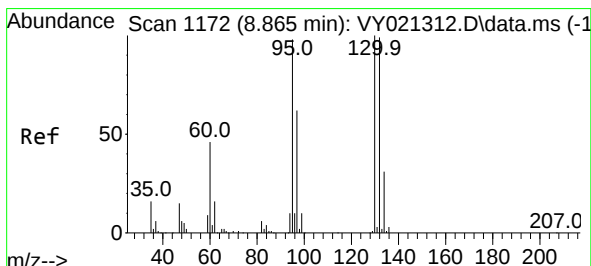
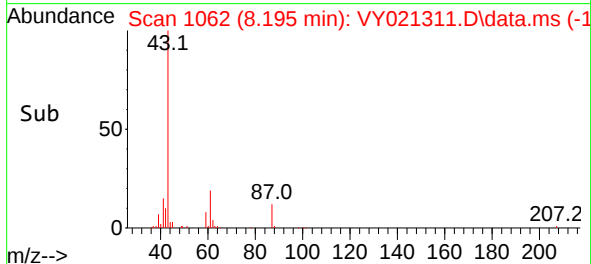
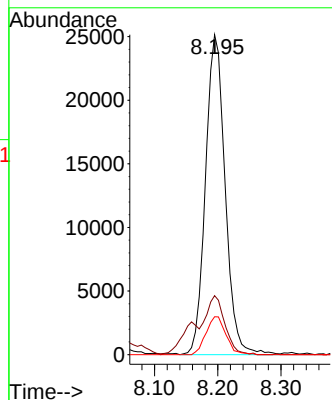
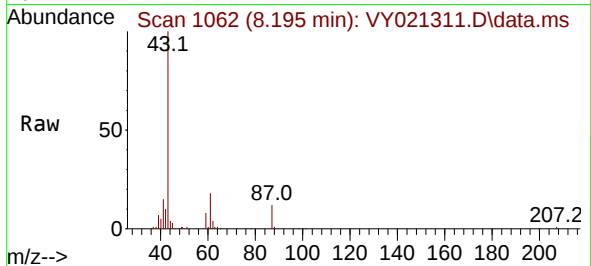
#43
Isopropyl Acetate
Concen: 19.583 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 5448
Ion Ratio Lower Upper
43 100
61 18.0 15.0 22.6
87 12.1 10.0 15.0

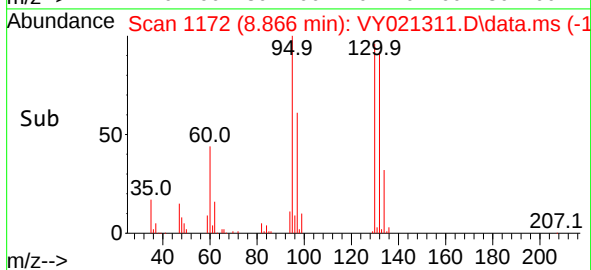
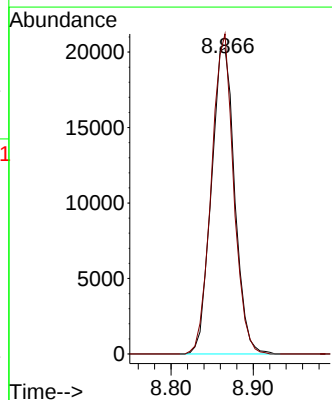
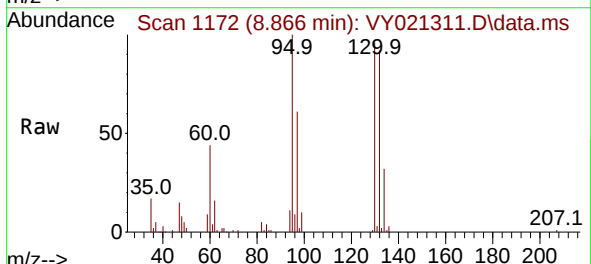
Manual Integrations
APPROVED

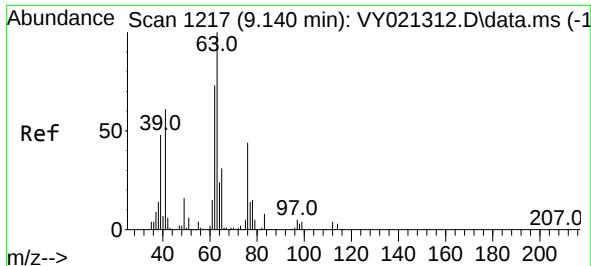
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#44
Trichloroethene
Concen: 18.706 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:130 Resp: 40005
Ion Ratio Lower Upper
130 100
95 104.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.782 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3861

Ion Ratio Lower Upper

63 100

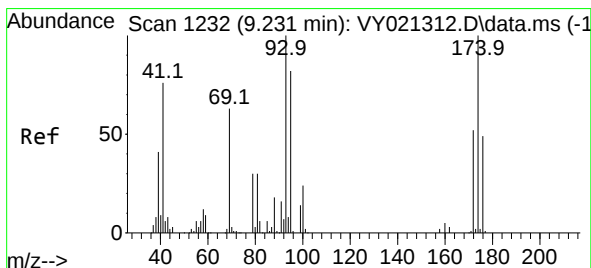
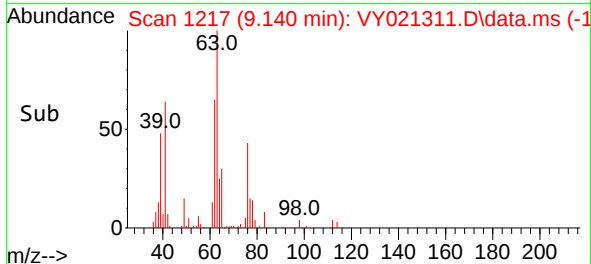
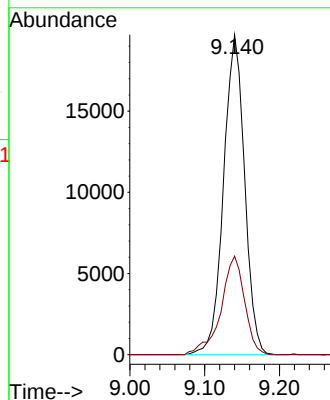
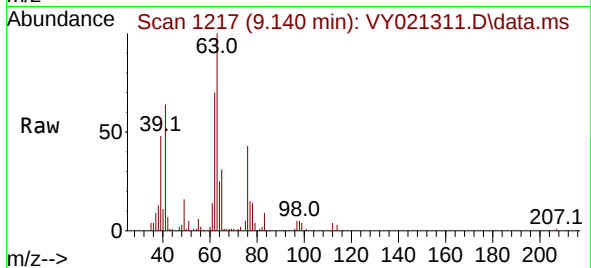
65 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#46

Dibromomethane

Concen: 19.063 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

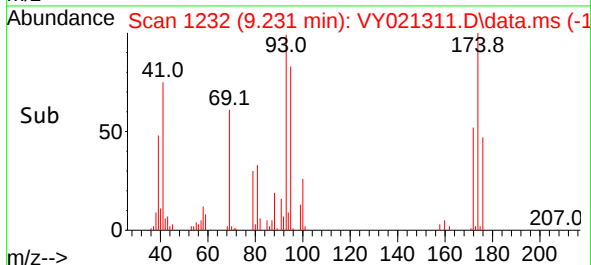
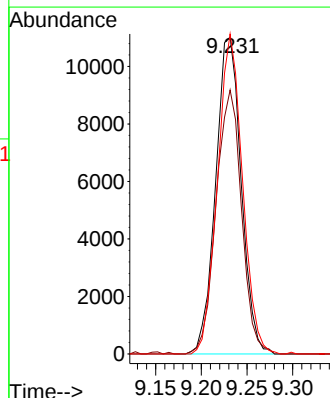
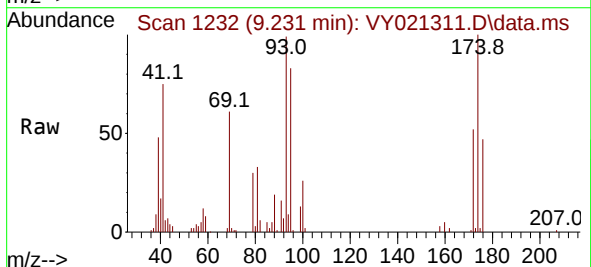
Tgt Ion: 93 Resp: 21421

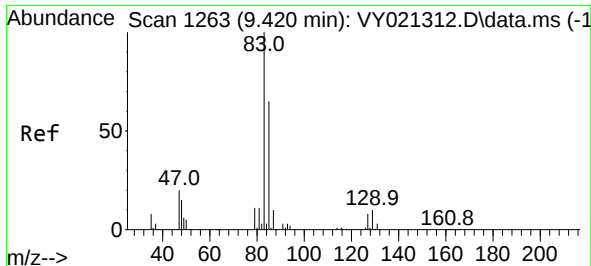
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 98.7 78.2 117.2





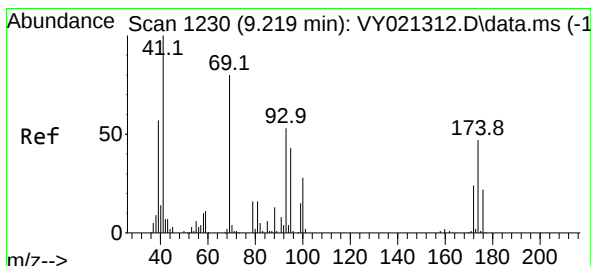
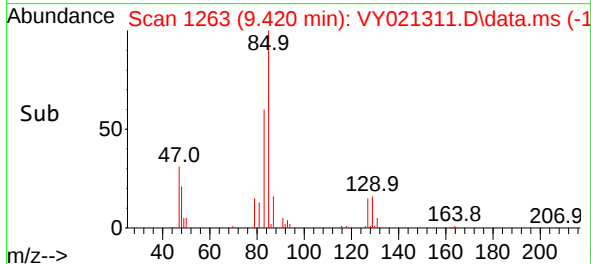
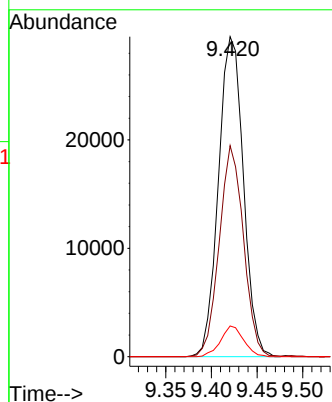
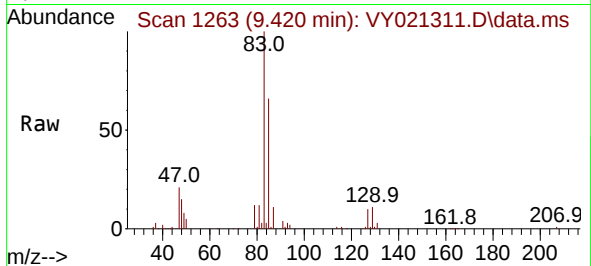
#47
Bromodichloromethane
Concen: 18.701 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 5603
Ion Ratio Lower Upper
83 100
85 66.0 51.8 77.8
127 9.6 6.7 10.1

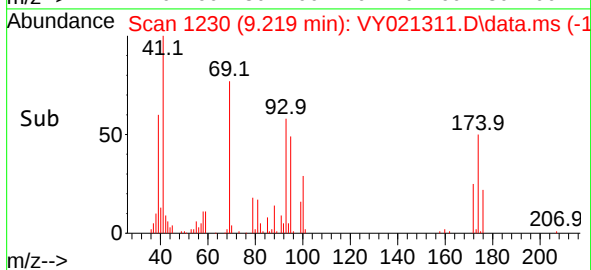
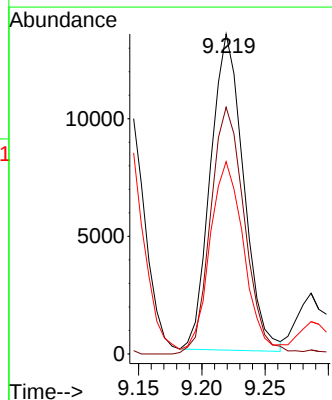
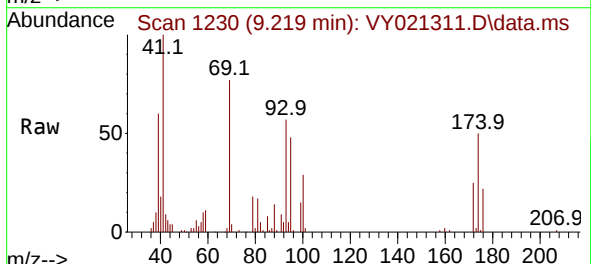
Manual Integrations
APPROVED

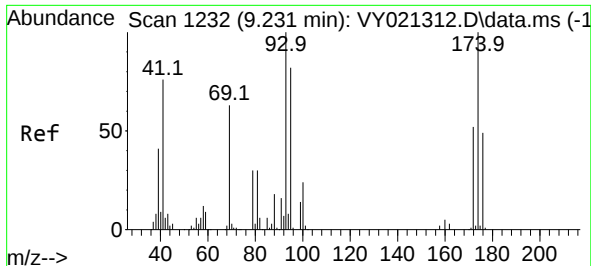
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#48
Methyl methacrylate
Concen: 18.801 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 41 Resp: 24461
Ion Ratio Lower Upper
41 100
69 80.2 63.3 94.9
39 60.2 45.0 67.6





#49

1,4-Dioxane

Concen: 424.825 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

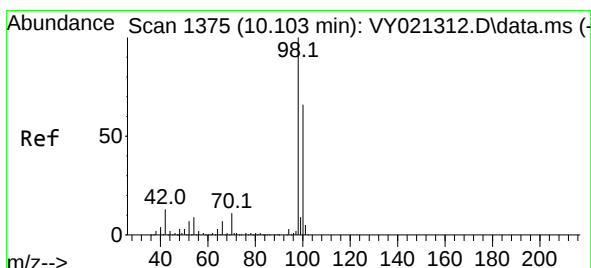
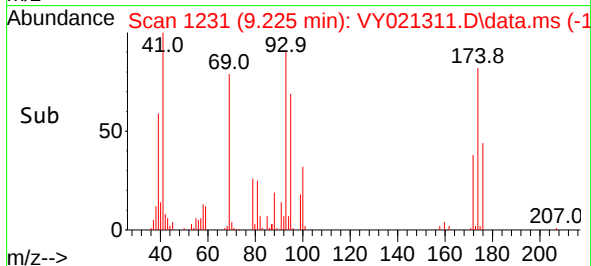
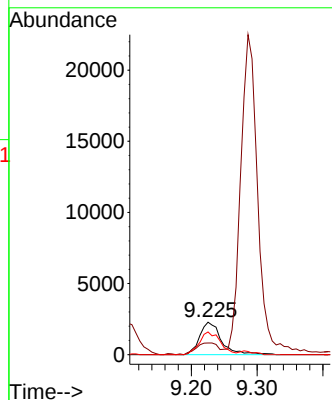
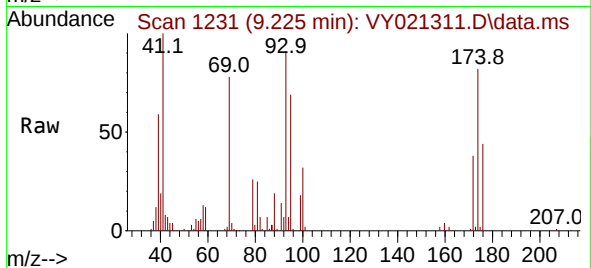
VSTDICC020

Tgt Ion:	88	Resp:	5308
Ion	Ratio	Lower	Upper
88	100		
43	35.4	34.8	52.2
58	66.8	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#50

Toluene-d8

Concen: 19.423 ug/l

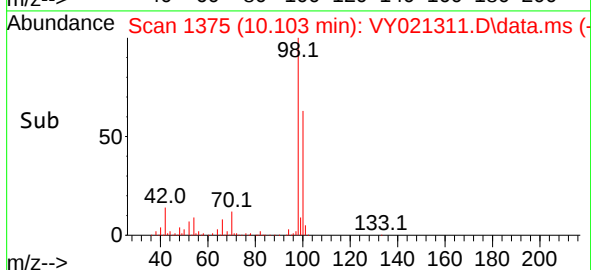
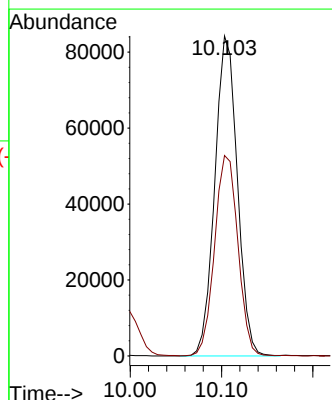
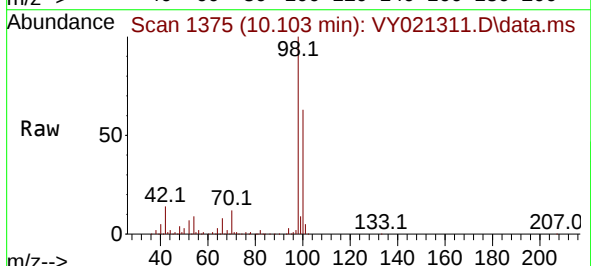
RT: 10.103 min Scan# 1375

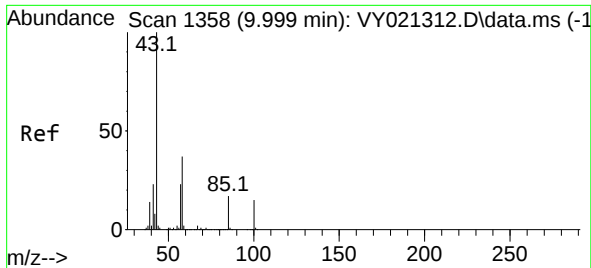
Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Tgt Ion:	98	Resp:	144409
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6





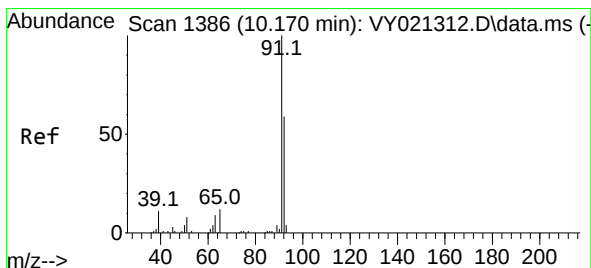
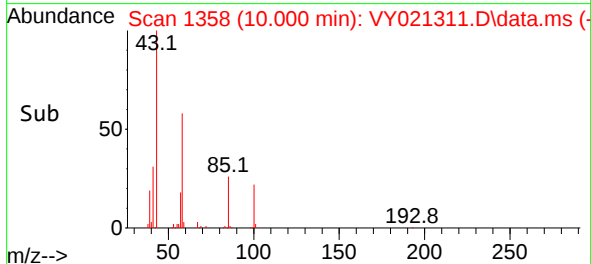
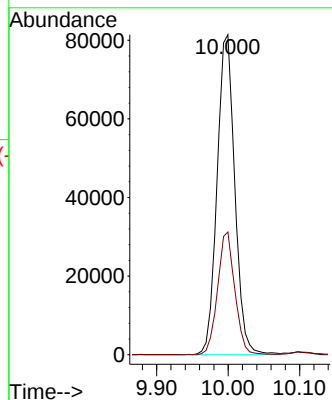
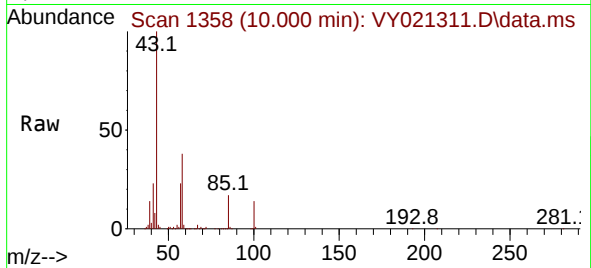
#51
4-Methyl-2-Pentanone
Concen: 98.430 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 14018
Ion Ratio Lower Upper
43 100
58 37.3 30.1 45.1

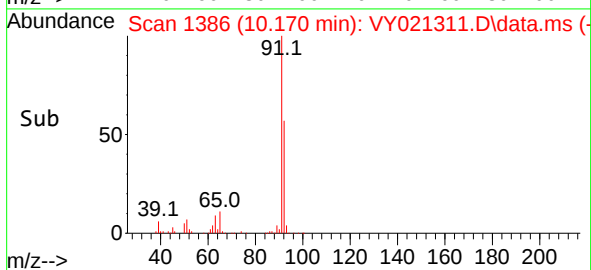
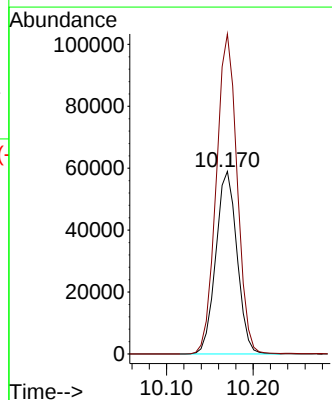
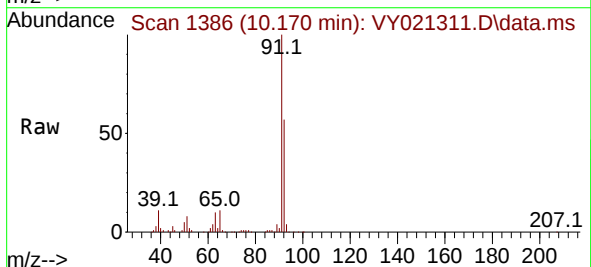
Manual Integrations
APPROVED

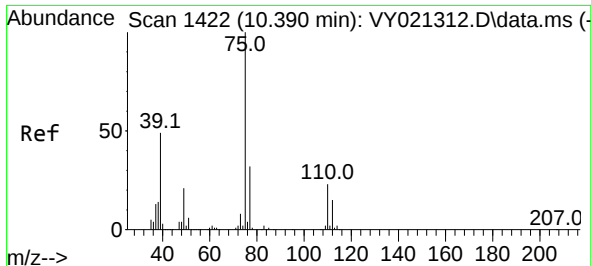
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#52
Toluene
Concen: 18.854 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 92 Resp: 100050
Ion Ratio Lower Upper
92 100
91 172.8 137.8 206.8





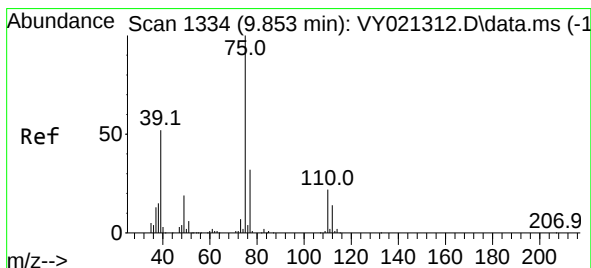
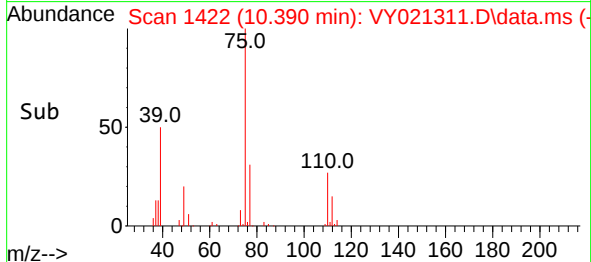
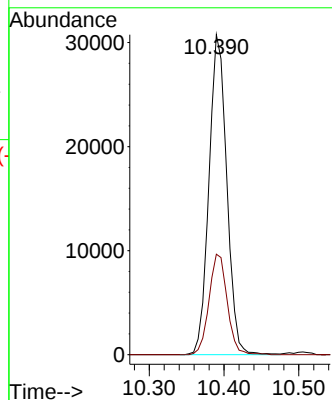
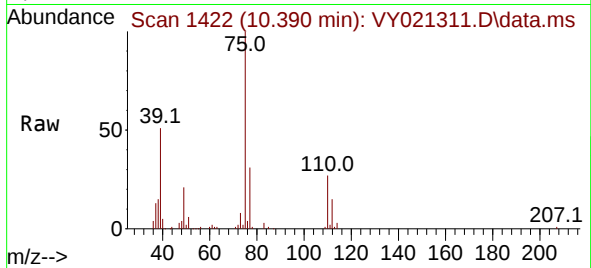
#53
t-1,3-Dichloropropene
Concen: 18.563 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 5095
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9

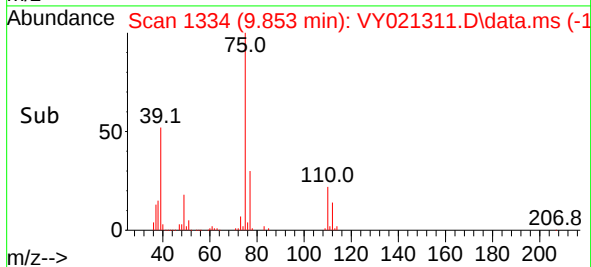
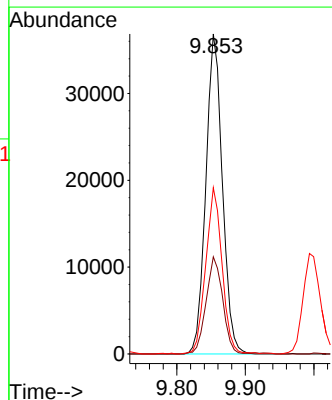
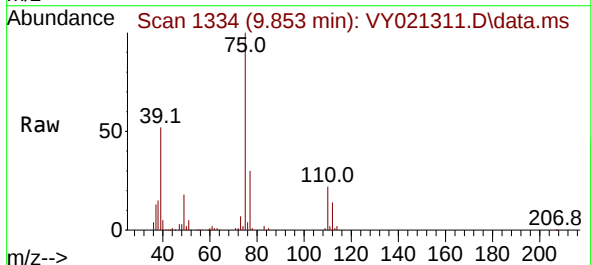
Manual Integrations
APPROVED

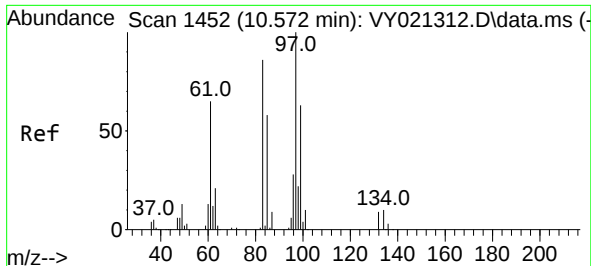
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#54
cis-1,3-Dichloropropene
Concen: 19.122 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

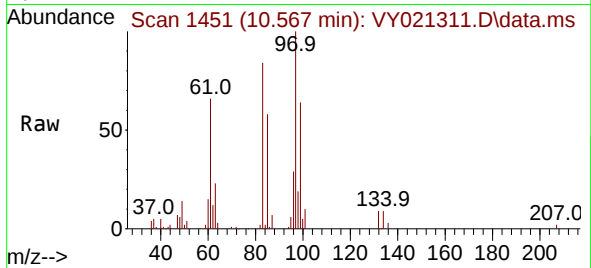
Tgt Ion: 75 Resp: 61967
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5
39 52.0 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 19.088 ug/l
RT: 10.567 min Scan# 1452
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

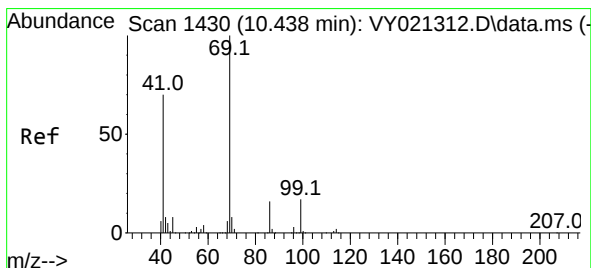
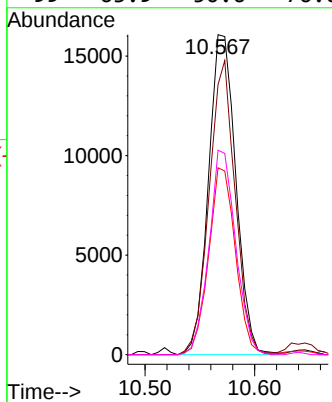
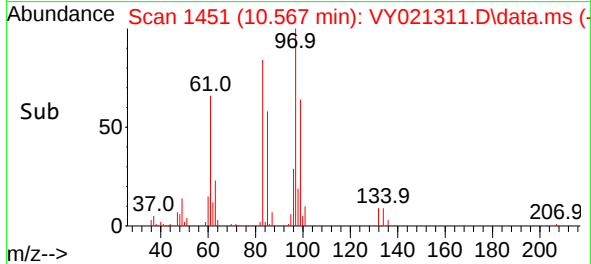
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



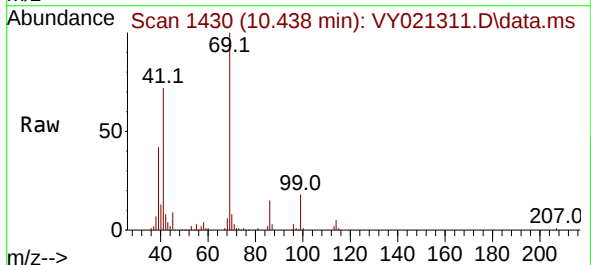
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.7	103.1
85	58.4	46.3	69.5
99	63.9	50.6	76.0

Manual Integrations
APPROVED

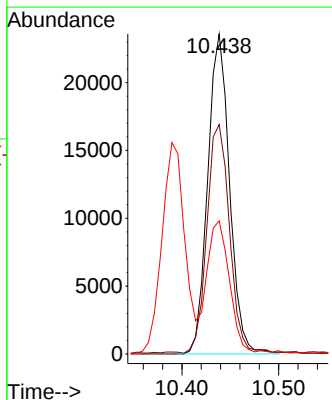
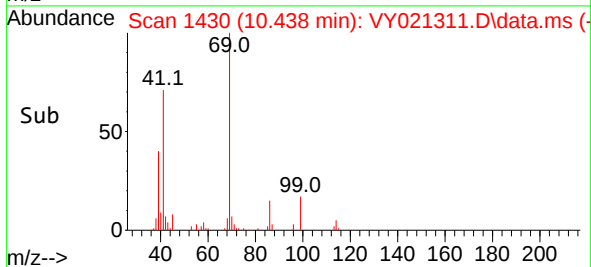
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

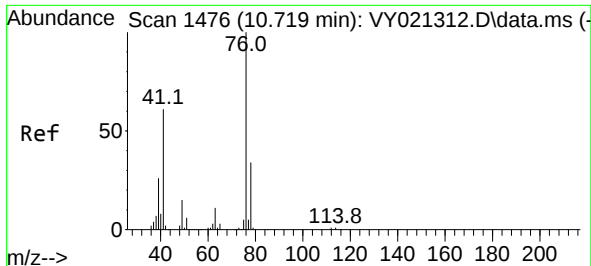


#56
Ethyl methacrylate
Concen: 18.291 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



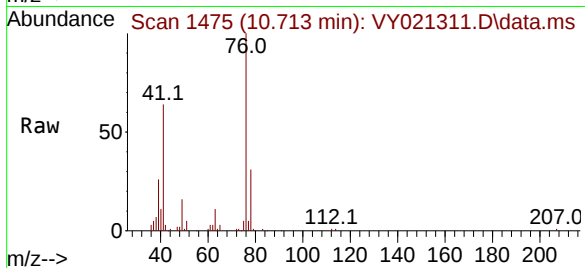
Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.3	56.2	84.4
39	43.9	32.7	49.1





#57
1,3-Dichloropropane
Concen: 19.270 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

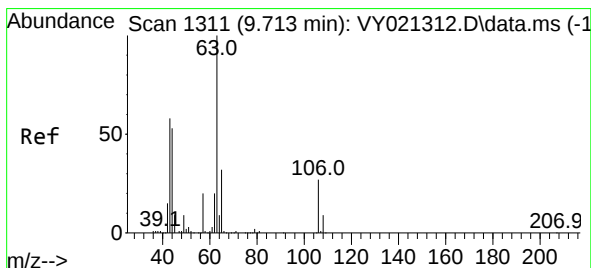
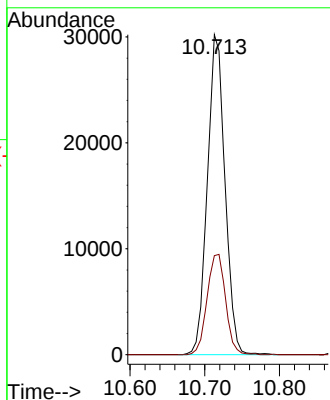
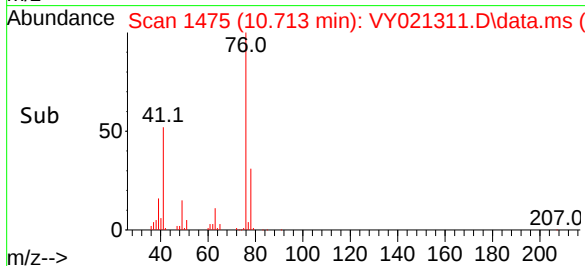
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



Tgt Ion: 76 Resp: 4949
Ion Ratio Lower Upper
76 100
78 32.9 25.9 38.9

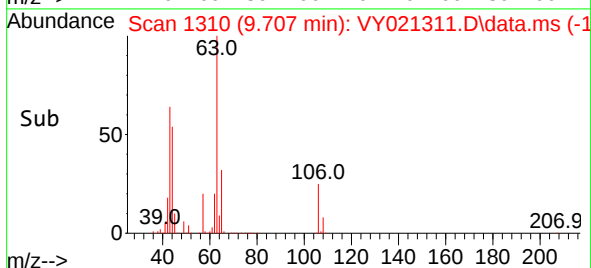
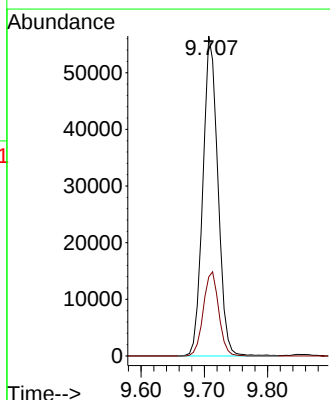
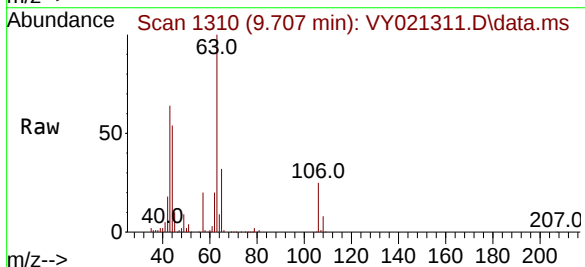
Manual Integrations
APPROVED

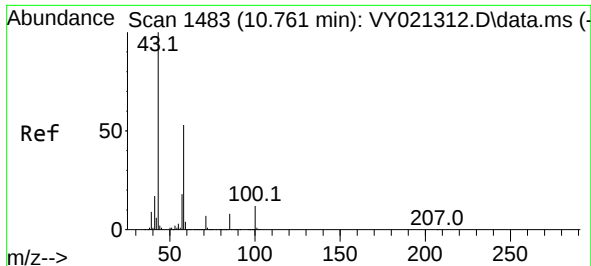
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 96.179 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

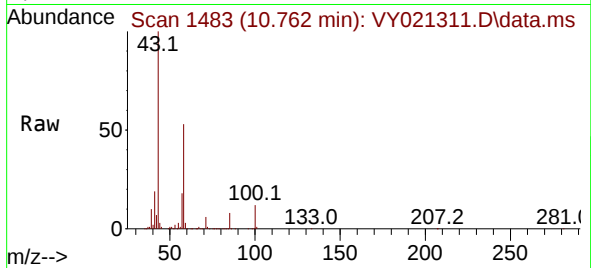
Tgt Ion: 63 Resp: 93377
Ion Ratio Lower Upper
63 100
106 26.9 21.7 32.5





#59
2-Hexanone
Concen: 97.163 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

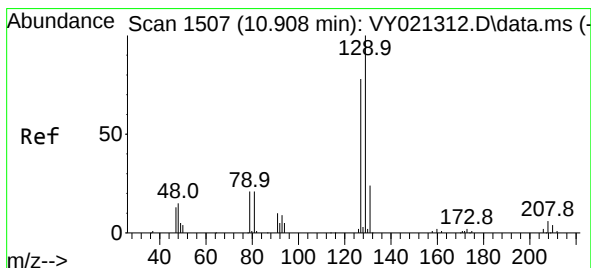
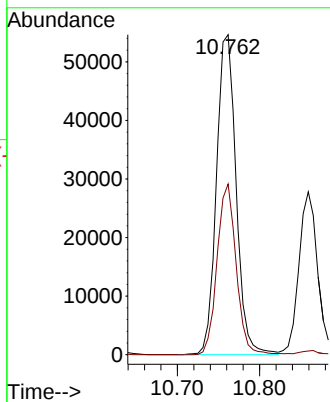
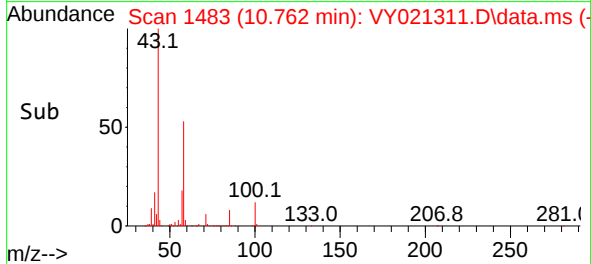
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 9088
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.6

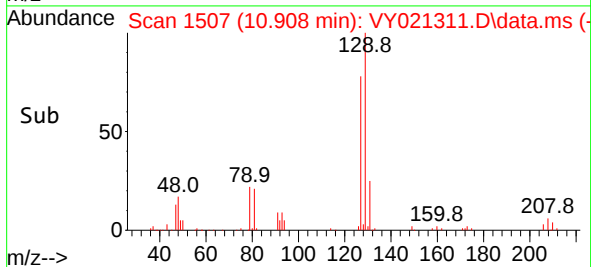
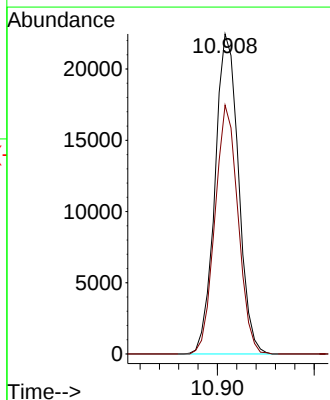
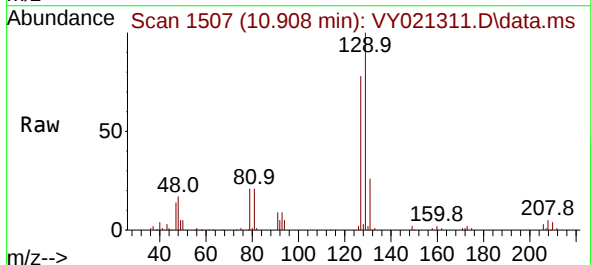
Manual Integrations
APPROVED

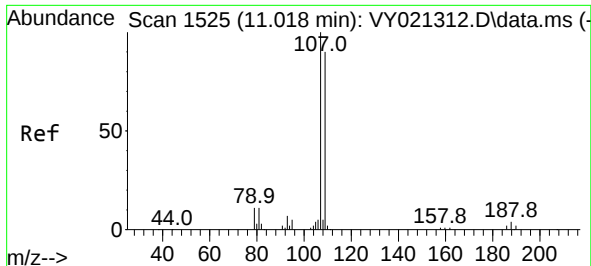
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#60
Dibromochloromethane
Concen: 18.964 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

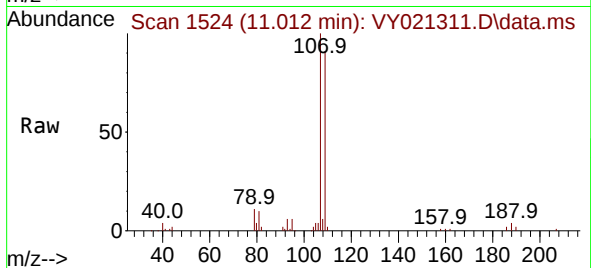
Tgt Ion:129 Resp: 37808
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.135 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

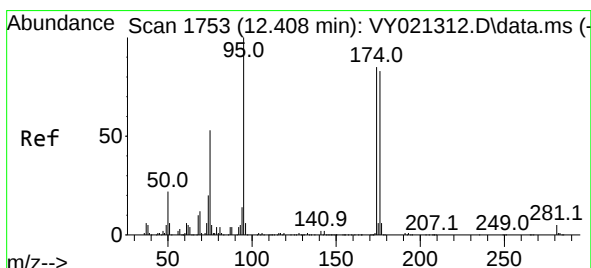
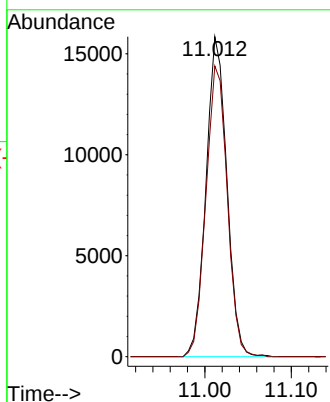
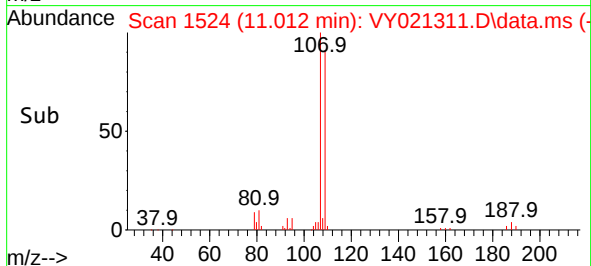
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 26519
Ion Ratio Lower Upper
107 100
109 92.9 73.8 110.8

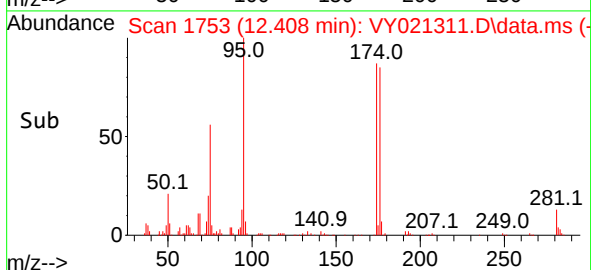
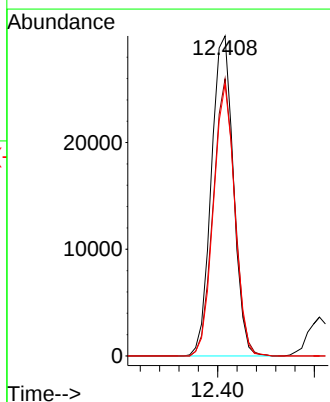
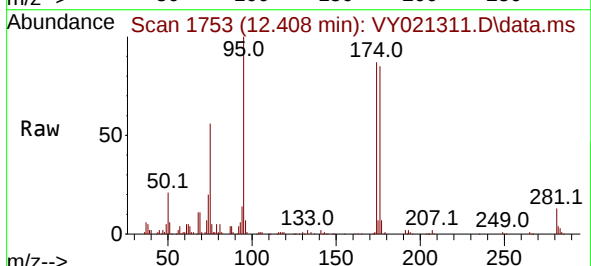
Manual Integrations
APPROVED

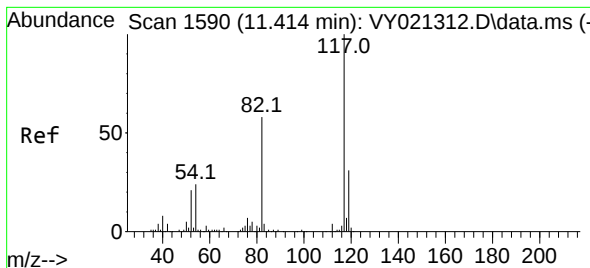
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#62
4-Bromofluorobenzene
Concen: 18.950 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 95 Resp: 47417
Ion Ratio Lower Upper
95 100
174 84.5 0.0 168.0
176 82.0 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

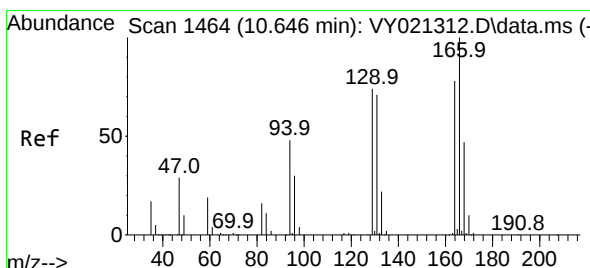
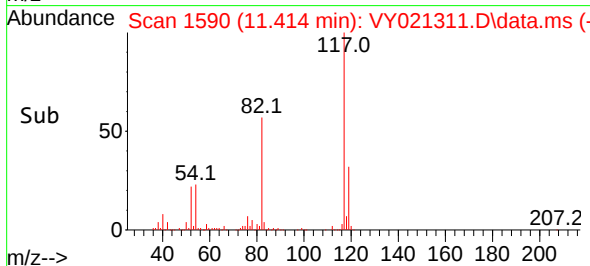
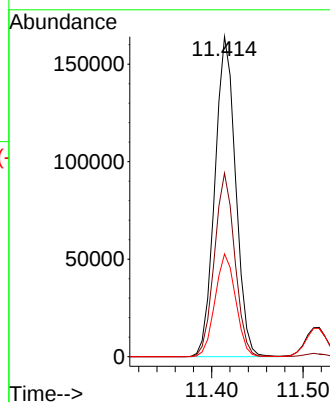
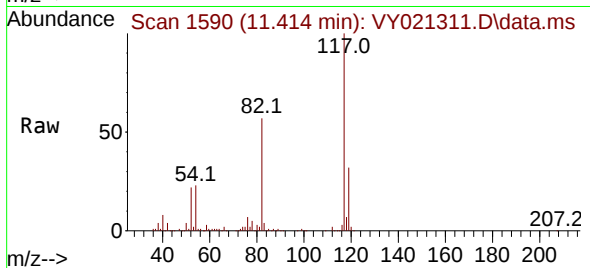
Tgt Ion:117 Resp: 258890

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.4
119	32.1	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#64

Tetrachloroethene

Concen: 18.595 ug/l

RT: 10.646 min Scan# 1464

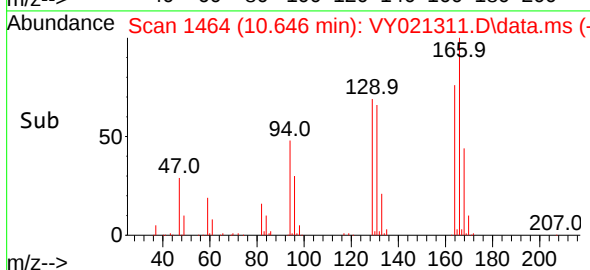
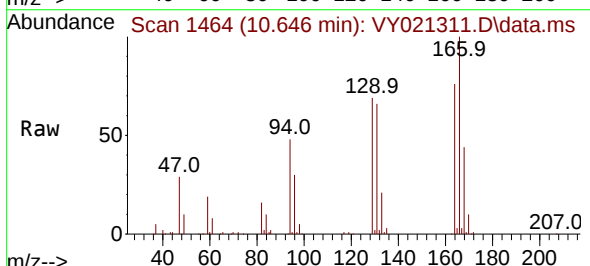
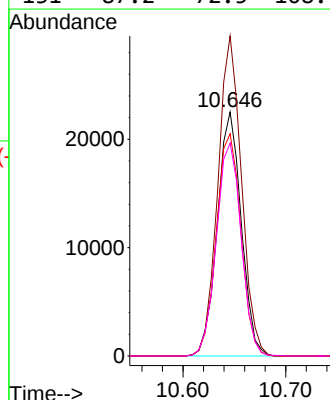
Delta R.T. 0.000 min

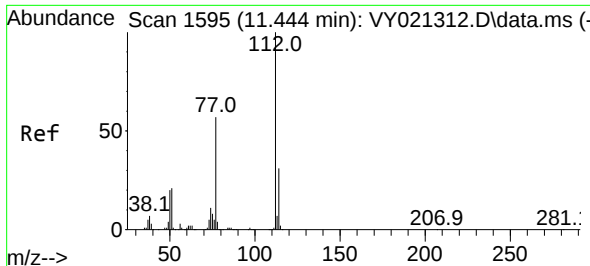
Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Tgt Ion:164 Resp: 36387

Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.9	152.9
129	91.1	75.5	113.3
131	87.2	72.5	108.7





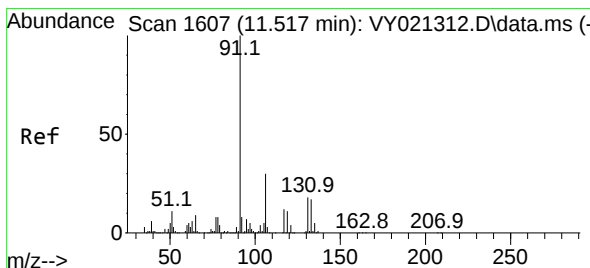
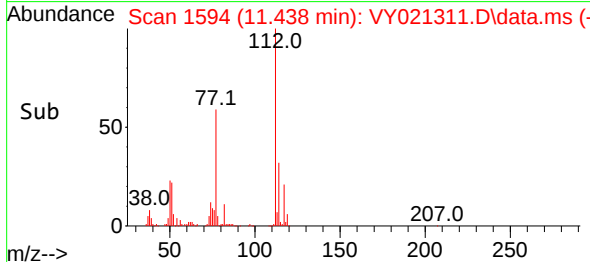
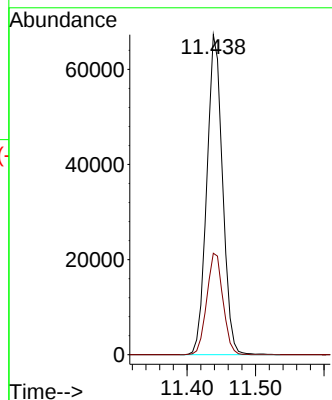
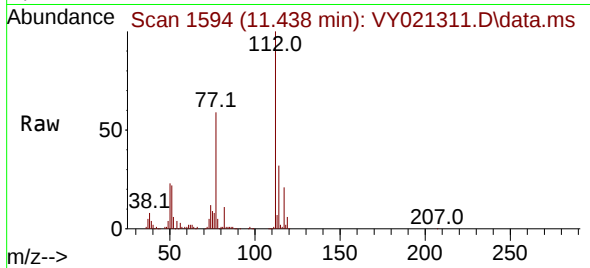
#65
Chlorobenzene
Concen: 18.519 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 10762
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6

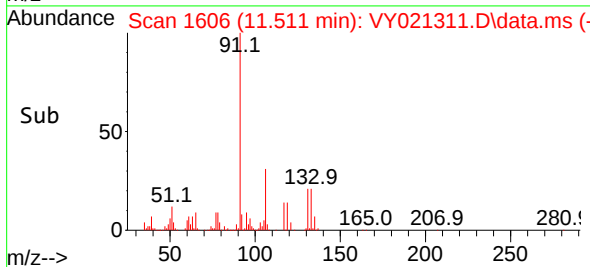
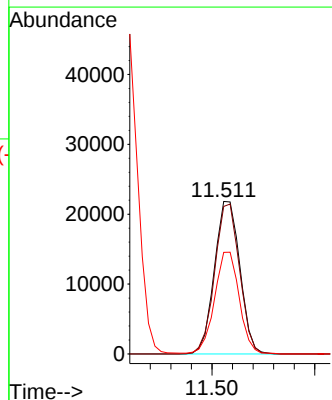
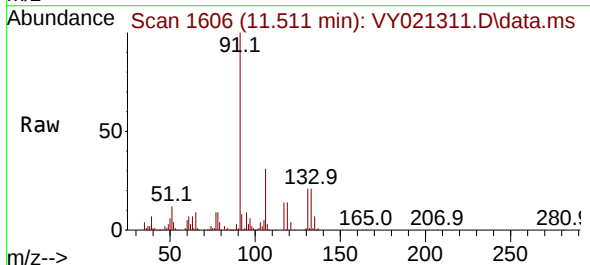
Manual Integrations
APPROVED

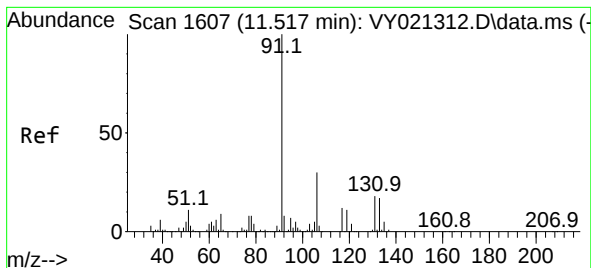
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.422 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:131 Resp: 37487
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 65.1 31.7 95.1





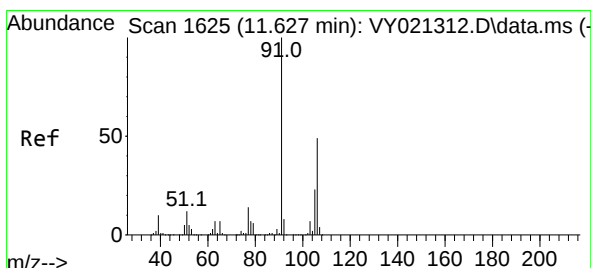
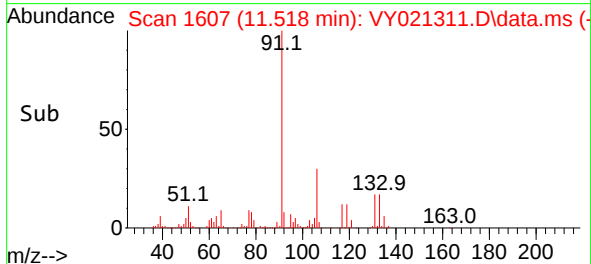
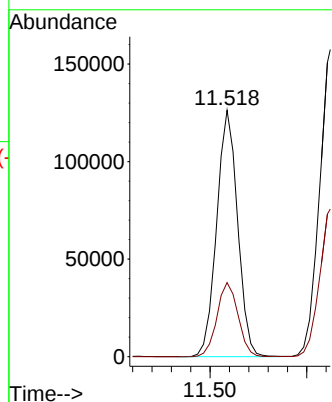
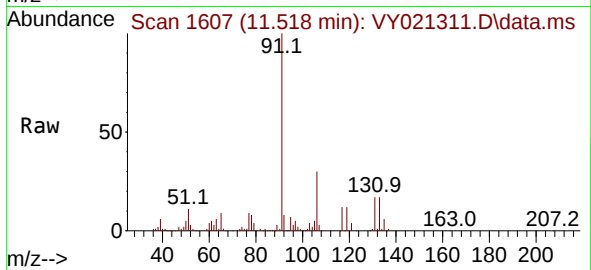
#67
Ethyl Benzene
Concen: 18.366 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 189052
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6

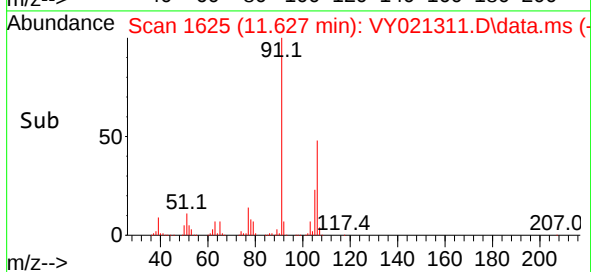
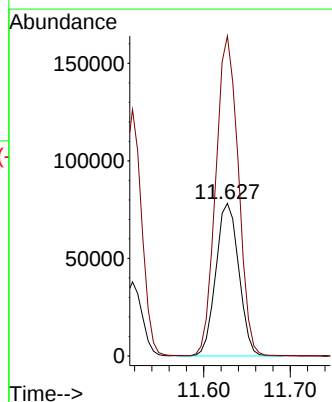
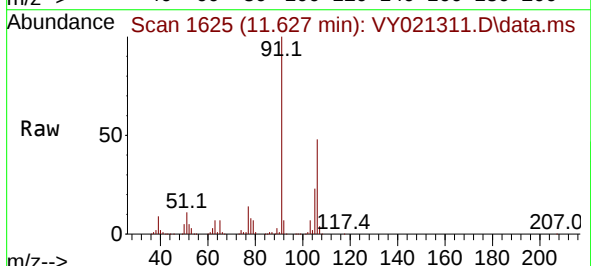
Manual Integrations
APPROVED

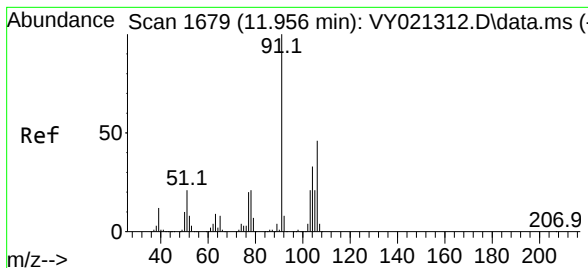
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#68
m/p-Xylenes
Concen: 37.210 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:106 Resp: 144073
Ion Ratio Lower Upper
106 100
91 205.9 163.9 245.9





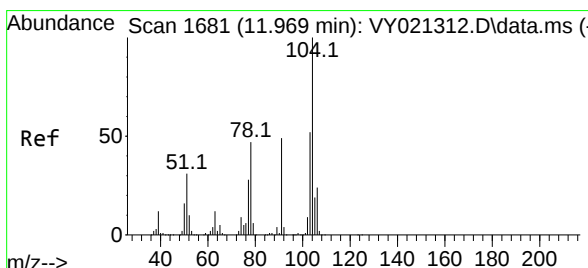
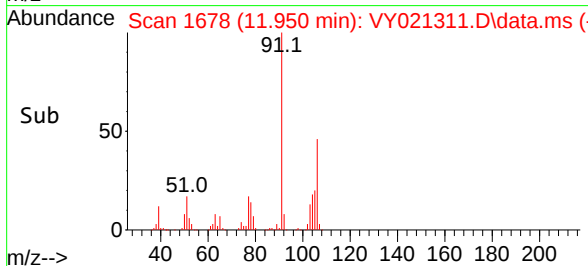
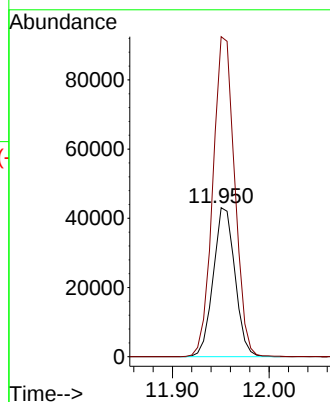
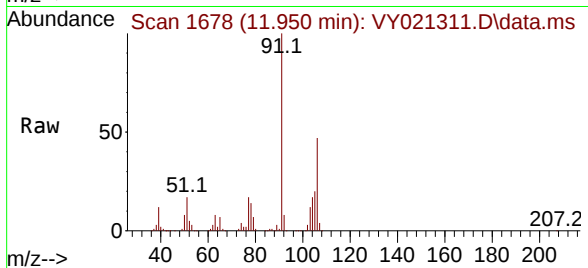
#69
o-Xylene
Concen: 18.488 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 67060
Ion Ratio Lower Upper
106 100
91 216.5 108.1 324.2

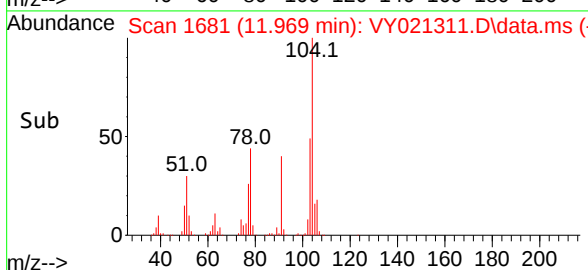
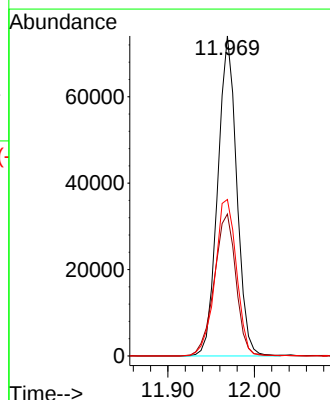
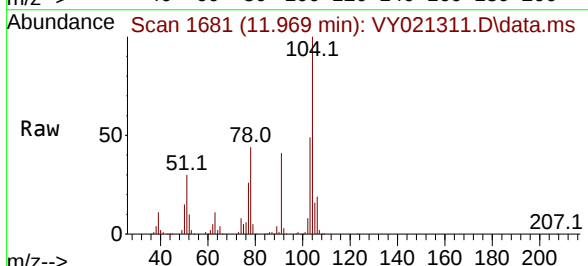
Manual Integrations
APPROVED

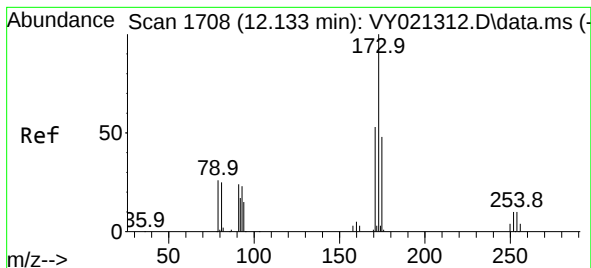
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#70
Styrene
Concen: 18.729 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:104 Resp: 113033
Ion Ratio Lower Upper
104 100
78 50.7 41.3 61.9
103 55.5 43.9 65.9





#71

Bromoform

Concen: 18.800 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

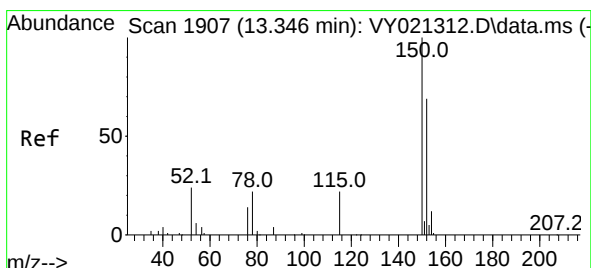
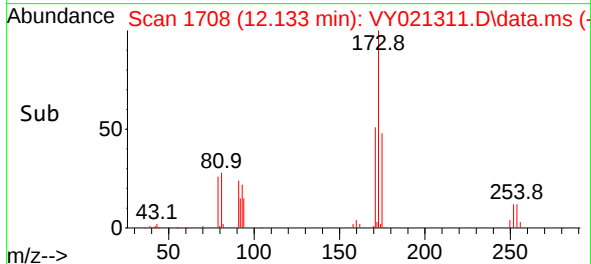
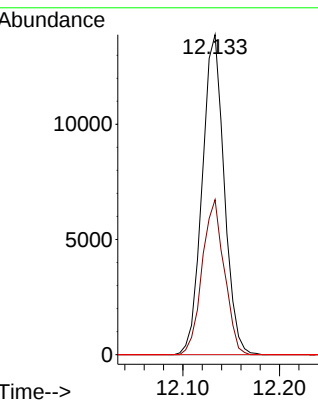
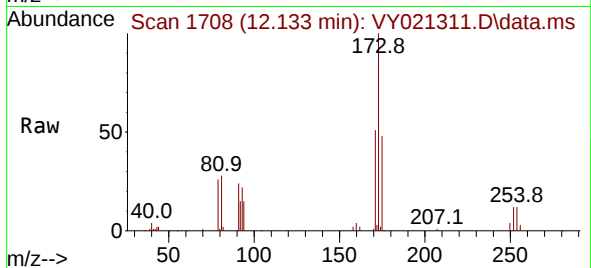
VSTDIC020

Tgt Ion:173 Resp: 21880
 Ion Ratio Lower Upper
 173 100
 175 48.8 24.1 72.3
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

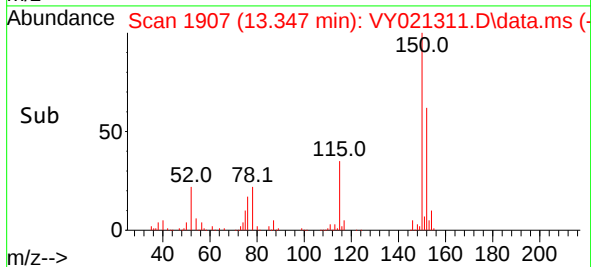
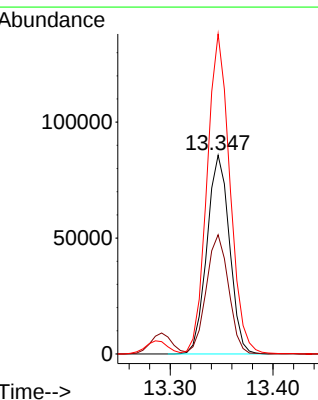
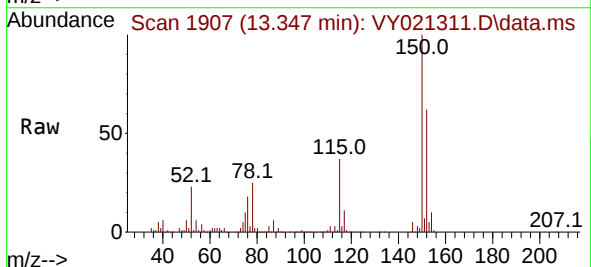
RT: 13.347 min Scan# 1907

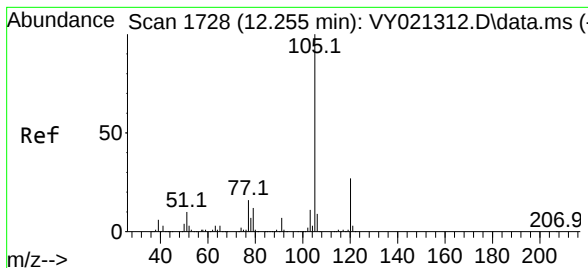
Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

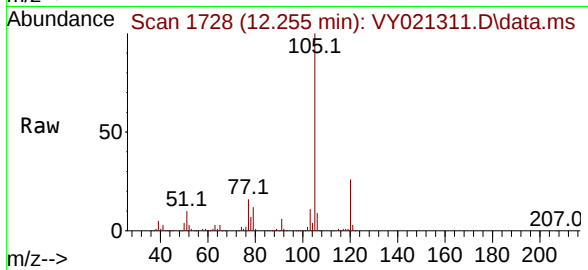
Tgt Ion:152 Resp: 130546
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.3 88.0
 150 163.4 0.0 347.4





#73
Isopropylbenzene
Concen: 18.288 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

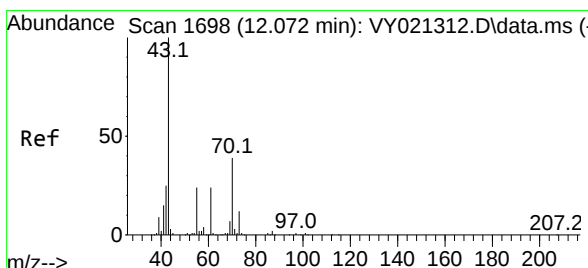
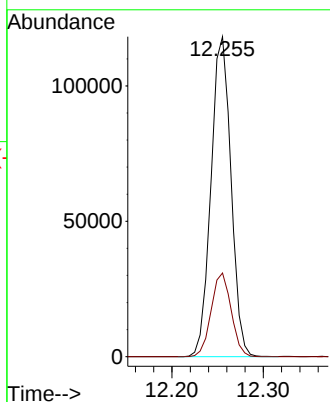
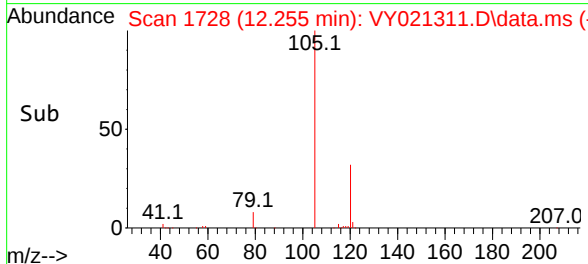
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



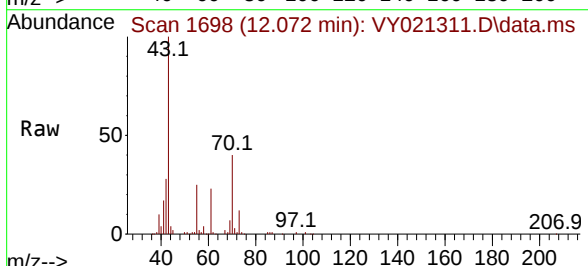
Tgt Ion:105 Resp: 179489
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.8

Manual Integrations
APPROVED

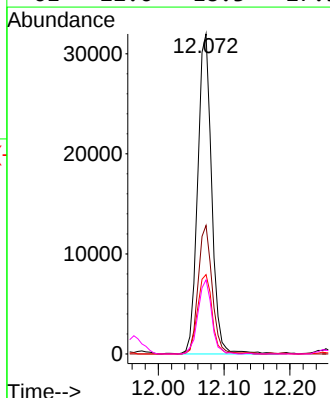
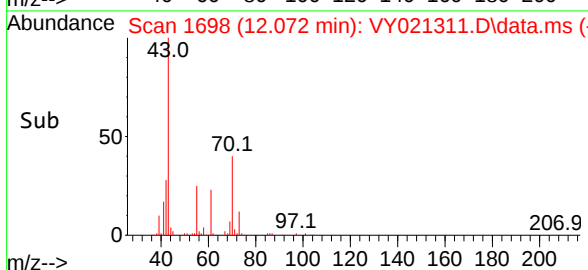
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

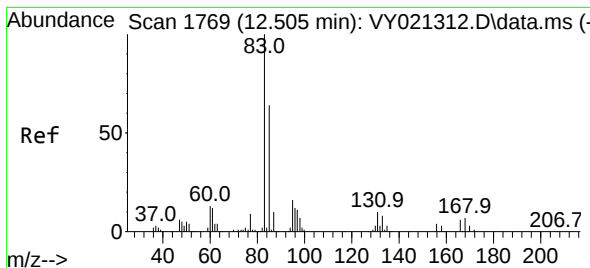


#74
N-ethyl acetate
Concen: 18.930 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



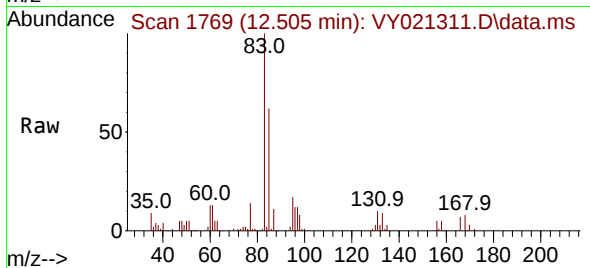
Tgt Ion: 43 Resp: 47224
Ion Ratio Lower Upper
43 100
70 40.3 32.2 48.2
55 25.6 19.6 29.4
61 22.6 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 18.717 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

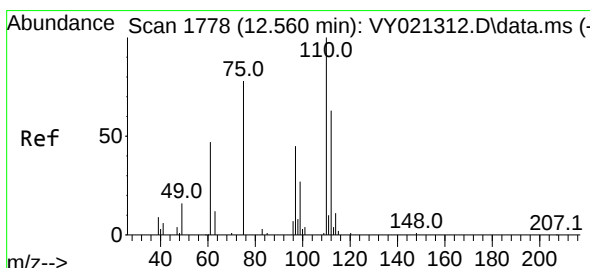
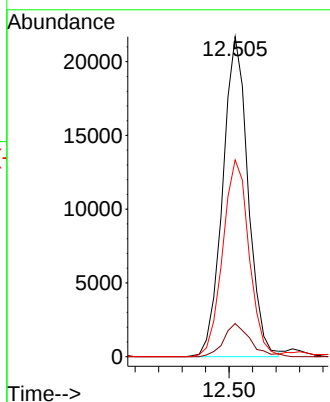
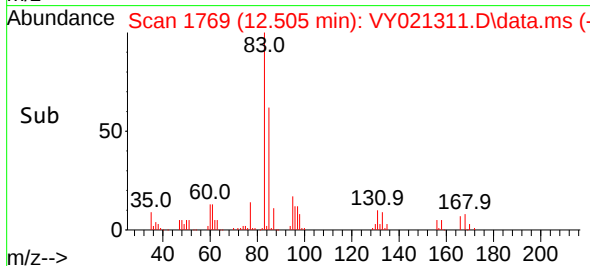
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



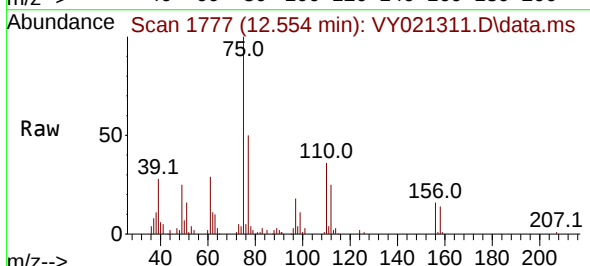
Tgt Ion: 83 Resp: 32419
Ion Ratio Lower Upper
83 100
131 10.8 5.2 15.6
85 63.8 32.0 96.0

Manual Integrations
APPROVED

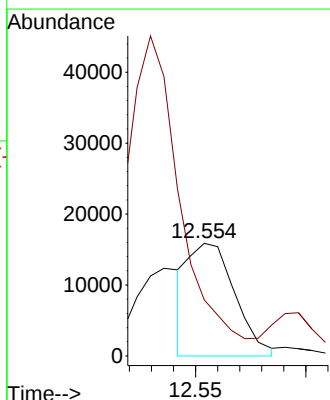
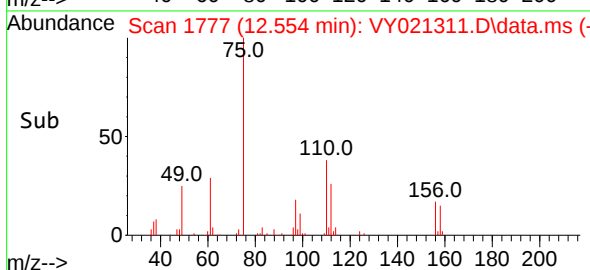
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

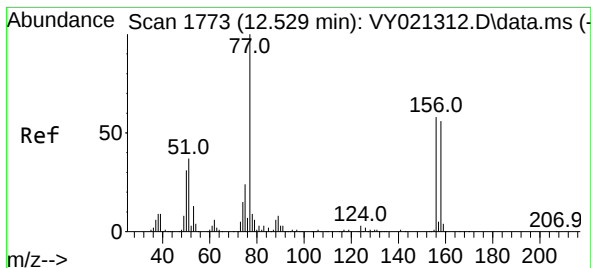


#76
1,2,3-Trichloropropane
Concen: 17.801 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26



Tgt Ion: 75 Resp: 23402
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.433 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

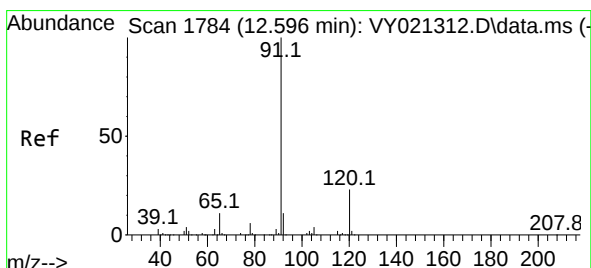
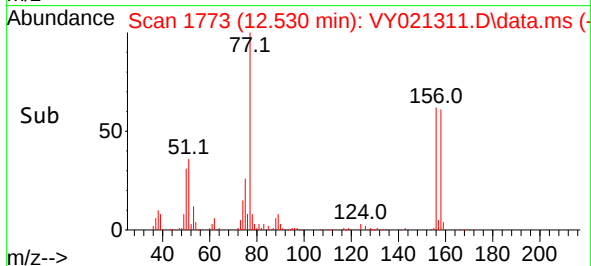
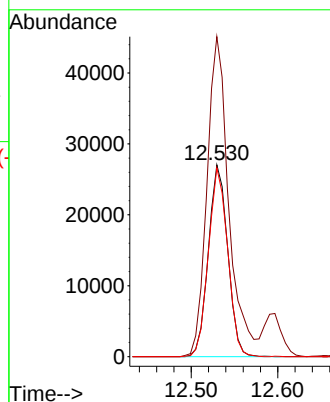
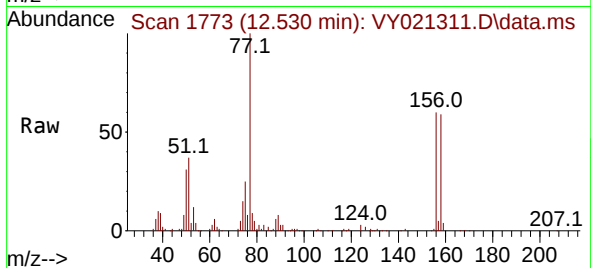
VSTDICC020

Tgt Ion:	156	Resp:	42078
Ion Ratio	Lower	Upper	
156	100		
77	186.1	94.0	282.1
158	97.9	48.7	146.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#78

n-propylbenzene

Concen: 18.486 ug/l

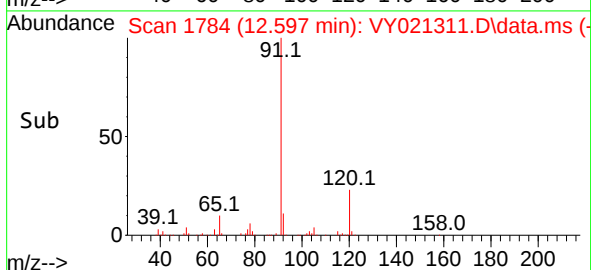
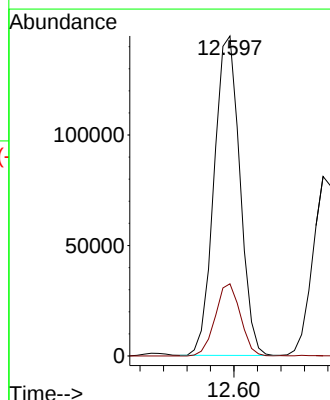
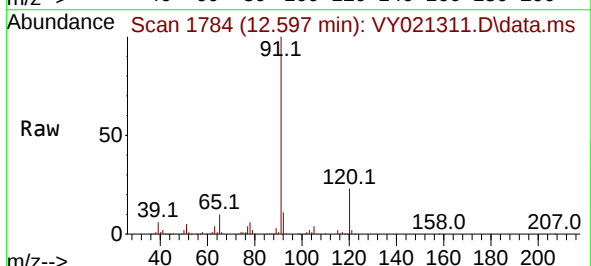
RT: 12.597 min Scan# 1784

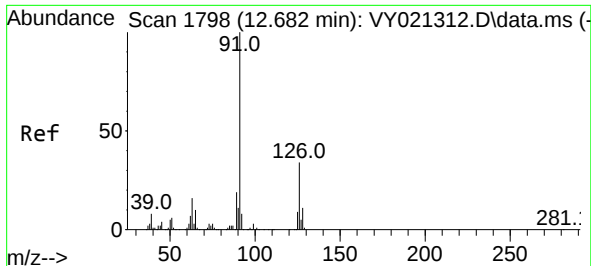
Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Tgt Ion:	91	Resp:	220158
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.2	33.5





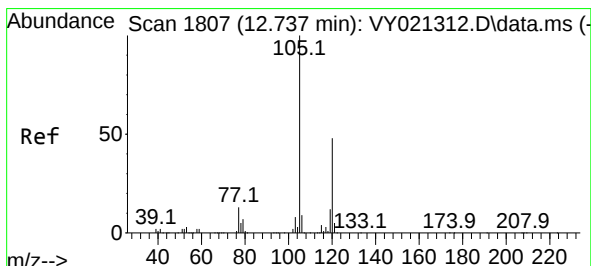
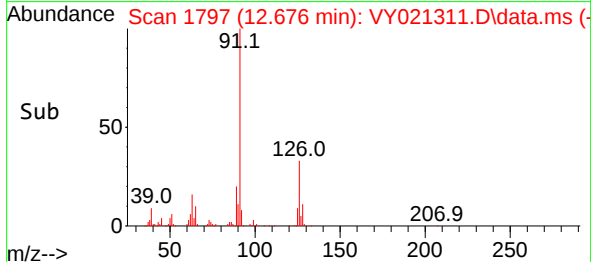
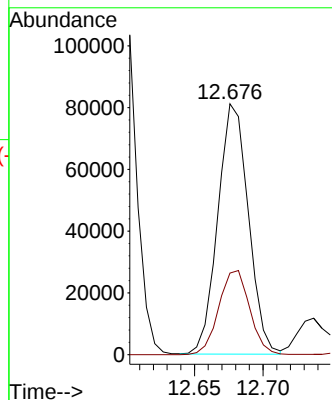
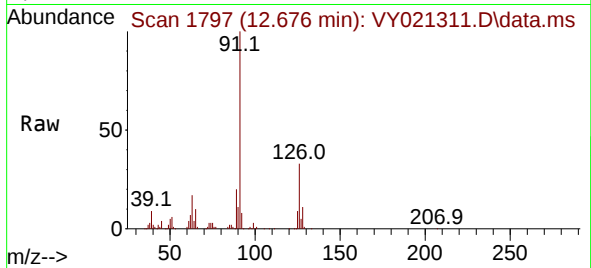
#79
2-Chlorotoluene
Concen: 18.430 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 125969
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6

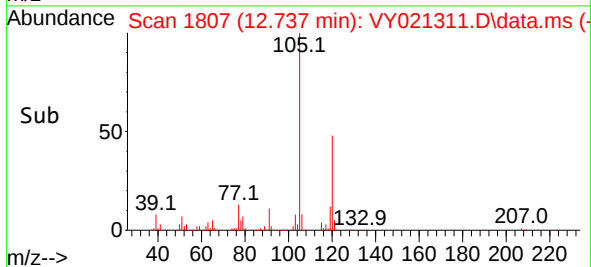
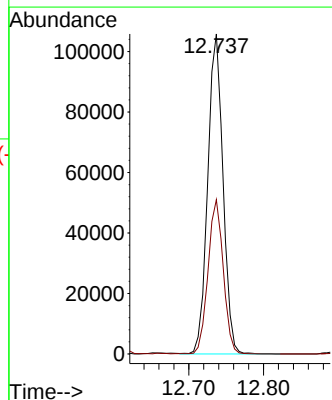
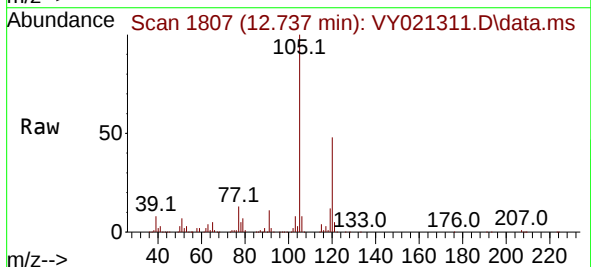
Manual Integrations
APPROVED

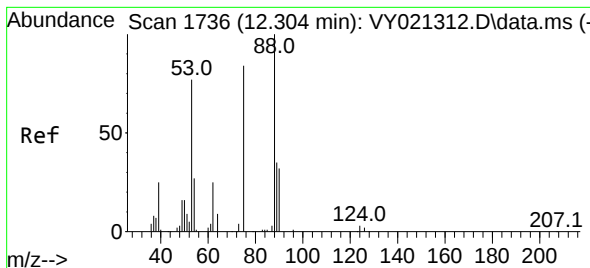
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.635 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

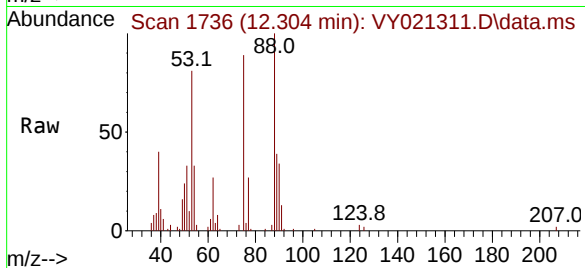
Tgt Ion:105 Resp: 150004
Ion Ratio Lower Upper
105 100
120 48.1 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.483 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

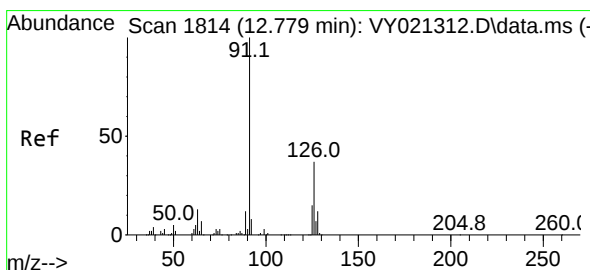
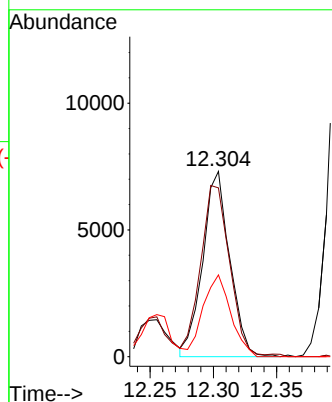
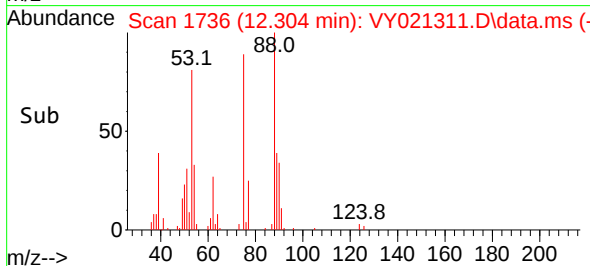
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 10860
Ion Ratio Lower Upper
75 100
53 100.2 79.1 118.7
89 44.9 35.6 53.4

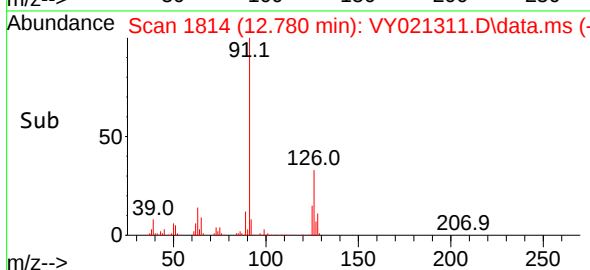
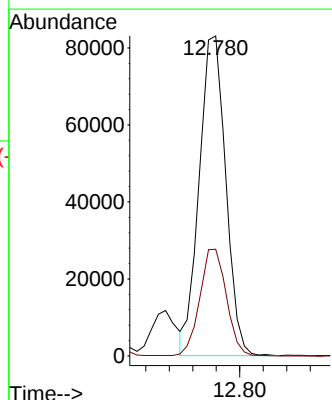
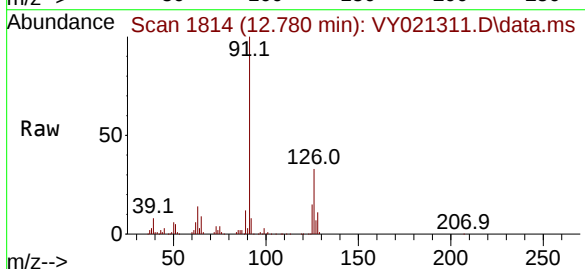
Manual Integrations
APPROVED

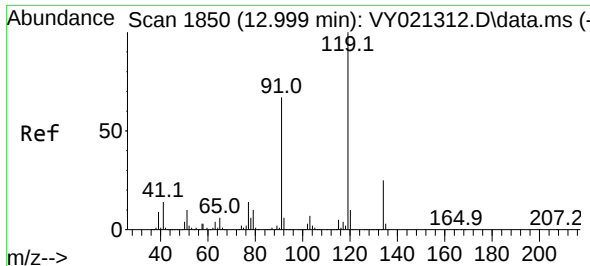
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#82
4-Chlorotoluene
Concen: 18.396 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 91 Resp: 130335
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





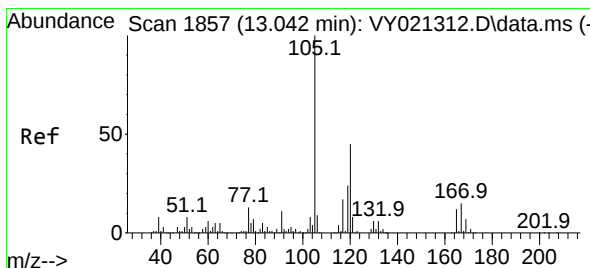
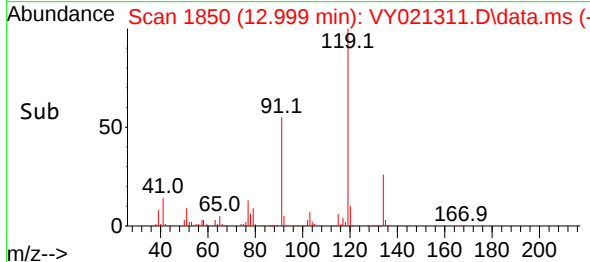
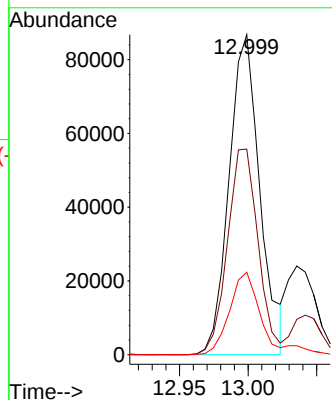
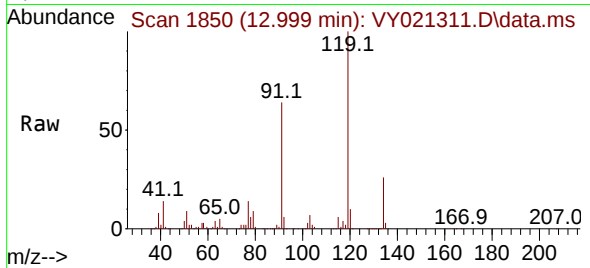
#83
tert-Butylbenzene
Concen: 18.681 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 135829
Ion Ratio Lower Upper
119 100
91 64.0 32.7 98.1
134 26.8 13.3 39.9

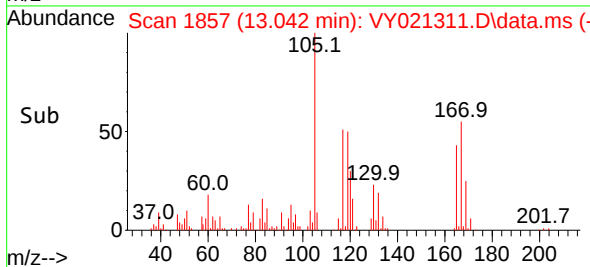
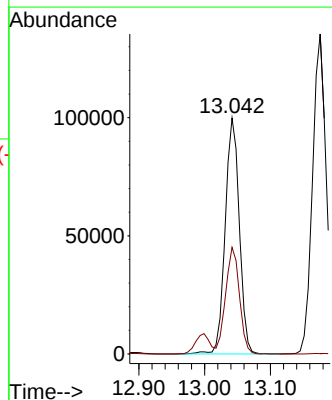
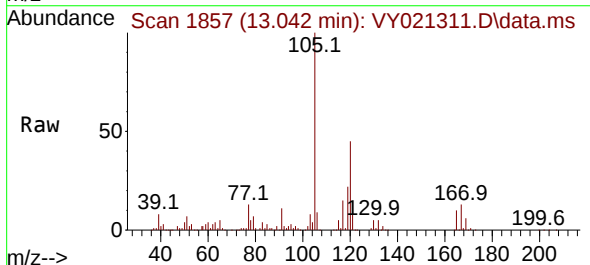
Manual Integrations
APPROVED

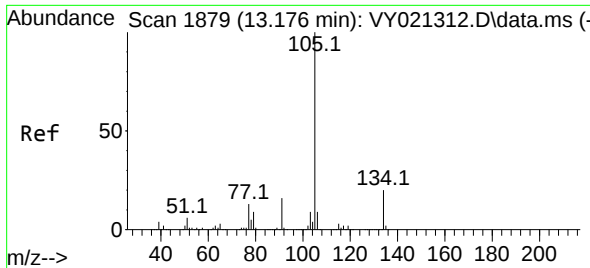
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#84
1,2,4-Trimethylbenzene
Concen: 18.657 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:105 Resp: 149358
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3





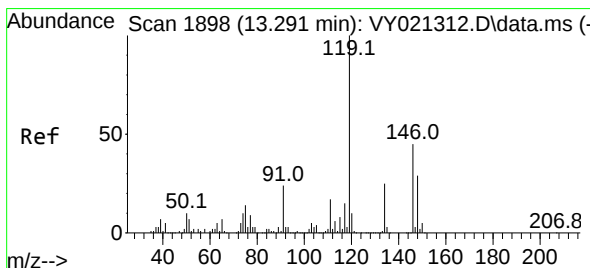
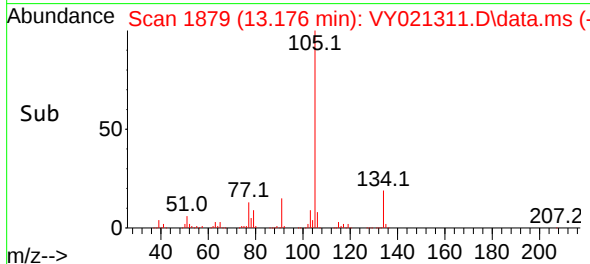
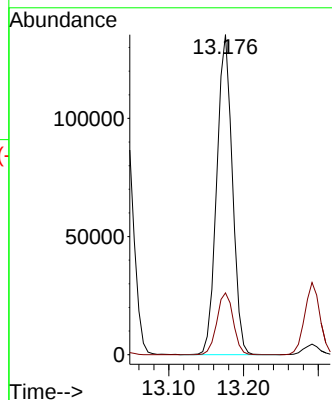
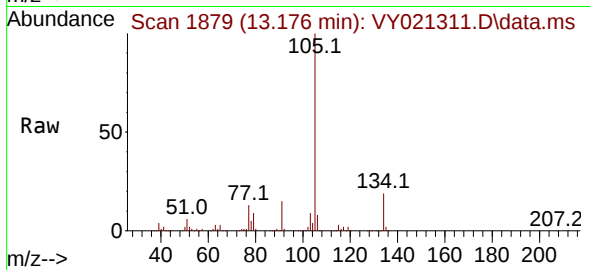
#85
 sec-Butylbenzene
 Concen: 18.486 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021311.D
 Acq: 25 Feb 2025 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 196335
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0

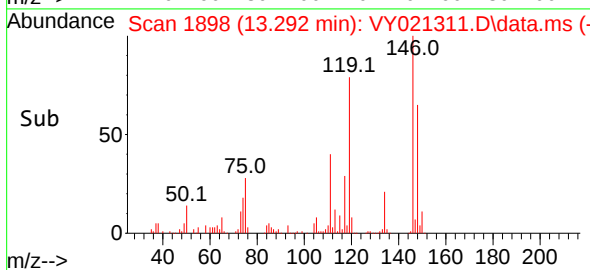
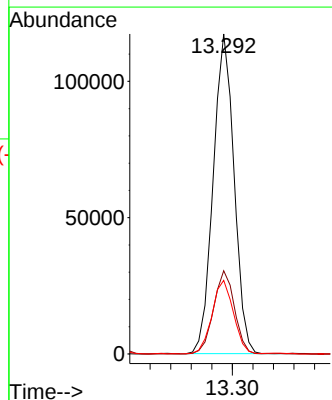
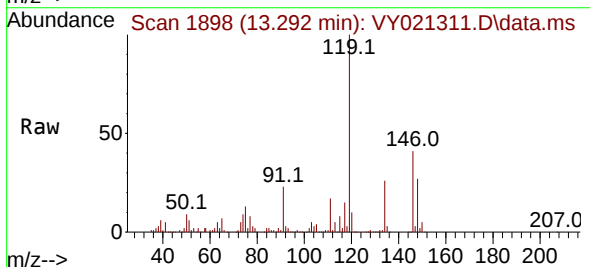
Manual Integrations
 APPROVED

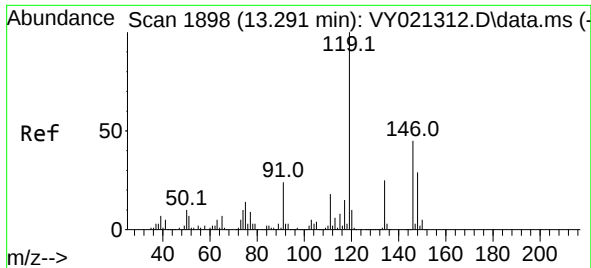
Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#86
 p-Isopropyltoluene
 Concen: 18.620 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021311.D
 Acq: 25 Feb 2025 13:26

Tgt Ion:119 Resp: 165127
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 23.5 12.0 36.1





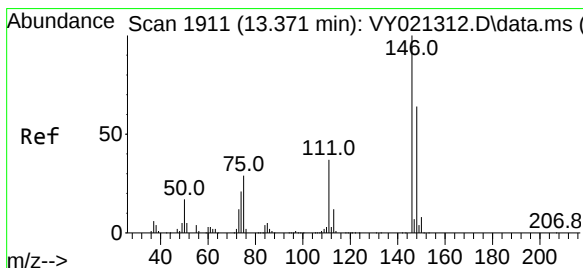
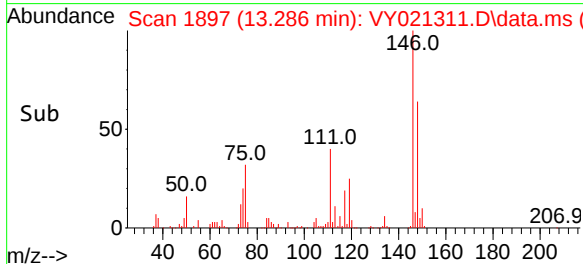
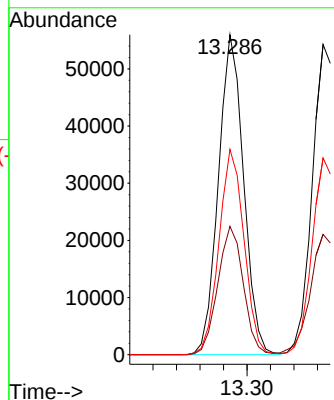
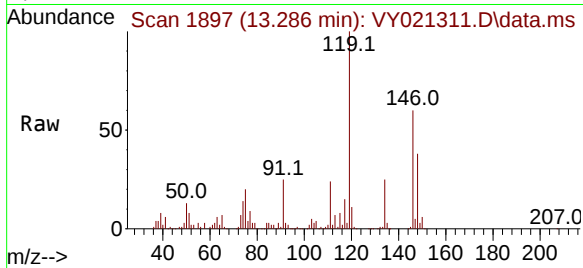
#87
1,3-Dichlorobenzene
Concen: 18.483 ug/l
RT: 13.286 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 8346
Ion Ratio Lower Upper
146 100
111 40.5 20.0 59.9
148 64.0 31.9 95.9

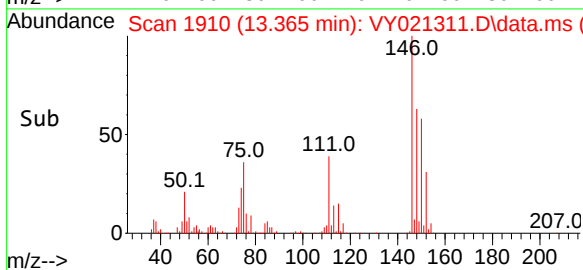
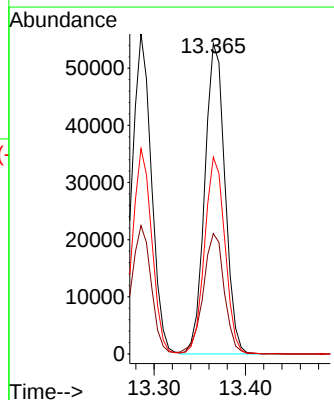
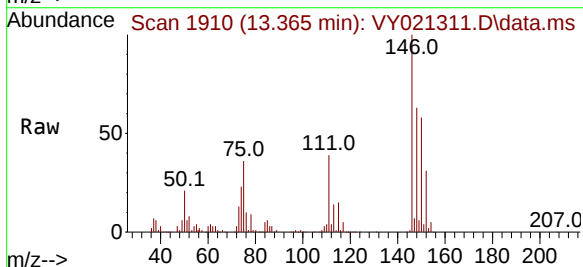
Manual Integrations
APPROVED

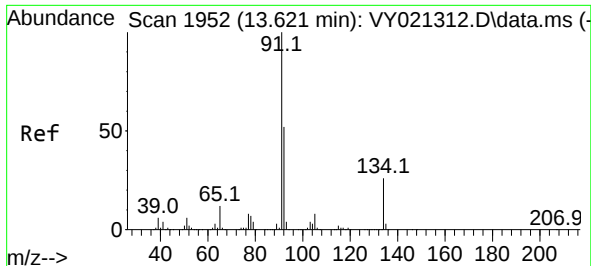
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#88
1,4-Dichlorobenzene
Concen: 18.646 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:146 Resp: 83179
Ion Ratio Lower Upper
146 100
111 40.6 19.5 58.5
148 63.9 32.0 96.2





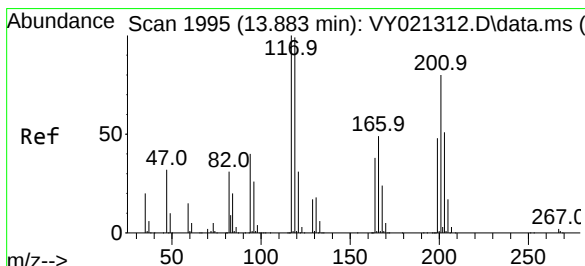
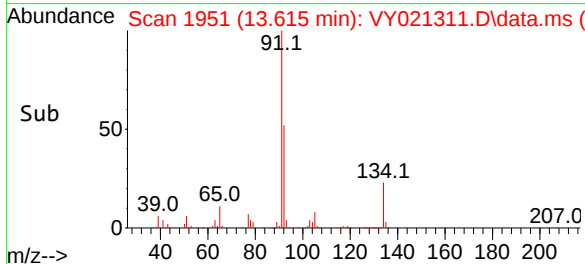
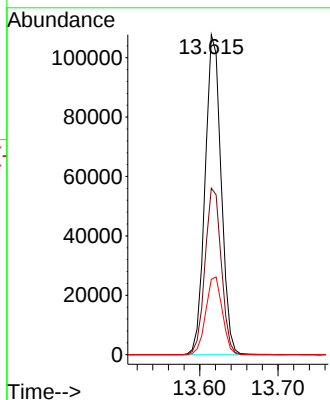
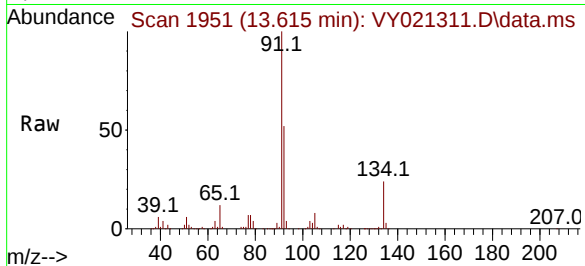
#89
n-Butylbenzene
Concen: 18.337 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 15303
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 25.0 12.7 38.0

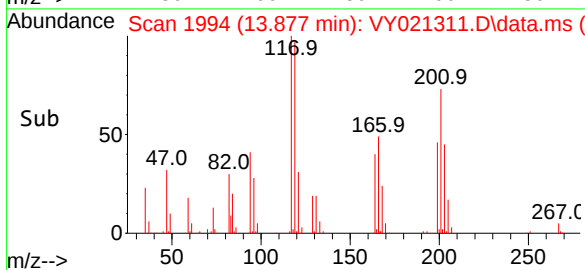
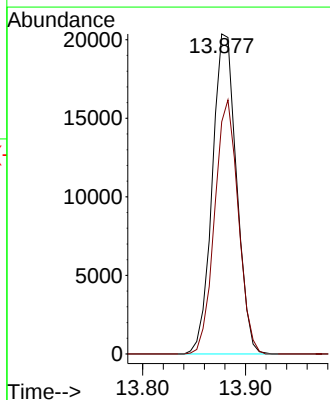
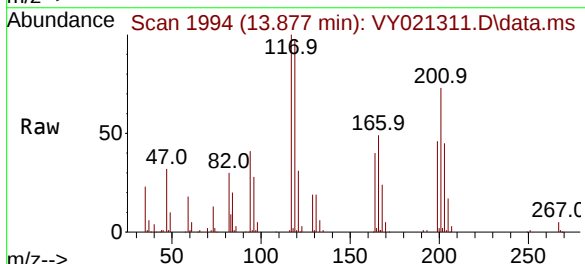
Manual Integrations
APPROVED

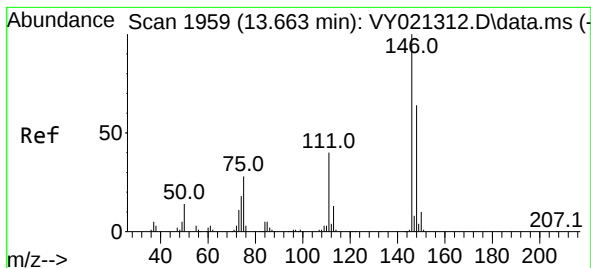
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#90
Hexachloroethane
Concen: 17.998 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:117 Resp: 33341
Ion Ratio Lower Upper
117 100
201 77.3 38.4 115.2





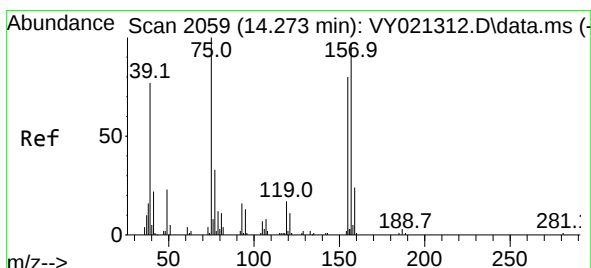
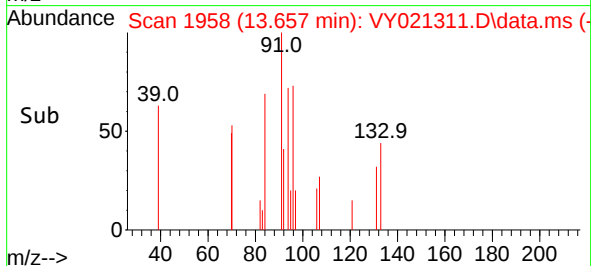
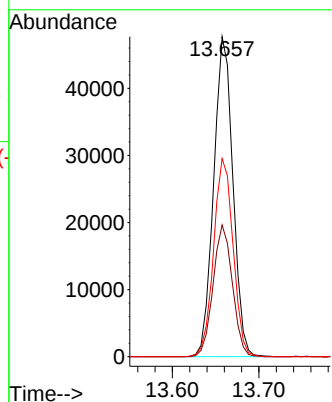
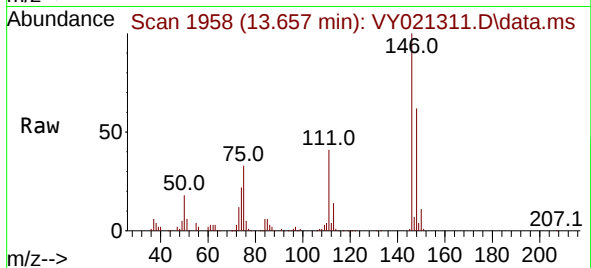
#91
1,2-Dichlorobenzene
Concen: 18.581 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 7351
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 62.8 31.7 95.1

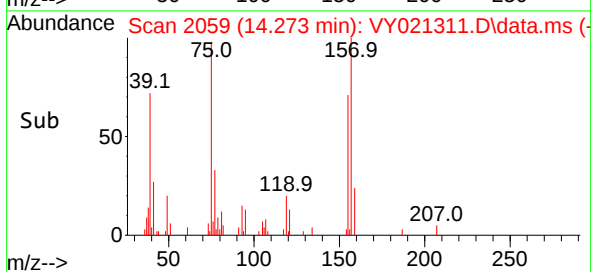
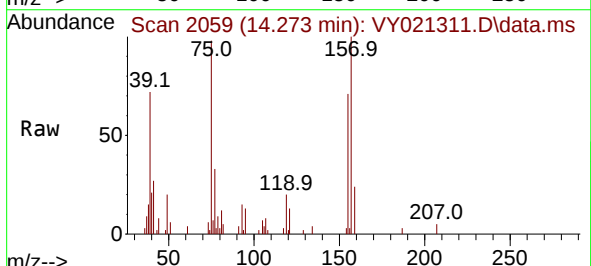
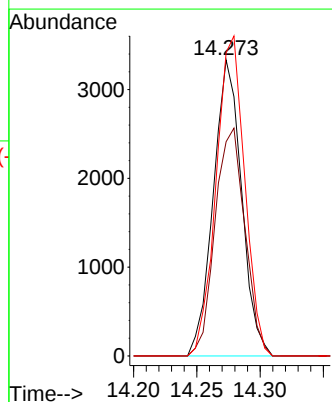
Manual Integrations
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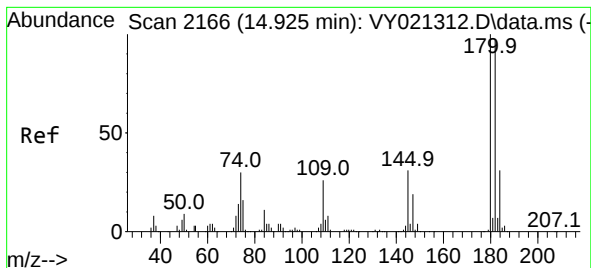
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.908 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion: 75 Resp: 5181
Ion Ratio Lower Upper
75 100
155 81.2 41.9 125.6
157 109.0 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 17.770 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

Instrument :

MSVOA_Y

ClientSampleId :

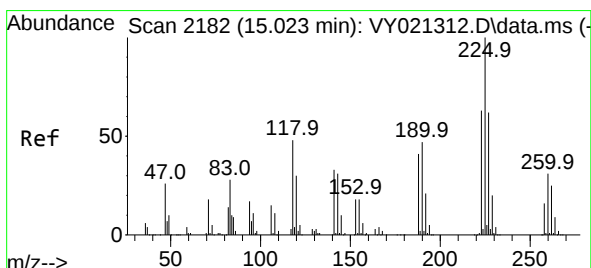
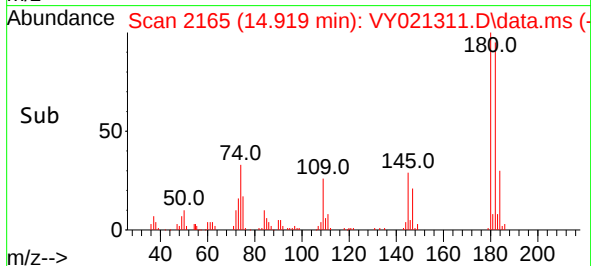
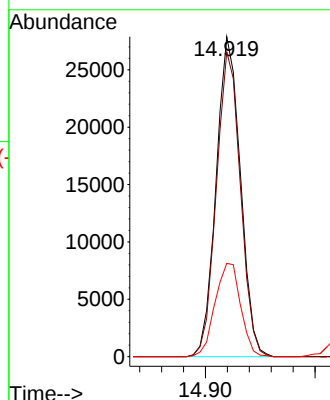
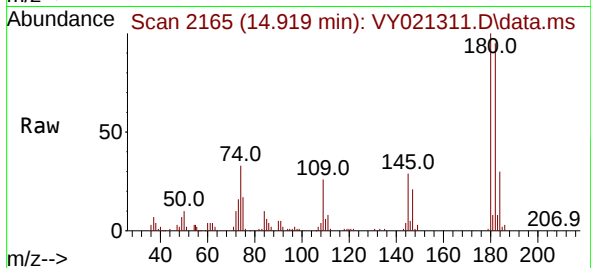
VSTDIC020

Tgt Ion:	180	Resp:	42908
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.9	143.7
145	30.7	15.6	46.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#94

Hexachlorobutadiene

Concen: 17.771 ug/l

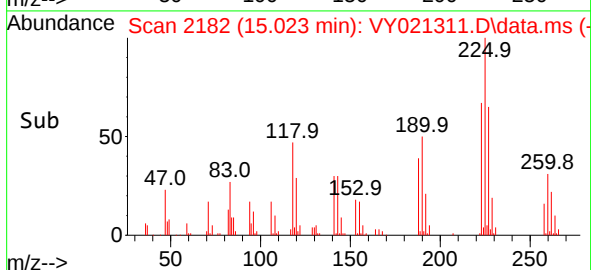
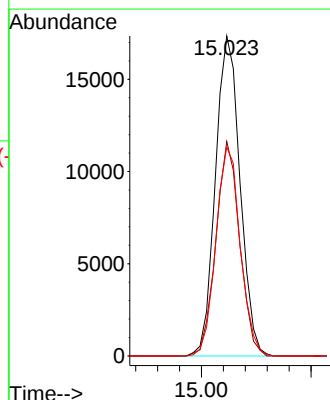
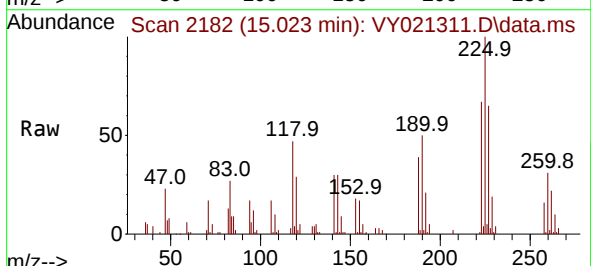
RT: 15.023 min Scan# 2182

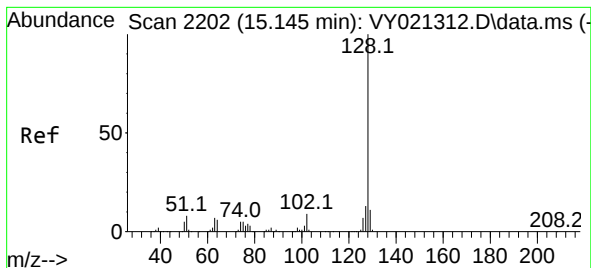
Delta R.T. 0.000 min

Lab File: VY021311.D

Acq: 25 Feb 2025 13:26

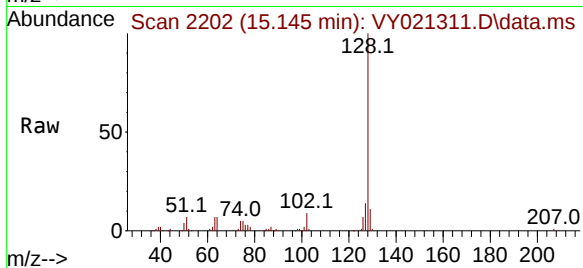
Tgt Ion:	225	Resp:	27015
Ion Ratio	Lower	Upper	
225	100		
223	64.5	31.8	95.4
227	64.7	31.9	95.7





#95
Naphthalene
Concen: 17.763 ug/l
RT: 15.145 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

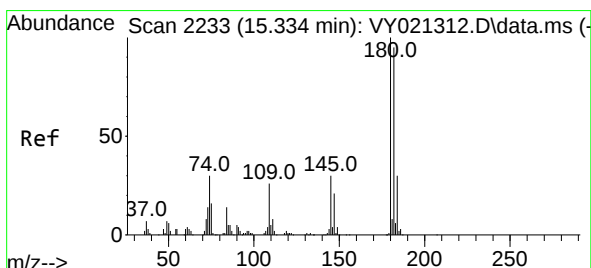
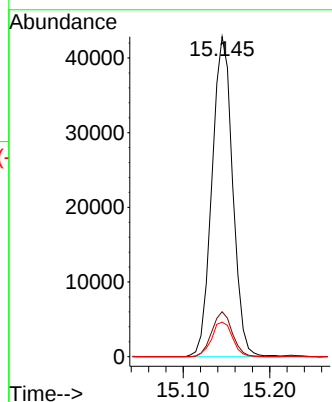
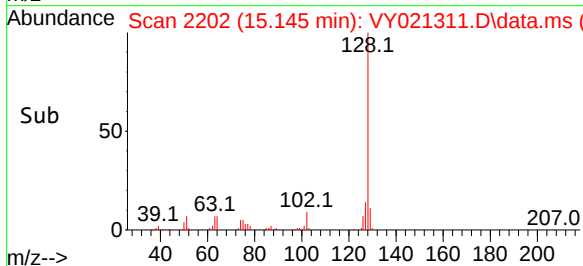
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 71044
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 10.9 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.871 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021311.D
Acq: 25 Feb 2025 13:26

Tgt Ion:180 Resp: 36460
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 32.9 16.1 48.3

