

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021226.D
 Acq On : 18 Feb 2025 10:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 04:11:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	160761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	250180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	217548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	107740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	90215	54.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.540%	
35) Dibromofluoromethane	7.646	113	82278	51.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.640%	
50) Toluene-d8	10.115	98	309032	50.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.414	95	107145	53.730	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	63306	44.182	ug/l	98
3) Chloromethane	2.074	50	69351	49.050	ug/l	98
4) Vinyl Chloride	2.214	62	71318	50.114	ug/l	99
5) Bromomethane	2.611	94	40267	45.780	ug/l	94
6) Chloroethane	2.745	64	43641	51.515	ug/l	98
7) Trichlorofluoromethane	3.074	101	121973	47.045	ug/l	99
8) Diethyl Ether	3.470	74	40968	50.617	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.830	101	75481	46.387	ug/l	96
10) Methyl Iodide	4.019	142	83419	46.144	ug/l	93
11) Tert butyl alcohol	4.909	59	29457	263.909	ug/l	97
12) 1,1-Dichloroethene	3.805	96	70226	45.815	ug/l	86
13) Acrolein	3.671	56	31708	184.478	ug/l	99
14) Allyl chloride	4.397	41	127561	49.378	ug/l	95
15) Acrylonitrile	5.080	53	97393	288.967	ug/l	99
16) Acetone	3.891	43	76046	296.054	ug/l	95
17) Carbon Disulfide	4.122	76	205048	42.660	ug/l	100
18) Methyl Acetate	4.403	43	55565	61.622	ug/l	97
19) Methyl tert-butyl Ether	5.134	73	211721	54.648	ug/l	98
20) Methylene Chloride	4.635	84	77960	48.822	ug/l	93
21) trans-1,2-Dichloroethene	5.134	96	77932	46.189	ug/l	93
22) Diisopropyl ether	6.037	45	280711	52.718	ug/l	99
23) Vinyl Acetate	5.976	43	827659	278.825	ug/l	98
24) 1,1-Dichloroethane	5.933	63	152298	48.818	ug/l	99
25) 2-Butanone	6.915	43	125560	297.465	ug/l	94
26) 2,2-Dichloropropane	6.902	77	139312	48.261	ug/l	97
27) cis-1,2-Dichloroethene	6.909	96	94393	48.604	ug/l	94
28) Bromochloromethane	7.256	49	68245	55.321	ug/l	98
29) Tetrahydrofuran	7.280	42	86073	301.355	ug/l	94
30) Chloroform	7.433	83	157658	49.200	ug/l	98
31) Cyclohexane	7.713	56	126019	44.856	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	144428	48.478	ug/l	99
36) 1,1-Dichloropropene	7.847	75	110708	46.618	ug/l	99
37) Ethyl Acetate	7.000	43	60765	58.327	ug/l	98
38) Carbon Tetrachloride	7.829	117	130260	46.943	ug/l	99
39) Methylcyclohexane	9.122	83	136558	47.011	ug/l	98
40) Benzene	8.091	78	334494	47.996	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	34180	56.710	ug/l	97
42) 1,2-Dichloroethane	8.171	62	99609	51.524	ug/l	95
43) Isopropyl Acetate	8.207	43	120420	58.172	ug/l	96
44) Trichloroethene	8.878	130	82996	46.095	ug/l	97
45) 1,2-Dichloropropane	9.152	63	82840	50.080	ug/l	99
46) Dibromomethane	9.243	93	46509	50.782	ug/l	96
47) Bromodichloromethane	9.432	83	123215	50.163	ug/l	97
48) Methyl methacrylate	9.231	41	57406	60.880	ug/l	92
49) 1,4-Dioxane	9.243	88	9899	1161.039	ug/l	89
51) 4-Methyl-2-Pentanone	10.006	43	317098	304.615	ug/l	97
52) Toluene	10.182	92	212394	48.537	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	116992	53.044	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	133505	51.123	ug/l	91
55) 1,1,2-Trichloroethane	10.585	97	60608	51.103	ug/l	98
56) Ethyl methacrylate	10.451	69	90796	57.227	ug/l	90
57) 1,3-Dichloropropane	10.725	76	107479	52.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	213867	283.339	ug/l	99
59) 2-Hexanone	10.768	43	213413	318.410	ug/l	96
60) Dibromochloromethane	10.920	129	86529	51.953	ug/l	98
61) 1,2-Dibromoethane	11.024	107	57824	52.052	ug/l	100
64) Tetrachloroethene	10.658	164	72772	45.061	ug/l	98
65) Chlorobenzene	11.450	112	229812	47.442	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	83725	48.636	ug/l	96
67) Ethyl Benzene	11.530	91	414961	48.432	ug/l	99
68) m/p-Xylenes	11.639	106	307907	96.064	ug/l	97
69) o-Xylene	11.963	106	145304	48.624	ug/l	97
70) Styrene	11.981	104	248391	49.871	ug/l	98
71) Bromoform	12.145	173	50820	53.037	ug/l #	97
73) Isopropylbenzene	12.267	105	391307	46.496	ug/l	100
74) N-amyl acetate	12.078	43	109100	59.294	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.517	83	74727	53.388	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	50352m	51.520	ug/l	
77) Bromobenzene	12.542	156	90715	46.709	ug/l	96
78) n-propylbenzene	12.603	91	474846	47.364	ug/l	99
79) 2-Chlorotoluene	12.688	91	269485	46.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	324839	47.606	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	26144	54.583	ug/l	96
82) 4-Chlorotoluene	12.786	91	276477	47.259	ug/l	100
83) tert-Butylbenzene	13.005	119	286951	46.266	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	318570	47.749	ug/l	98
85) sec-Butylbenzene	13.188	105	423816	47.471	ug/l	98
86) p-Isopropyltoluene	13.304	119	352501	47.531	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	176322	47.019	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	174171	47.172	ug/l	99
89) n-Butylbenzene	13.627	91	335486	49.587	ug/l	99
90) Hexachloroethane	13.889	117	71860	46.447	ug/l	85
91) 1,2-Dichlorobenzene	13.670	146	157977	48.537	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	12050	57.610	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	99457	54.897	ug/l	97
94) Hexachlorobutadiene	15.035	225	61264	51.029	ug/l	99
95) Naphthalene	15.157	128	181777	62.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	86551	57.406	ug/l	98

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MSVOA_Y
ClientSampleId :
VSTDCCC050

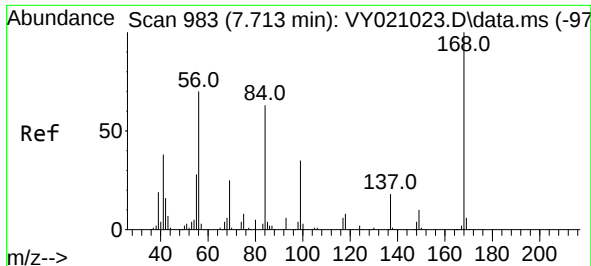
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 04:11:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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



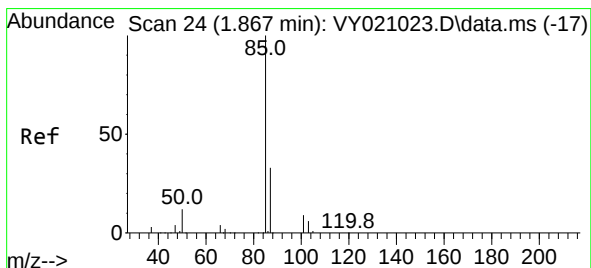
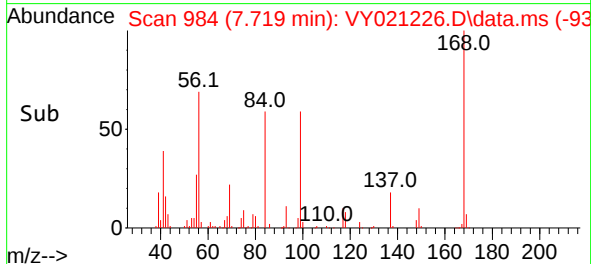
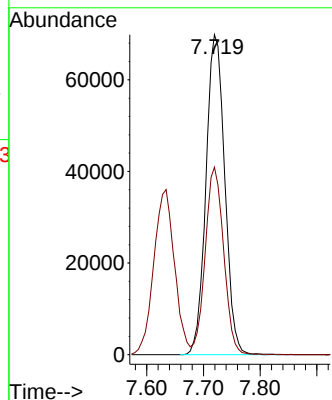
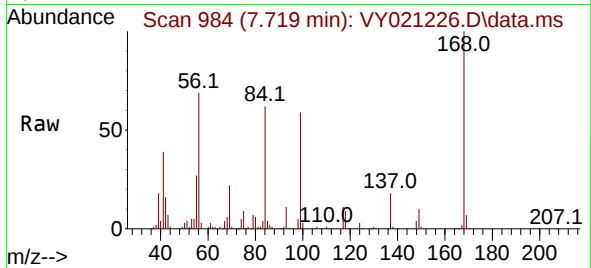
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 16076
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4

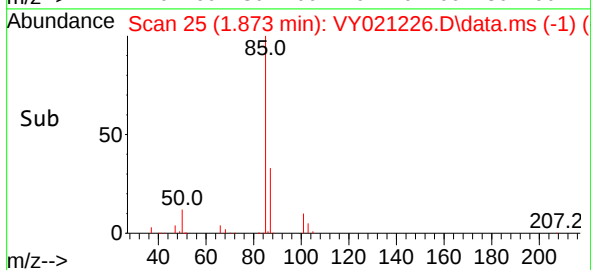
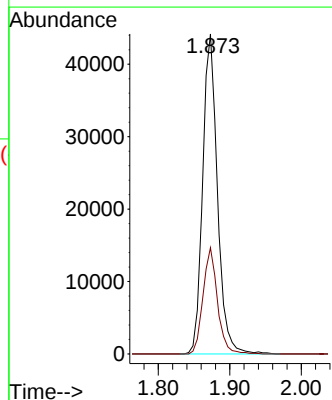
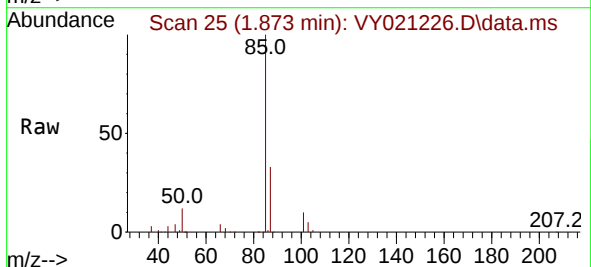
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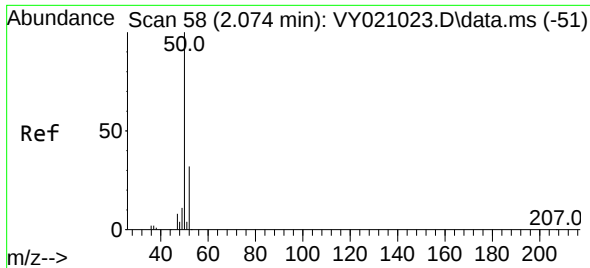
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#2
Dichlorodifluoromethane
Concen: 44.182 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

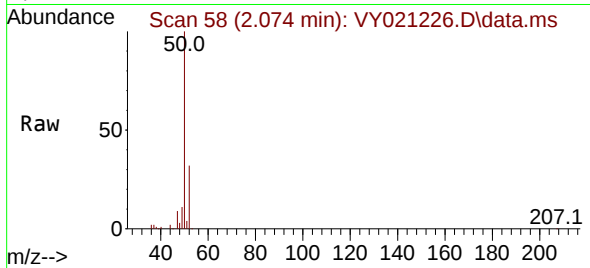
Tgt Ion: 85 Resp: 63306
Ion Ratio Lower Upper
85 100
87 33.2 17.1 51.3





#3
Chloromethane
Concen: 49.050 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

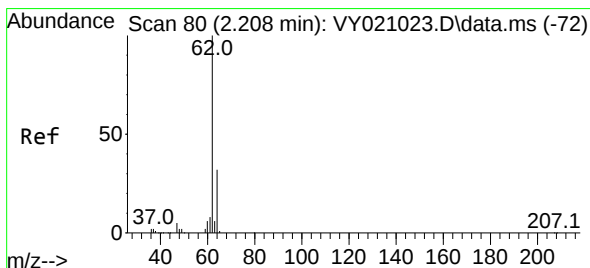
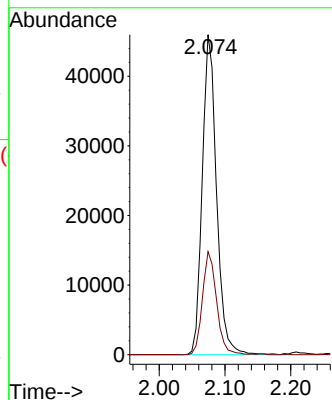
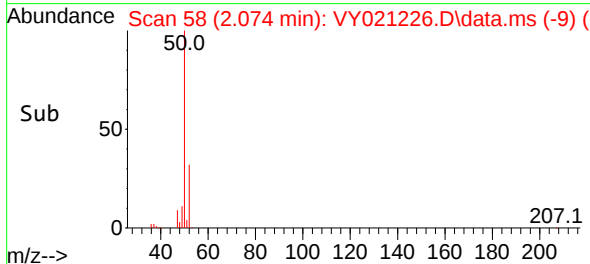
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 6935
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1

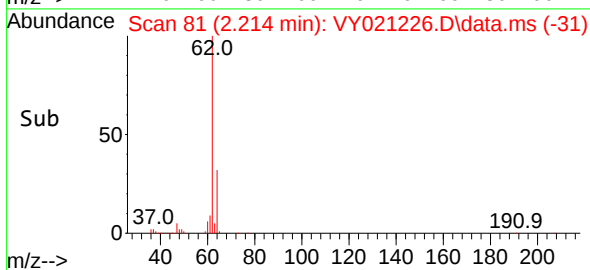
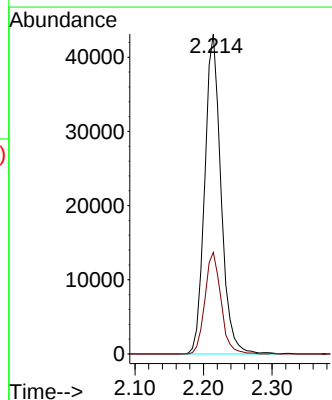
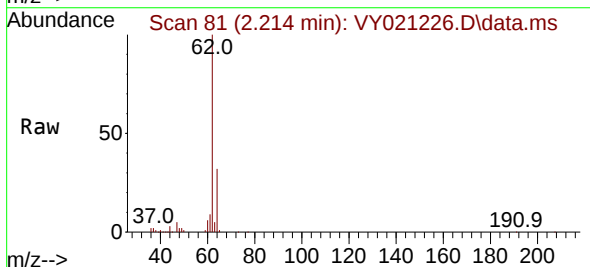
Manual Integrations
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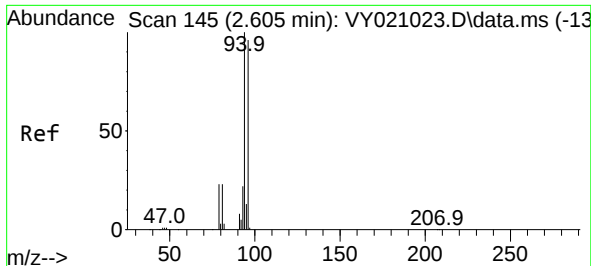
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#4
Vinyl Chloride
Concen: 50.114 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

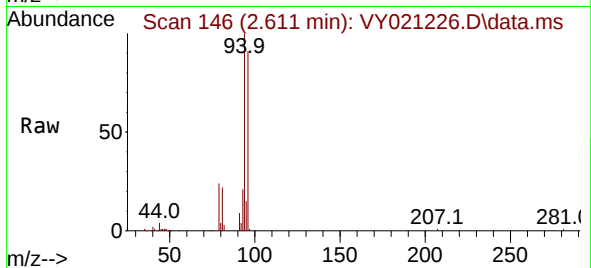
Tgt Ion: 62 Resp: 71318
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





#5
Bromomethane
Concen: 45.780 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

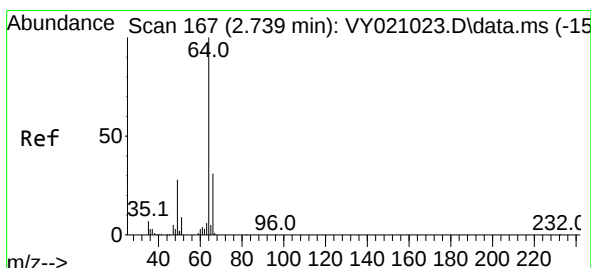
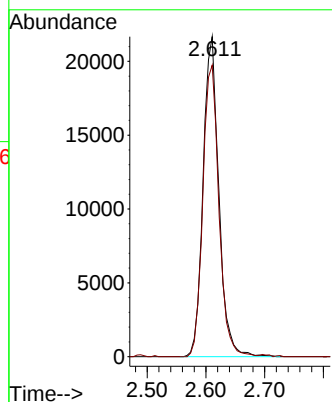
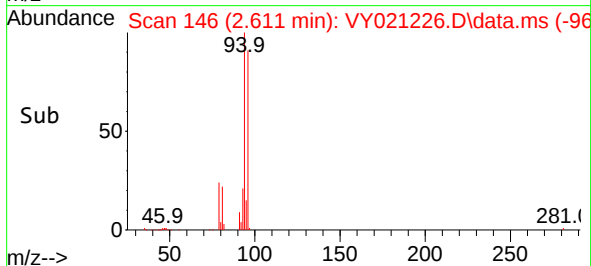
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 4026
Ion Ratio Lower Upper
94 100
96 91.1 77.3 115.9

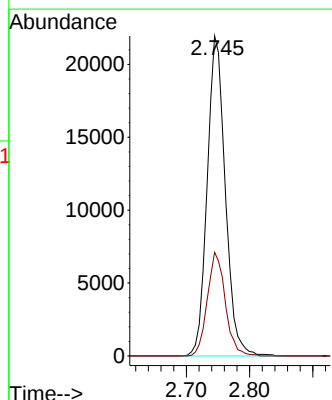
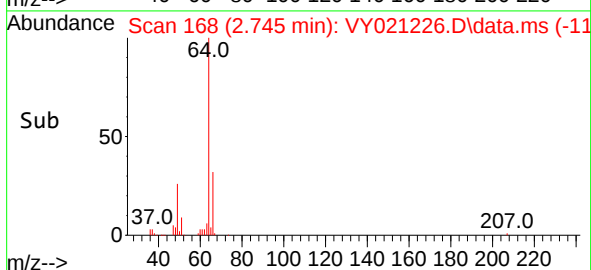
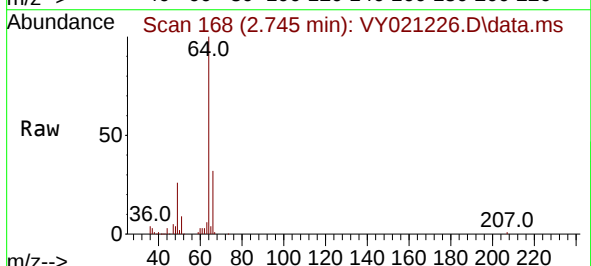
Manual Integrations
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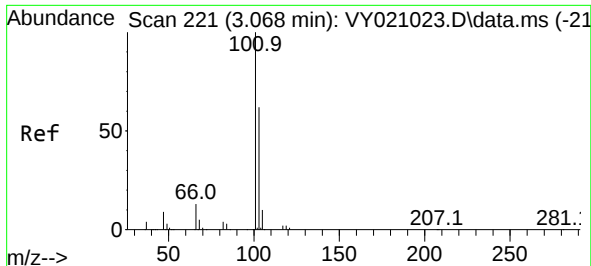
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#6
Chloroethane
Concen: 51.515 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021226.D
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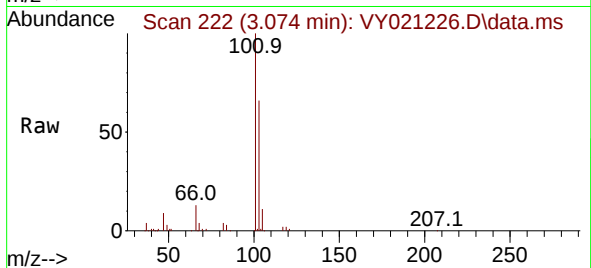
Tgt Ion: 64 Resp: 43641
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.045 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

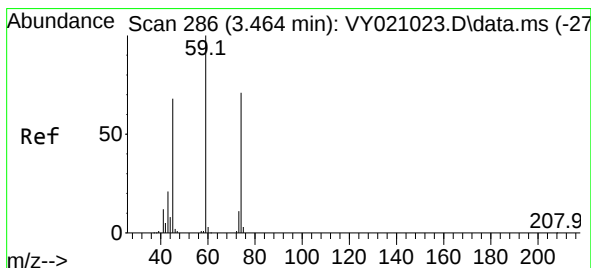
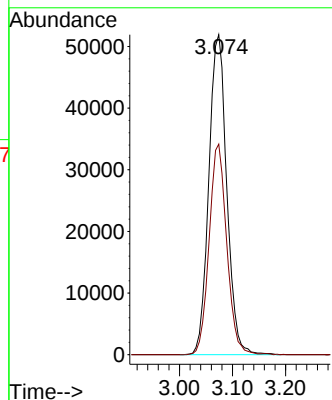
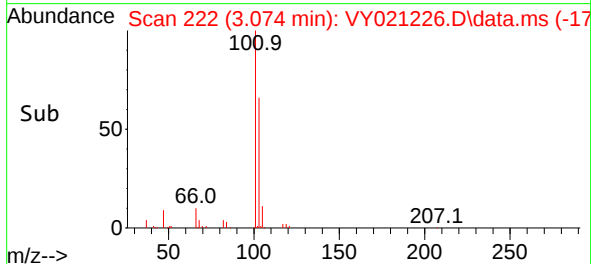
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 12197
Ion Ratio Lower Upper
101 100
103 65.8 51.9 77.9

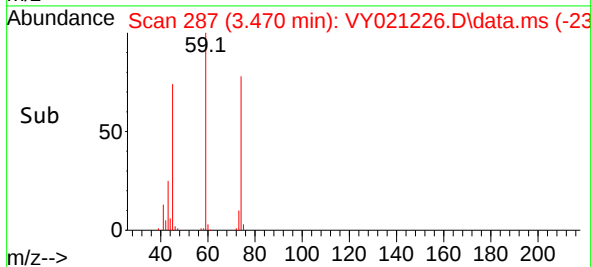
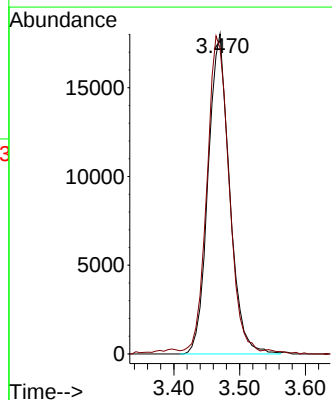
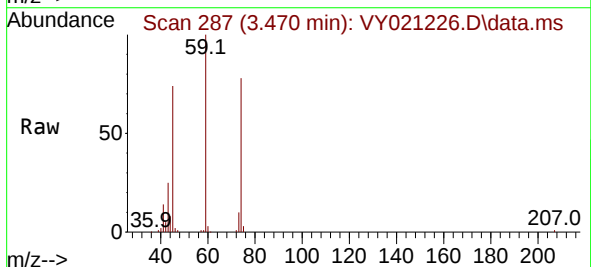
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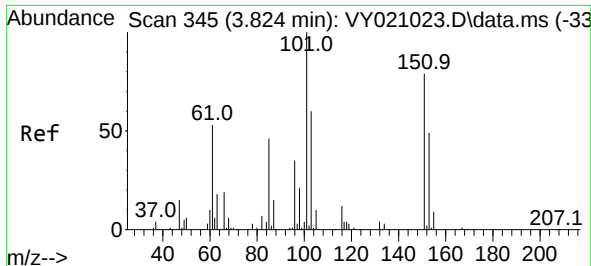
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#8
Diethyl Ether
Concen: 50.617 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 74 Resp: 40968
Ion Ratio Lower Upper
74 100
45 100.6 47.9 143.7





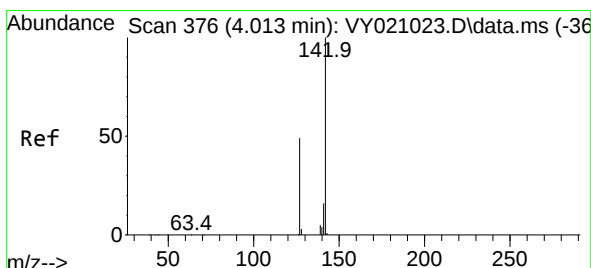
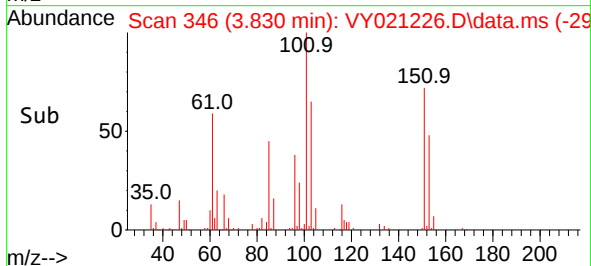
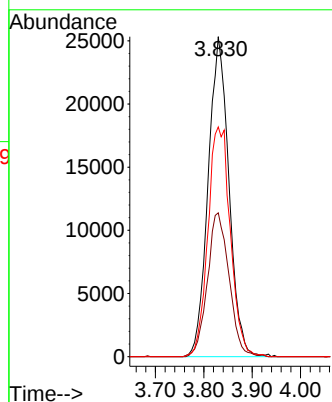
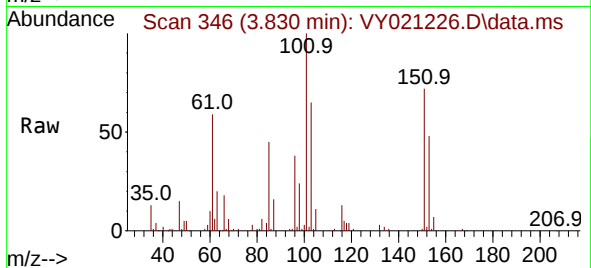
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.387 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7548
Ion Ratio Lower Upper
101 100
85 46.8 35.8 53.6
151 77.7 58.6 88.0

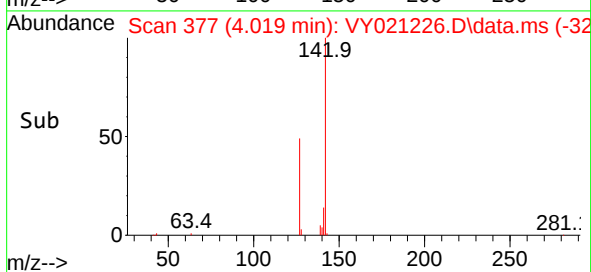
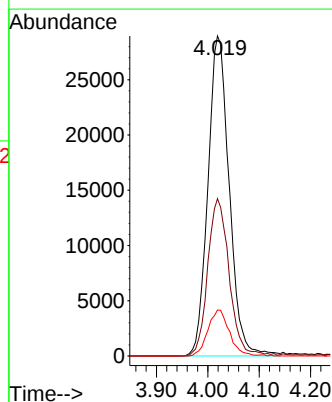
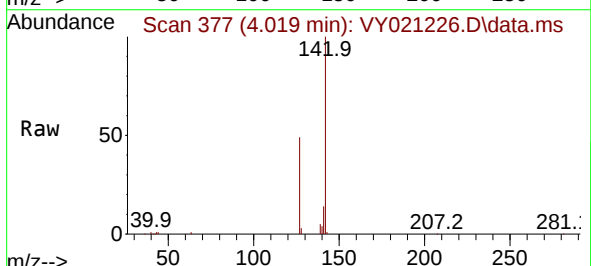
Manual Integrations
APPROVED

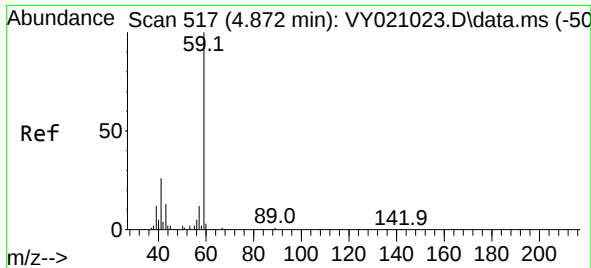
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 46.144 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion:142 Resp: 83419
Ion Ratio Lower Upper
142 100
127 49.4 35.1 52.7
141 14.4 11.8 17.6





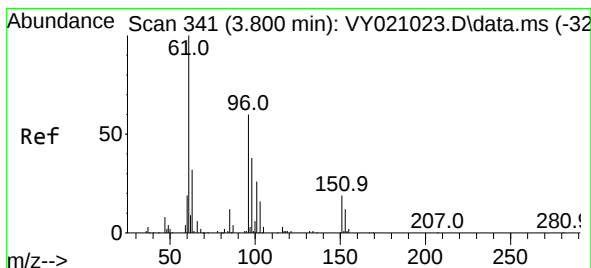
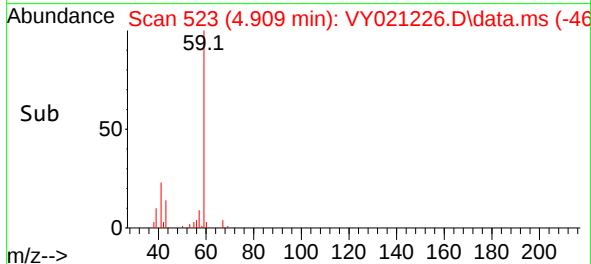
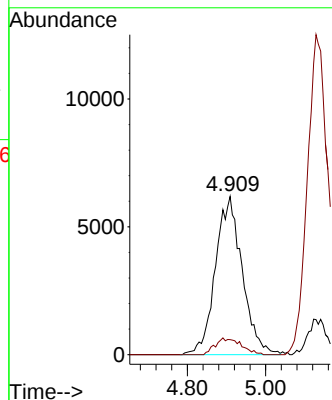
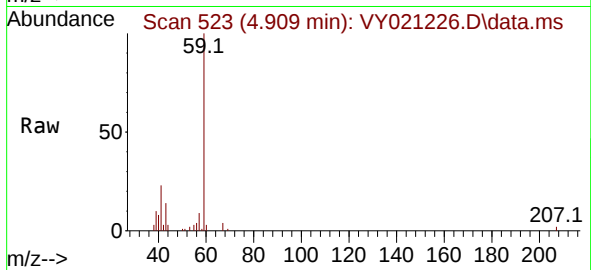
#11
Tert butyl alcohol
Concen: 263.909 ug/l
RT: 4.909 min Scan# 517
Delta R.T. 0.036 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 2945
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.0

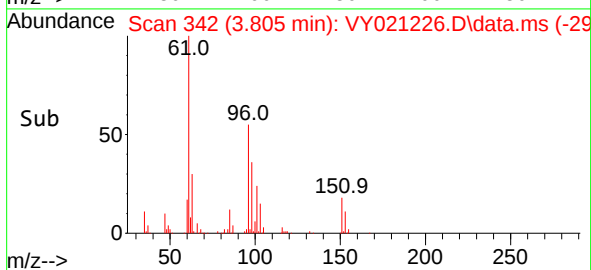
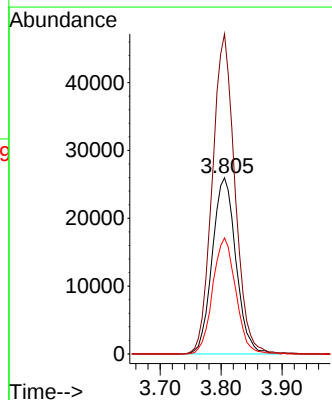
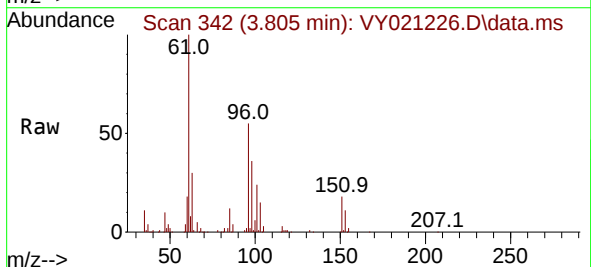
Manual Integrations
APPROVED

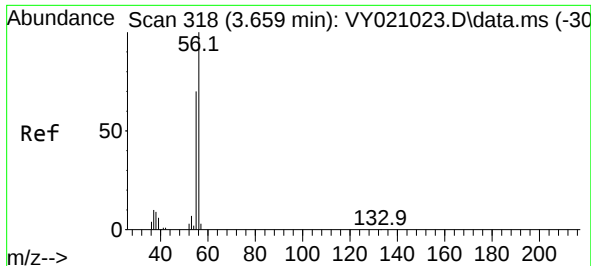
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 45.815 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 96 Resp: 70226
Ion Ratio Lower Upper
96 100
61 181.6 124.2 186.2
98 65.8 52.6 79.0





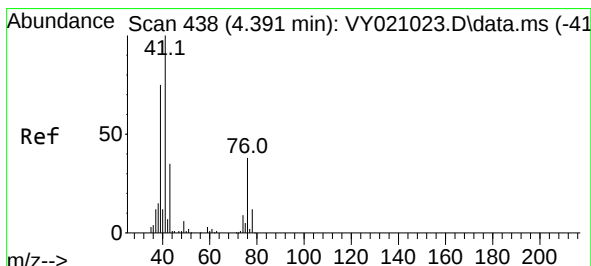
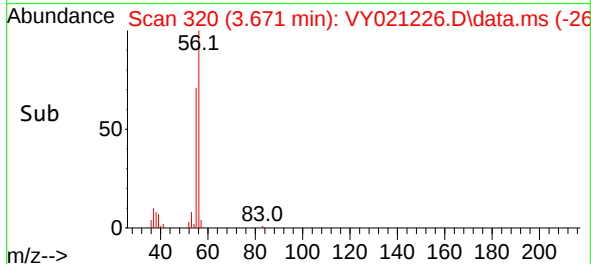
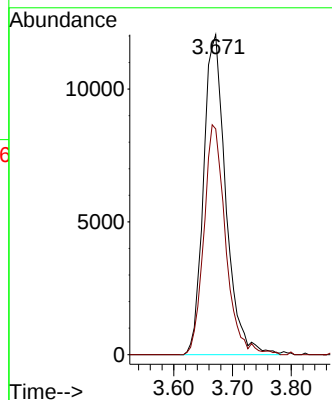
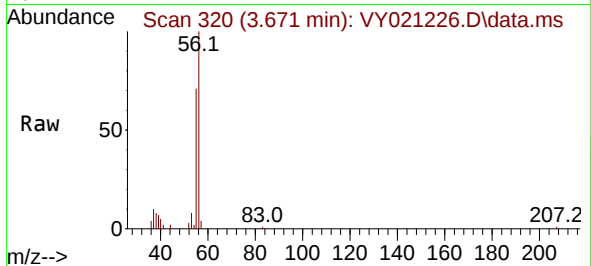
#13
Acrolein
Concen: 184.478 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 31708
Ion Ratio Lower Upper
56 100
55 70.3 55.4 83.0

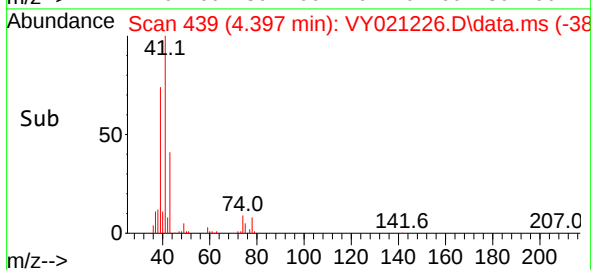
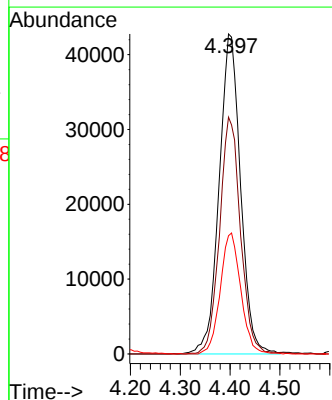
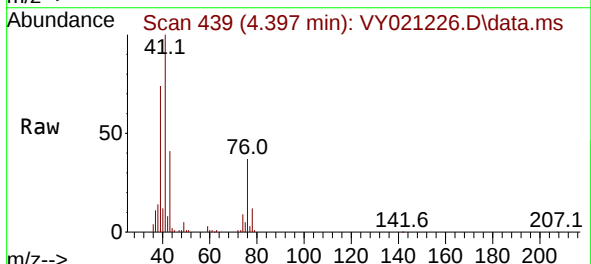
Manual Integrations
APPROVED

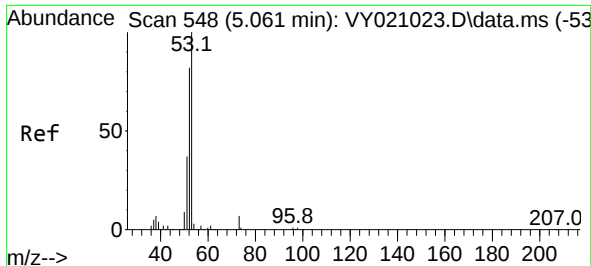
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 49.378 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

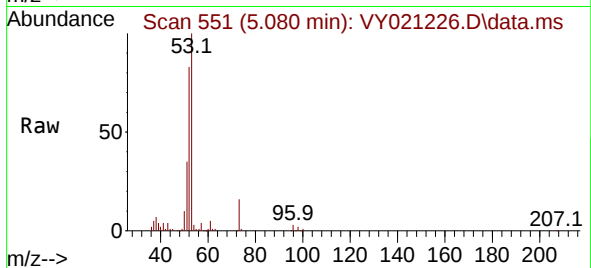
Tgt Ion: 41 Resp: 127561
Ion Ratio Lower Upper
41 100
39 72.3 54.7 82.1
76 36.2 31.8 47.6





#15
Acrylonitrile
Concen: 288.967 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

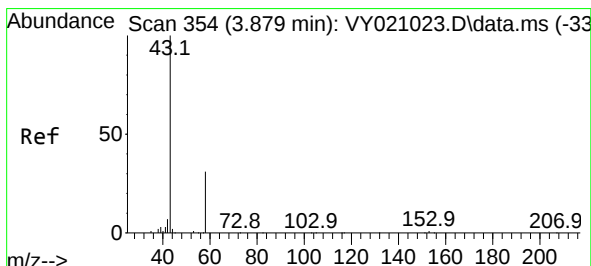
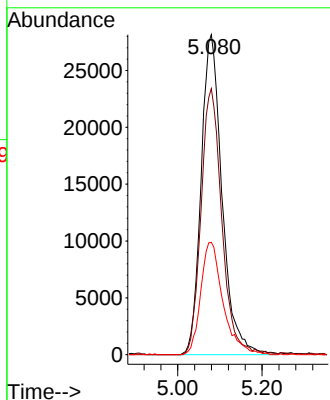
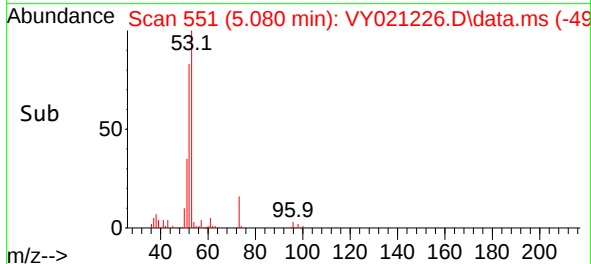
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 9739
Ion Ratio Lower Upper
53 100
52 82.5 65.1 97.7
51 37.4 29.0 43.4

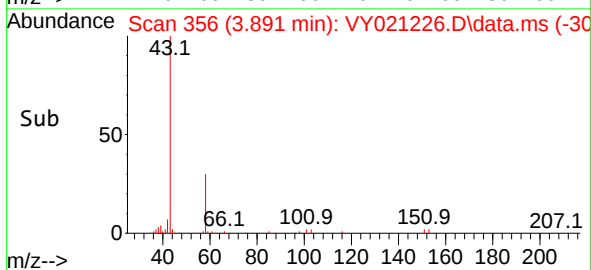
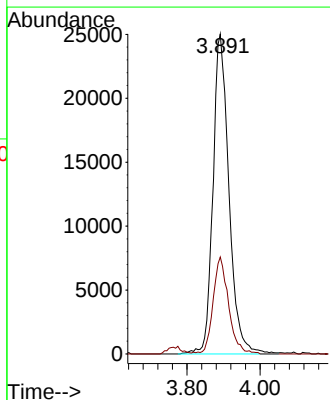
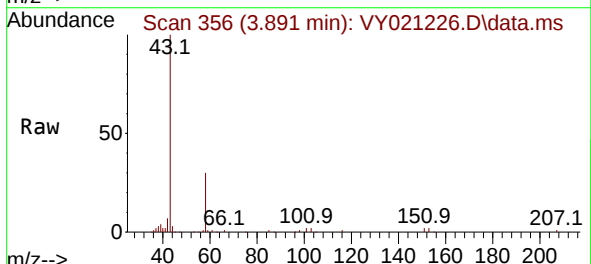
Manual Integrations
APPROVED

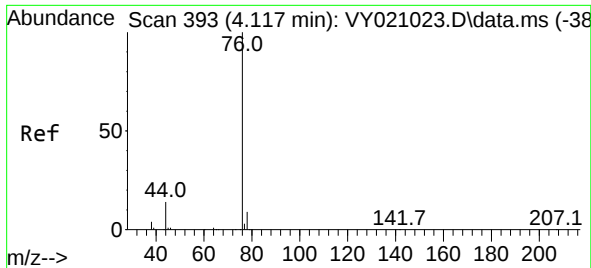
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 296.054 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 43 Resp: 76046
Ion Ratio Lower Upper
43 100
58 30.3 26.6 39.8





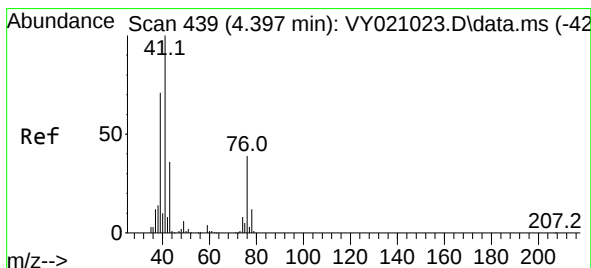
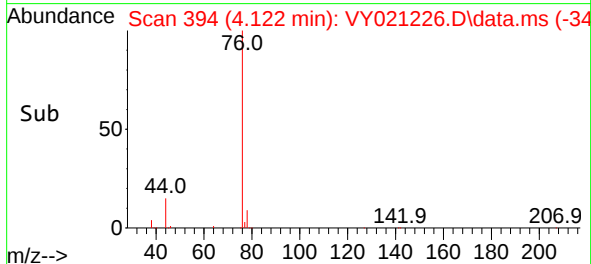
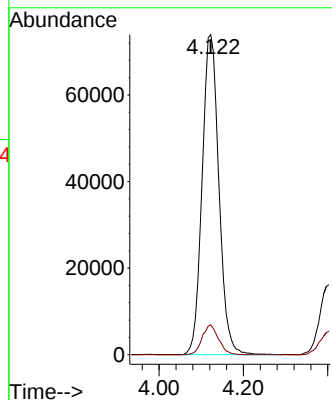
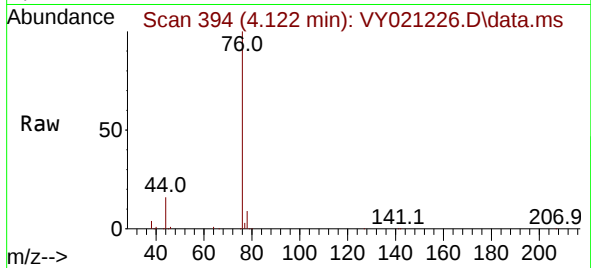
#17
Carbon Disulfide
Concen: 42.660 ug/l
RT: 4.122 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 205048
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

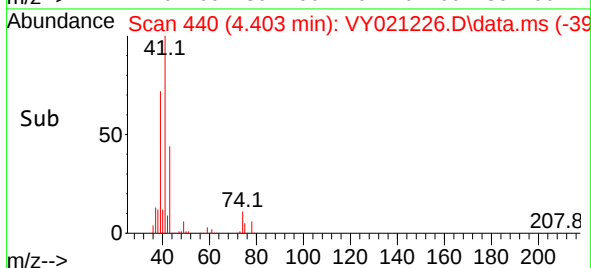
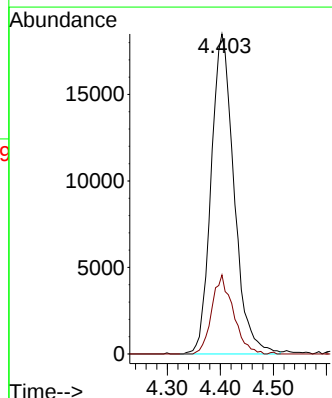
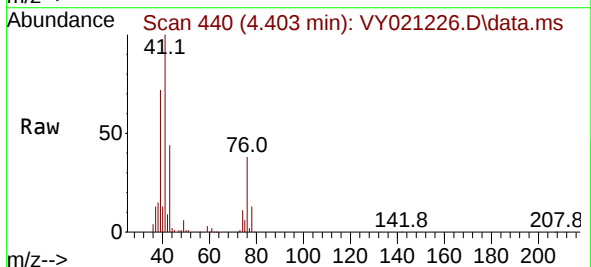
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 61.622 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

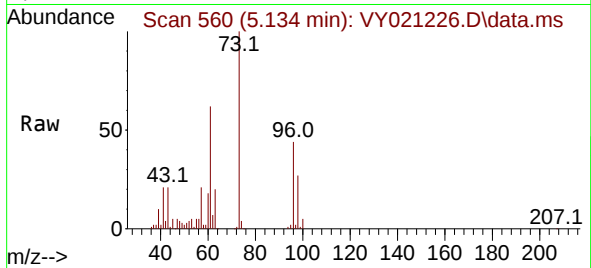
Tgt Ion: 43 Resp: 55565
Ion Ratio Lower Upper
43 100
74 23.1 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 54.648 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

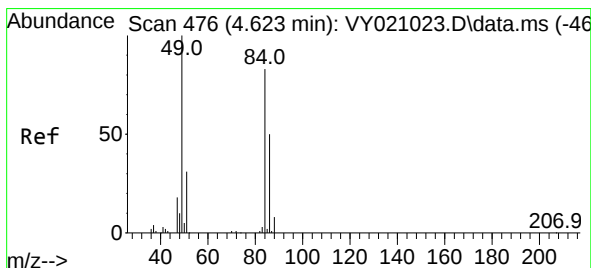
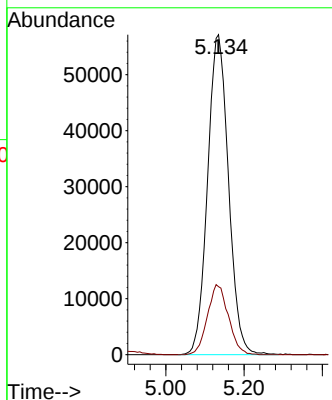
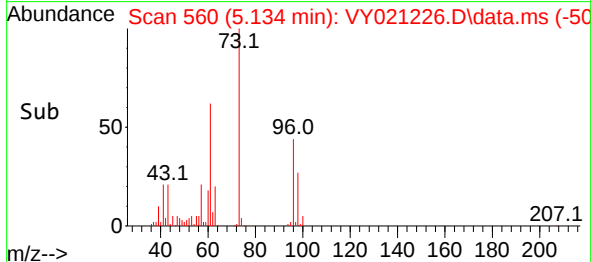
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 21172
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

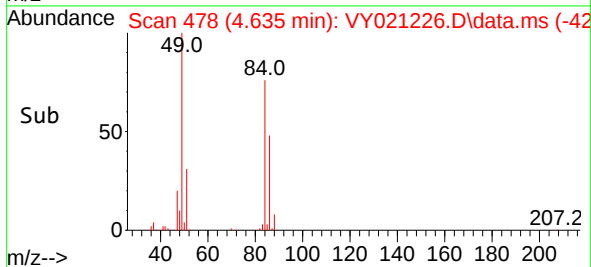
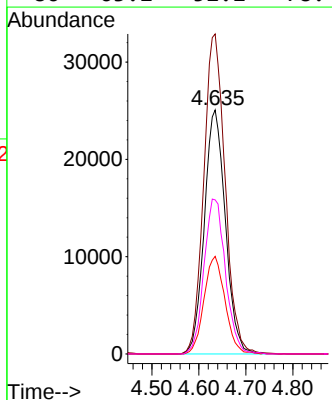
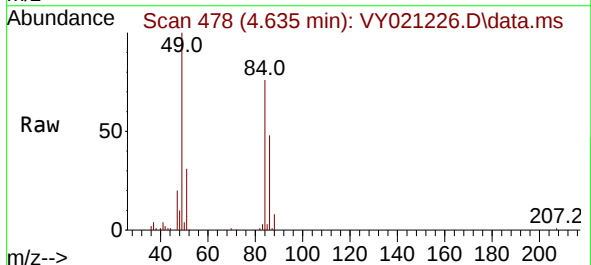
Manual Integrations
APPROVED

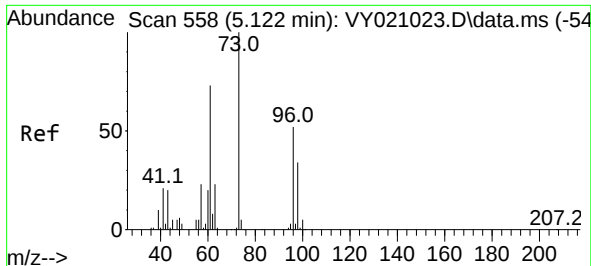
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 48.822 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

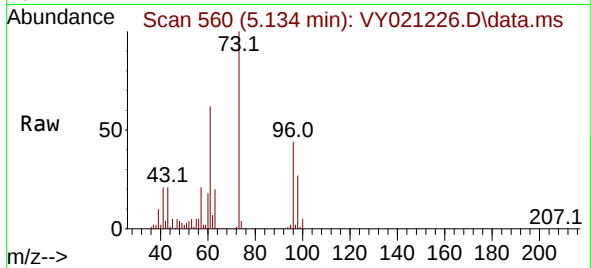
Tgt Ion: 84 Resp: 77960
Ion Ratio Lower Upper
84 100
49 131.2 95.2 142.8
51 40.0 29.9 44.9
86 63.2 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 46.189 ug/l
RT: 5.134 min Scan# 5134
Delta R.T. 0.012 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

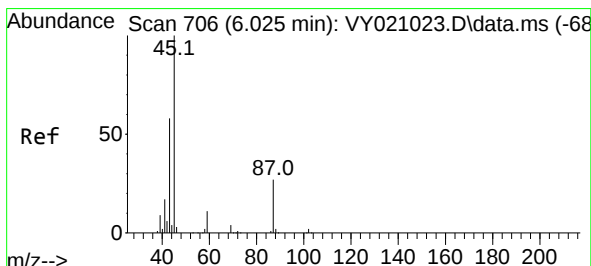
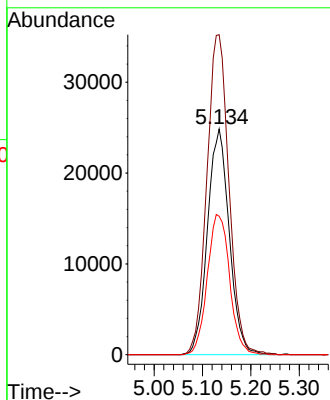
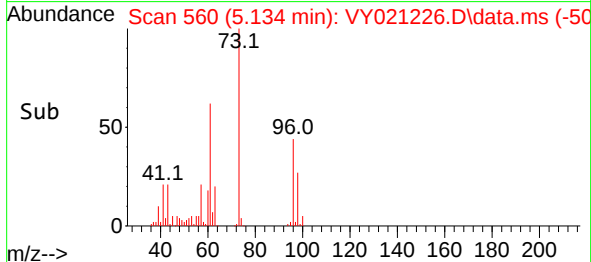
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



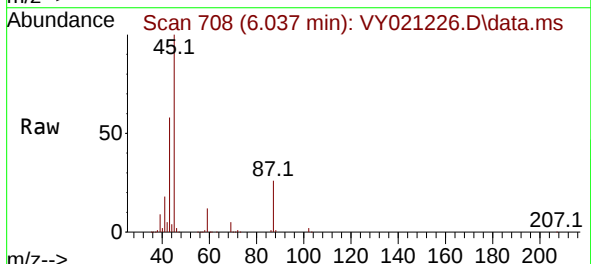
Tgt Ion: 96 Resp: 77932
Ion Ratio Lower Upper
96 100
61 141.7 104.6 156.8
98 61.3 50.9 76.3

Manual Integrations
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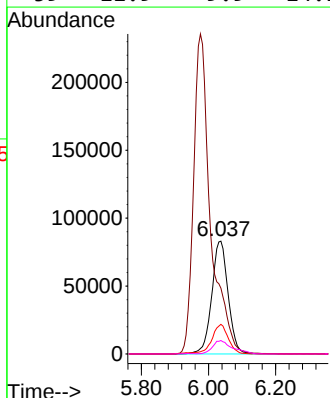
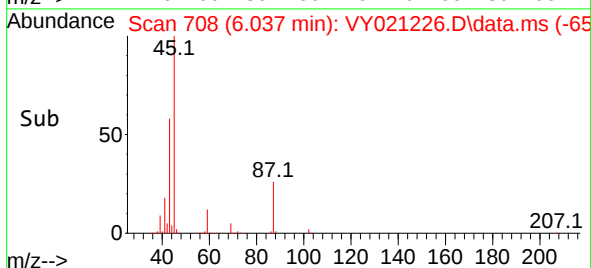
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

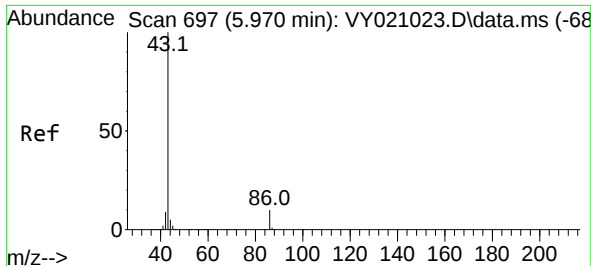


#22
Diisopropyl ether
Concen: 52.718 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04



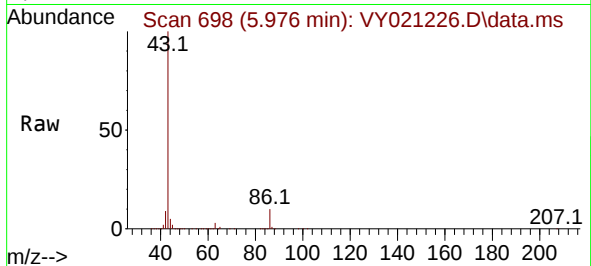
Tgt Ion: 45 Resp: 280711
Ion Ratio Lower Upper
45 100
43 58.1 46.8 70.2
87 26.3 22.2 33.2
59 11.9 9.9 14.9





#23
 Vinyl Acetate
 Concen: 278.825 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021226.D
 Acq: 18 Feb 2025 10:04

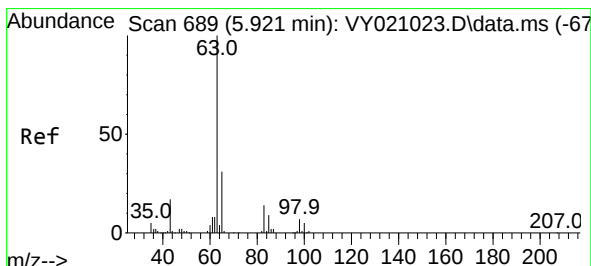
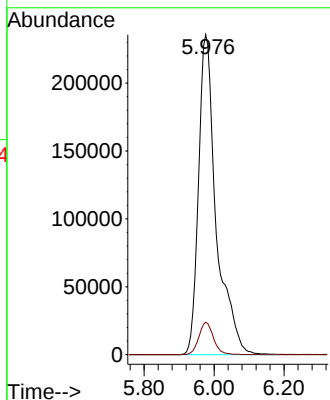
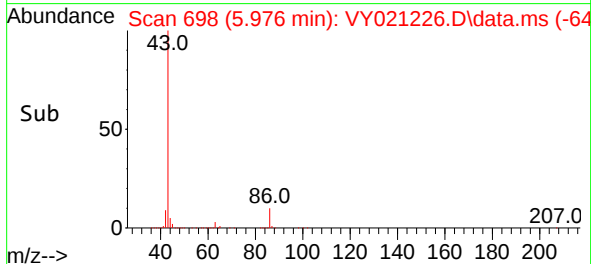
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



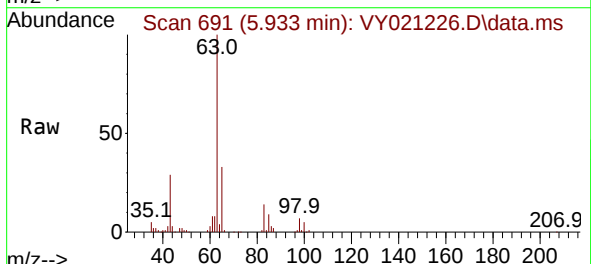
Tgt Ion: 43 Resp: 827659
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 13.0

Manual Integrations
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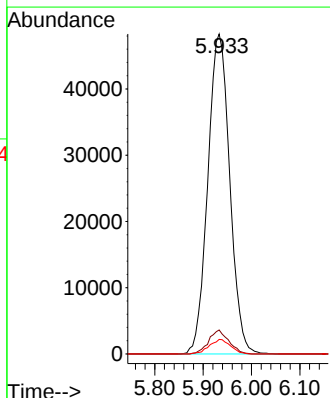
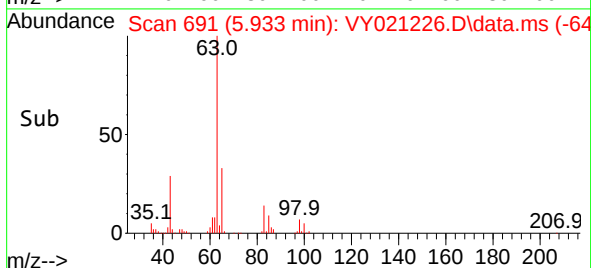
Reviewed By :Romaben Patel 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

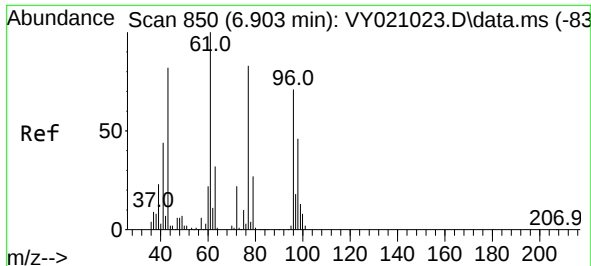


#24
 1,1-Dichloroethane
 Concen: 48.818 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021226.D
 Acq: 18 Feb 2025 10:04



Tgt Ion: 63 Resp: 152298
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.6 2.1 6.2





#25

2-Butanone

Concen: 297.465 ug/l

RT: 6.915 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 125560

Ion Ratio Lower Upper

43 100

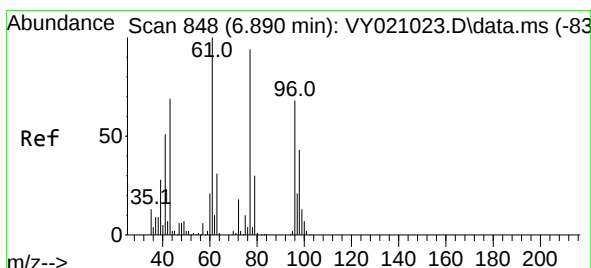
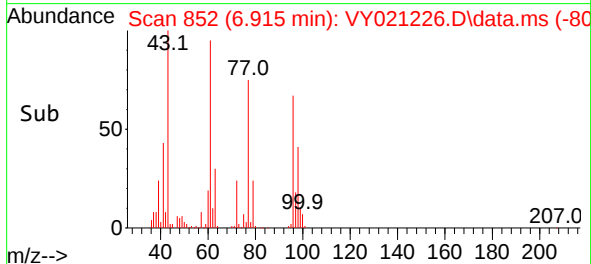
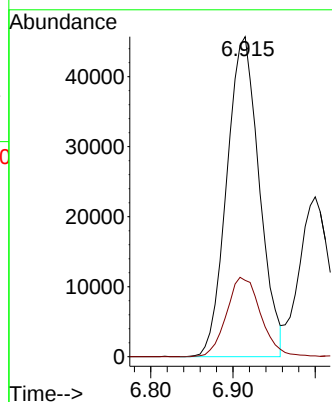
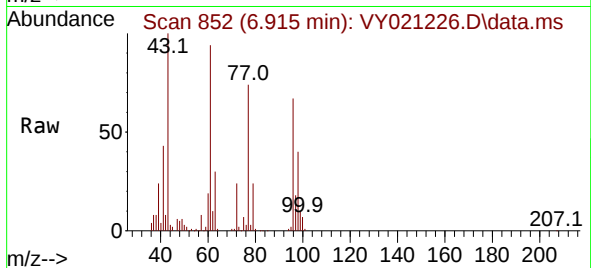
72 23.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#26

2,2-Dichloropropane

Concen: 48.261 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021226.D

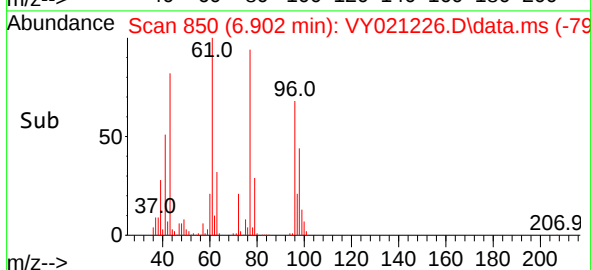
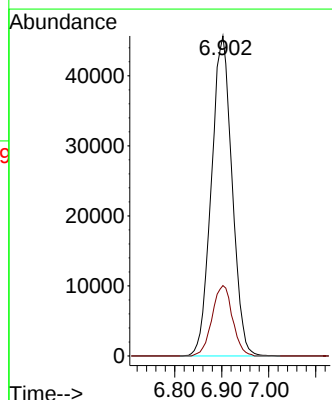
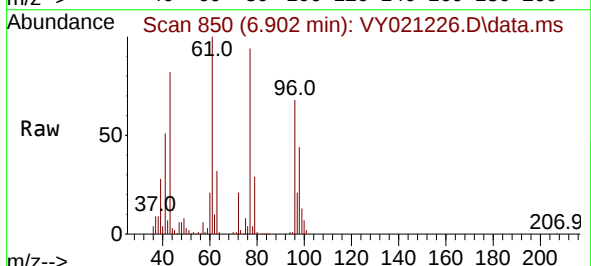
Acq: 18 Feb 2025 10:04

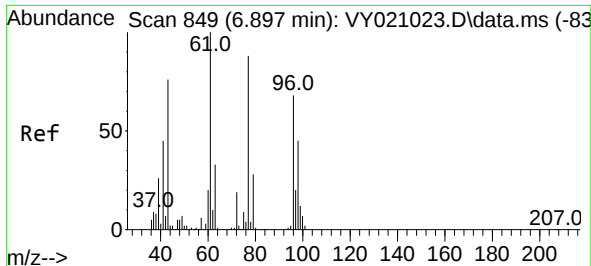
Tgt Ion: 77 Resp: 139312

Ion Ratio Lower Upper

77 100

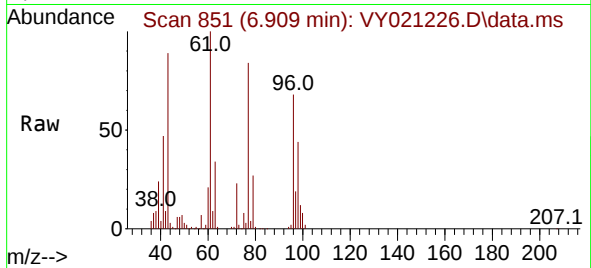
97 21.7 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 48.604 ug/l
 RT: 6.909 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY021226.D
 Acq: 18 Feb 2025 10:04

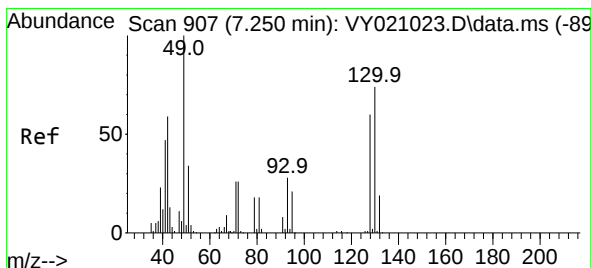
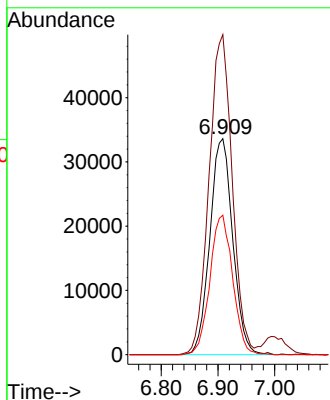
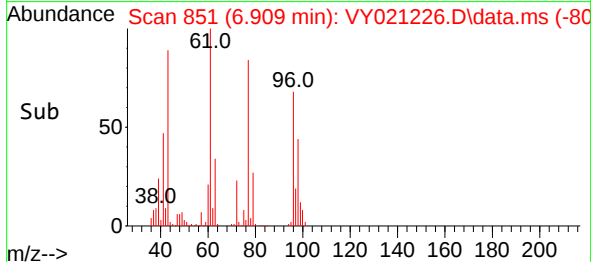
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 9439
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 278.8
 98 64.1 0.0 127.0

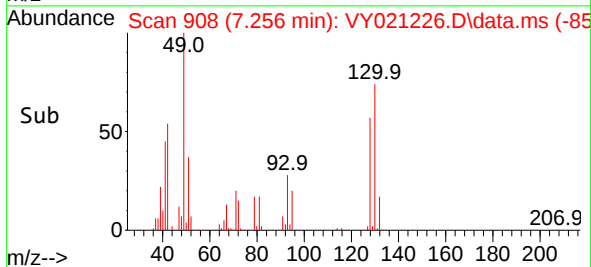
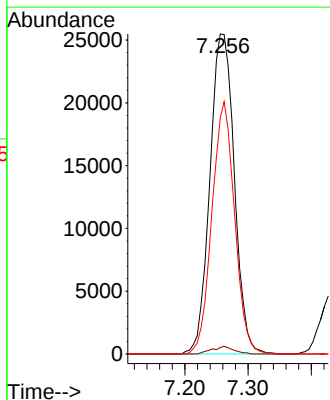
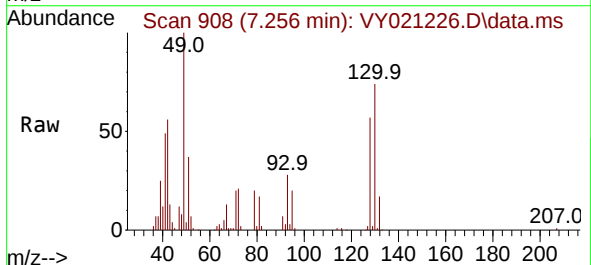
Manual Integrations
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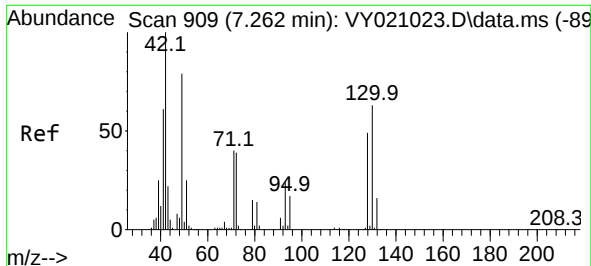
Reviewed By :Romaben Patel 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#28
 Bromochloromethane
 Concen: 55.321 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021226.D
 Acq: 18 Feb 2025 10:04

Tgt Ion: 49 Resp: 68245
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 73.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 301.355 ug/l

RT: 7.280 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

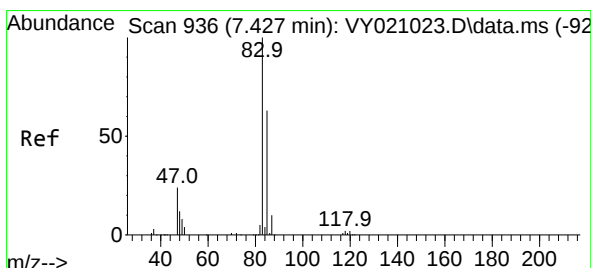
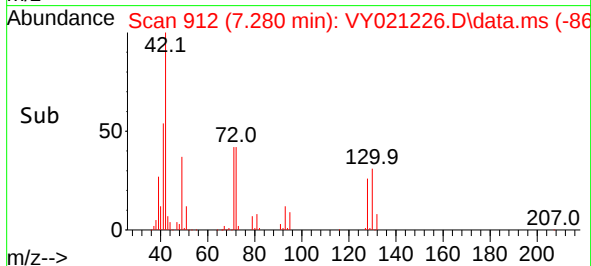
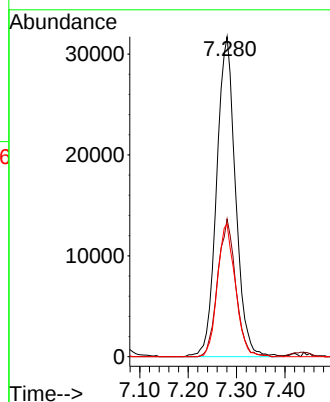
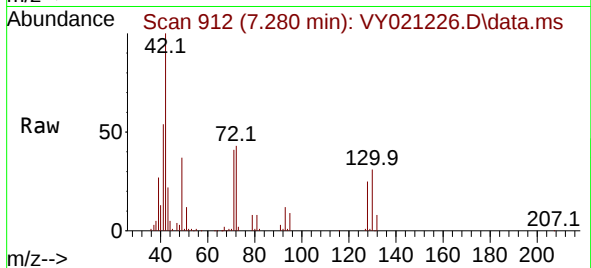
VSTDCCC050

Tgt Ion:	42	Resp:	8607
Ion	Ratio	Lower	Upper
42	100		
72	41.1	36.6	54.8
71	39.4	33.8	50.6

Manual Integrations

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Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 49.200 ug/l

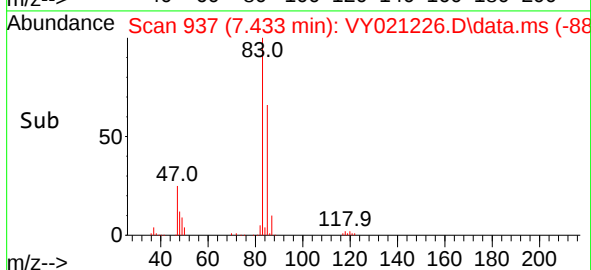
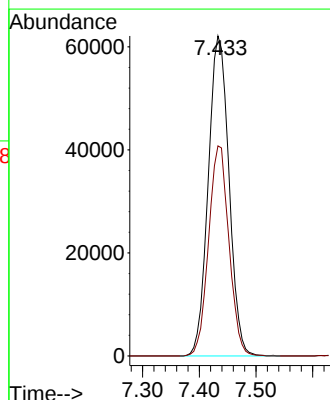
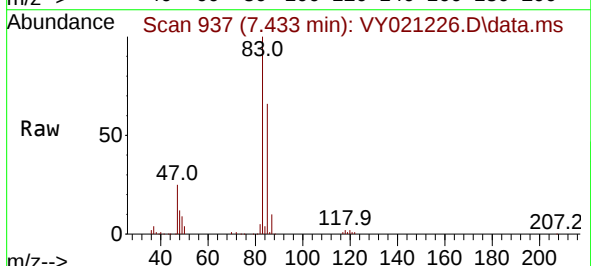
RT: 7.433 min Scan# 937

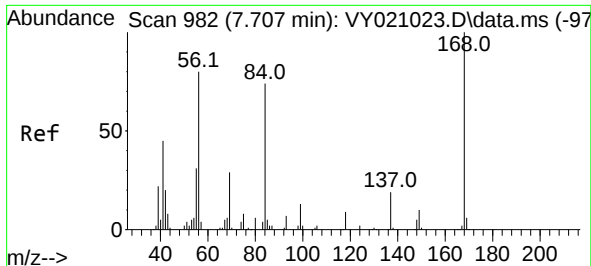
Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

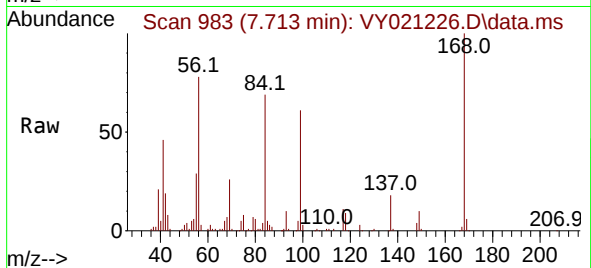
Tgt Ion:	83	Resp:	157658
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.2	76.8





#31
Cyclohexane
Concen: 44.856 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

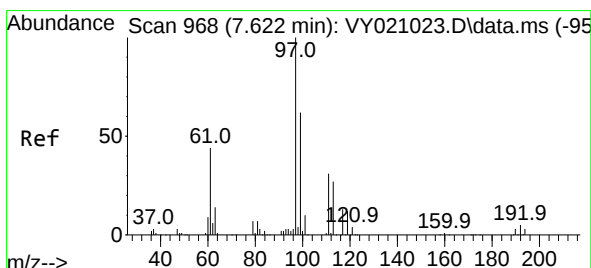
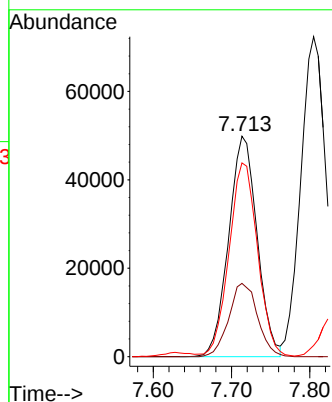
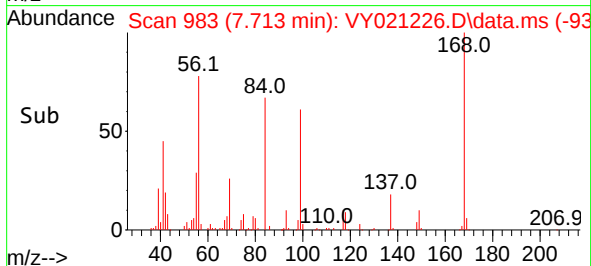
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 126019
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.6
84 86.2 71.8 107.6

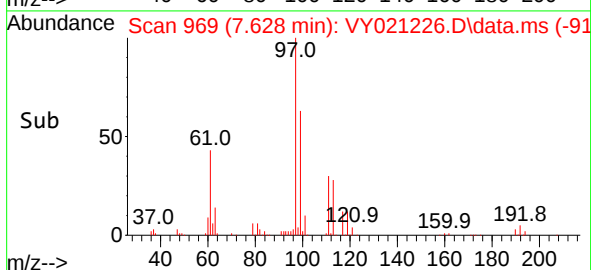
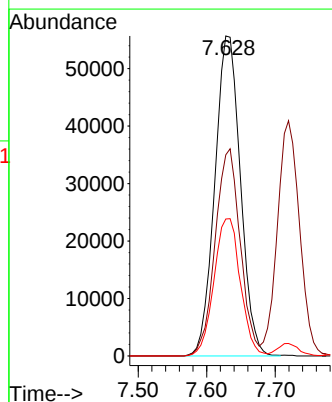
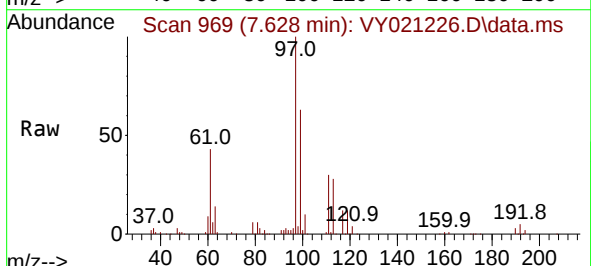
Manual Integrations
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Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 48.478 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 97 Resp: 144428
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 44.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 54.771 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 90215

Ion Ratio Lower Upper

65 100

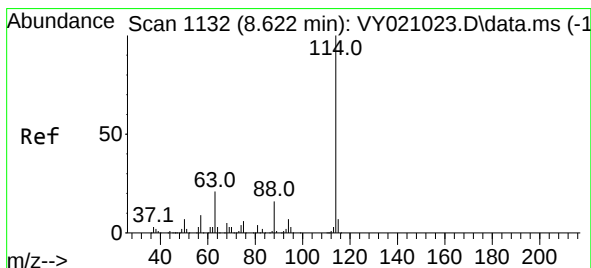
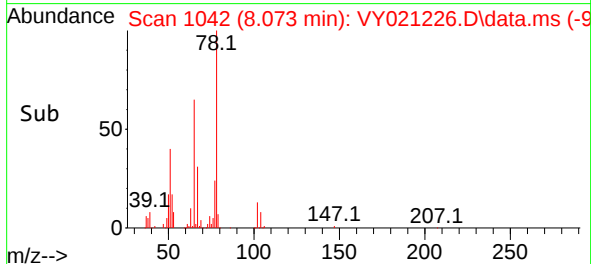
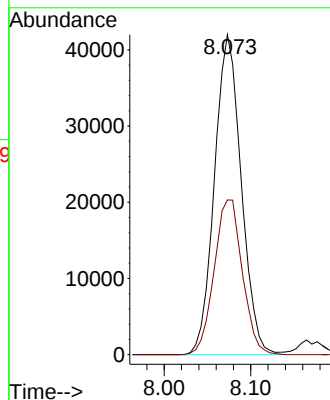
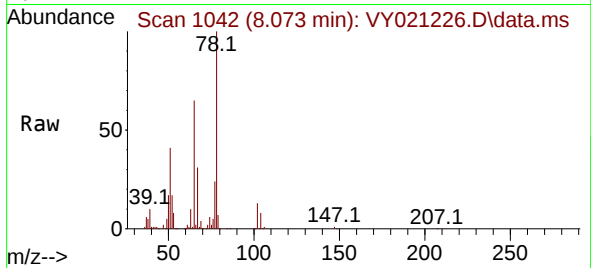
67 50.9 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

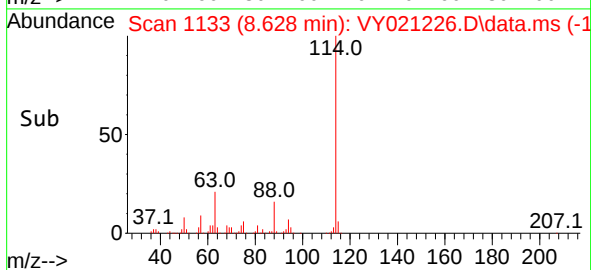
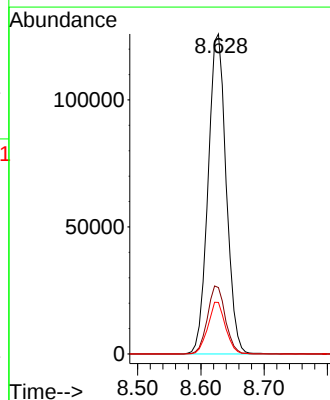
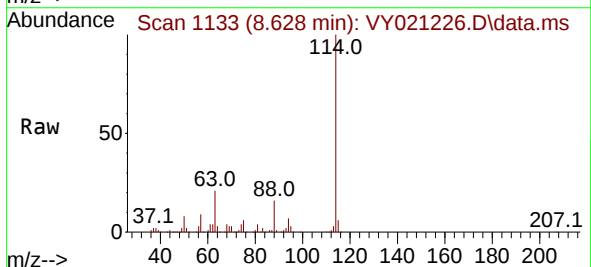
Tgt Ion:114 Resp: 250180

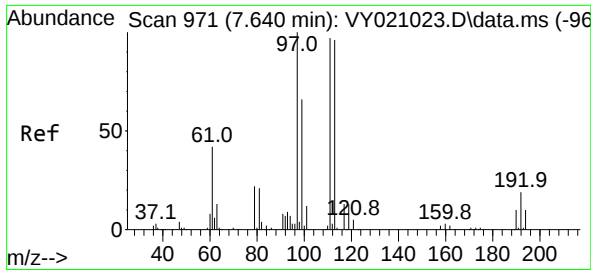
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 16.1 0.0 29.0





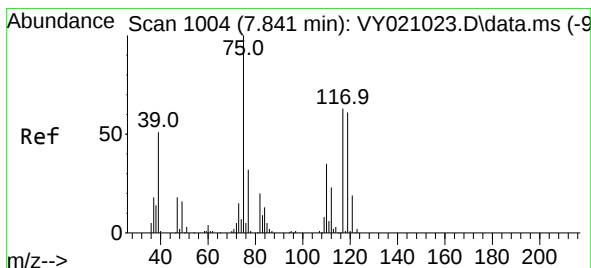
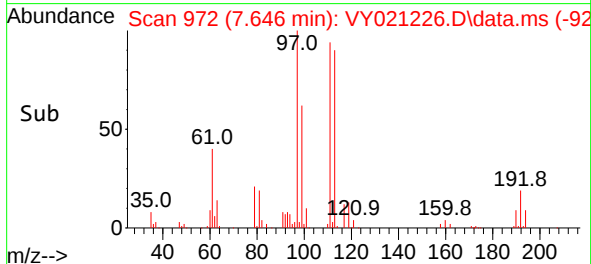
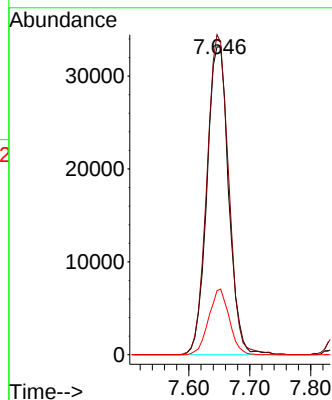
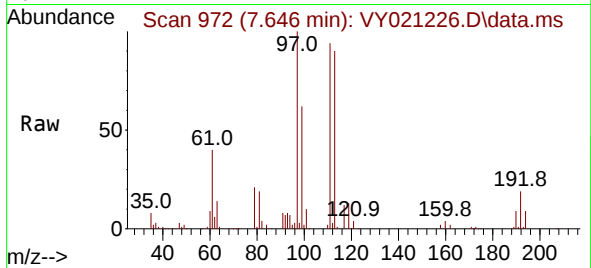
#35
Dibromofluoromethane
Concen: 51.317 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 82278
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 20.1 14.5 21.7

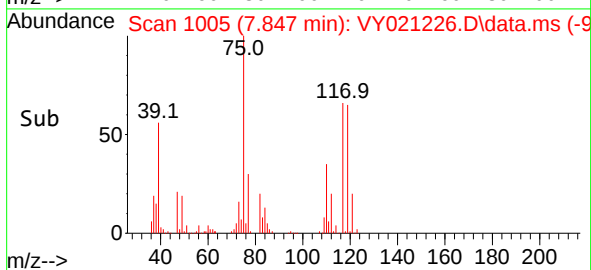
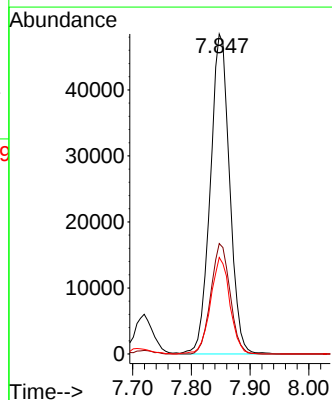
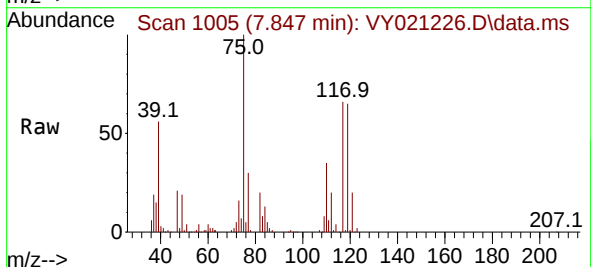
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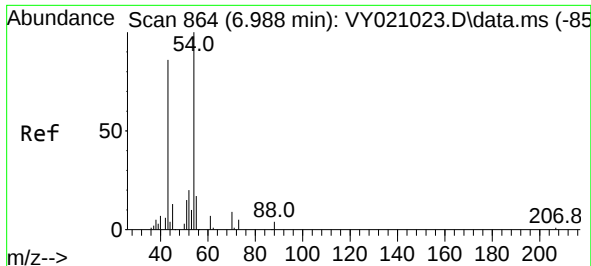
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#36
1,1-Dichloropropene
Concen: 46.618 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 75 Resp: 110708
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.3
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 58.327 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY021226.D

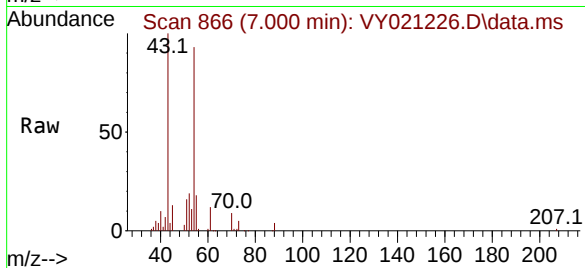
Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 6076

Ion Ratio Lower Upper

43 100

61 12.8 11.0 16.6

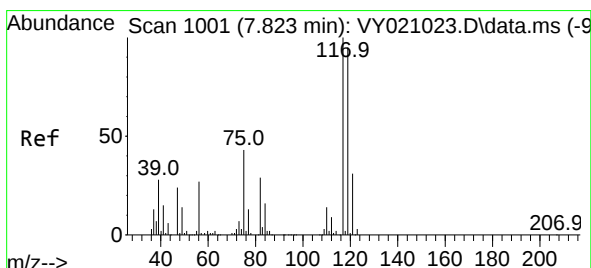
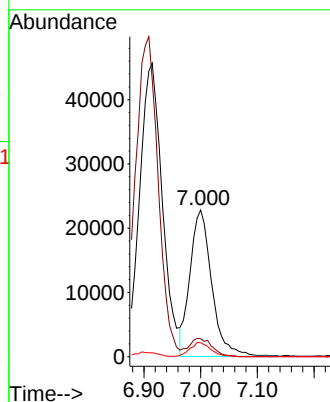
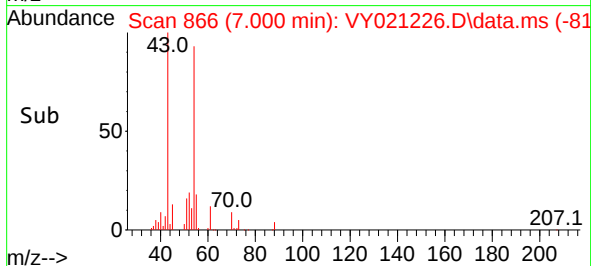
70 9.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#38

Carbon Tetrachloride

Concen: 46.943 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

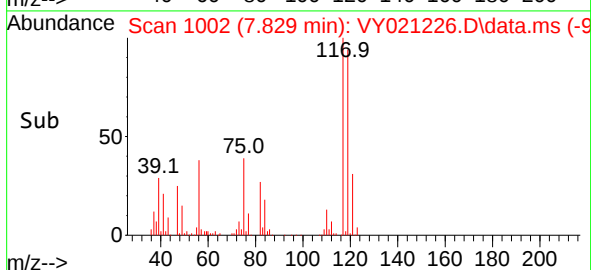
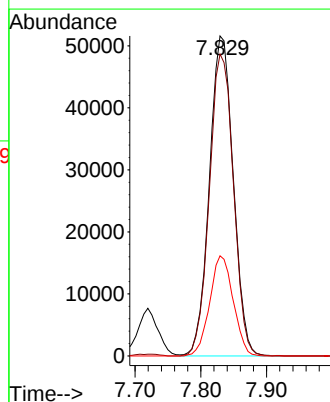
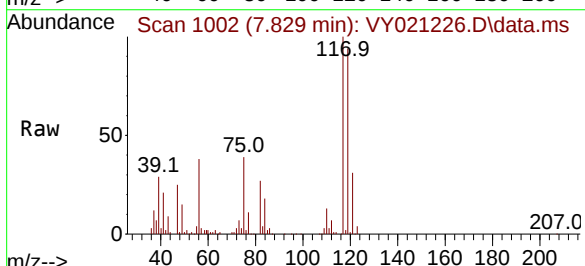
Tgt Ion:117 Resp: 130260

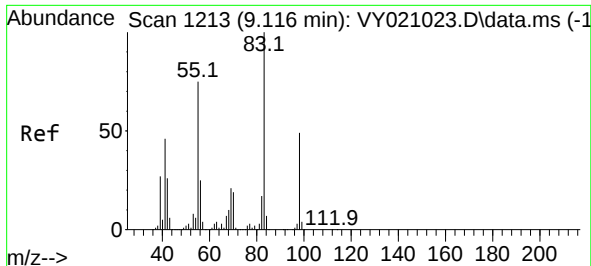
Ion Ratio Lower Upper

117 100

119 94.4 76.0 114.0

121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 47.011 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 136558

Ion Ratio Lower Upper

83 100

55 77.1 59.7 89.5

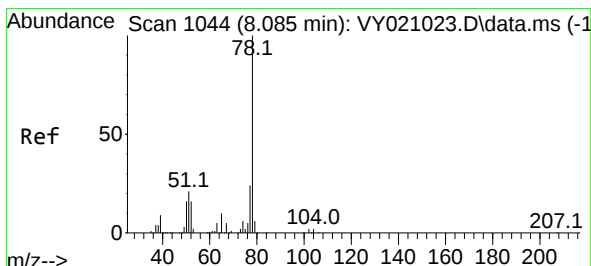
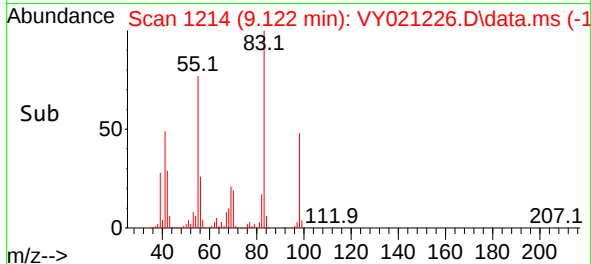
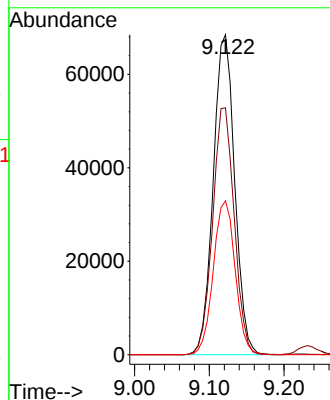
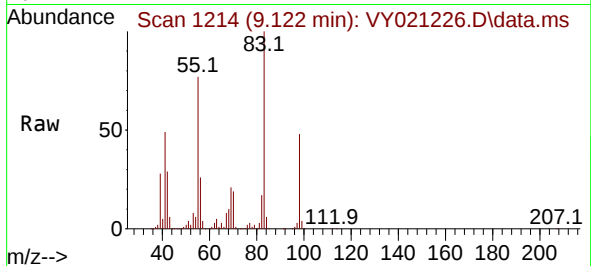
98 48.1 38.0 57.0

Manual Integrations

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Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 47.996 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021226.D

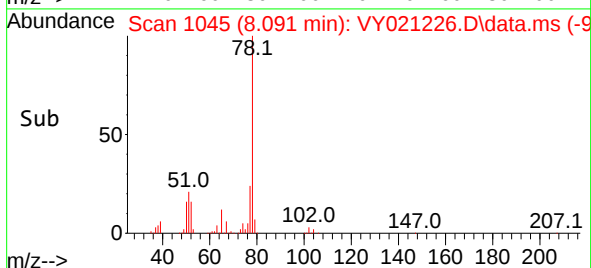
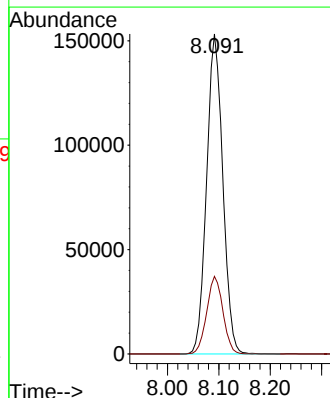
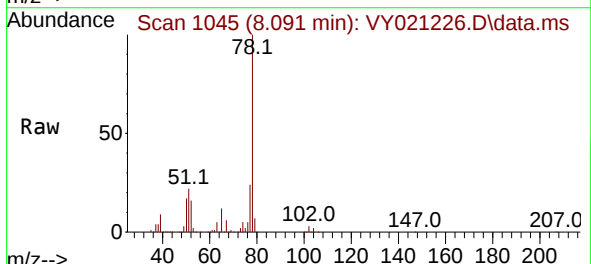
Acq: 18 Feb 2025 10:04

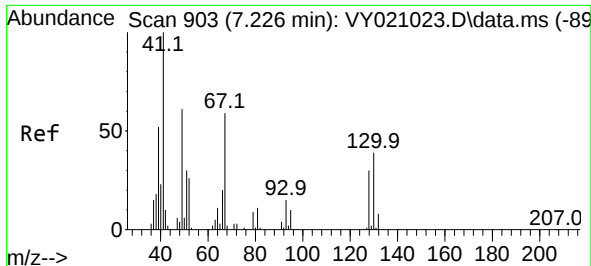
Tgt Ion: 78 Resp: 334494

Ion Ratio Lower Upper

78 100

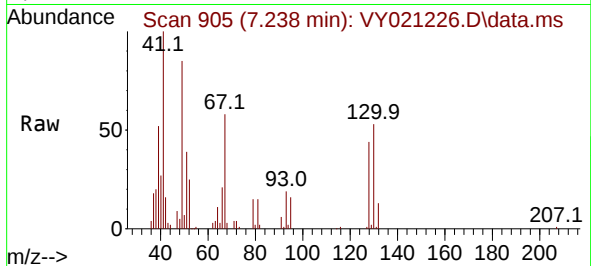
77 24.2 18.8 28.2





#41
Methacrylonitrile
Concen: 56.710 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

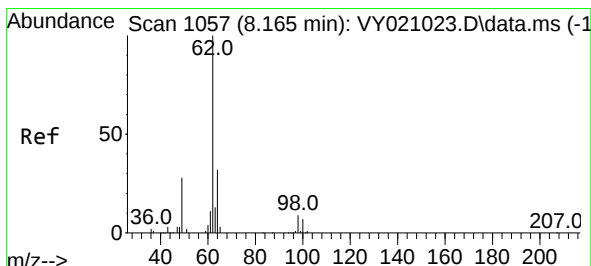
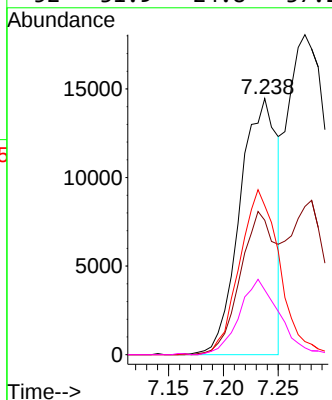
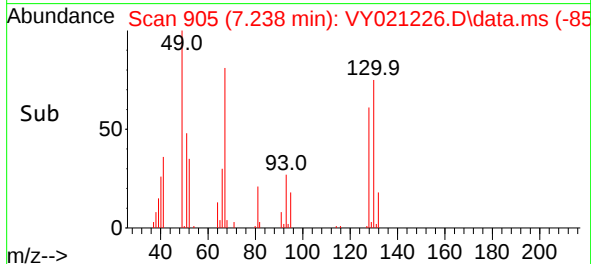
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 34180
Ion Ratio Lower Upper
41 100
39 53.0 41.9 62.9
67 70.0 59.8 89.6
52 31.9 24.8 37.2

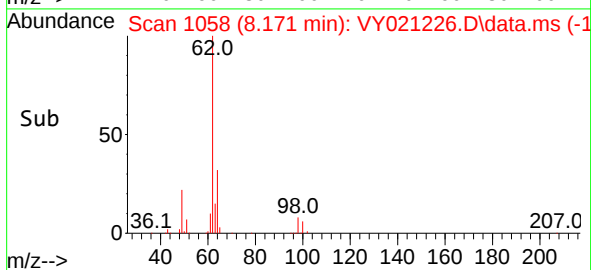
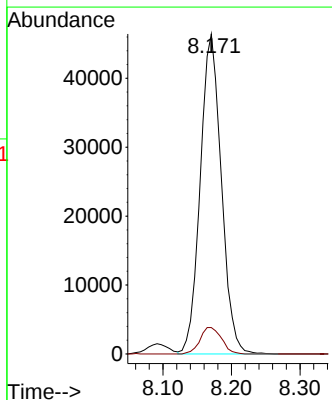
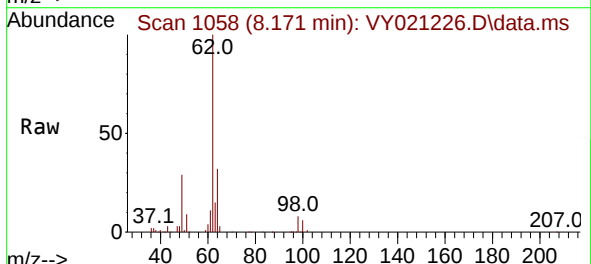
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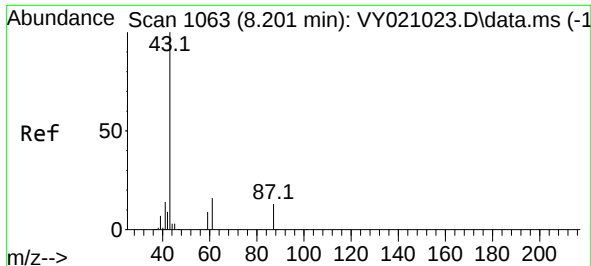
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 51.524 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

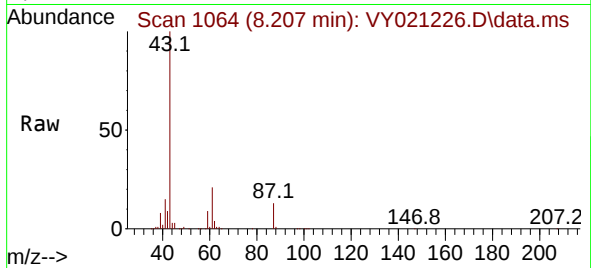
Tgt Ion: 62 Resp: 99609
Ion Ratio Lower Upper
62 100
98 8.4 0.0 20.2





#43
Isopropyl Acetate
Concen: 58.172 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

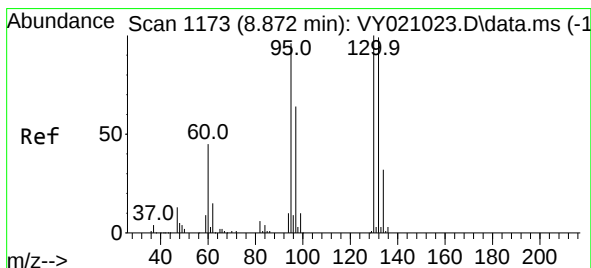
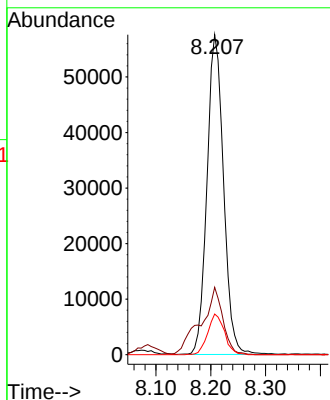
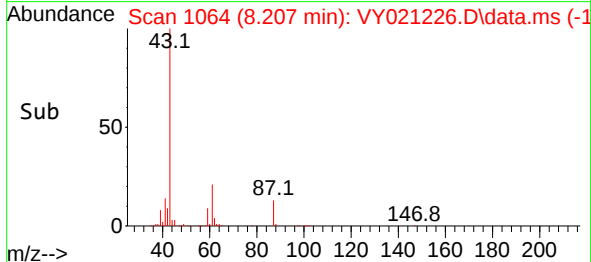
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 120420
Ion Ratio Lower Upper
43 100
61 28.2 24.8 37.2
87 12.8 10.7 16.1

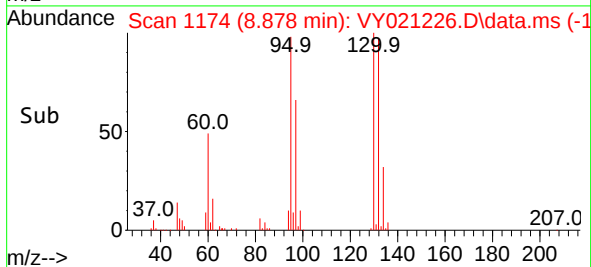
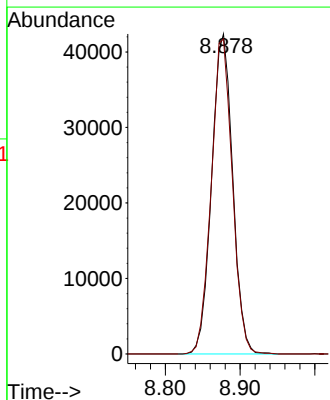
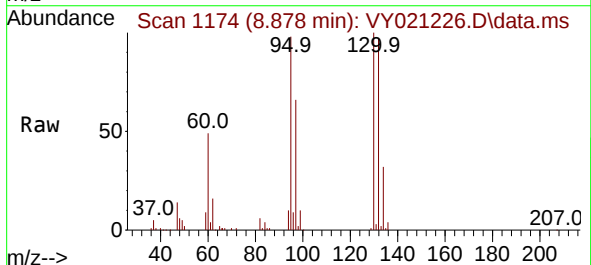
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 46.095 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion:130 Resp: 82996
Ion Ratio Lower Upper
130 100
95 98.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 50.080 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 82840

Ion Ratio Lower Upper

63 100

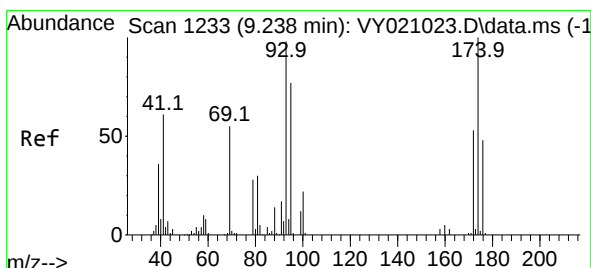
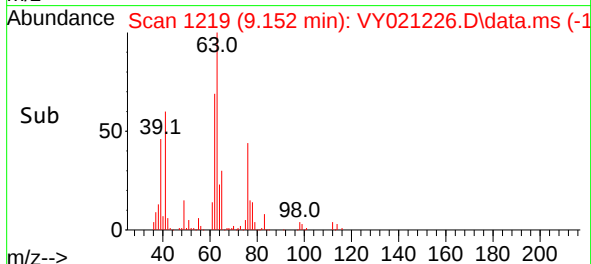
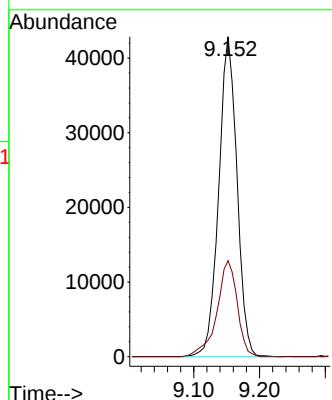
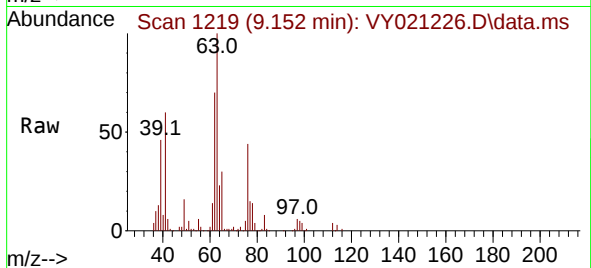
65 30.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 50.782 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

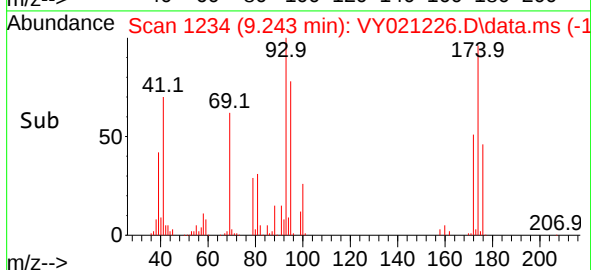
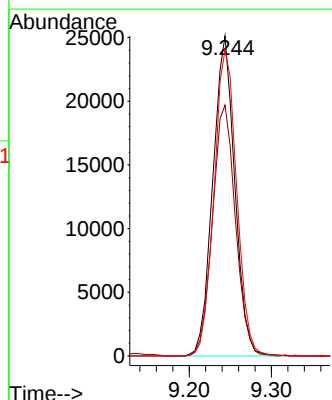
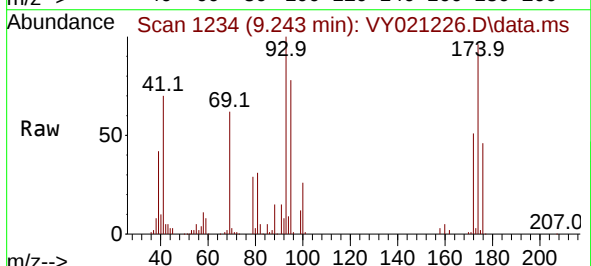
Tgt Ion: 93 Resp: 46509

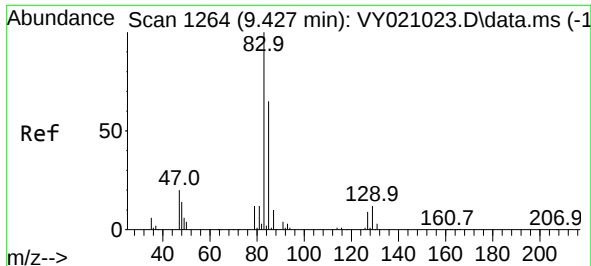
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

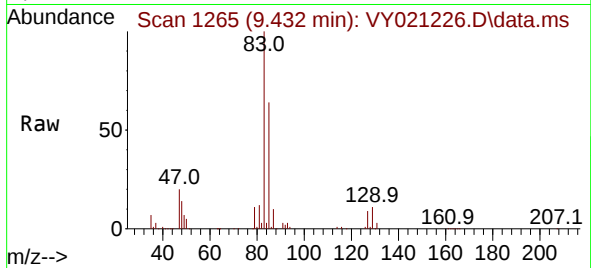
174 98.9 73.8 110.6





#47
Bromodichloromethane
Concen: 50.163 ug/l
RT: 9.432 min Scan# 12321
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

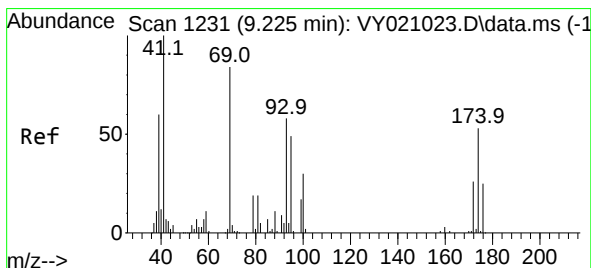
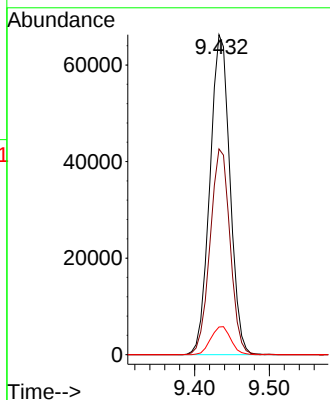
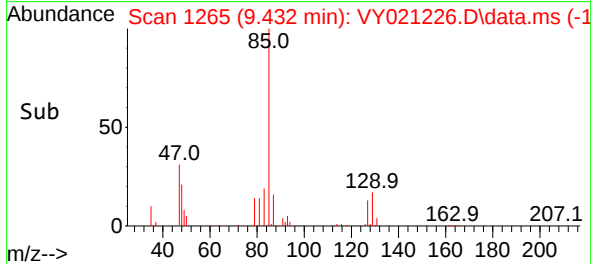
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 12321
Ion Ratio Lower Upper
83 100
85 64.3 53.2 79.8
127 8.7 6.4 9.6

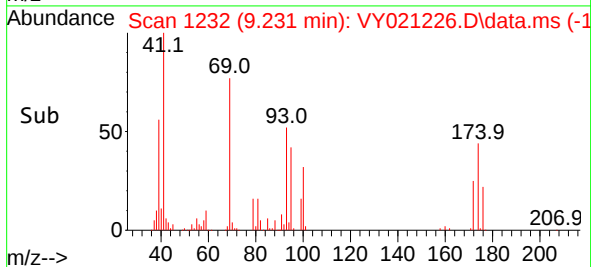
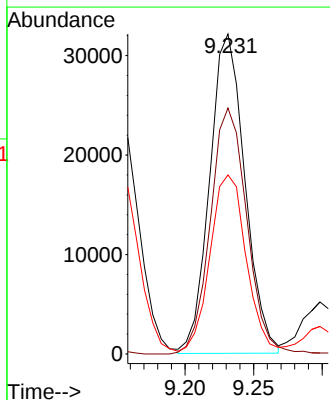
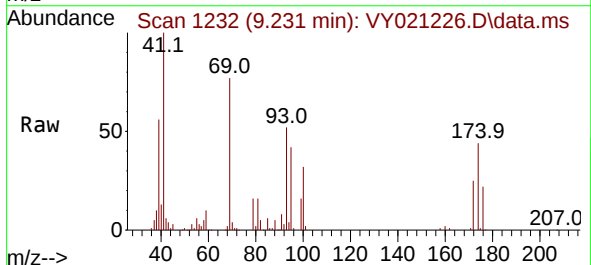
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#48
Methyl methacrylate
Concen: 60.880 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 41 Resp: 57406
Ion Ratio Lower Upper
41 100
69 80.0 72.1 108.1
39 56.2 42.8 64.2





#49

1,4-Dioxane

Concen: 1161.039 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

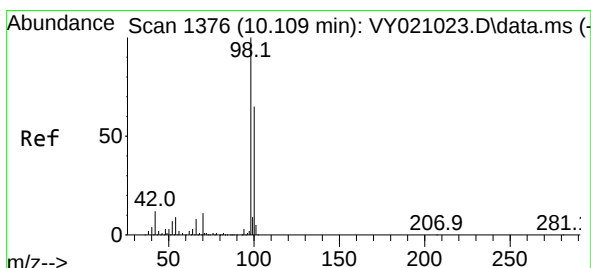
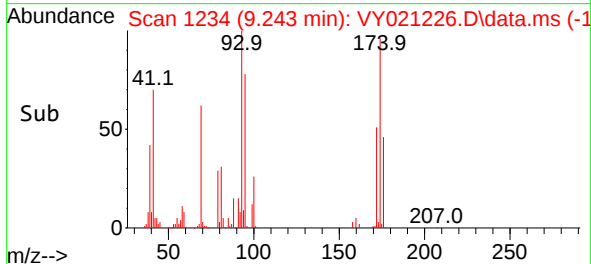
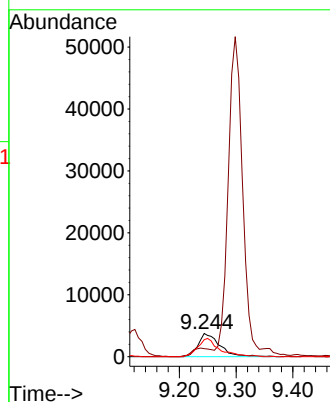
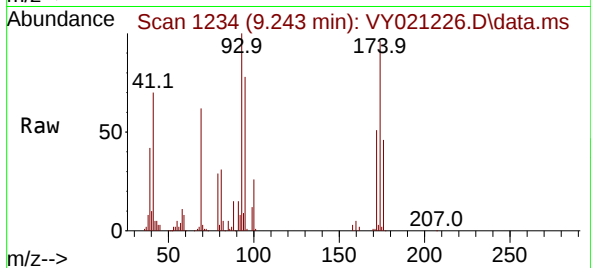
VSTDCCC050

Tgt Ion: 88	Resp: 989
Ion Ratio	Lower Upper
88 100	
43 34.9	28.2 42.4
58 77.8	52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#50

Toluene-d8

Concen: 50.628 ug/l

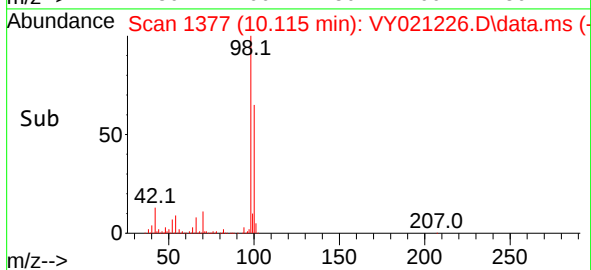
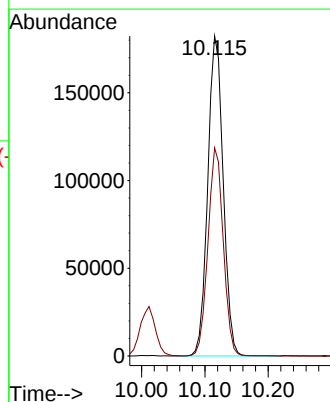
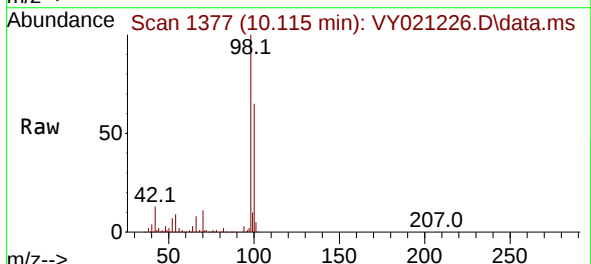
RT: 10.115 min Scan# 1377

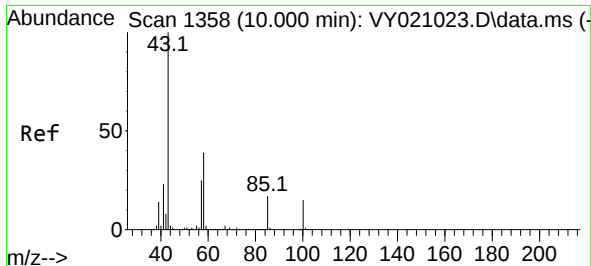
Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Tgt Ion: 98	Resp: 309032
Ion Ratio	Lower Upper
98 100	
100 64.6	52.3 78.5





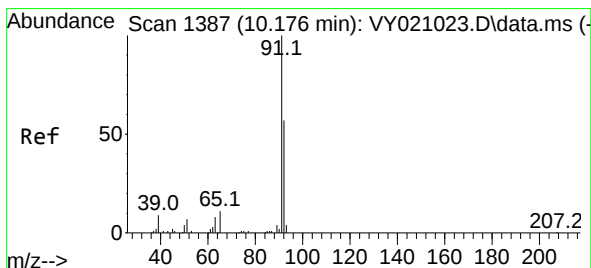
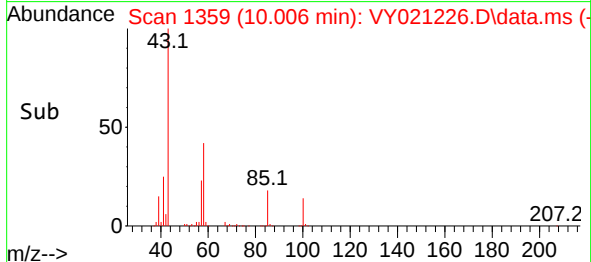
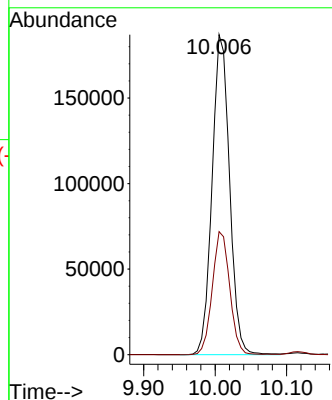
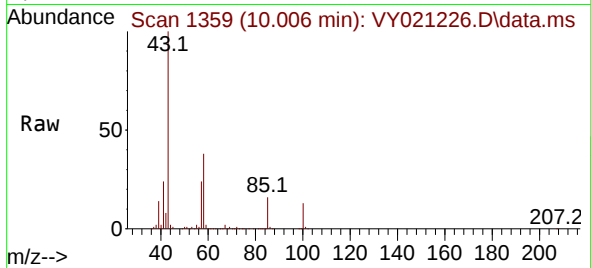
#51
4-Methyl-2-Pentanone
Concen: 304.615 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 317098
Ion Ratio Lower Upper
43 100
58 38.5 32.2 48.2

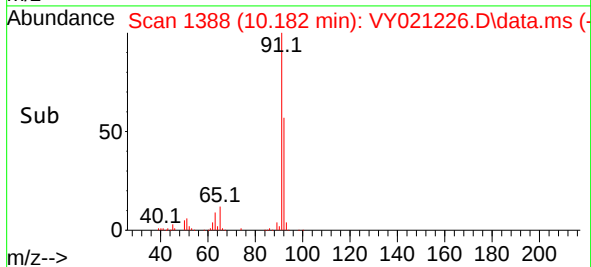
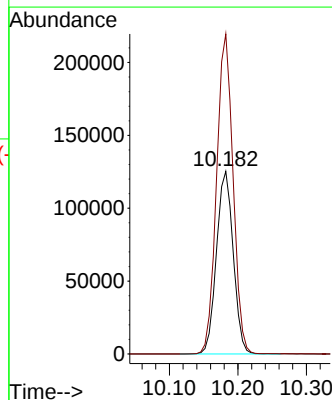
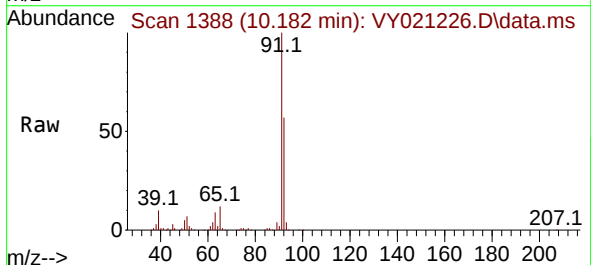
Manual Integrations
APPROVED

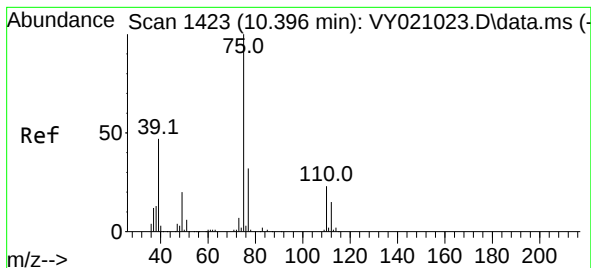
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 48.537 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 92 Resp: 212394
Ion Ratio Lower Upper
92 100
91 172.7 137.6 206.4





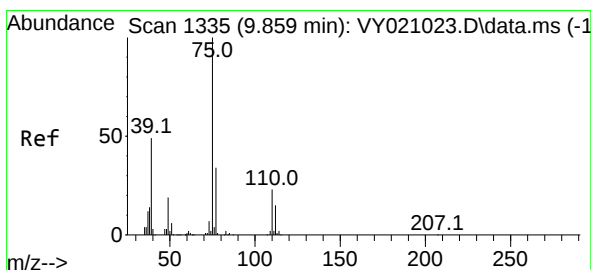
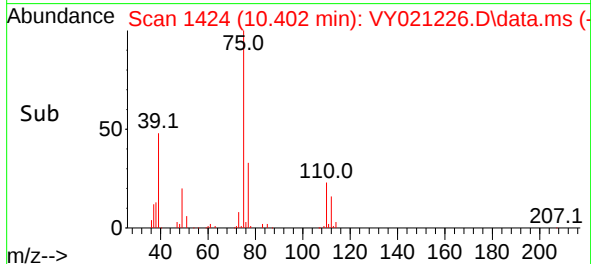
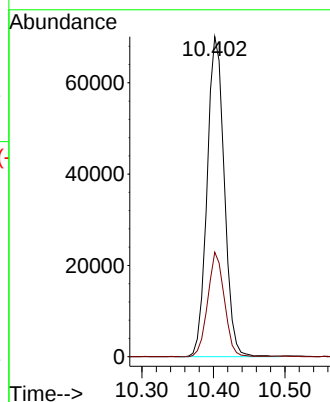
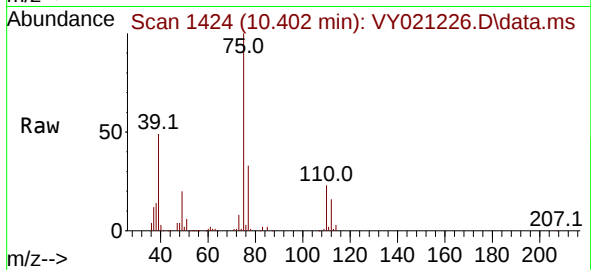
#53
t-1,3-Dichloropropene
Concen: 53.044 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 116992
Ion Ratio Lower Upper
75 100
77 32.7 24.6 36.8

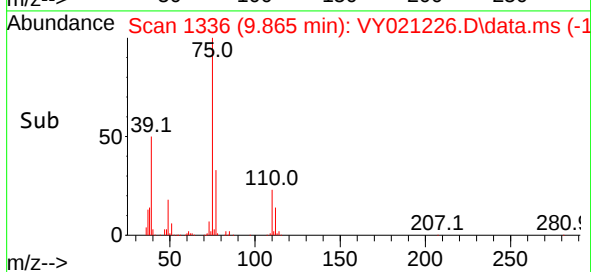
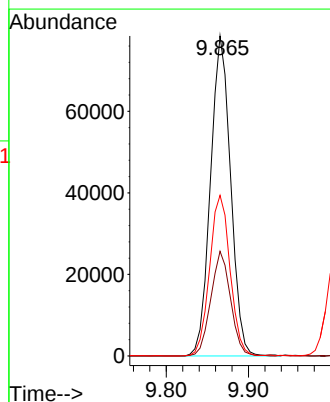
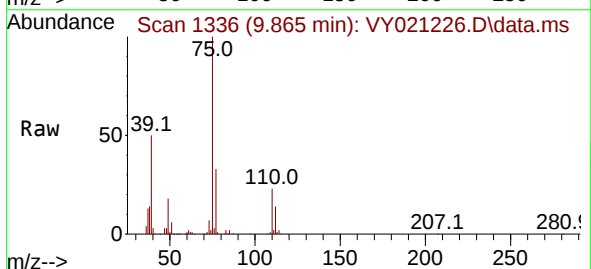
Manual Integrations
APPROVED

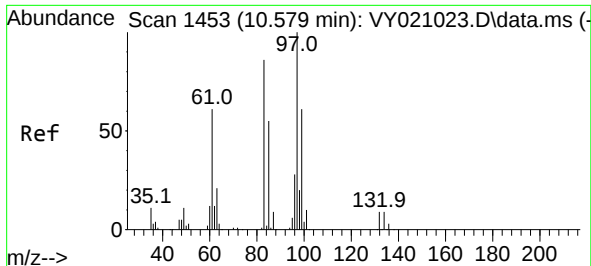
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#54
cis-1,3-Dichloropropene
Concen: 51.123 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

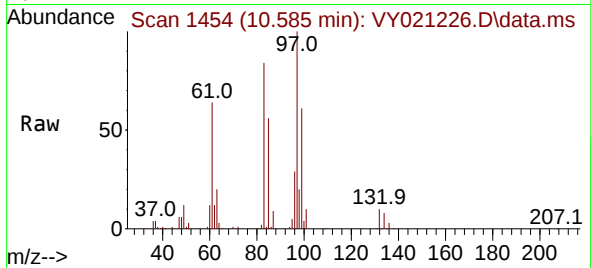
Tgt Ion: 75 Resp: 133505
Ion Ratio Lower Upper
75 100
77 32.7 24.6 36.8
39 50.2 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 51.103 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

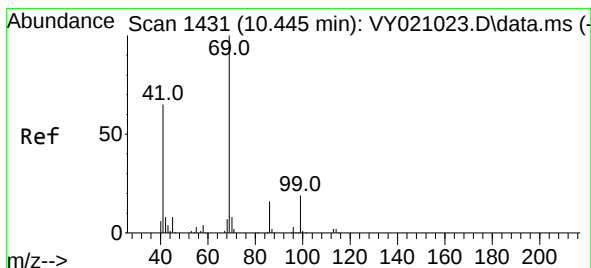
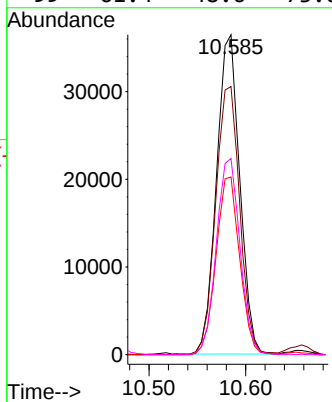
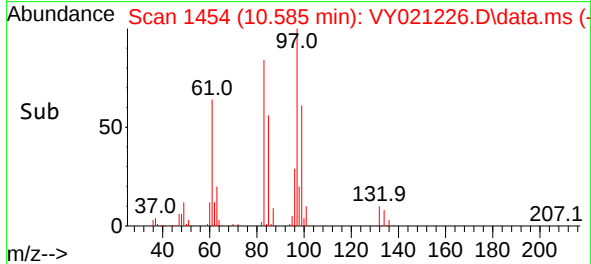
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



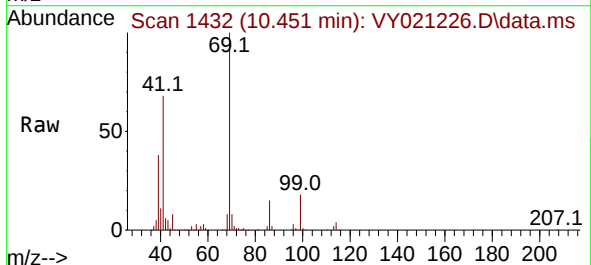
Tgt Ion: 97 Resp: 60608
Ion Ratio Lower Upper
97 100
83 84.0 69.4 104.2
85 55.7 43.9 65.9
99 61.4 48.6 73.0

Manual Integrations
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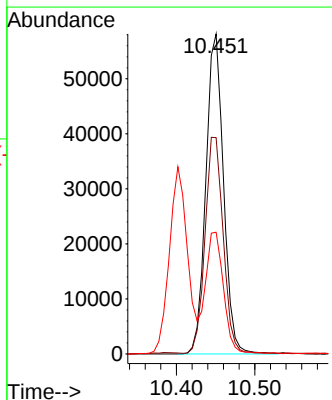
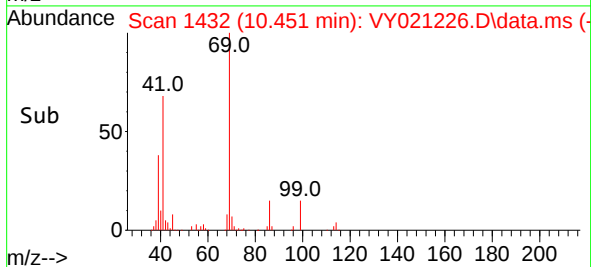
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

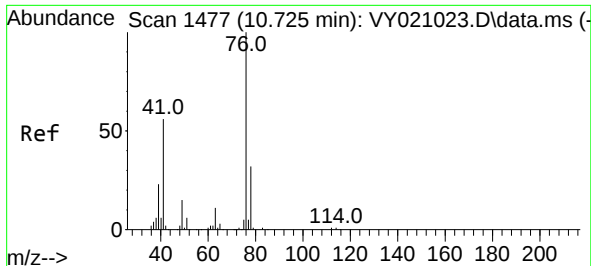


#56
Ethyl methacrylate
Concen: 57.227 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04



Tgt Ion: 69 Resp: 90796
Ion Ratio Lower Upper
69 100
41 69.4 49.2 73.8
39 38.6 26.8 40.2





#57

1,3-Dichloropropane

Concen: 52.357 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 107479

Ion Ratio Lower Upper

76 100

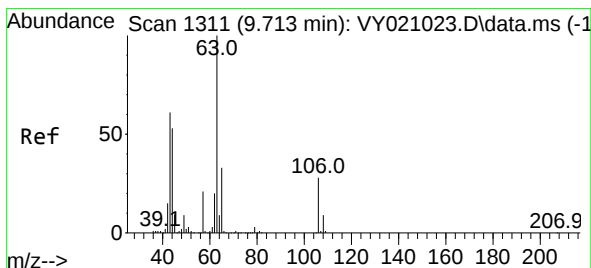
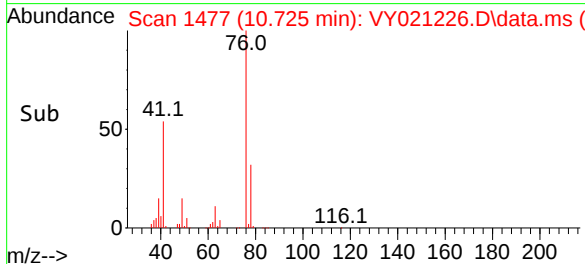
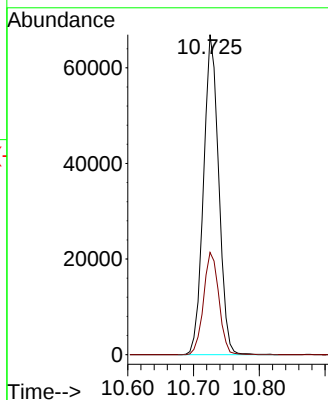
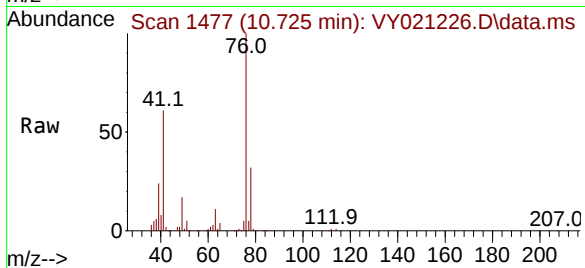
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 283.339 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021226.D

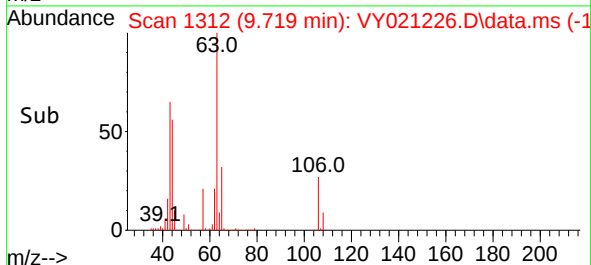
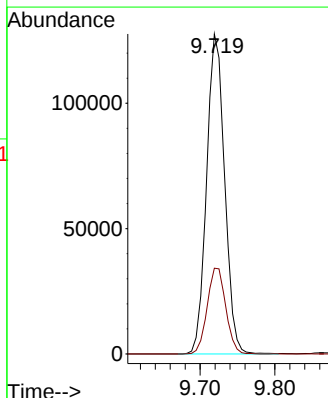
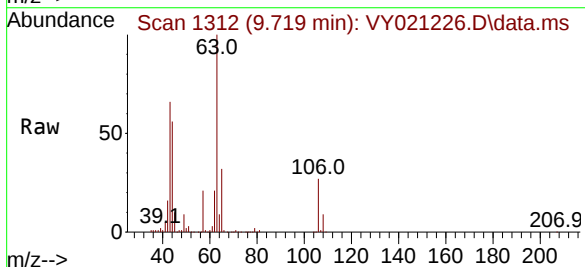
Acq: 18 Feb 2025 10:04

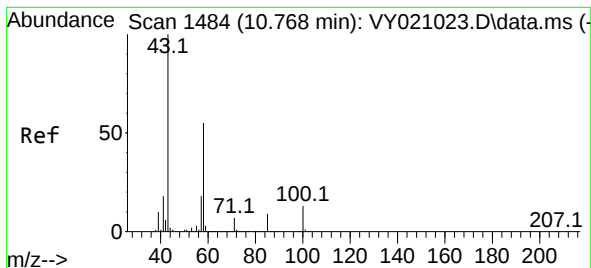
Tgt Ion: 63 Resp: 213867

Ion Ratio Lower Upper

63 100

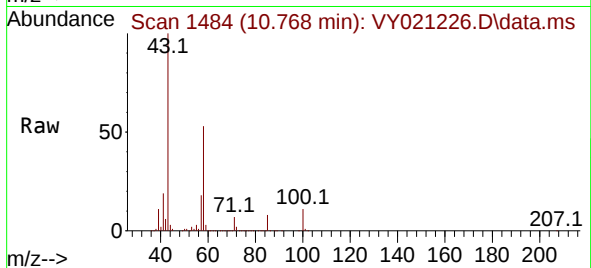
106 27.6 22.4 33.6





#59
2-Hexanone
Concen: 318.410 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

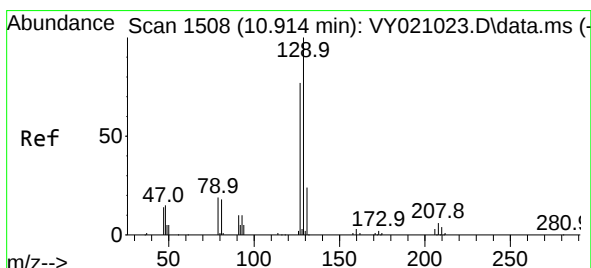
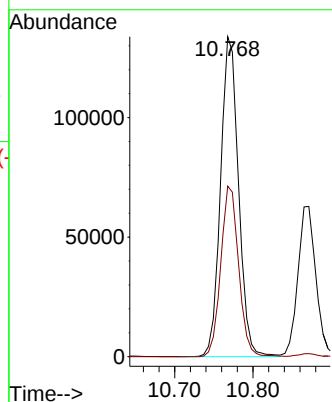
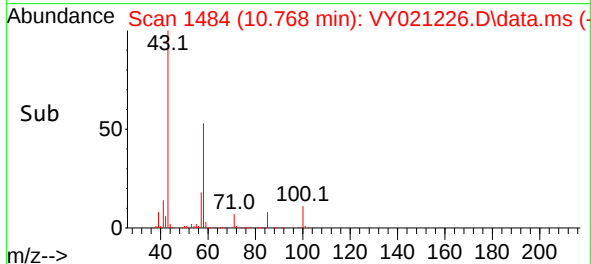
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



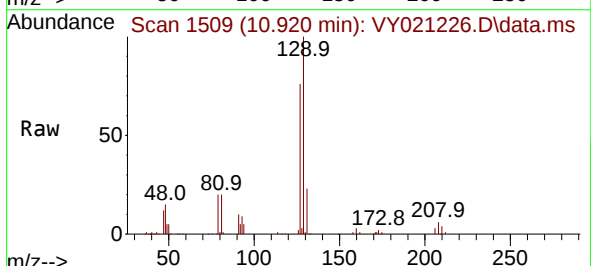
Tgt Ion: 43 Resp: 21341
Ion Ratio Lower Upper
43 100
58 53.0 28.1 84.3

Manual Integrations
APPROVED

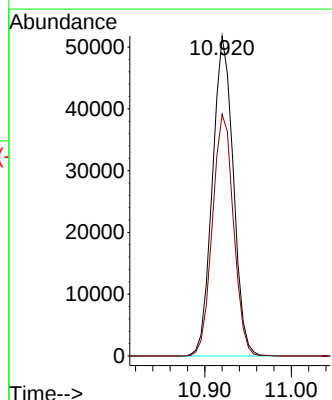
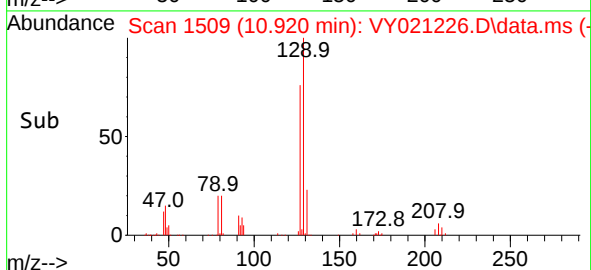
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

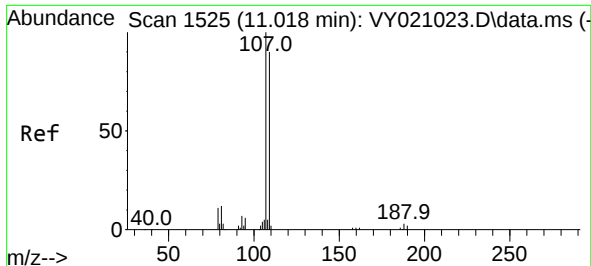


#60
Dibromochloromethane
Concen: 51.953 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04



Tgt Ion:129 Resp: 86529
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6





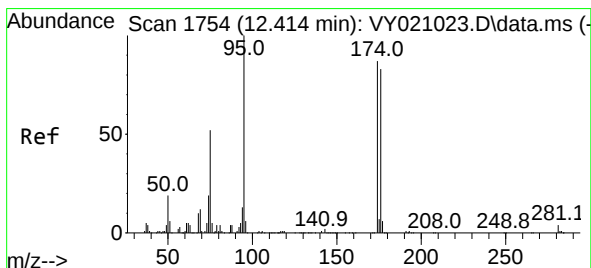
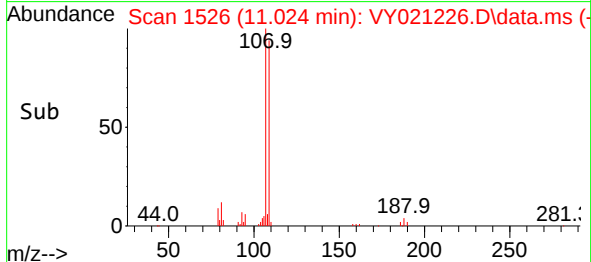
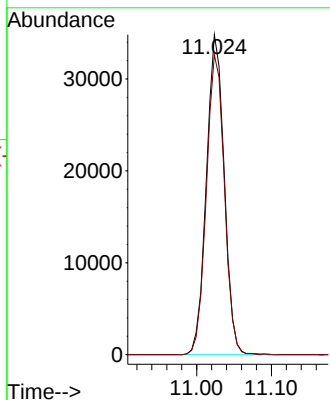
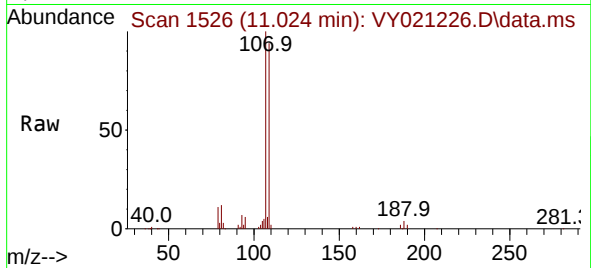
#61
1,2-Dibromoethane
Concen: 52.052 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 57824
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2

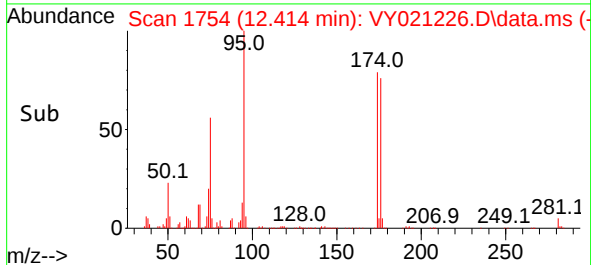
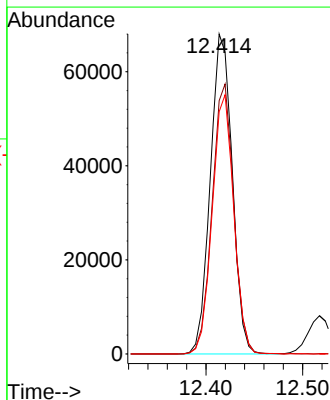
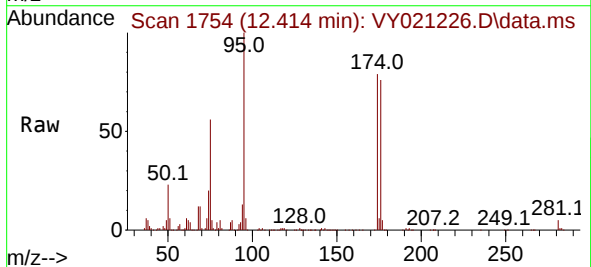
Manual Integrations
APPROVED

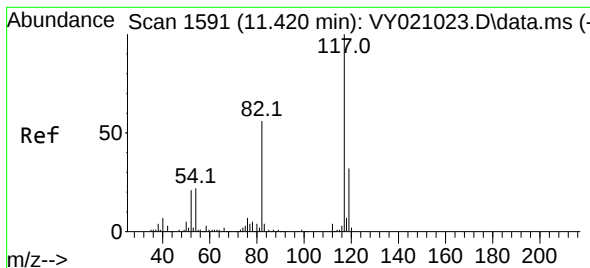
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 53.730 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 95 Resp: 107145
Ion Ratio Lower Upper
95 100
174 83.2 0.0 160.0
176 79.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 21754

Ion Ratio Lower Upper

117 100

82 57.4 43.8 65.8

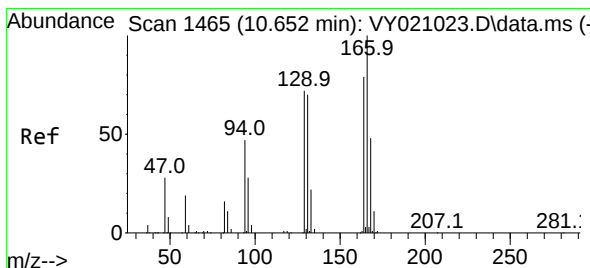
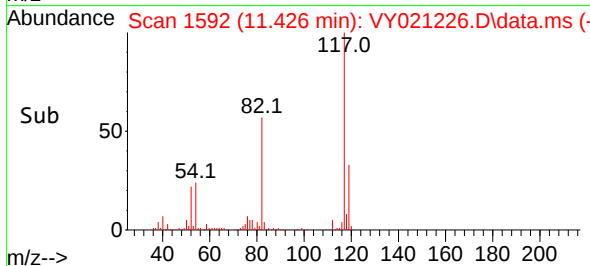
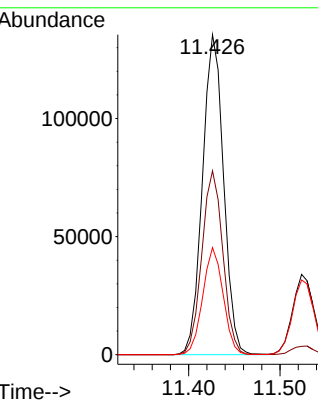
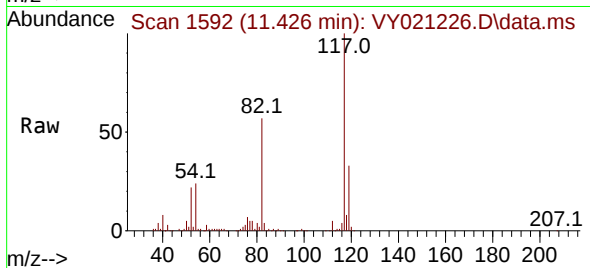
119 33.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#64

Tetrachloroethene

Concen: 45.061 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Tgt Ion:164 Resp: 72772

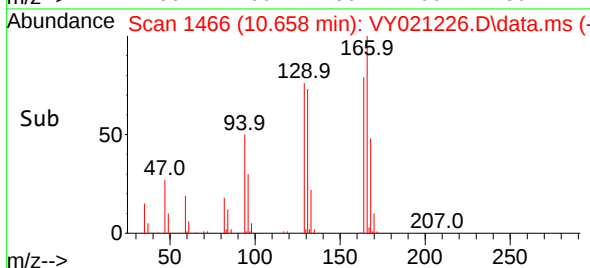
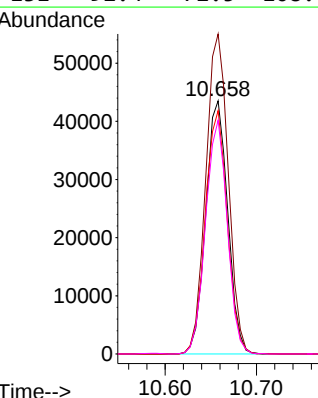
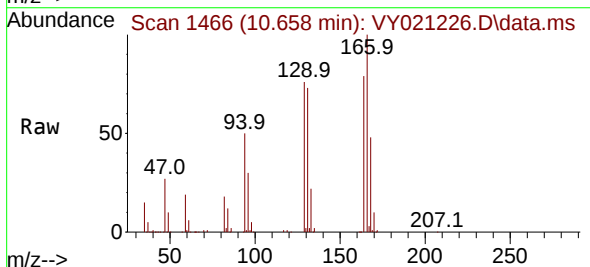
Ion Ratio Lower Upper

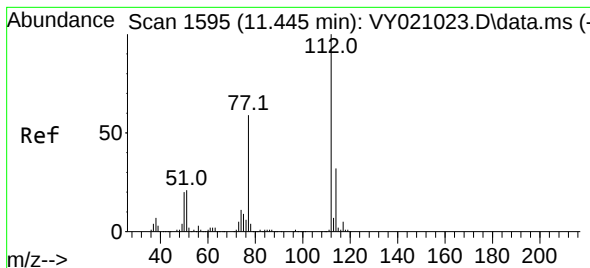
164 100

166 126.4 98.8 148.2

129 96.2 78.9 118.3

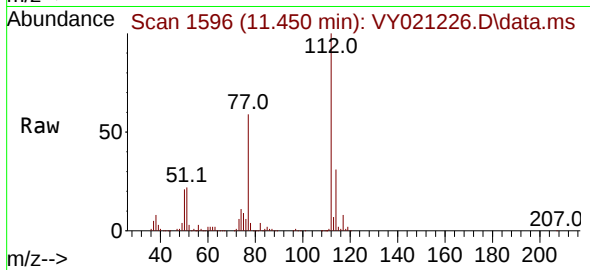
131 92.4 72.5 108.7





#65
Chlorobenzene
Concen: 47.442 ug/l
RT: 11.450 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

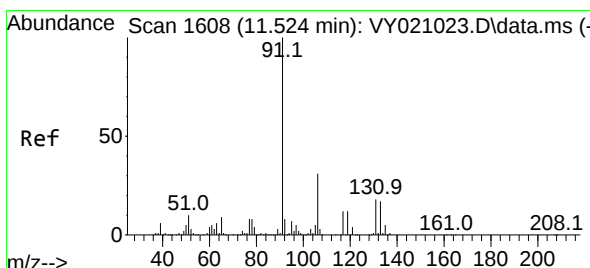
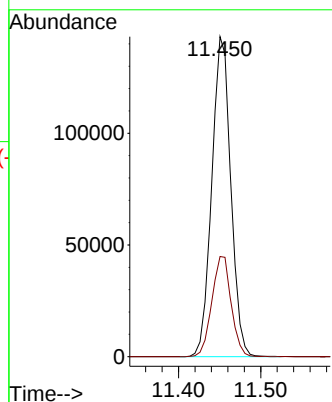
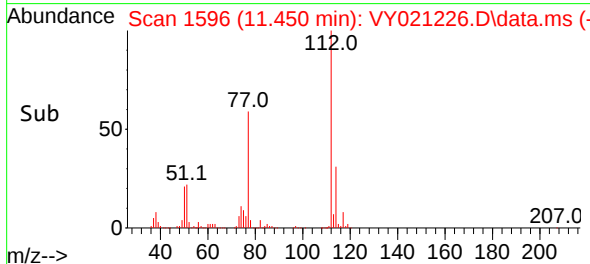
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



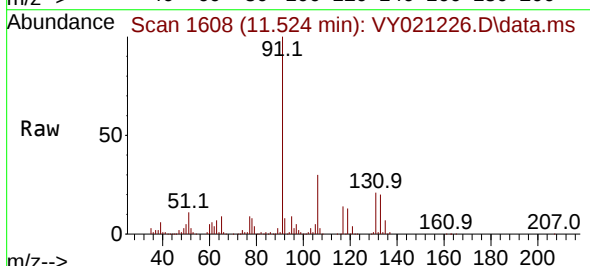
Tgt Ion:112 Resp: 229812
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1

Manual Integrations
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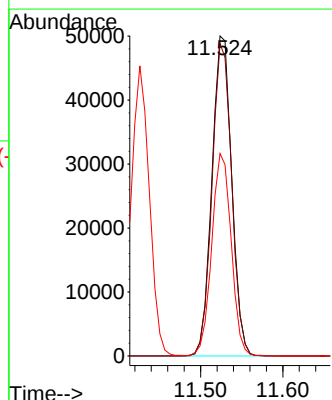
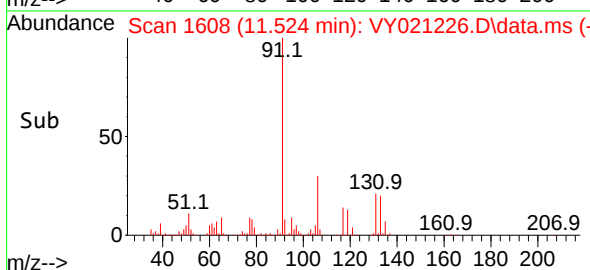
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

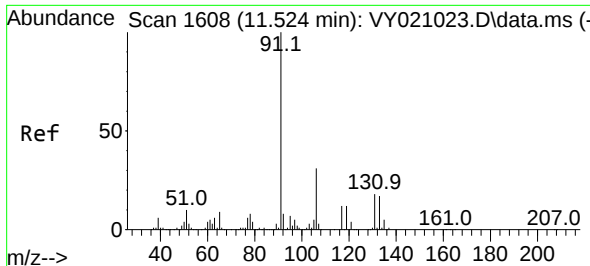


#66
1,1,1,2-Tetrachloroethane
Concen: 48.636 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04



Tgt Ion:131 Resp: 83725
Ion Ratio Lower Upper
131 100
133 96.5 47.0 141.0
119 62.1 33.3 99.9





#67

Ethyl Benzene

Concen: 48.432 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 41496

Ion Ratio Lower Upper

91 100

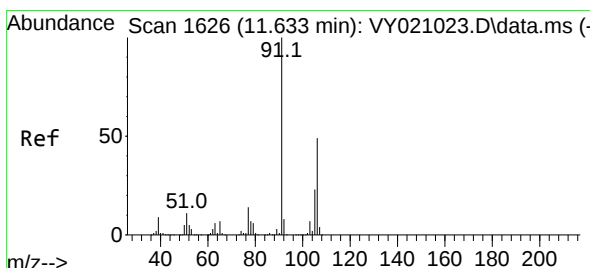
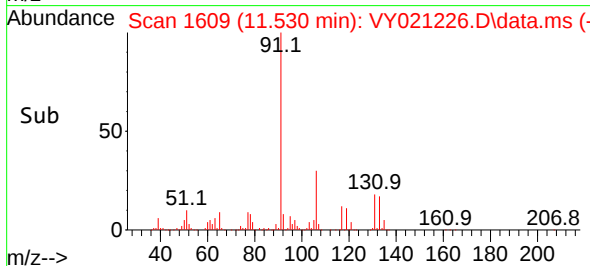
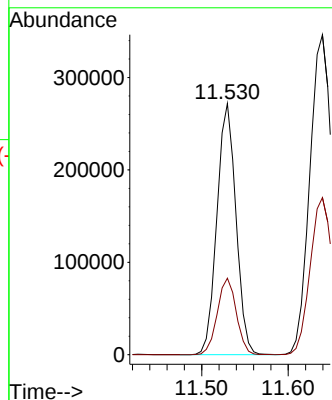
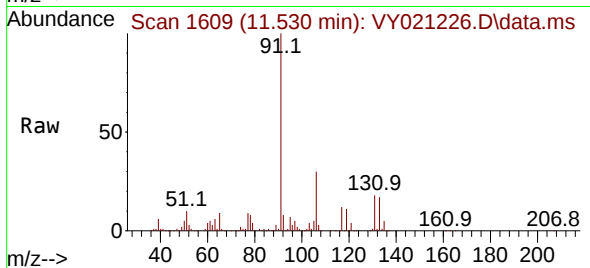
106 30.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#68

m/p-Xylenes

Concen: 96.064 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021226.D

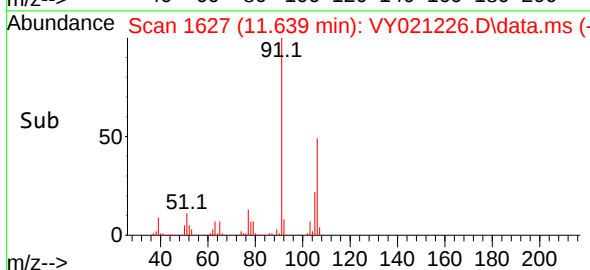
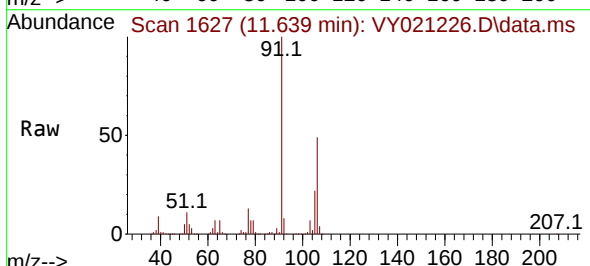
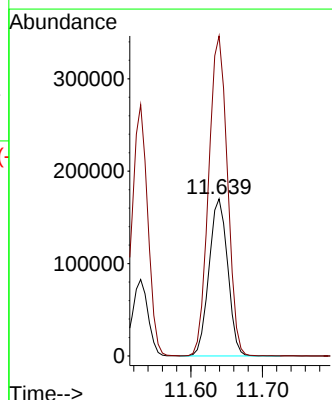
Acq: 18 Feb 2025 10:04

Tgt Ion:106 Resp: 307907

Ion Ratio Lower Upper

106 100

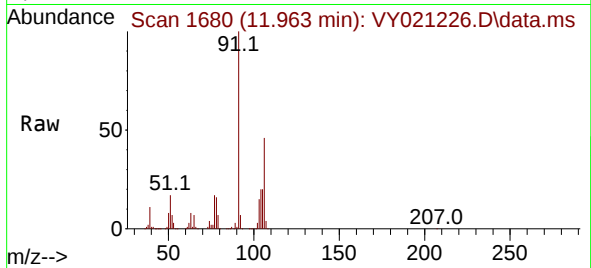
91 204.9 160.7 241.1





#69
o-Xylene
Concen: 48.624 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

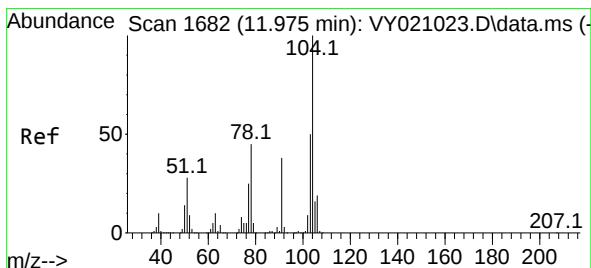
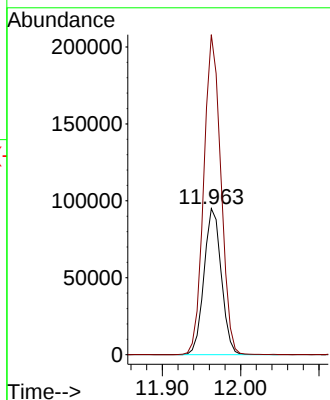
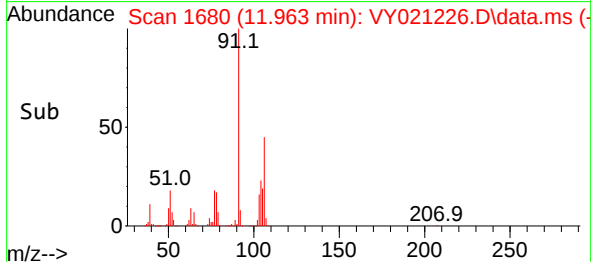
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



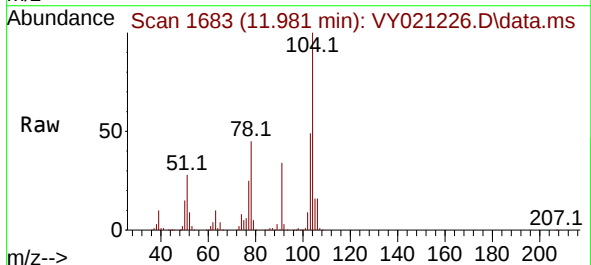
Tgt Ion:106 Resp: 145304
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.5

Manual Integrations
APPROVED

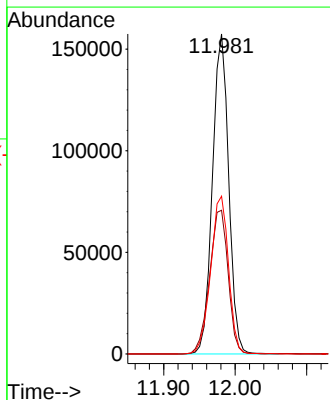
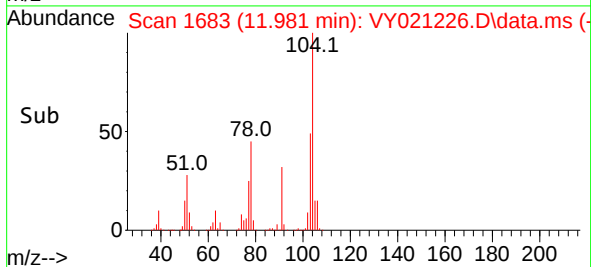
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 49.871 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04



Tgt Ion:104 Resp: 248391
Ion Ratio Lower Upper
104 100
78 51.6 39.2 58.8
103 54.2 43.8 65.6





#71

Bromoform

Concen: 53.037 ug/l

RT: 12.145 min Scan# 1708

Delta R.T. 0.012 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

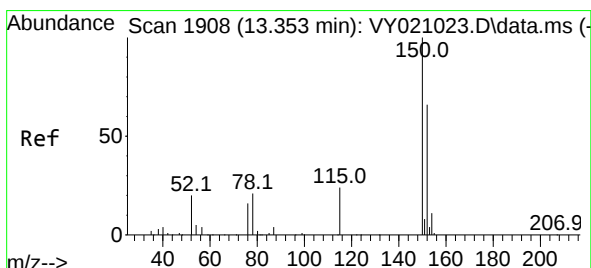
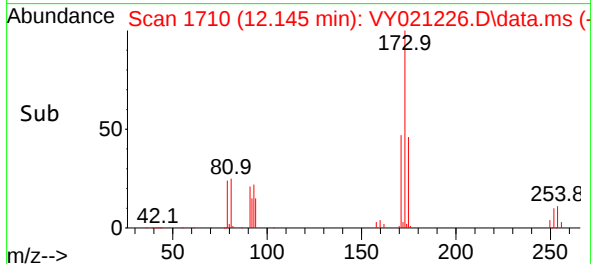
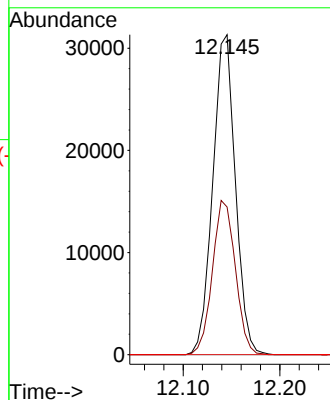
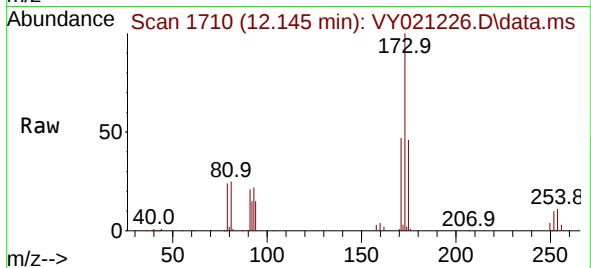
VSTDCCC050

Tgt Ion:173 Resp: 50820
 Ion Ratio Lower Upper
 173 100
 175 49.0 23.5 70.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

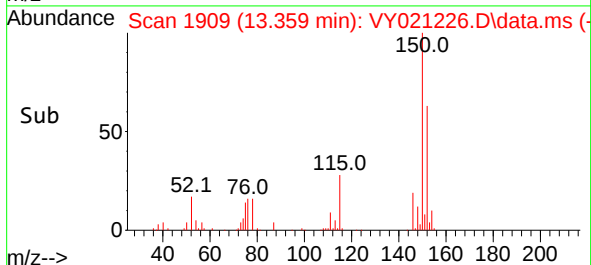
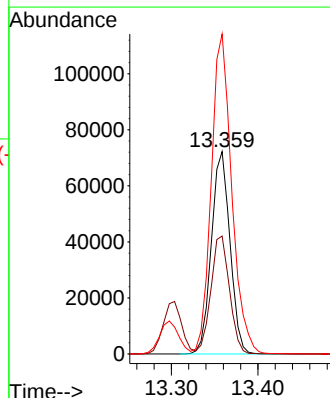
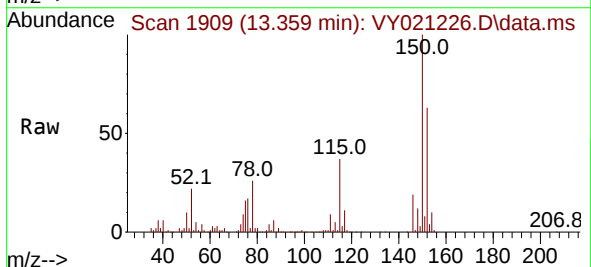
RT: 13.359 min Scan# 1909

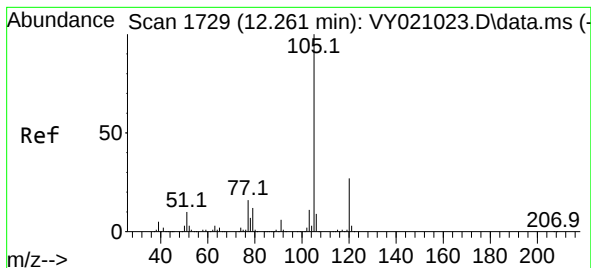
Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Tgt Ion:152 Resp: 107740
 Ion Ratio Lower Upper
 152 100
 115 58.1 30.0 90.0
 150 174.1 0.0 344.6





#73

Isopropylbenzene

Concen: 46.496 ug/l

RT: 12.267 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 39130

Ion Ratio Lower Upper

105 100

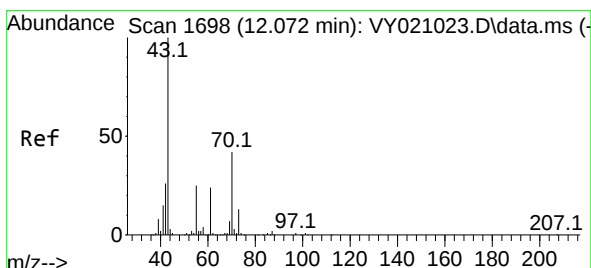
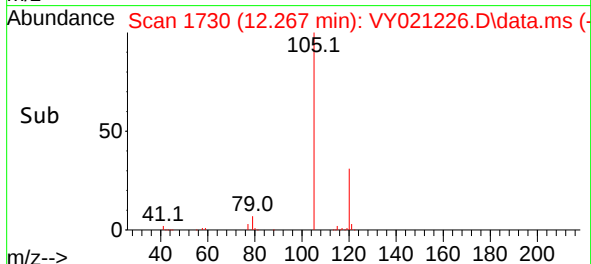
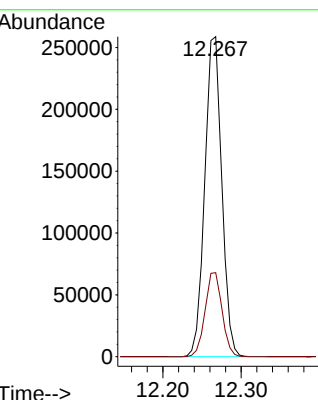
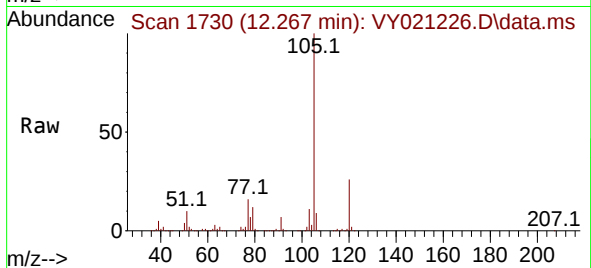
120 26.2 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#74

N-ethyl acetate

Concen: 59.294 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Tgt Ion: 43 Resp: 109100

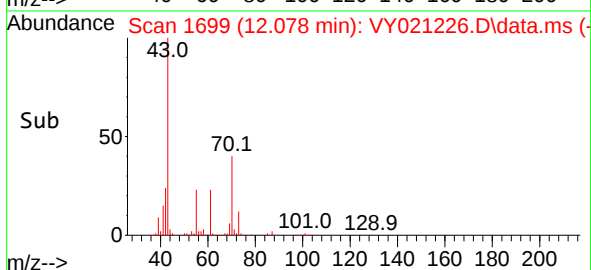
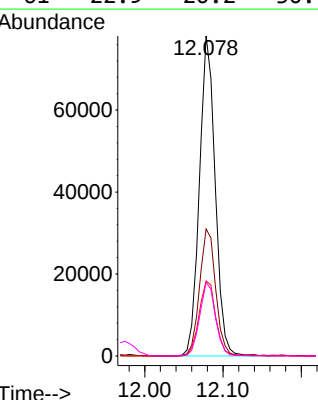
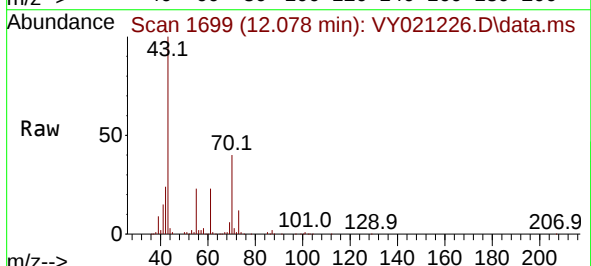
Ion Ratio Lower Upper

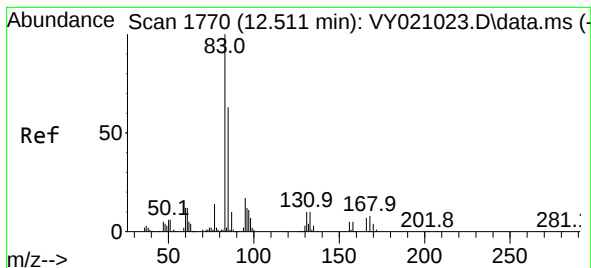
43 100

70 40.5 36.6 55.0

55 24.9 22.2 33.4

61 22.9 20.2 30.4





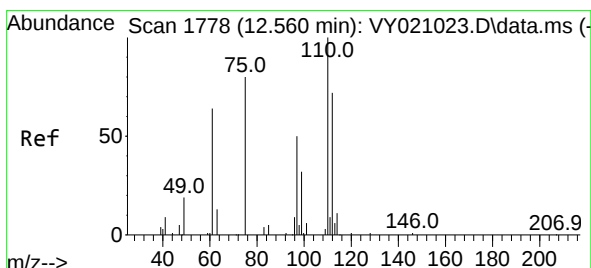
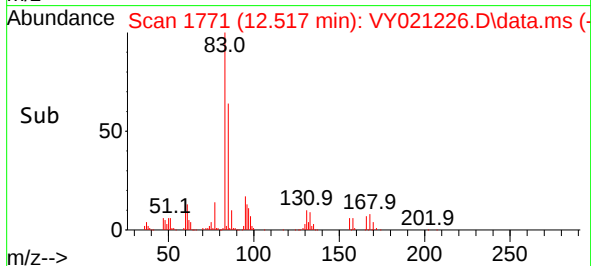
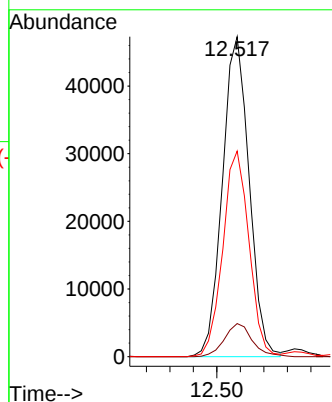
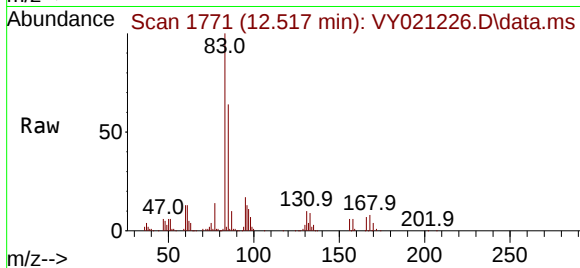
#75
1,1,2,2-Tetrachloroethane
Concen: 53.388 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 7472
Ion Ratio Lower Upper
83 100
131 10.8 4.9 14.6
85 63.0 32.6 98.0

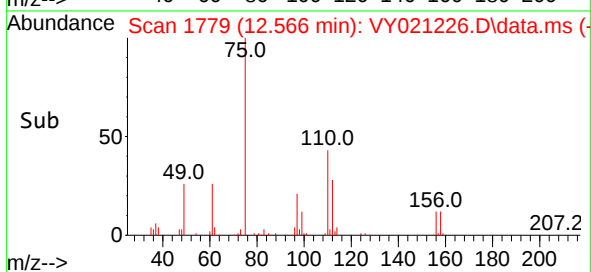
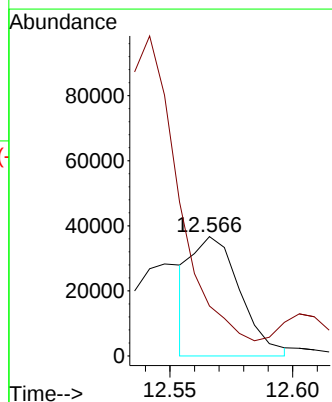
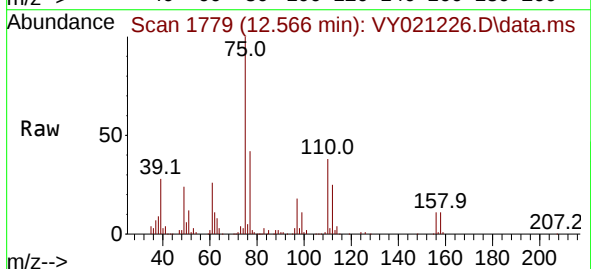
Manual Integrations
APPROVED

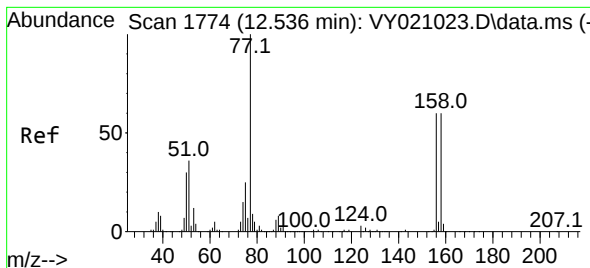
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#76
1,2,3-Trichloropropane
Concen: 51.520 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 75 Resp: 50352
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.709 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

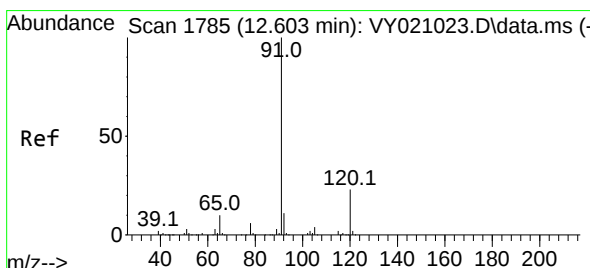
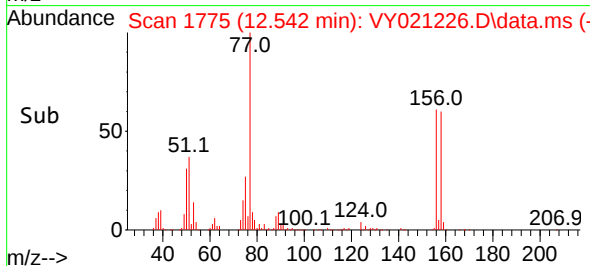
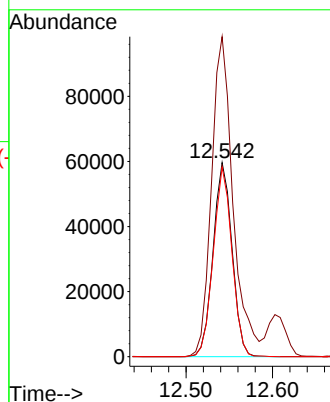
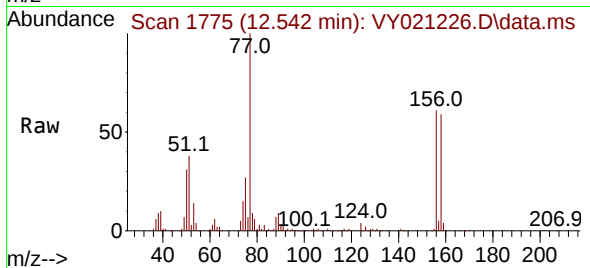
VSTDCCC050

Tgt Ion:	156	Resp:	9071
Ion Ratio	Lower	Upper	
156	100		
77	186.7	97.3	291.8
158	96.4	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#78

n-propylbenzene

Concen: 47.364 ug/l

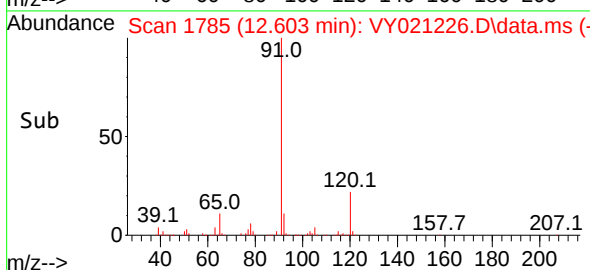
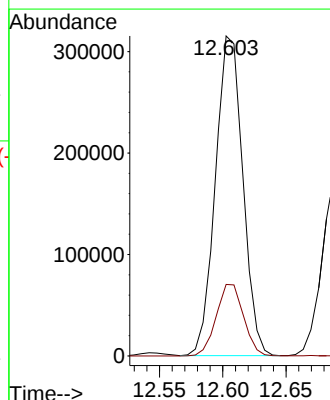
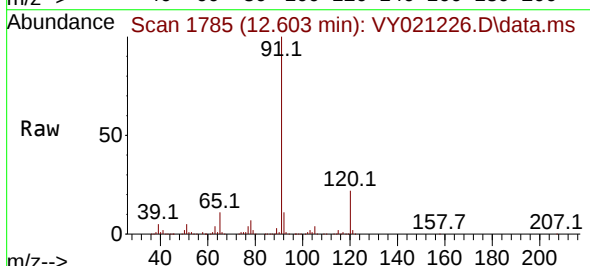
RT: 12.603 min Scan# 1785

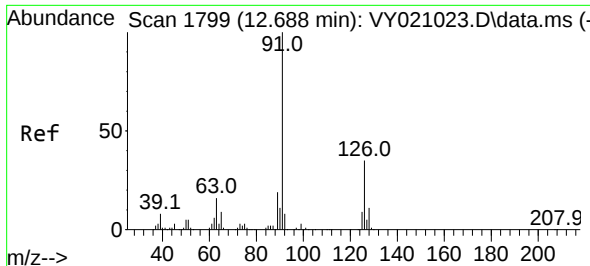
Delta R.T. -0.000 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Tgt Ion:	91	Resp:	474846
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.0	33.0





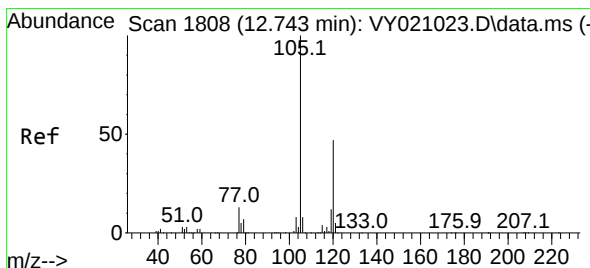
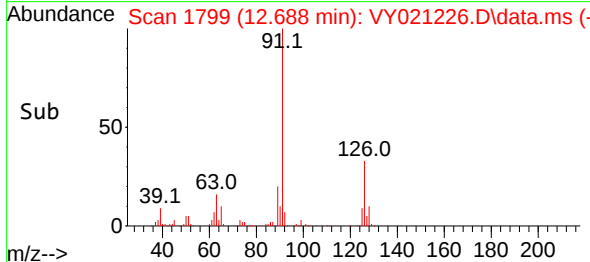
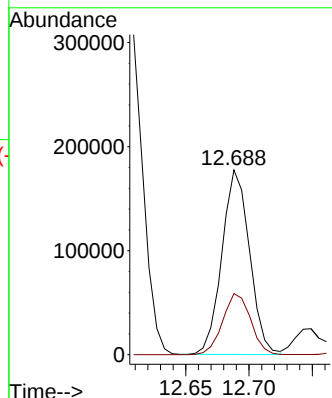
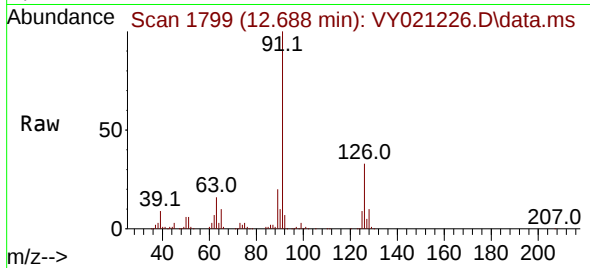
#79
2-Chlorotoluene
Concen: 46.932 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 26948
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0

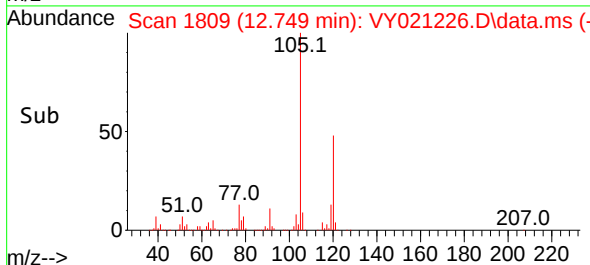
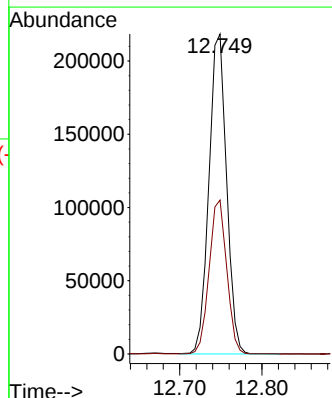
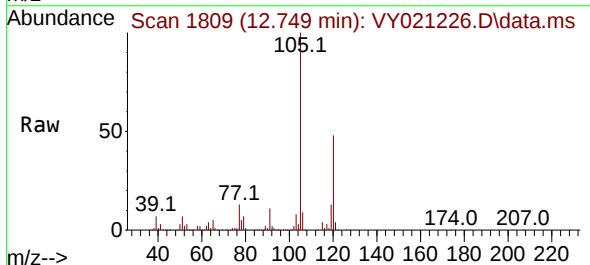
Manual Integrations
APPROVED

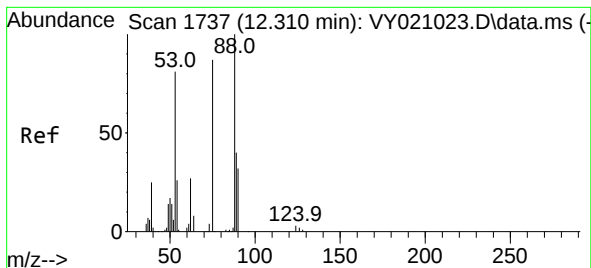
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.606 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

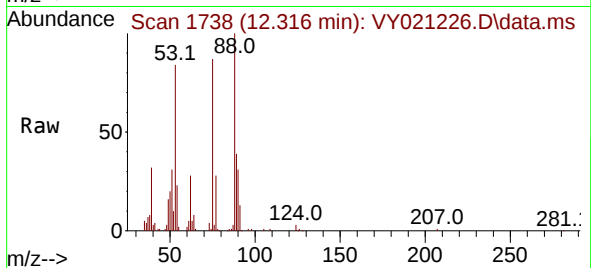
Tgt Ion:105 Resp: 324839
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 54.583 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

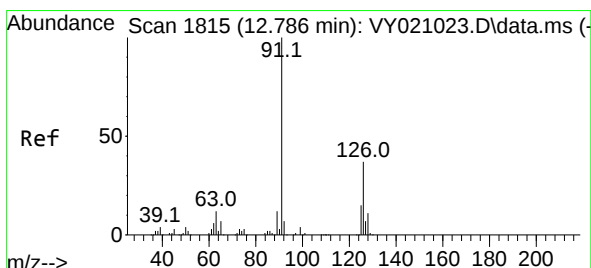
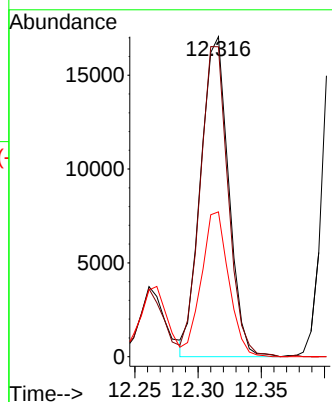
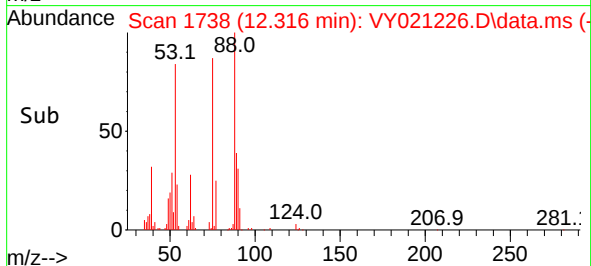
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 26144
Ion Ratio Lower Upper
75 100
53 97.4 74.0 111.0
89 44.7 36.5 54.7

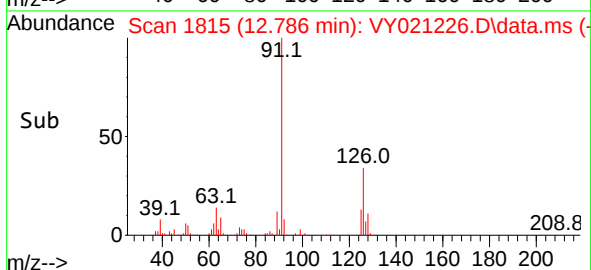
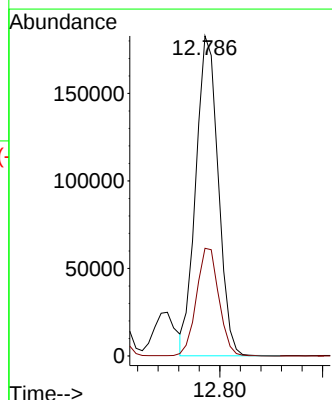
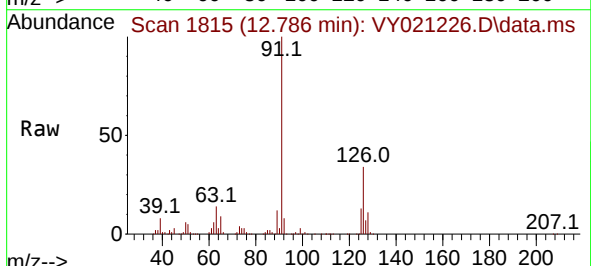
Manual Integrations
APPROVED

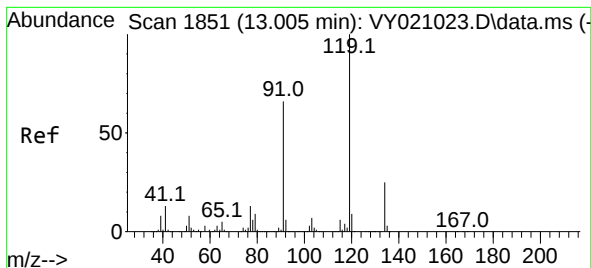
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 47.259 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 91 Resp: 276477
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 46.266 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

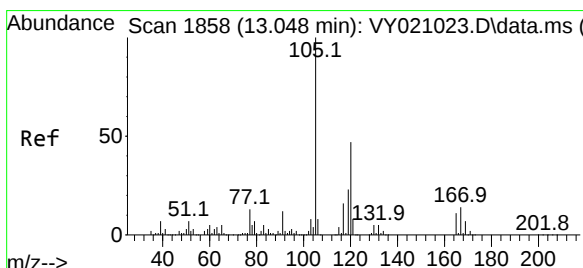
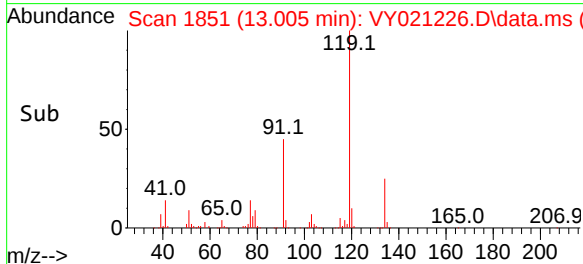
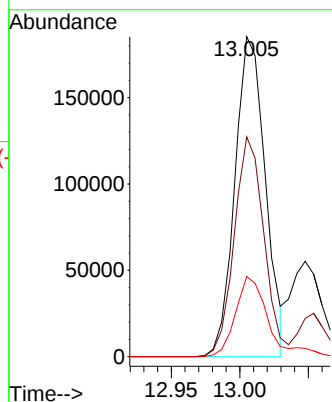
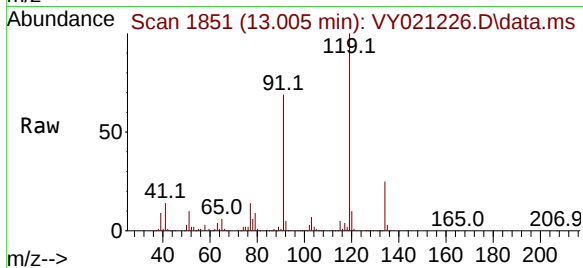
Tgt Ion:119 Resp: 28695

Ion	Ratio	Lower	Upper
119	100		
91	67.1	31.5	94.5
134	26.9	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#84

1,2,4-Trimethylbenzene

Concen: 47.749 ug/l

RT: 13.054 min Scan# 1859

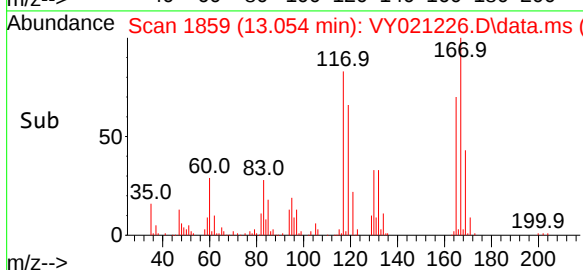
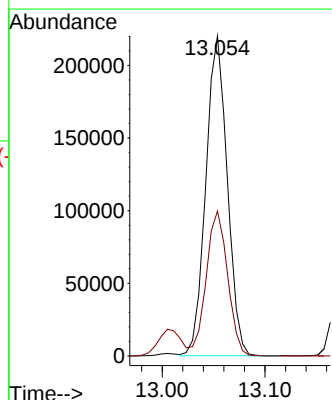
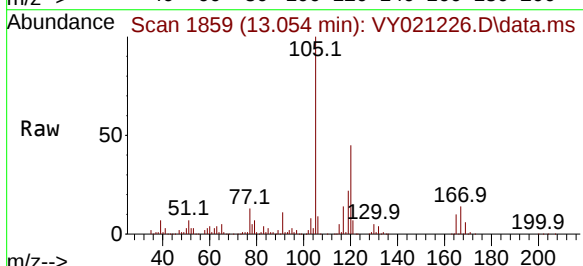
Delta R.T. 0.006 min

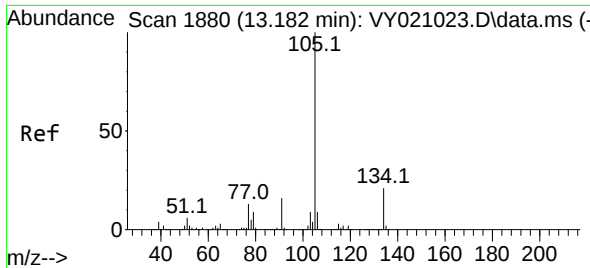
Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Tgt Ion:105 Resp: 318570

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.1	66.3





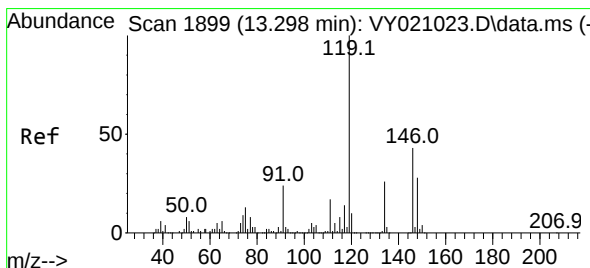
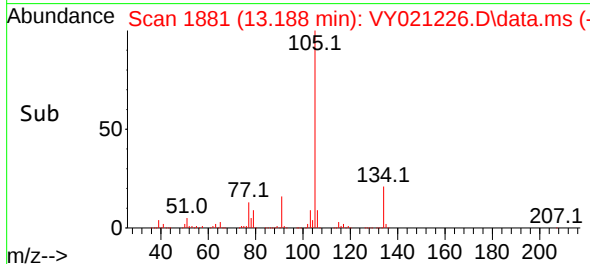
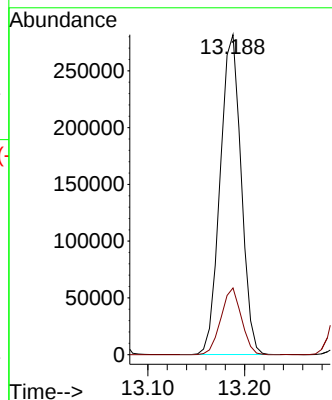
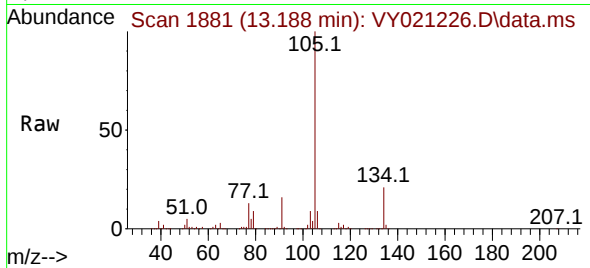
#85
 sec-Butylbenzene
 Concen: 47.471 ug/l
 RT: 13.188 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY021226.D
 Acq: 18 Feb 2025 10:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 423810
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 28.9

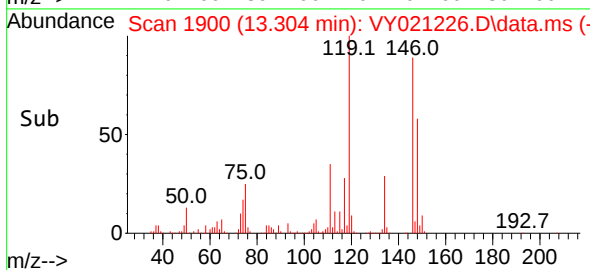
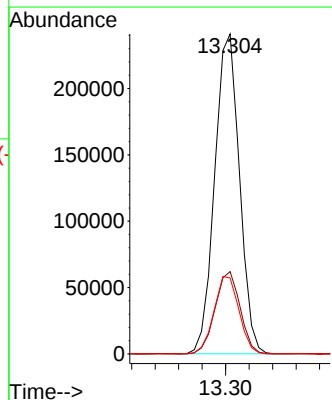
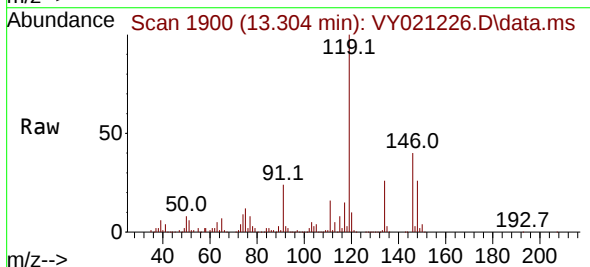
Manual Integrations
 APPROVED

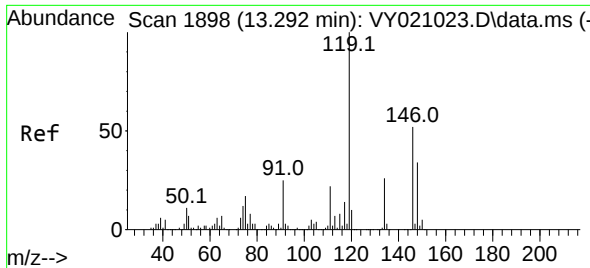
Reviewed By :Romaben Patel 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#86
 p-Isopropyltoluene
 Concen: 47.531 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY021226.D
 Acq: 18 Feb 2025 10:04

Tgt Ion:119 Resp: 352501
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.5 11.7 35.0





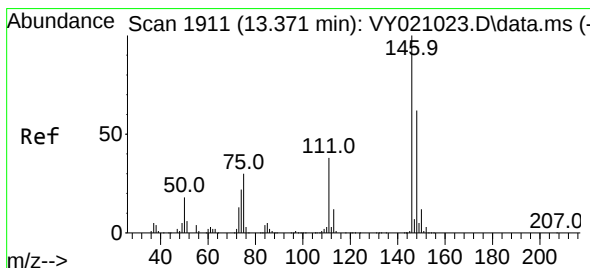
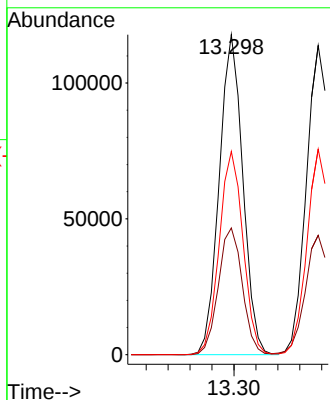
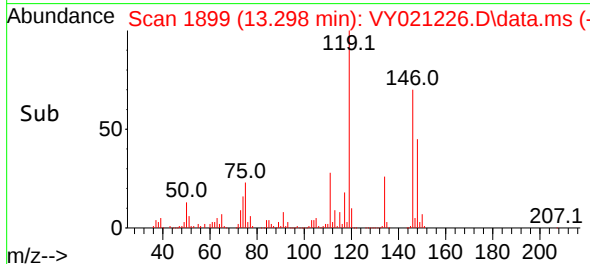
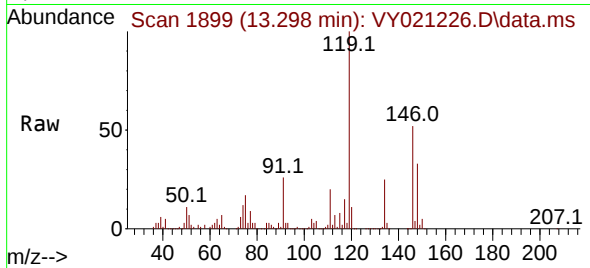
#87
1,3-Dichlorobenzene
Concen: 47.019 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 17632
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 64.1 31.9 95.9

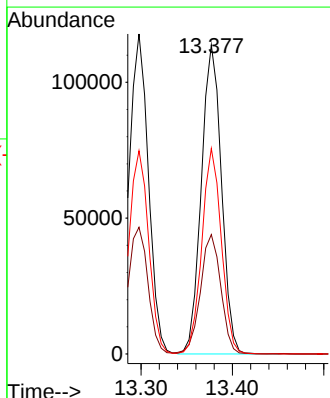
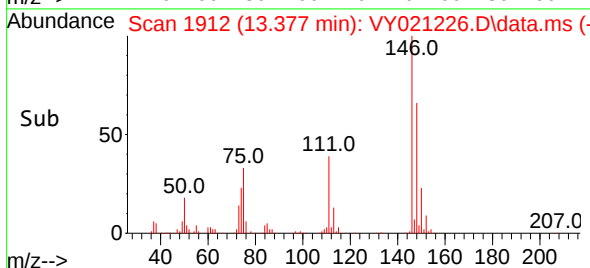
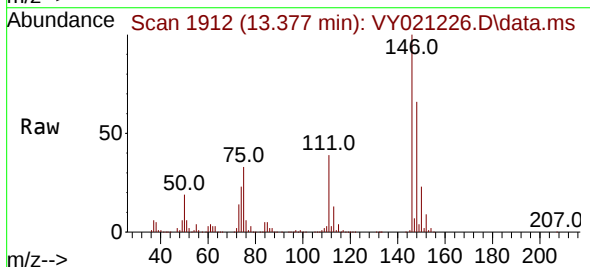
Manual Integrations
APPROVED

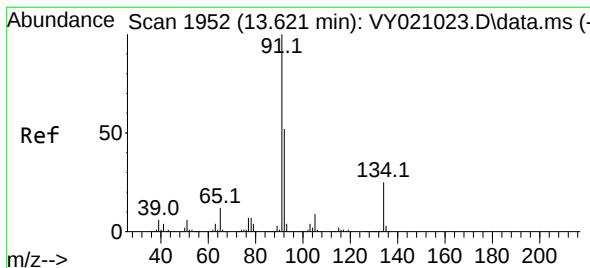
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#88
1,4-Dichlorobenzene
Concen: 47.172 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion:146 Resp: 174171
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.9
148 64.5 31.6 94.7





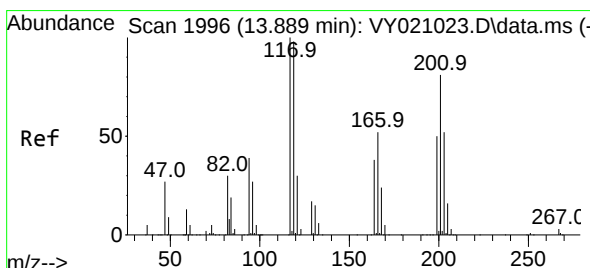
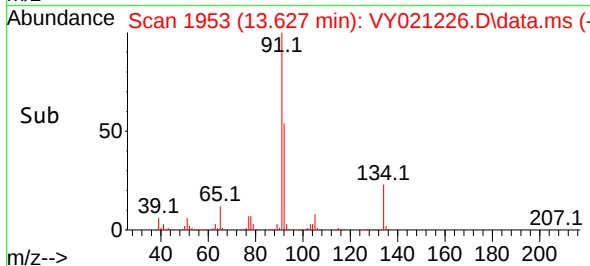
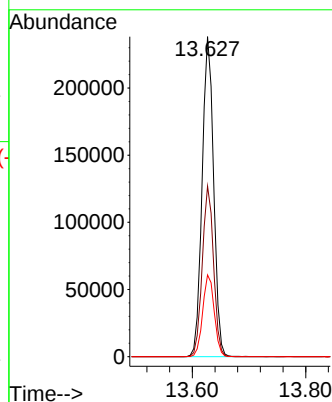
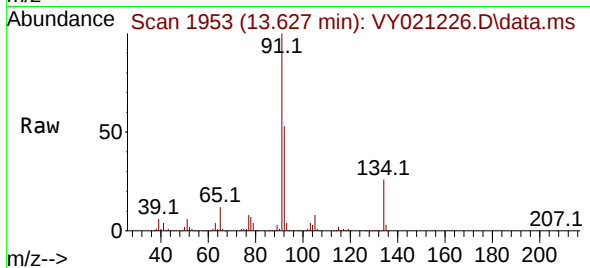
#89
n-Butylbenzene
Concen: 49.587 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 335480
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 25.7 12.3 36.8

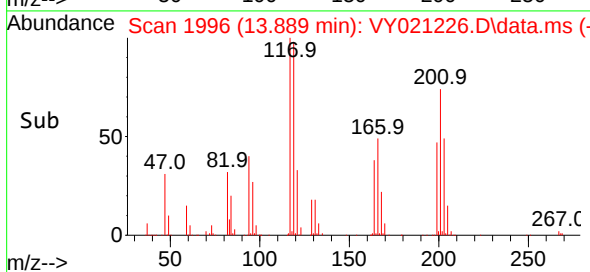
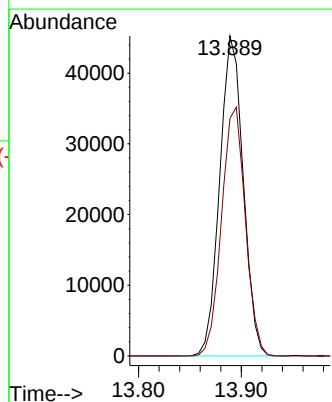
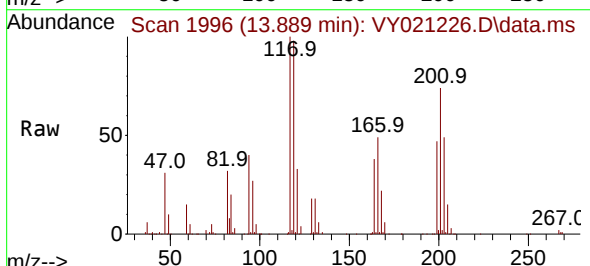
Manual Integrations
APPROVED

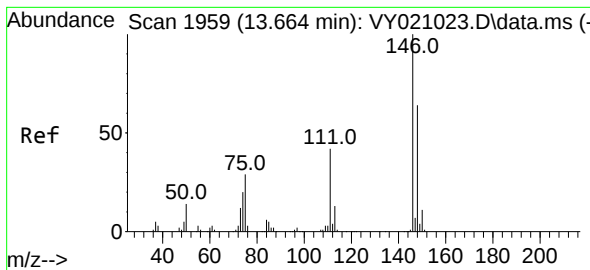
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#90
Hexachloroethane
Concen: 46.447 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

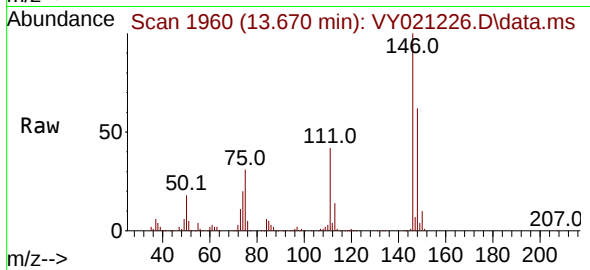
Tgt Ion:117 Resp: 71860
Ion Ratio Lower Upper
117 100
201 78.6 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 48.537 ug/l
RT: 13.670 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

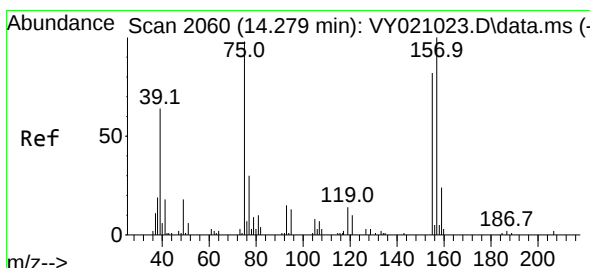
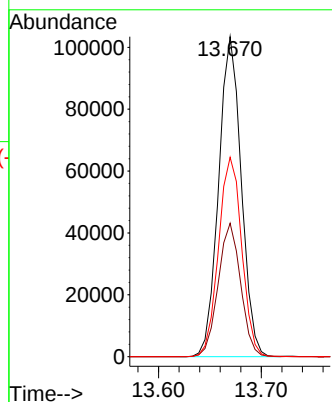
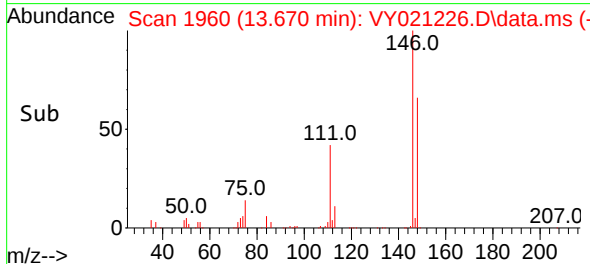
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 15797
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 63.8 31.4 94.3

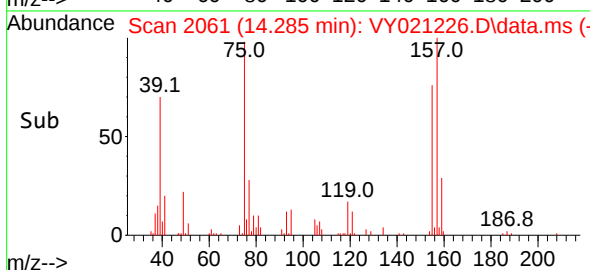
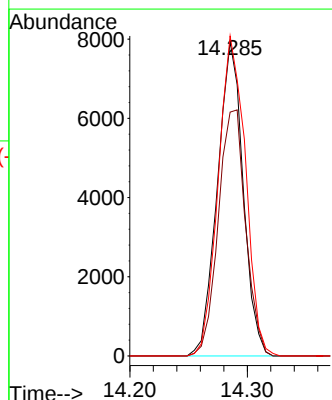
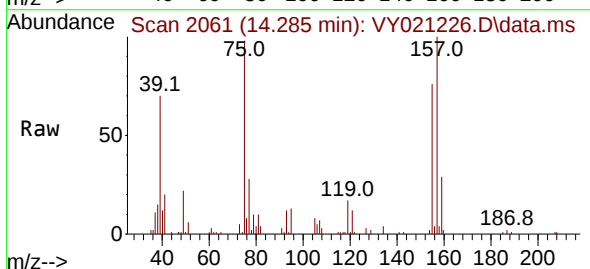
Manual Integrations
APPROVED

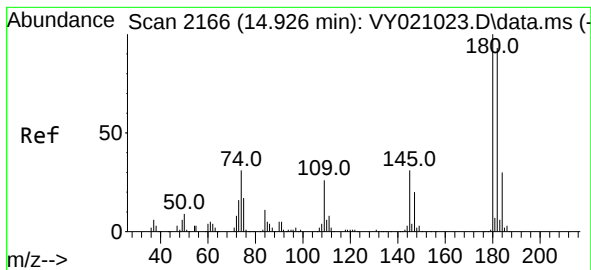
Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.610 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion: 75 Resp: 12050
Ion Ratio Lower Upper
75 100
155 83.3 42.1 126.3
157 107.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 54.897 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

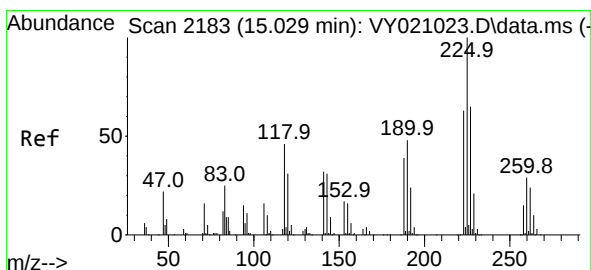
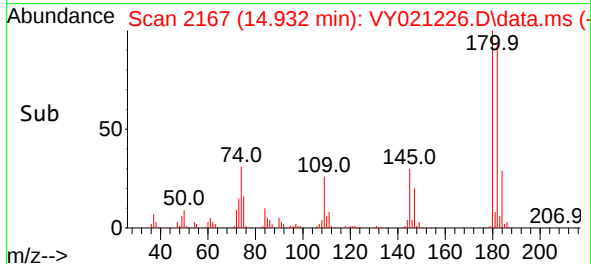
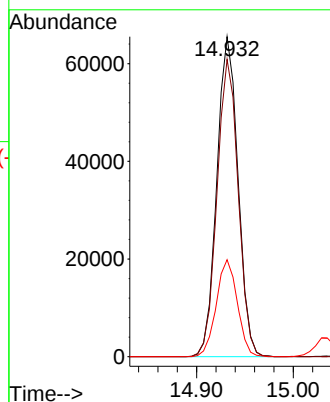
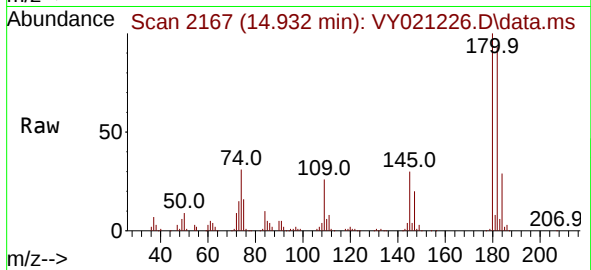
VSTDCCC050

Tgt Ion:180	Resp:	9945
Ion Ratio	Lower	Upper
180	100	
182	93.1	47.9 143.7
145	30.2	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#94

Hexachlorobutadiene

Concen: 51.029 ug/l

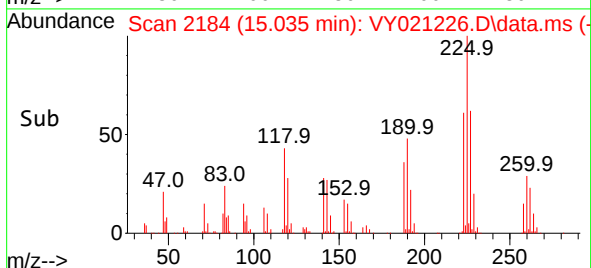
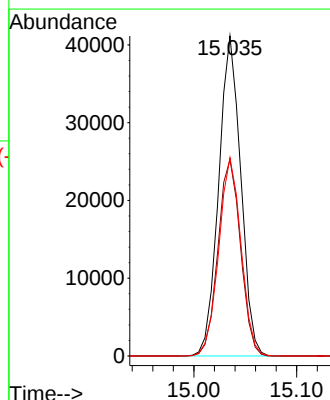
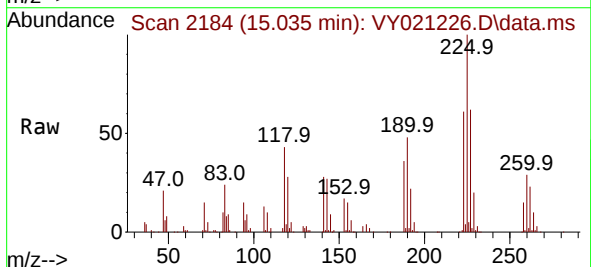
RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021226.D

Acq: 18 Feb 2025 10:04

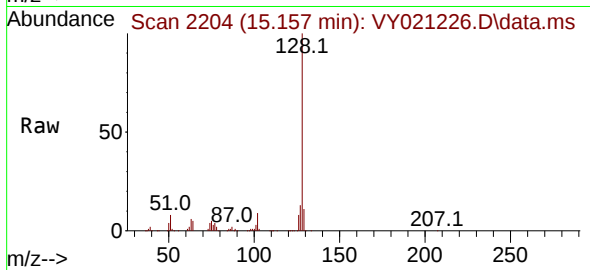
Tgt Ion:225	Resp:	61264
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.4 94.3
227	62.6	32.3 96.8





#95
Naphthalene
Concen: 62.714 ug/l
RT: 15.157 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

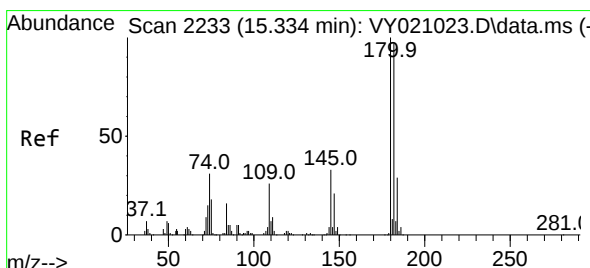
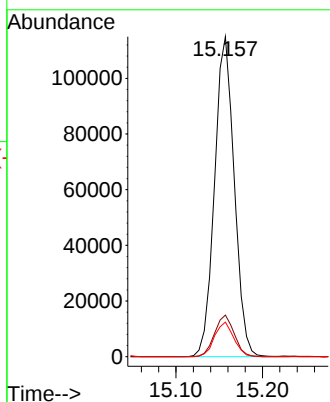
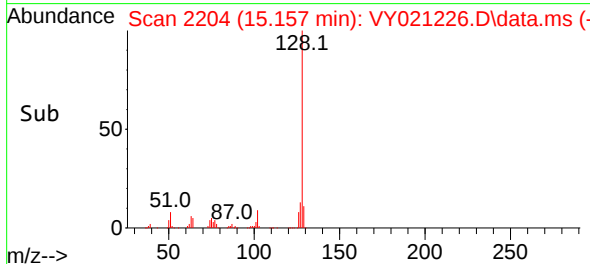
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 181777
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 57.406 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021226.D
Acq: 18 Feb 2025 10:04

Tgt Ion:180 Resp: 86551
Ion Ratio Lower Upper
180 100
182 95.1 46.3 138.8
145 31.6 16.1 48.2

