

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011913.D
 Acq On : 20 Dec 2022 11:07
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

Quant Time: Dec 20 11:50:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 11:47:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	227356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42894	23.231	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	46.460%#		
35) Dibromofluoromethane	7.722	113	40227	23.120	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	46.240%#		
50) Toluene-d8	10.179	98	164741	26.991	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	53.980%		
62) 4-Bromofluorobenzene	12.483	95	58398	24.919	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	49.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22139	17.838	ug/l	98
3) Chloromethane	2.113	50	32896	23.660	ug/l	97
4) Vinyl Chloride	2.253	62	36864	22.650	ug/l	100
5) Bromomethane	2.643	94	27069	24.104	ug/l	91
6) Chloroethane	2.796	64	25812	22.895	ug/l	100
7) Trichlorofluoromethane	3.125	101	68404	21.887	ug/l	98
8) Diethyl Ether	3.527	74	21947	20.048	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	37788	20.254	ug/l	95
10) Methyl Iodide	4.094	142	52239	23.914	ug/l	96
11) Tert butyl alcohol	4.948	59	24274	87.325	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	38750	23.030	ug/l	97
13) Acrolein	3.729	56	21963	68.526	ug/l	96
14) Allyl chloride	4.485	41	56891	20.355	ug/l	96
15) Acrylonitrile	5.161	53	50985	86.771	ug/l	100
16) Acetone	3.948	43	49216	79.278	ug/l	99
17) Carbon Disulfide	4.198	76	119690	31.148	ug/l	100
18) Methyl Acetate	4.478	43	28544	16.281	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	100749	19.124	ug/l	95
20) Methylene Chloride	4.716	84	61438	21.592	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	44737	23.656	ug/l	96
22) Diisopropyl ether	6.118	45	120827	19.814	ug/l	97
23) Vinyl Acetate	6.064	43	331580	95.314	ug/l	99
24) 1,1-Dichloroethane	6.021	63	77027	20.787	ug/l	100
25) 2-Butanone	6.990	43	64922	81.301	ug/l	99
26) 2,2-Dichloropropane	6.984	77	72873	20.903	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	50225	21.730	ug/l	98
28) Bromochloromethane	7.338	49	22521	16.694	ug/l	95
29) Tetrahydrofuran	7.350	42	40001	88.009	ug/l	98
30) Chloroform	7.508	83	83089	20.974	ug/l	99
31) Cyclohexane	7.789	56	69431	23.378	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	77339	21.890	ug/l	99
36) 1,1-Dichloropropene	7.923	75	63425	24.226	ug/l	100
37) Ethyl Acetate	7.069	43	27763	18.139	ug/l	98
38) Carbon Tetrachloride	7.905	117	72941	23.718	ug/l	96
39) Methylcyclohexane	9.185	83	75212	25.532	ug/l	99
40) Benzene	8.161	78	182193	23.295	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	13134m	16.998	ug/l	
42) 1,2-Dichloroethane	8.240	62	52524	21.717	ug/l	100
43) Isopropyl Acetate	8.277	43	49614	17.876	ug/l	96
44) Trichloroethene	8.941	130	51891	23.690	ug/l	97
45) 1,2-Dichloropropane	9.215	63	42599	21.044	ug/l	100
46) Dibromomethane	9.307	93	24153	21.315	ug/l	98
47) Bromodichloromethane	9.496	83	62166	21.236	ug/l	99
48) Methyl methacrylate	9.295	41	23528	19.232	ug/l	96
49) 1,4-Dioxane	9.295	88	5535	352.598	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	135870	88.846	ug/l	99
52) Toluene	10.246	92	118420	23.817	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	62467	21.363	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	70368	21.419	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	34612	20.666	ug/l	98
56) Ethyl methacrylate	10.508	69	42470	19.644	ug/l	98
57) 1,3-Dichloropropane	10.788	76	58008	20.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	87818	87.598	ug/l	98
59) 2-Hexanone	10.831	43	97569	89.296	ug/l	100
60) Dibromochloromethane	10.983	129	43950	20.952	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32007	21.095	ug/l	99
64) Tetrachloroethene	10.721	164	53469	24.162	ug/l	98
65) Chlorobenzene	11.514	112	125182	22.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	46642	21.333	ug/l	100
67) Ethyl Benzene	11.593	91	227836	22.944	ug/l	100
68) m/p-Xylenes	11.703	106	179190	47.119	ug/l	99
69) o-Xylene	12.032	106	82585	22.783	ug/l	98
70) Styrene	12.044	104	139418	22.535	ug/l	99
71) Bromoform	12.209	173	27575	20.448	ug/l #	98
73) Isopropylbenzene	12.331	105	222258	22.009	ug/l	99
74) N-amyl acetate	12.142	43	43822	18.049	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	36532	18.576	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	36359m	23.057	ug/l	
77) Bromobenzene	12.611	156	51803	21.971	ug/l	97
78) n-propylbenzene	12.672	91	272011	22.477	ug/l	99
79) 2-Chlorotoluene	12.757	91	151428	21.925	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	193818	22.707	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	13420	19.311	ug/l	98
82) 4-Chlorotoluene	12.855	91	155376	21.689	ug/l	99
83) tert-Butylbenzene	13.074	119	161770	21.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	191743	22.815	ug/l	99
85) sec-Butylbenzene	13.251	105	244448	22.085	ug/l	100
86) p-Isopropyltoluene	13.367	119	208127	22.592	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	104189	21.958	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	102067	21.643	ug/l	99
89) n-Butylbenzene	13.696	91	184858	22.073	ug/l	100
90) Hexachloroethane	13.958	117	38763	21.175	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	92178	21.588	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6390	18.636	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	52257	20.984	ug/l	98
94) Hexachlorobutadiene	15.111	225	35039	22.144	ug/l	100
95) Naphthalene	15.239	128	91320	18.933	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	43997	20.453	ug/l	98

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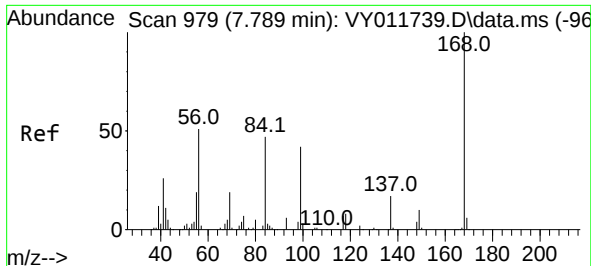
Manual Integrations
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Supervised By :Mahesh Dadoda 12/21/2022

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Response via : Initial Calibration

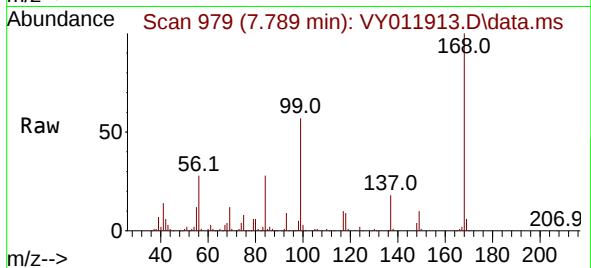
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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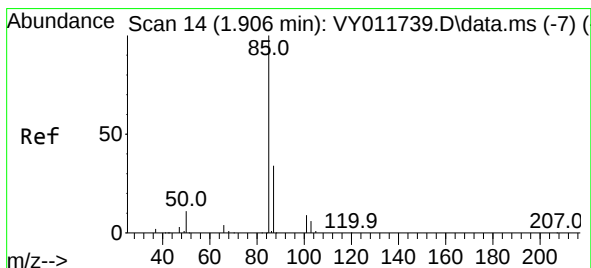
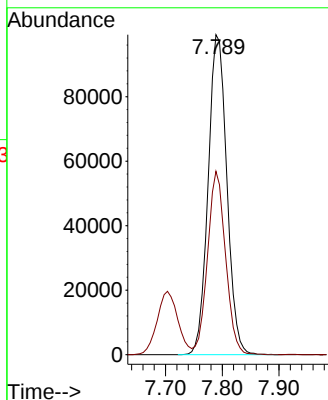
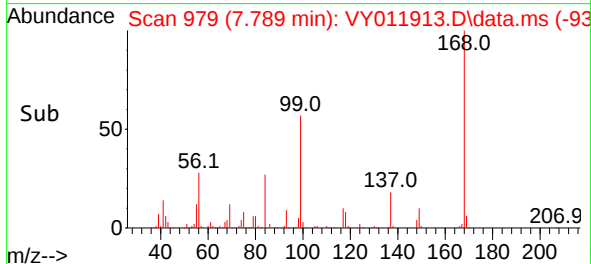
Instrument :
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Tgt Ion:168 Resp: 227350
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0

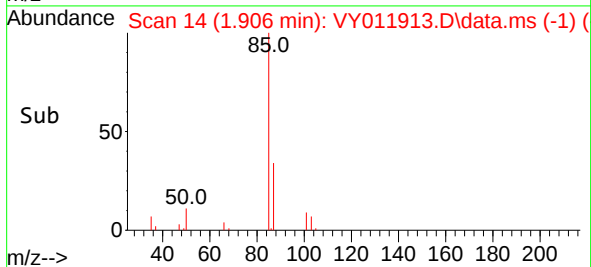
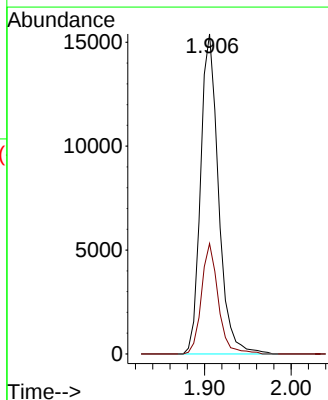
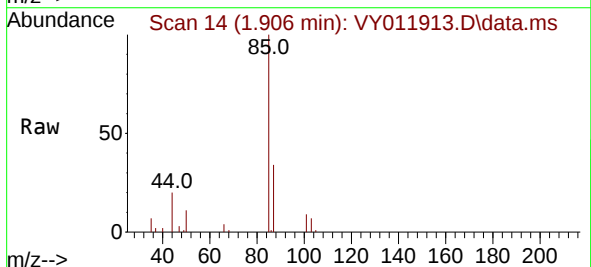
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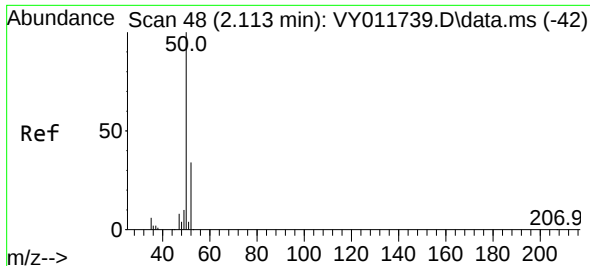
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#2
Dichlorodifluoromethane
Concen: 17.838 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

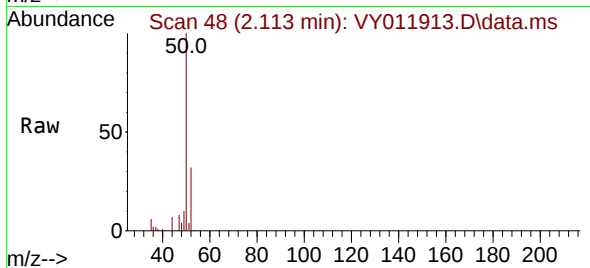
Tgt Ion: 85 Resp: 22139
Ion Ratio Lower Upper
85 100
87 34.5 16.8 50.4





#3
Chloromethane
Concen: 23.660 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

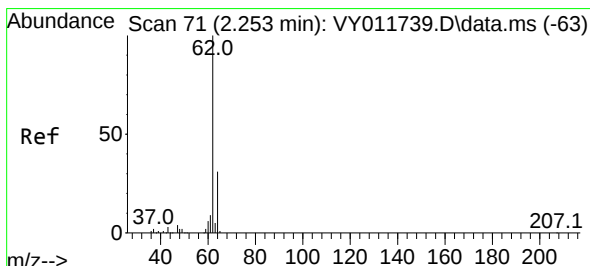
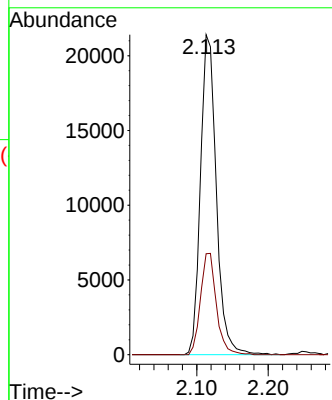
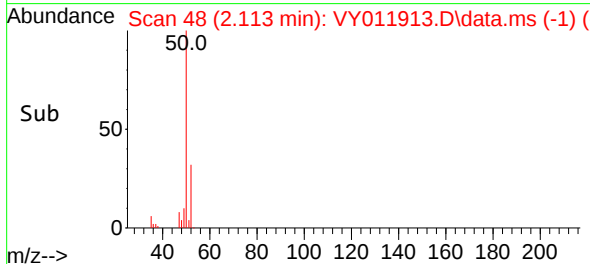
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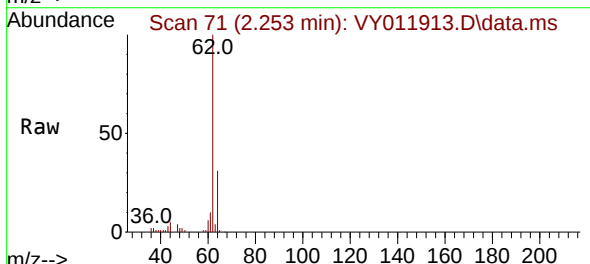
Tgt Ion: 50 Resp: 32890
Ion Ratio Lower Upper
50 100
52 31.6 26.8 40.2

Manual Integrations
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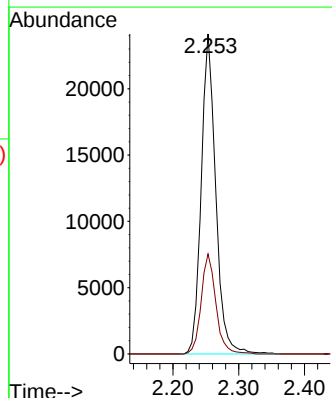
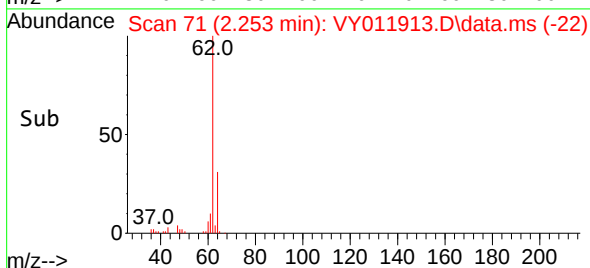
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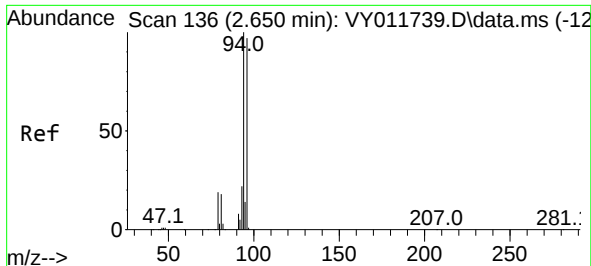


#4
Vinyl Chloride
Concen: 22.650 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



Tgt Ion: 62 Resp: 36864
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6





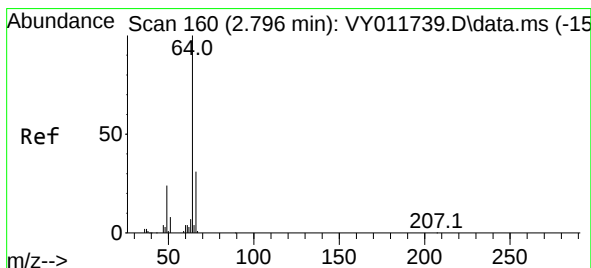
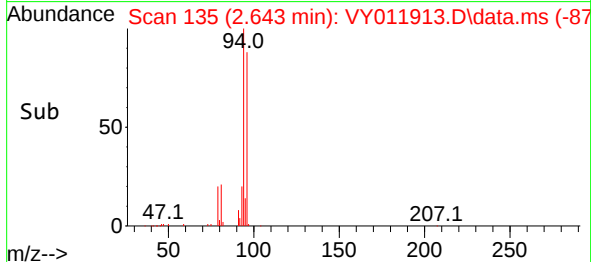
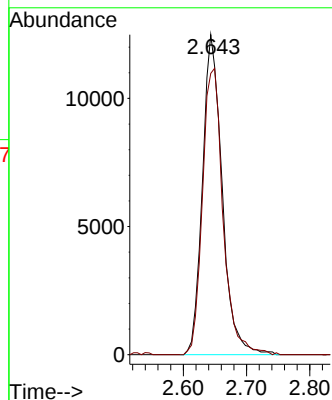
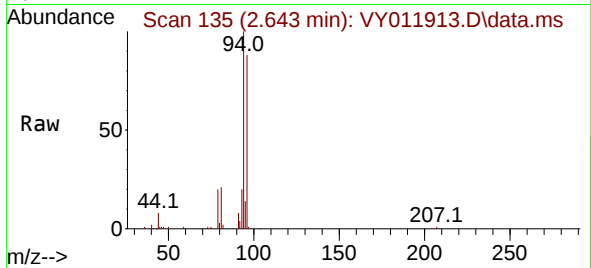
#5
Bromomethane
Concen: 24.104 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 27069
Ion Ratio Lower Upper
94 100
96 87.9 77.4 116.2

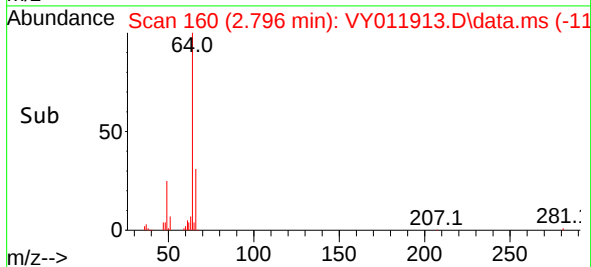
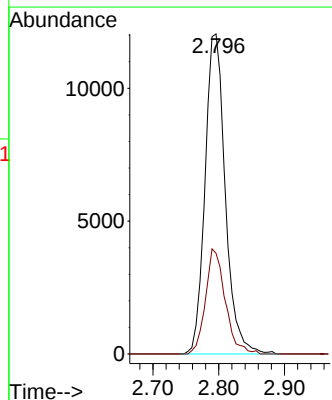
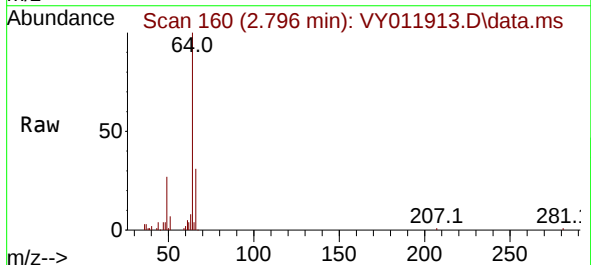
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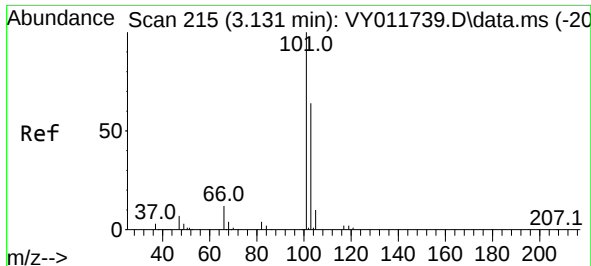
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#6
Chloroethane
Concen: 22.895 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

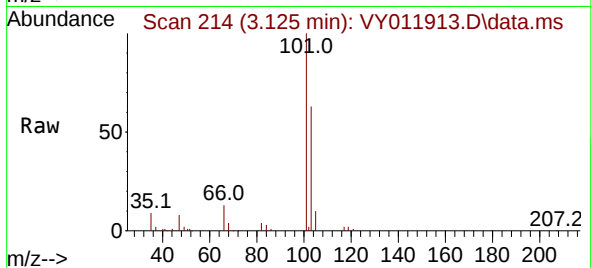
Tgt Ion: 64 Resp: 25812
Ion Ratio Lower Upper
64 100
66 31.4 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 21.887 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY011913.D
 Acq: 20 Dec 2022 11:07

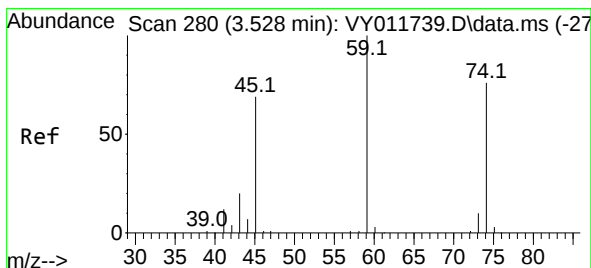
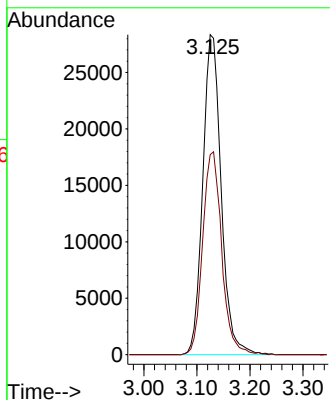
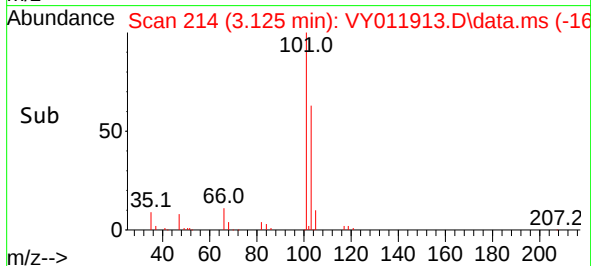
Instrument :
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Tgt Ion:101 Resp: 68404
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.0 76.6

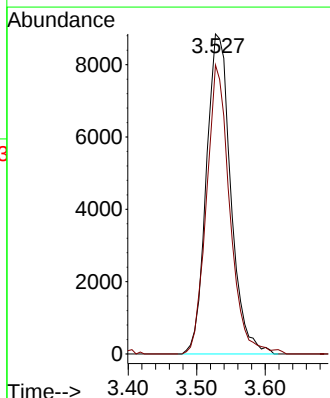
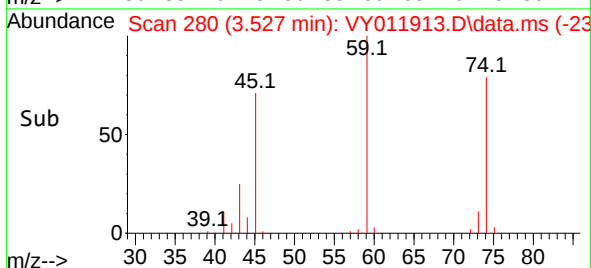
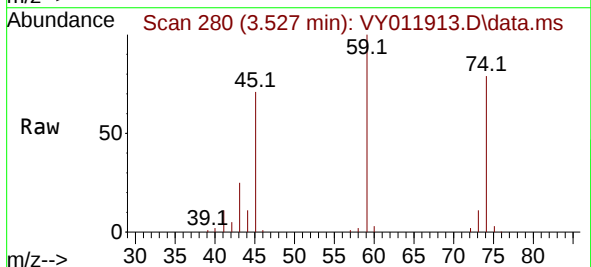
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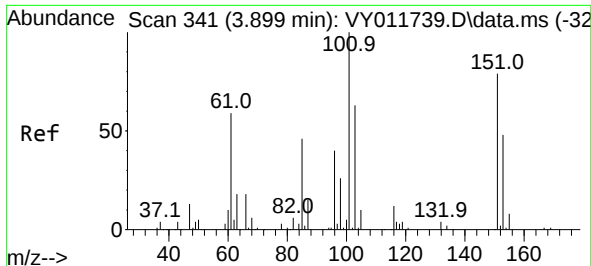
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#8
 Diethyl Ether
 Concen: 20.048 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY011913.D
 Acq: 20 Dec 2022 11:07

Tgt Ion: 74 Resp: 21947
 Ion Ratio Lower Upper
 74 100
 45 86.1 46.8 140.3





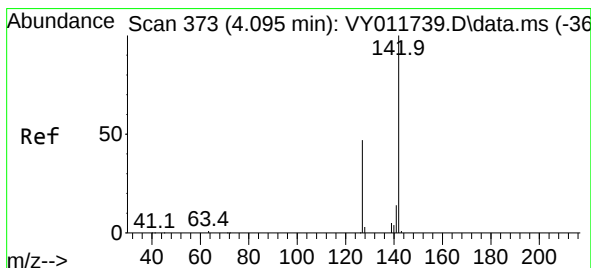
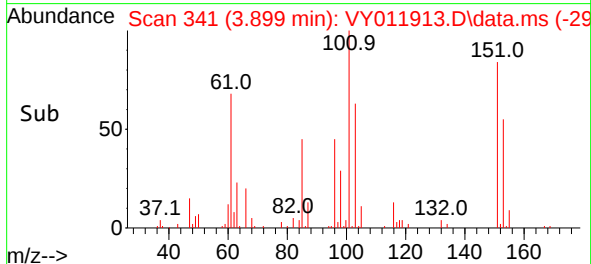
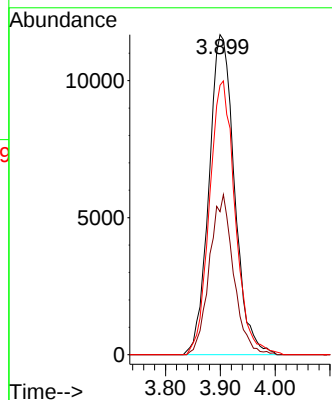
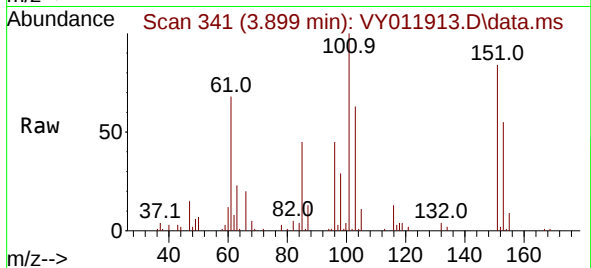
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.254 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3778
Ion Ratio Lower Upper
101 100
85 47.2 36.2 54.2
151 85.8 64.2 96.2

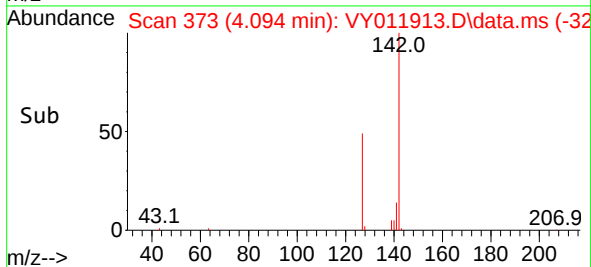
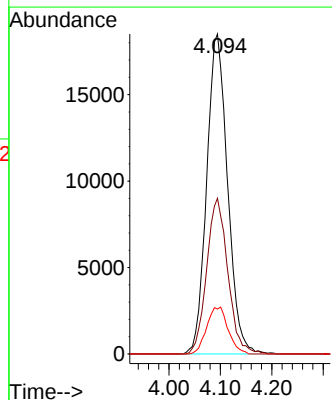
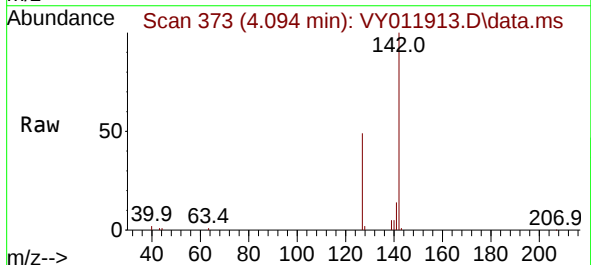
Manual Integrations
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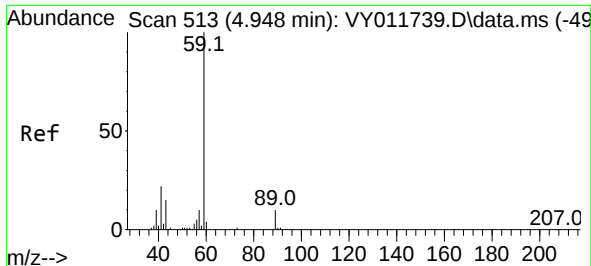
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 23.914 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion:142 Resp: 52239
Ion Ratio Lower Upper
142 100
127 49.3 37.0 55.4
141 15.0 11.4 17.0





#11

Tert butyl alcohol

Concen: 87.325 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 24274

Ion Ratio Lower Upper

59 100

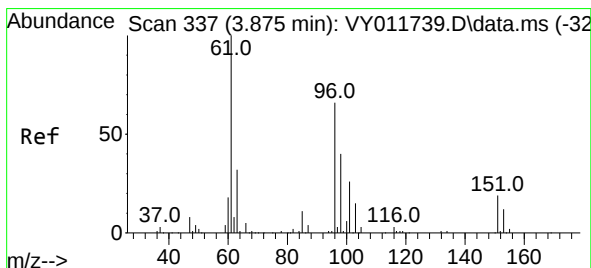
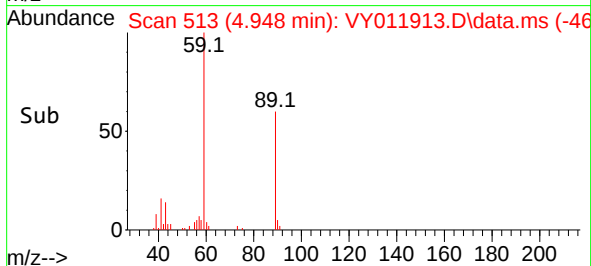
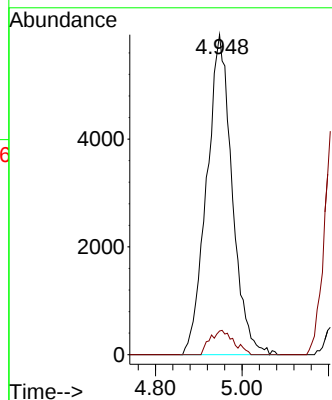
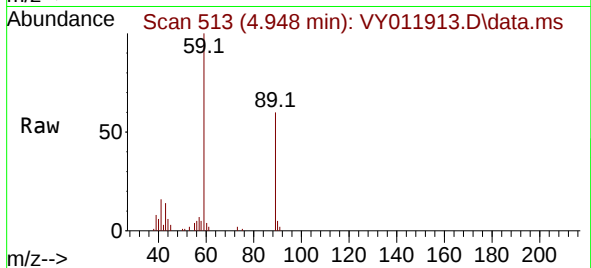
57 7.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#12

1,1-Dichloroethene

Concen: 23.030 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

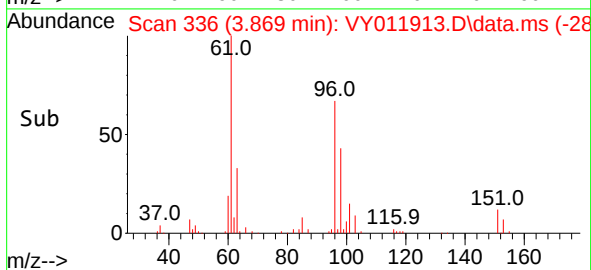
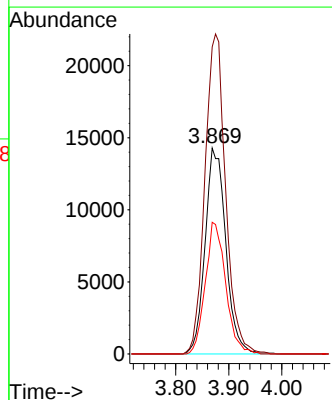
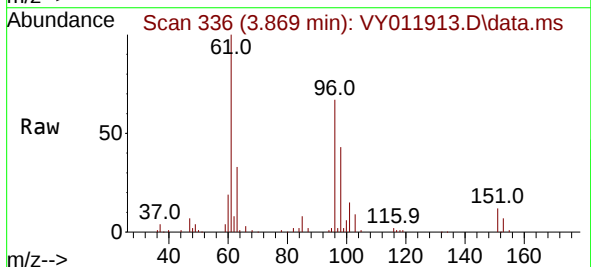
Tgt Ion: 96 Resp: 38750

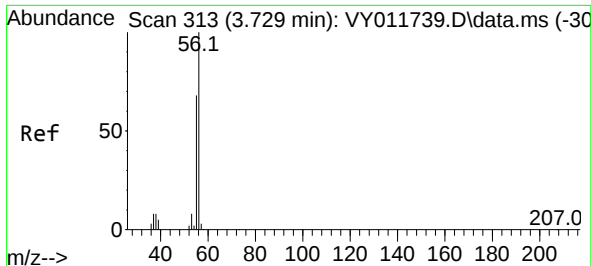
Ion Ratio Lower Upper

96 100

61 149.1 122.0 183.0

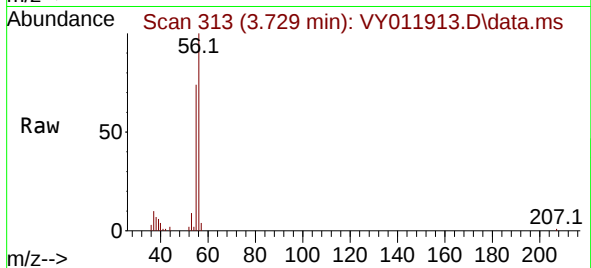
98 63.9 48.6 73.0





#13
Acrolein
Concen: 68.526 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

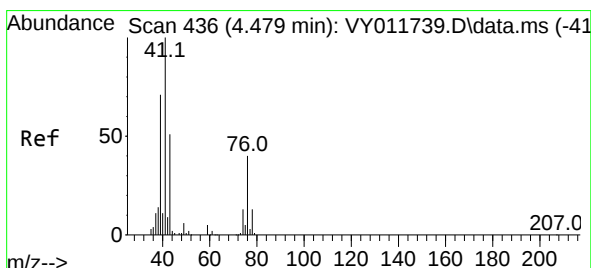
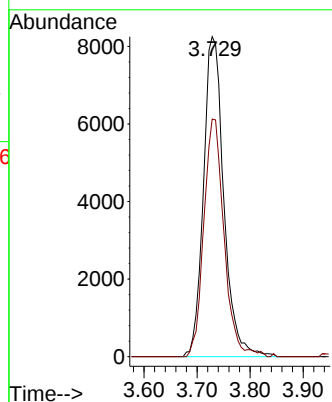
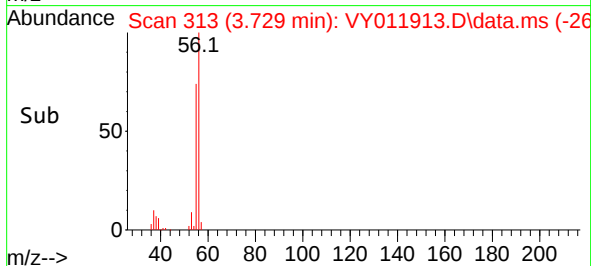
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



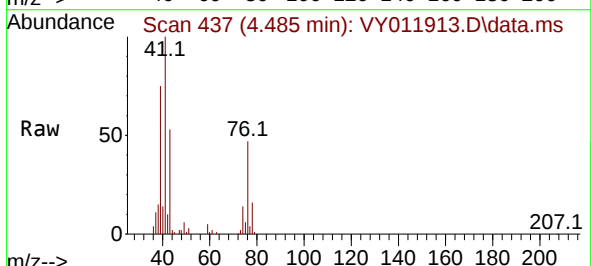
Tgt Ion: 56 Resp: 2196
Ion Ratio Lower Upper
56 100
55 73.9 56.6 85.0

Manual Integrations
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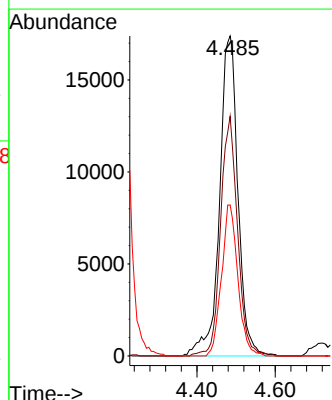
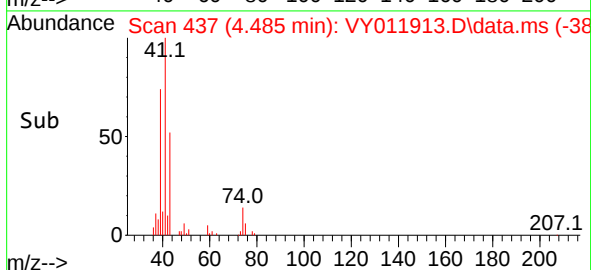
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

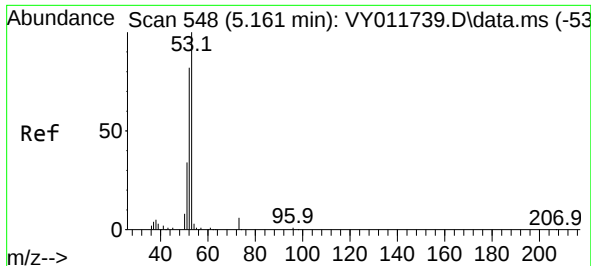


#14
Allyl chloride
Concen: 20.355 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



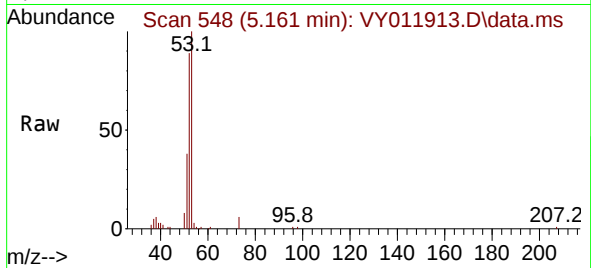
Tgt Ion: 41 Resp: 56891
Ion Ratio Lower Upper
41 100
39 69.1 53.5 80.3
76 41.9 31.1 46.7





#15
Acrylonitrile
Concen: 86.771 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

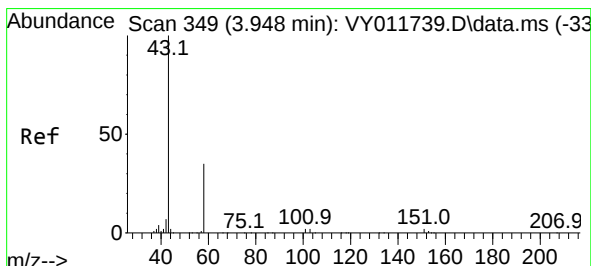
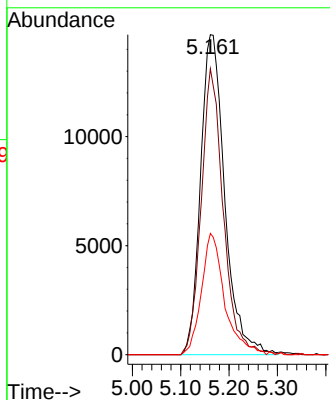
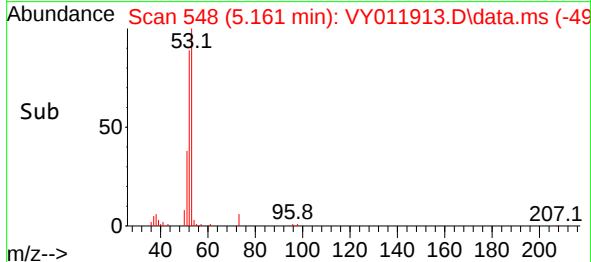
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 50985
Ion Ratio Lower Upper
53 100
52 81.5 65.1 97.7
51 36.4 28.7 43.1

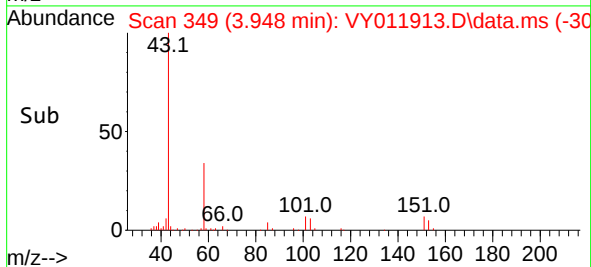
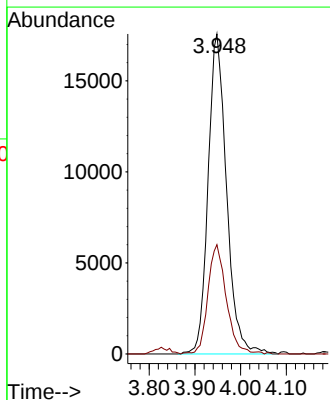
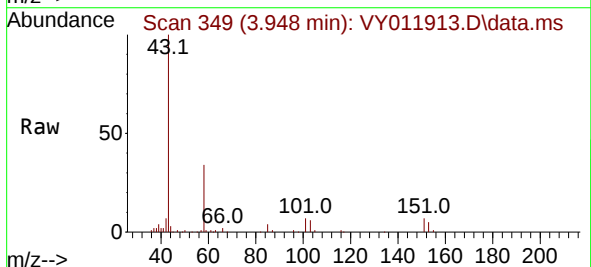
Manual Integrations
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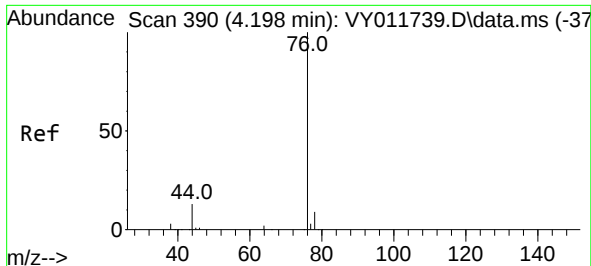
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
Acetone
Concen: 79.278 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

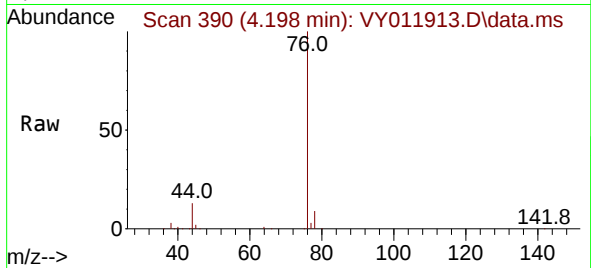
Tgt Ion: 43 Resp: 49216
Ion Ratio Lower Upper
43 100
58 34.2 27.9 41.9





#17
Carbon Disulfide
Concen: 31.148 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

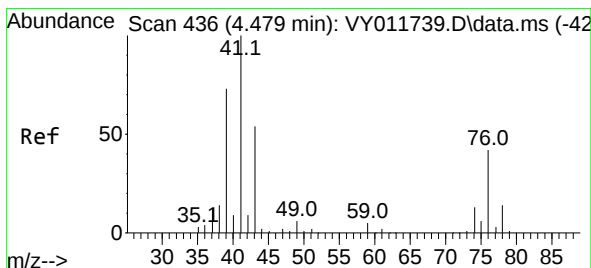
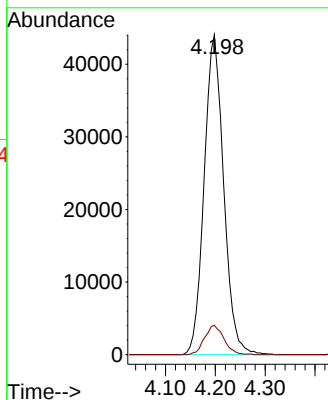
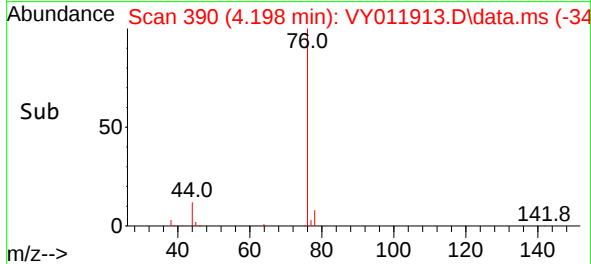
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 119690
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

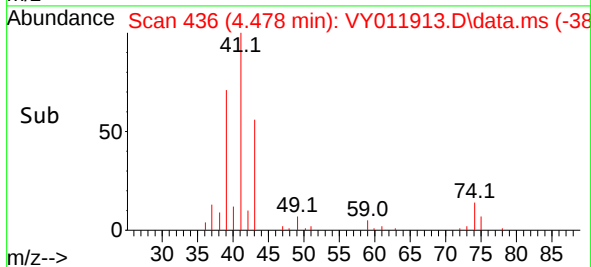
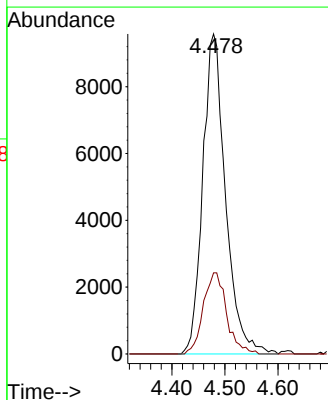
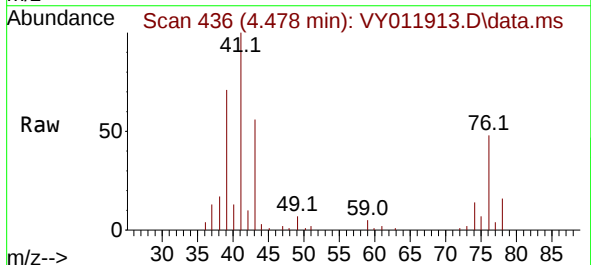
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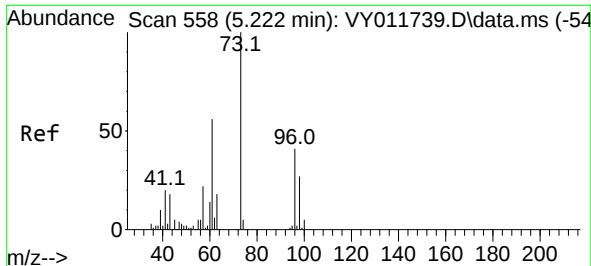
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 16.281 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 43 Resp: 28544
Ion Ratio Lower Upper
43 100
74 26.0 20.1 30.1





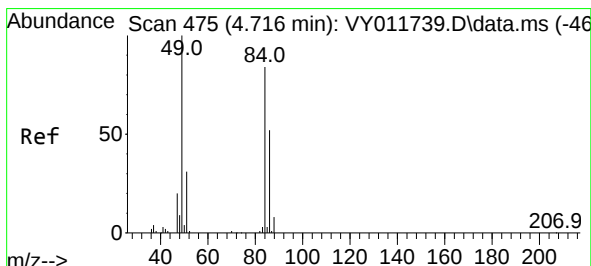
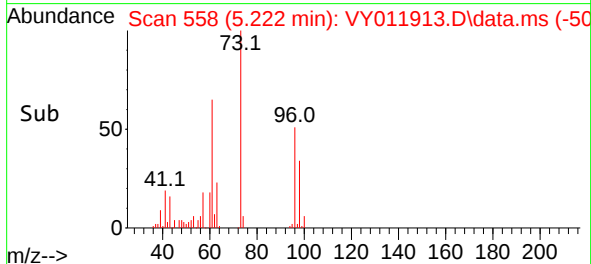
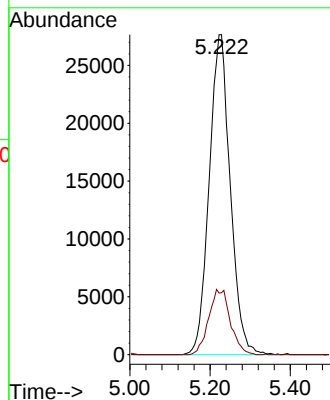
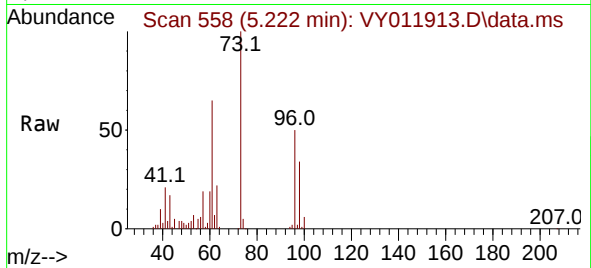
#19
Methyl tert-butyl Ether
Concen: 19.124 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 100749
Ion Ratio Lower Upper
73 100
57 19.3 17.4 26.0

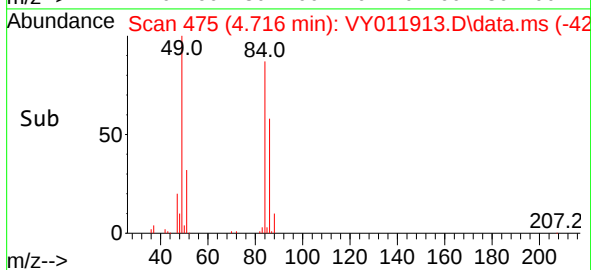
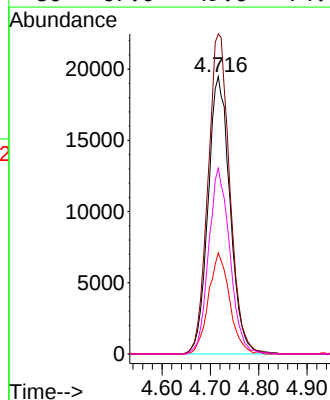
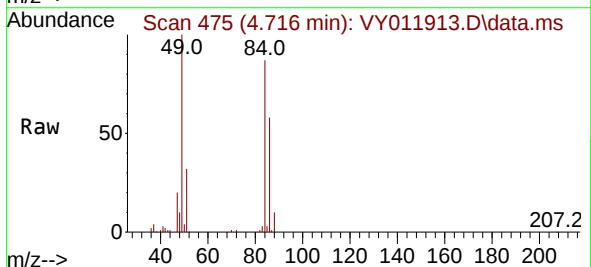
Manual Integrations
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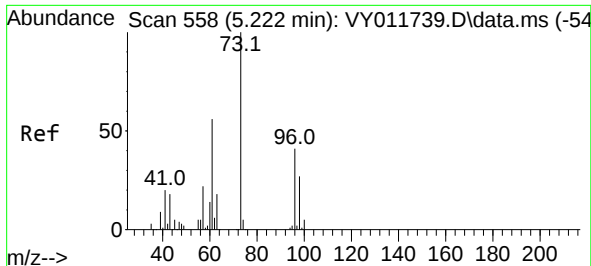
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 21.592 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

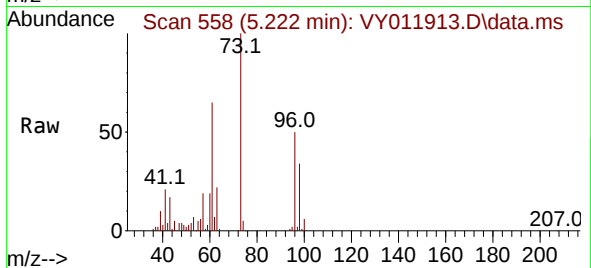
Tgt Ion: 84 Resp: 61438
Ion Ratio Lower Upper
84 100
49 115.4 95.4 143.2
51 36.5 29.9 44.9
86 67.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 23.656 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

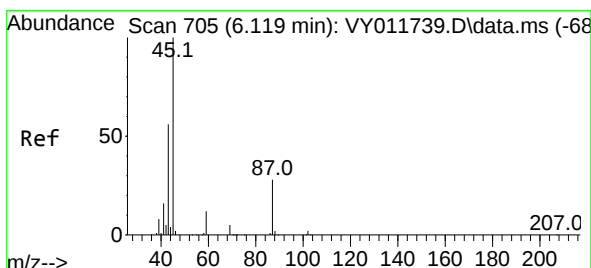
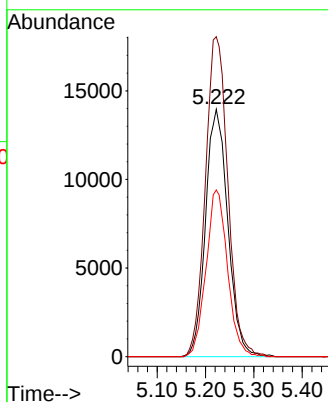
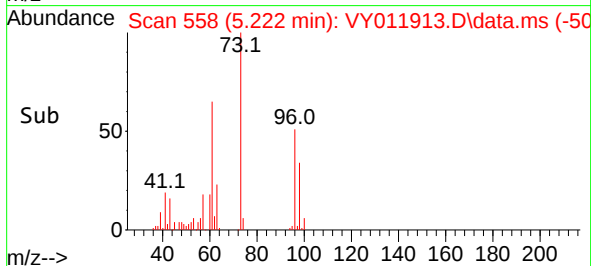
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 4473
Ion Ratio Lower Upper
96 100
61 129.3 108.0 162.0
98 67.4 51.6 77.4

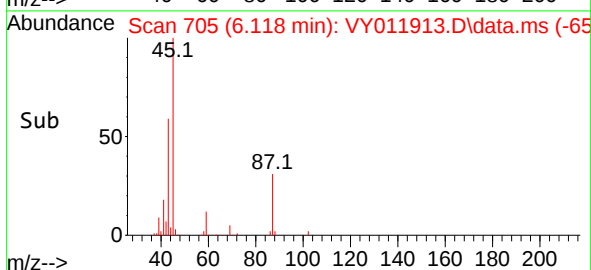
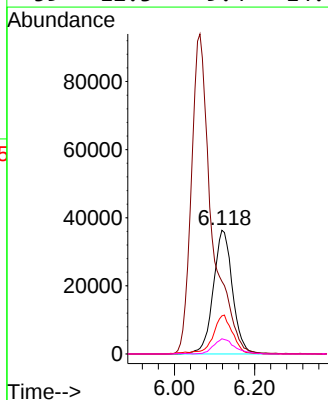
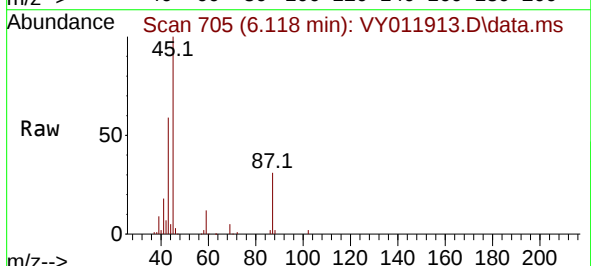
Manual Integrations
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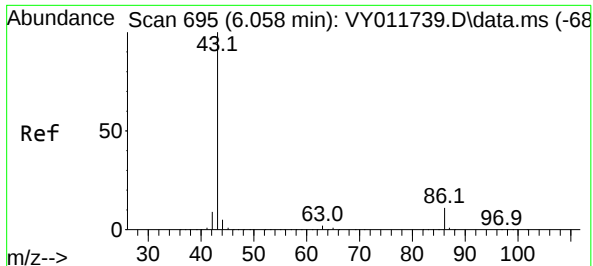
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#22
Diisopropyl ether
Concen: 19.814 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 45 Resp: 120827
Ion Ratio Lower Upper
45 100
43 58.3 45.0 67.4
87 30.8 22.6 33.8
59 12.3 9.4 14.0





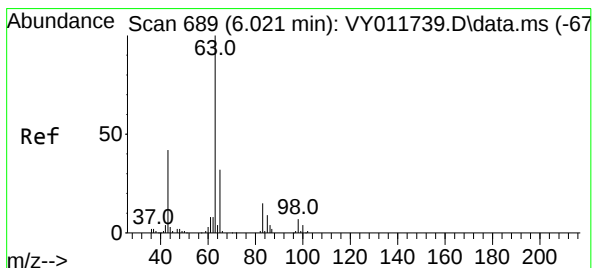
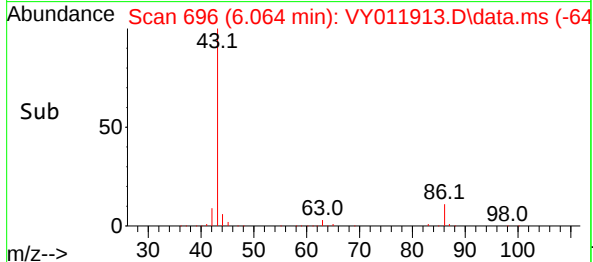
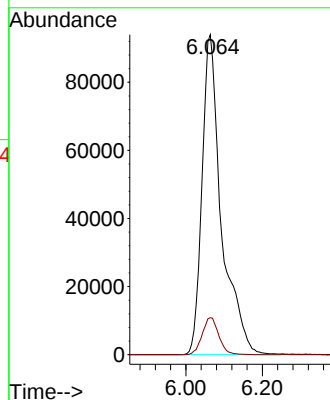
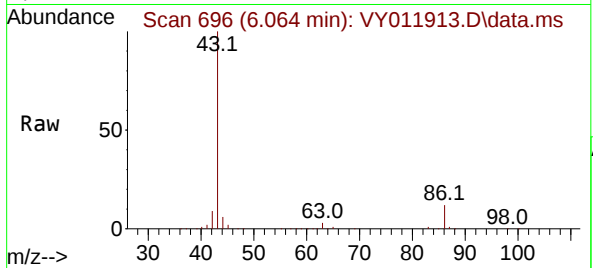
#23
 Vinyl Acetate
 Concen: 95.314 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011913.D
 Acq: 20 Dec 2022 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 331580
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.4

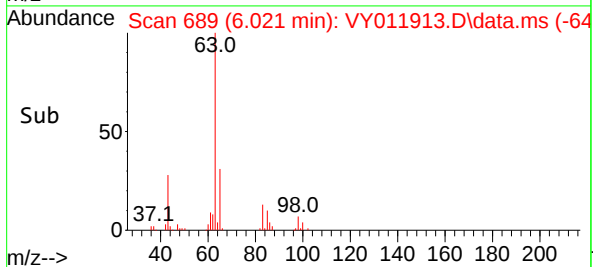
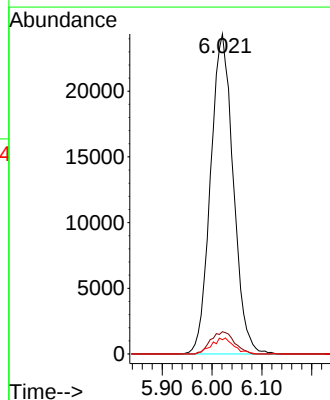
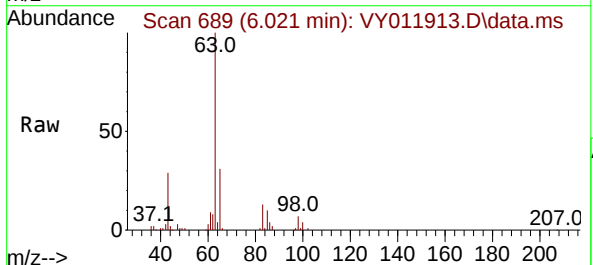
Manual Integrations
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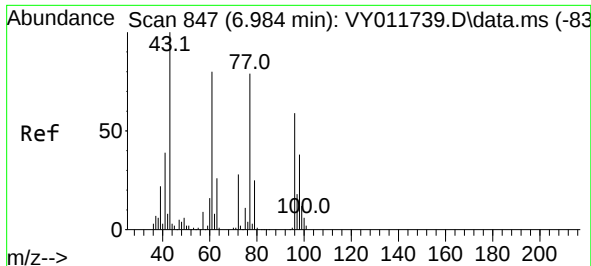
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 20.787 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011913.D
 Acq: 20 Dec 2022 11:07

Tgt Ion: 63 Resp: 77027
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.5 2.2 6.6





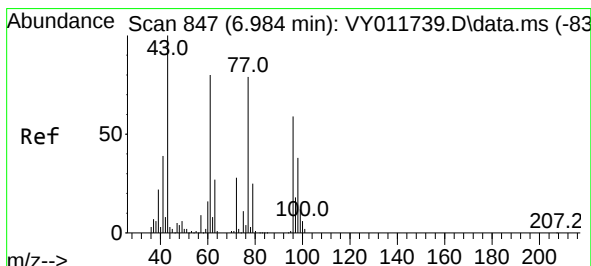
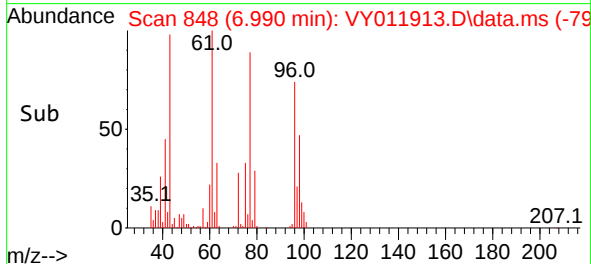
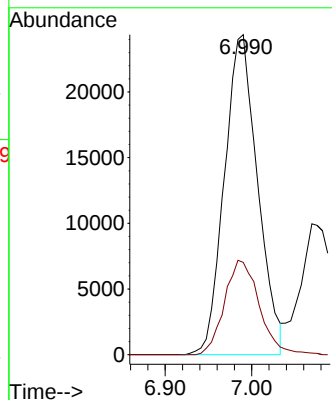
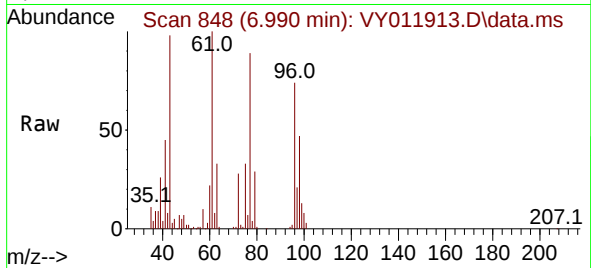
#25
2-Butanone
Concen: 81.301 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 6492
Ion Ratio Lower Upper
43 100
72 28.8 22.6 34.0

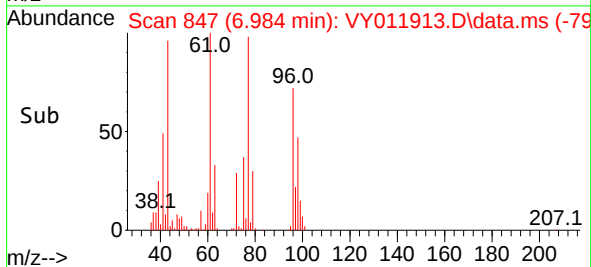
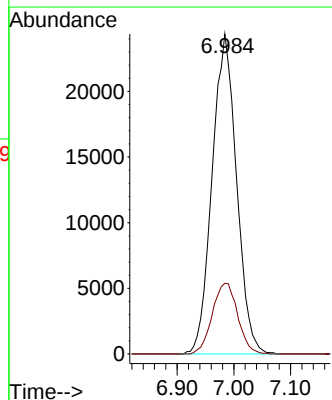
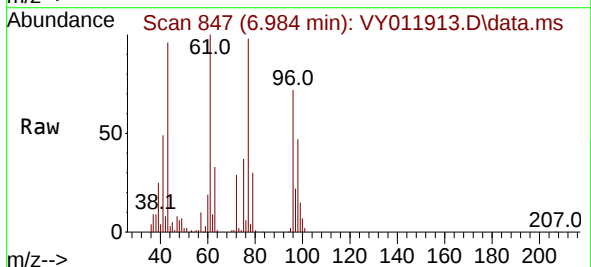
Manual Integrations
APPROVED

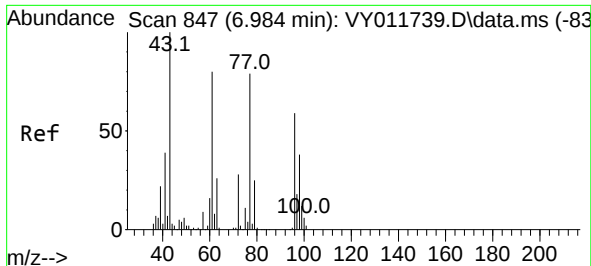
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#26
2,2-Dichloropropane
Concen: 20.903 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 77 Resp: 72873
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.730 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

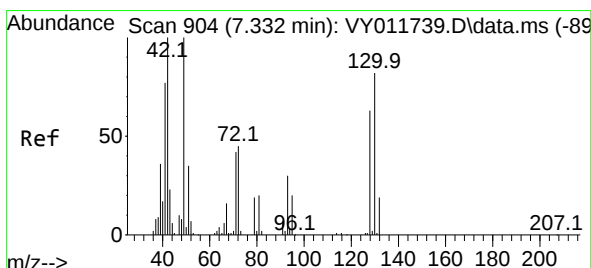
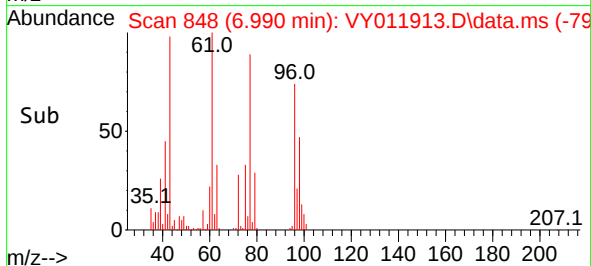
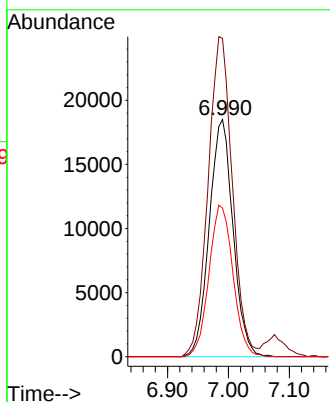
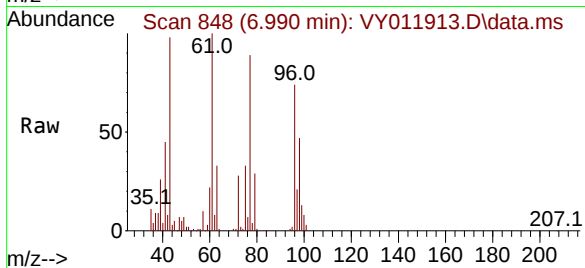
Tgt Ion:	96	Resp:	50225
Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	283.4
98	64.3	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#28

Bromochloromethane

Concen: 16.694 ug/l

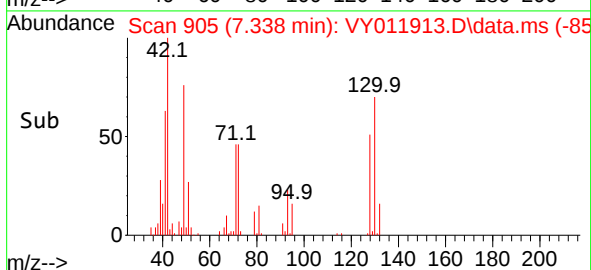
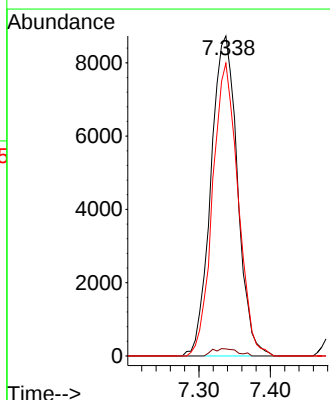
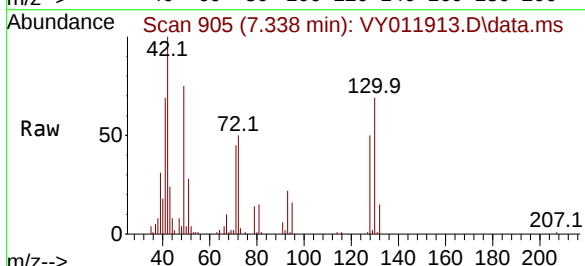
RT: 7.338 min Scan# 905

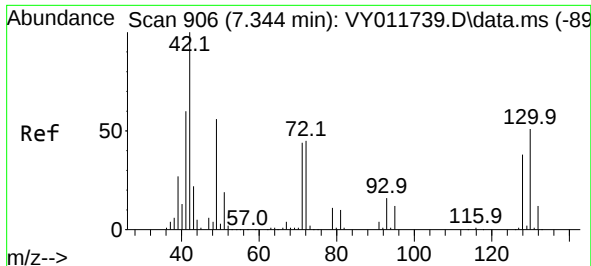
Delta R.T. 0.006 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Tgt Ion:	49	Resp:	22521
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	87.7	66.7	100.1





#29

Tetrahydrofuran

Concen: 88.009 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

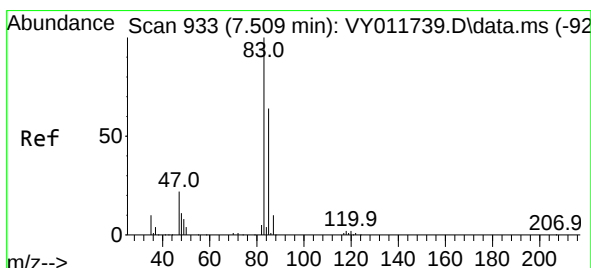
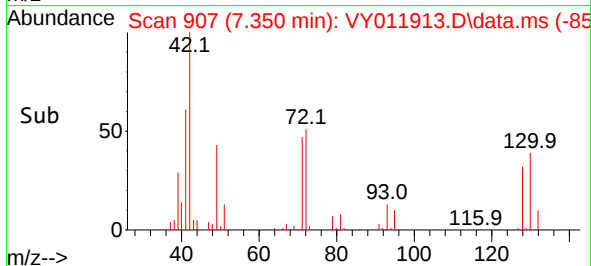
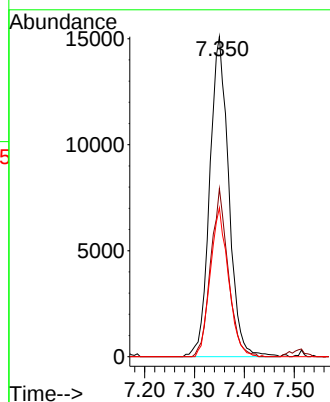
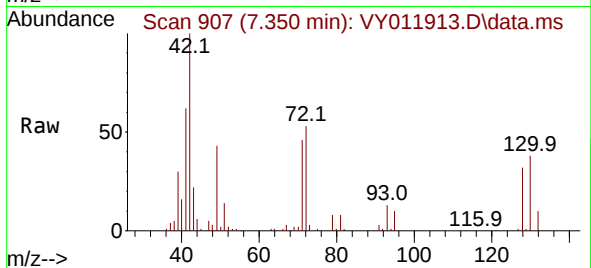
Tgt Ion:	42	Resp:	4000
Ion Ratio	Lower	Upper	
42	100		
72	48.3	37.0	55.6
71	44.6	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#30

Chloroform

Concen: 20.974 ug/l

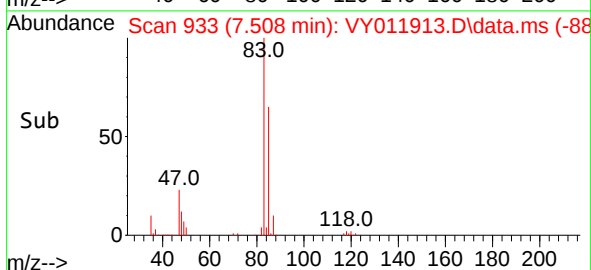
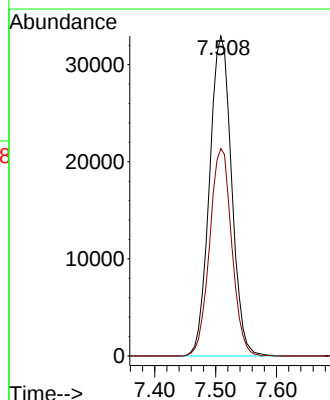
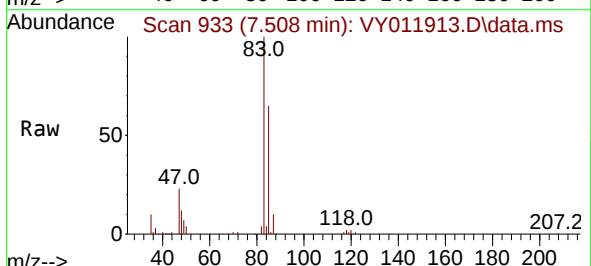
RT: 7.508 min Scan# 933

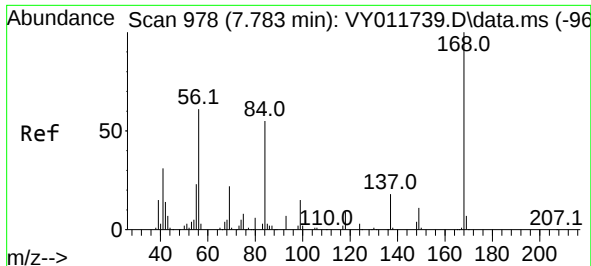
Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

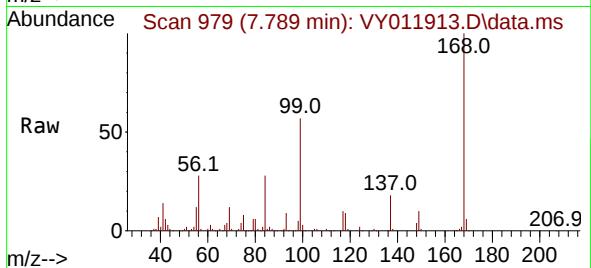
Tgt Ion:	83	Resp:	83089
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.5	77.3





#31
Cyclohexane
Concen: 23.378 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

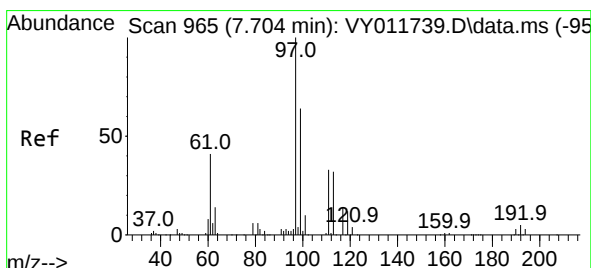
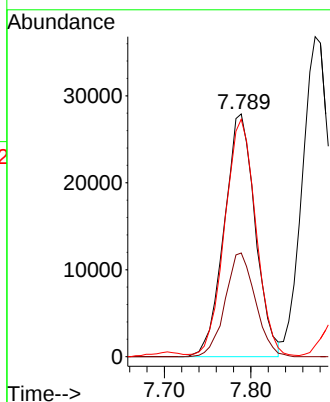
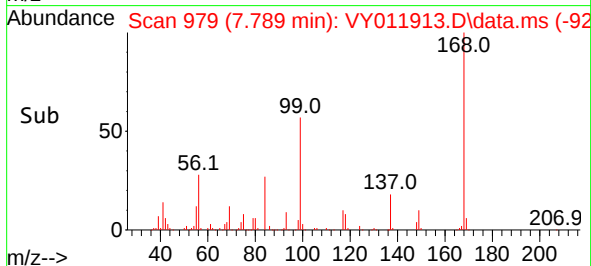
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 6943
Ion Ratio Lower Upper
56 100
69 42.7 29.2 43.8
84 96.4 72.6 108.8

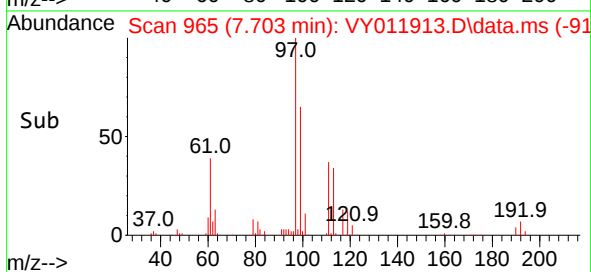
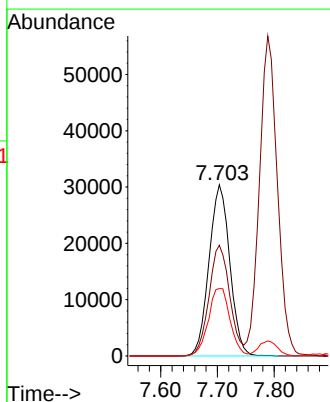
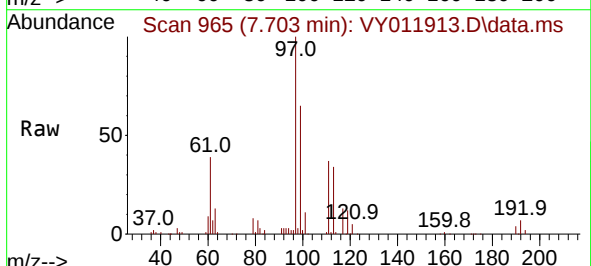
Manual Integrations
APPROVED

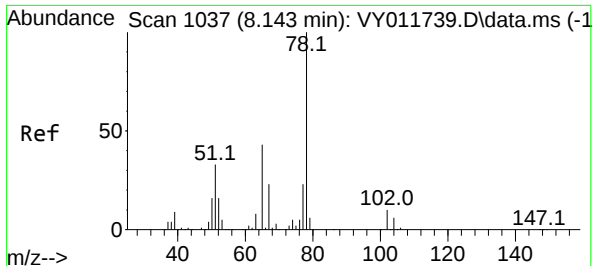
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#32
1,1,1-Trichloroethane
Concen: 21.890 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 97 Resp: 77339
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 41.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 23.231 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 42894

Ion Ratio Lower Upper

65 100

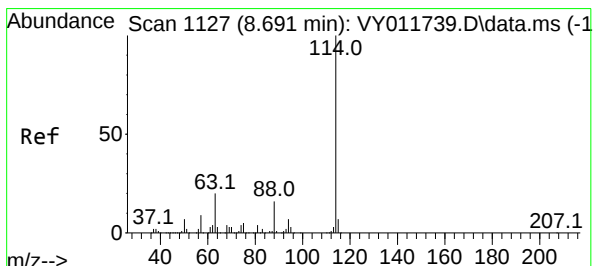
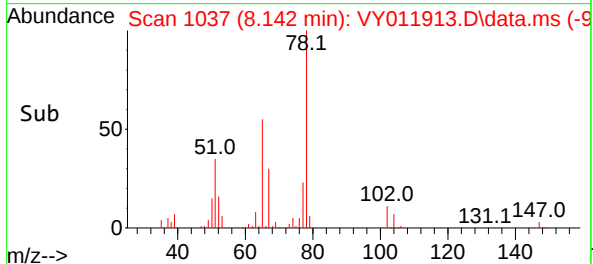
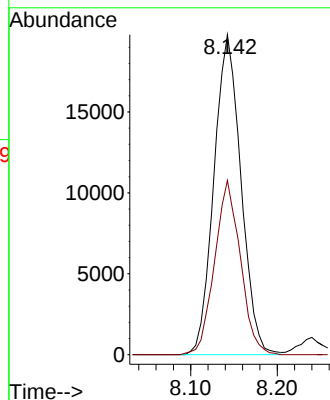
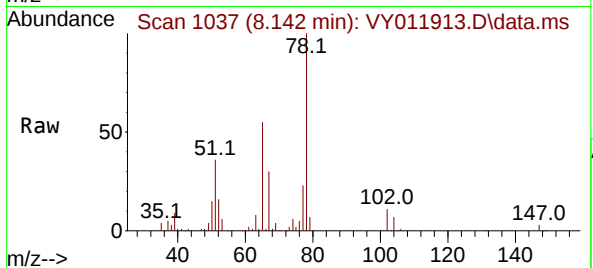
67 51.9 0.0 103.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

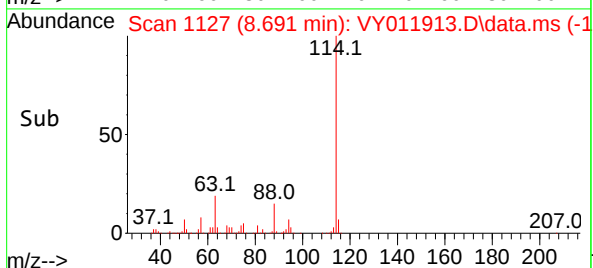
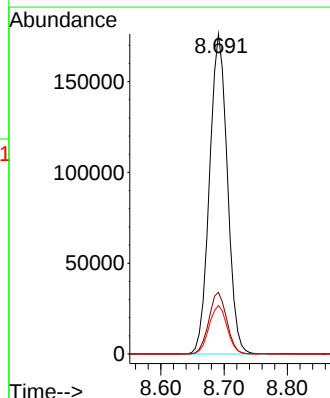
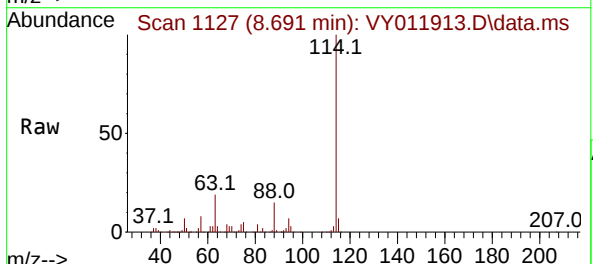
Tgt Ion:114 Resp: 345002

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.2 0.0 32.2





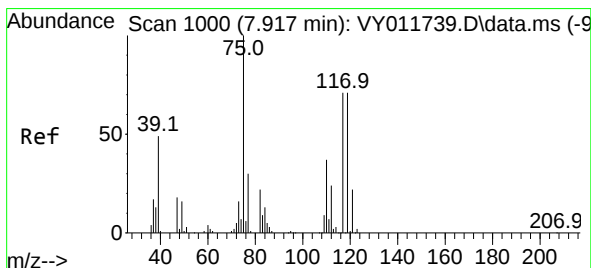
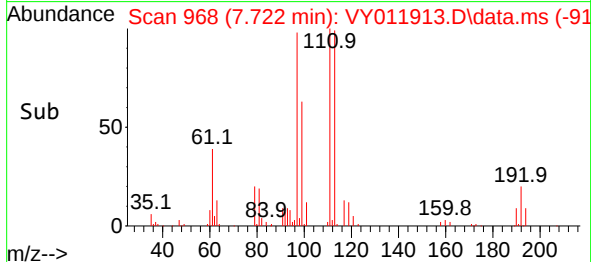
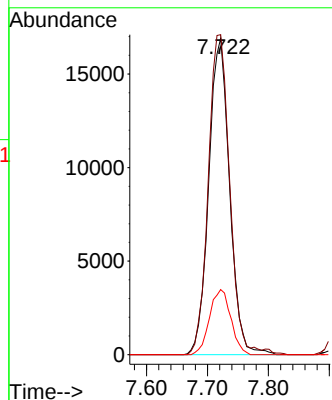
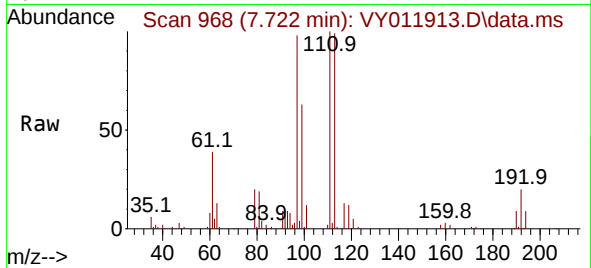
#35
Dibromofluoromethane
Concen: 23.120 ug/l
RT: 7.722 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 4022
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.4
192 21.0 16.0 24.0

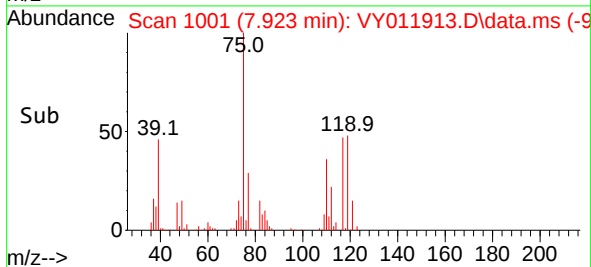
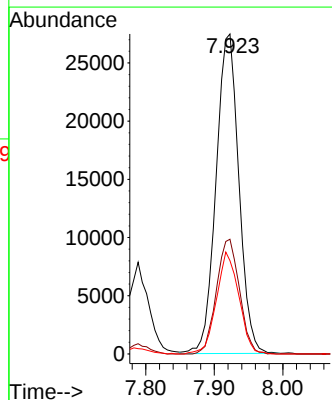
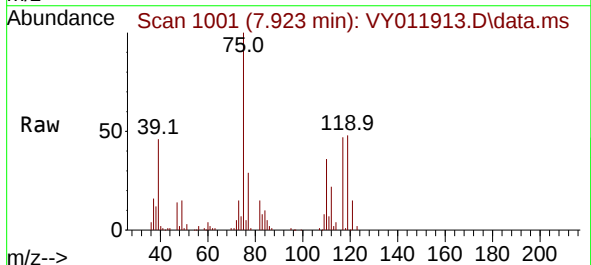
Manual Integrations
APPROVED

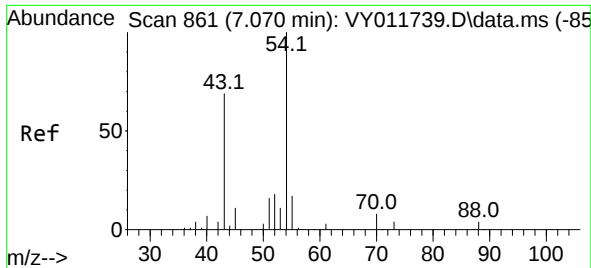
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#36
1,1-Dichloropropene
Concen: 24.226 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 75 Resp: 63425
Ion Ratio Lower Upper
75 100
110 36.2 18.1 54.1
77 31.4 25.1 37.7





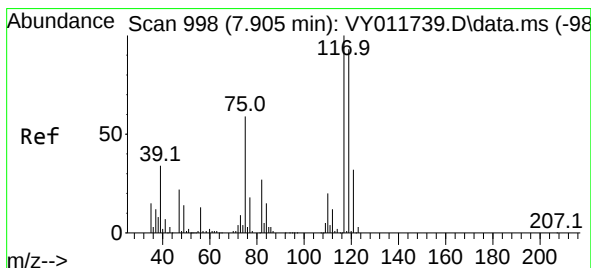
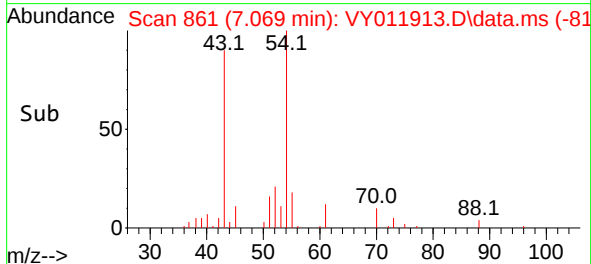
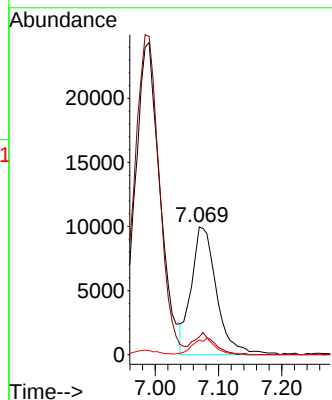
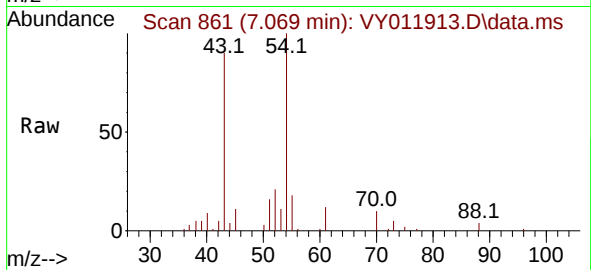
#37
Ethyl Acetate
Concen: 18.139 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 2776
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 11.5 8.2 12.4

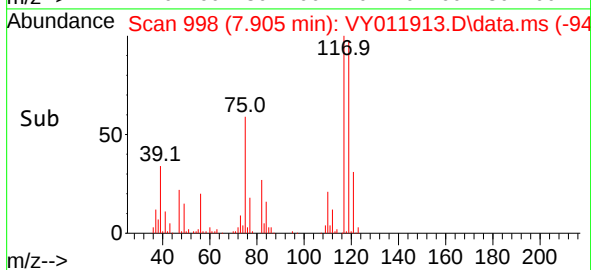
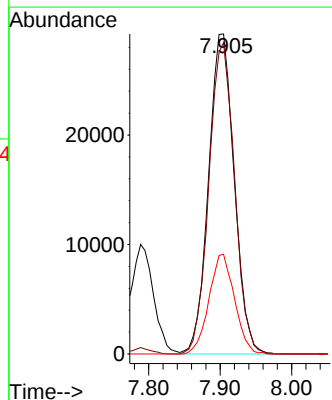
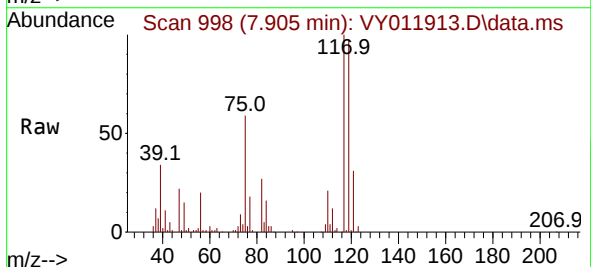
Manual Integrations
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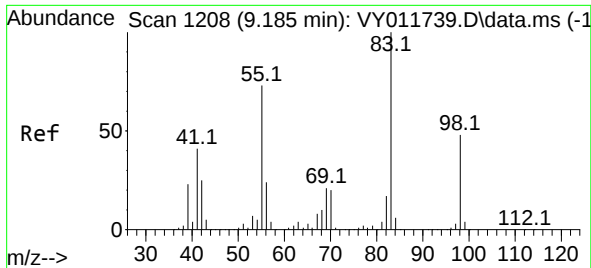
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#38
Carbon Tetrachloride
Concen: 23.718 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion:117 Resp: 72941
Ion Ratio Lower Upper
117 100
119 97.3 73.8 110.8
121 31.1 25.2 37.8





#39

Methylcyclohexane

Concen: 25.532 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

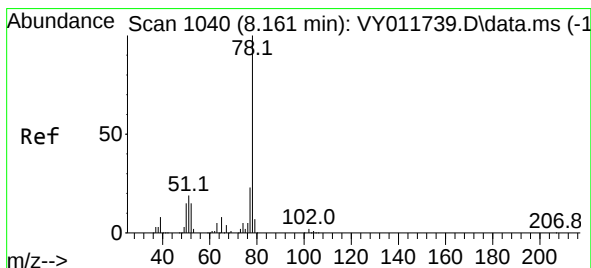
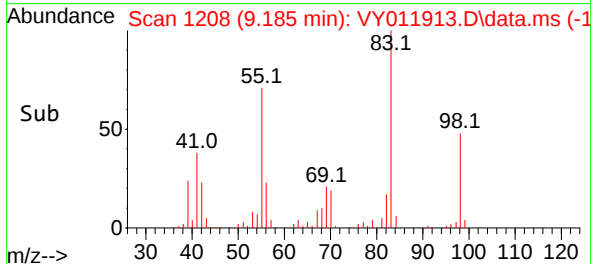
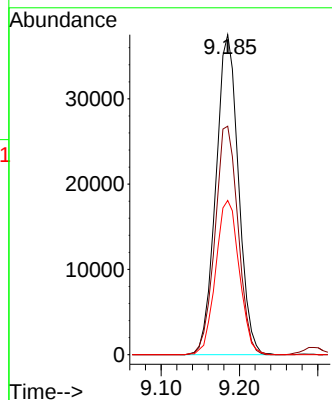
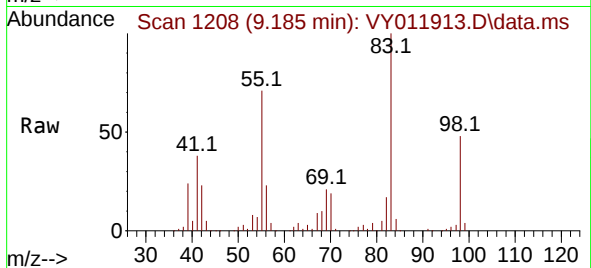
Tgt Ion: 83 Resp: 7521
 Ion Ratio Lower Upper
 83 100
 55 71.4 58.2 87.2
 98 48.2 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

Benzene

Concen: 23.295 ug/l

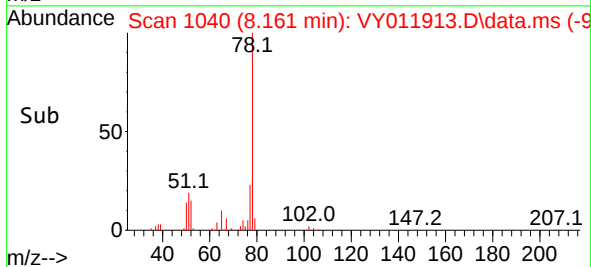
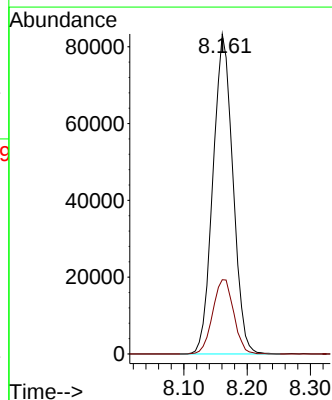
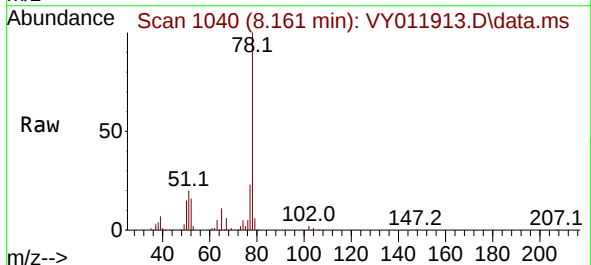
RT: 8.161 min Scan# 1040

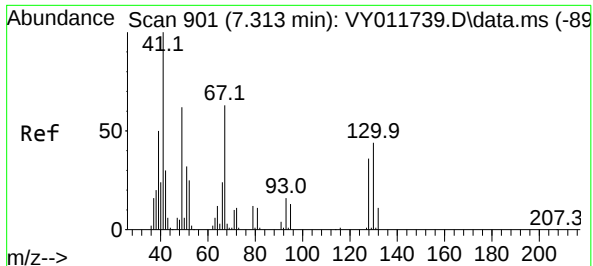
Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

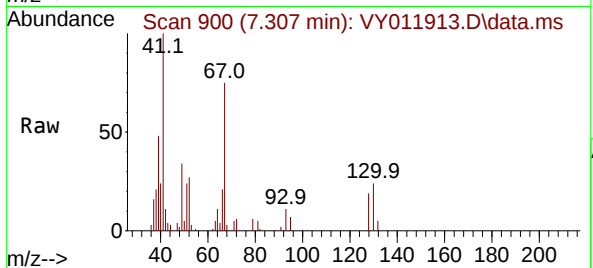
Tgt Ion: 78 Resp: 182193
 Ion Ratio Lower Upper
 78 100
 77 23.2 18.6 27.8





#41
Methacrylonitrile
Concen: 16.998 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

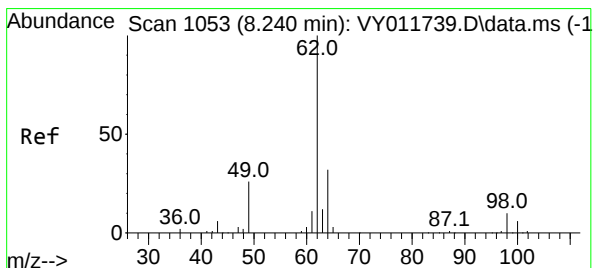
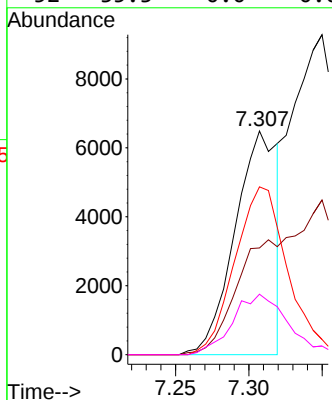
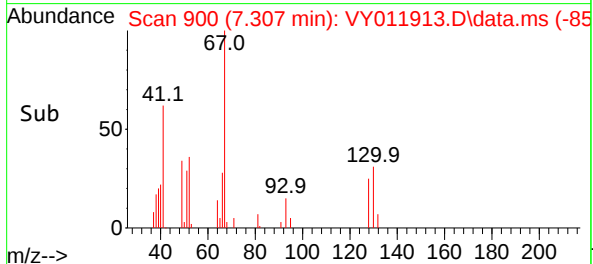
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 13134
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 93.2 0.0 0.0
52 35.3 0.0 0.0

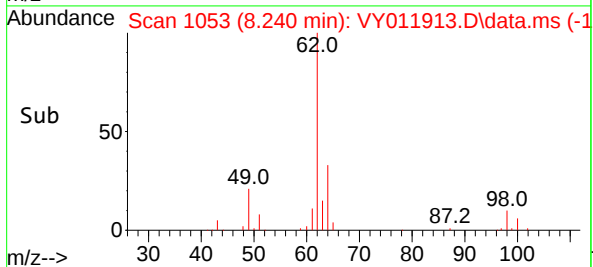
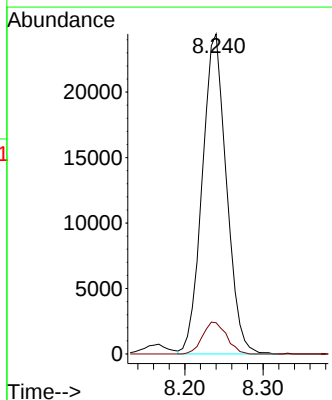
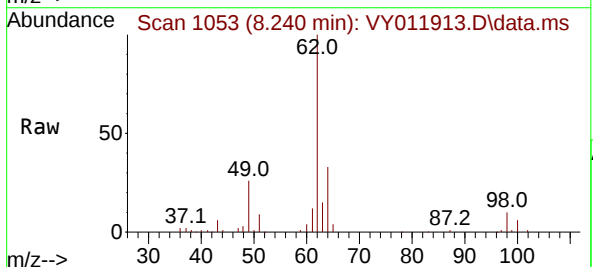
Manual Integrations
APPROVED

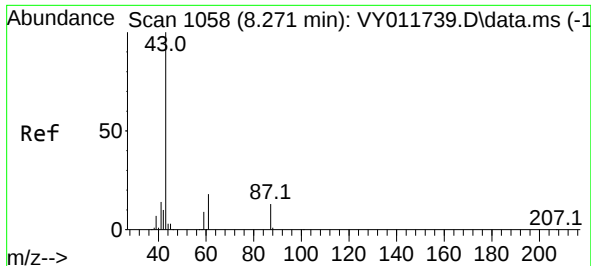
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#42
1,2-Dichloroethane
Concen: 21.717 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

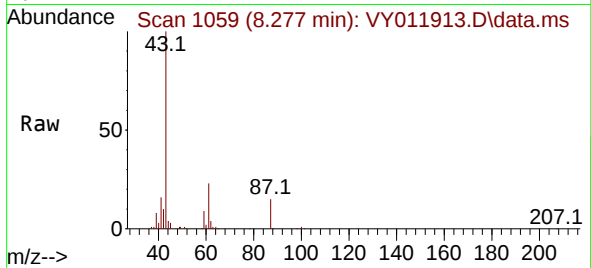
Tgt Ion: 62 Resp: 52524
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 17.876 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

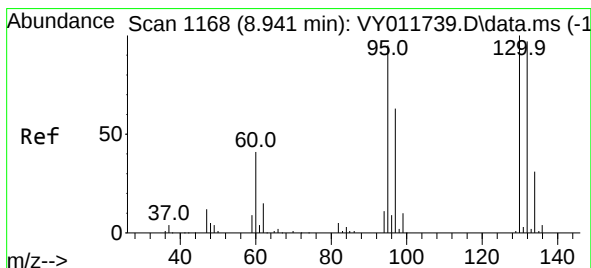
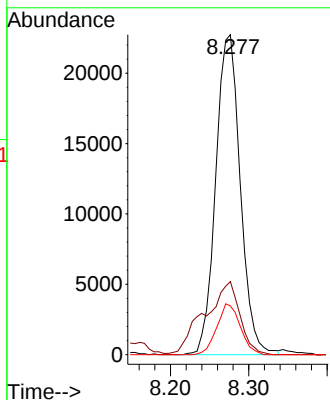
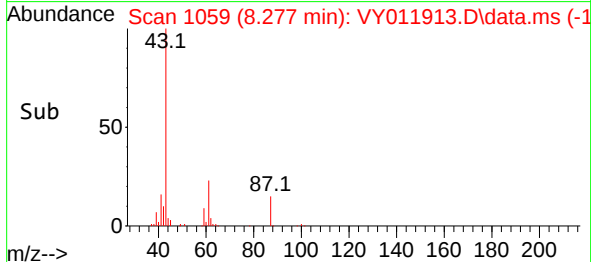
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 49614
Ion Ratio Lower Upper
43 100
61 32.9 24.4 36.6
87 15.2 11.4 17.2

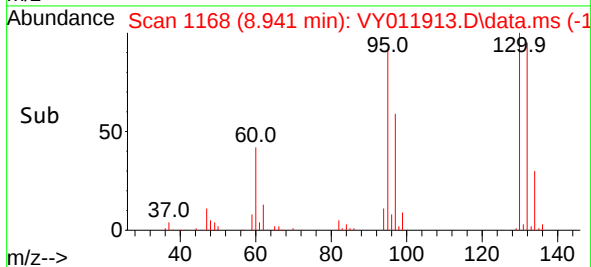
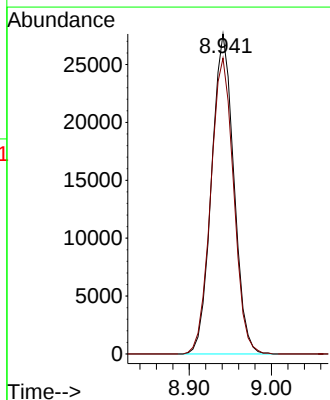
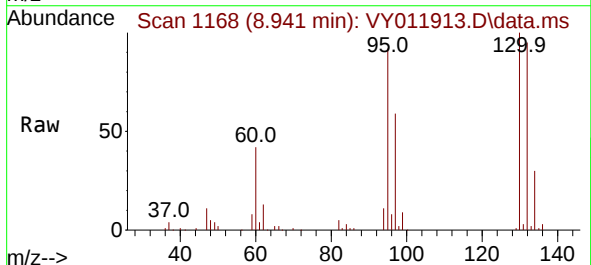
Manual Integrations
APPROVED

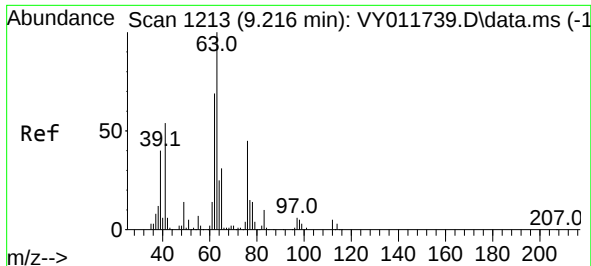
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#44
Trichloroethene
Concen: 23.690 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion:130 Resp: 51891
Ion Ratio Lower Upper
130 100
95 92.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 21.044 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 4259

Ion Ratio Lower Upper

63 100

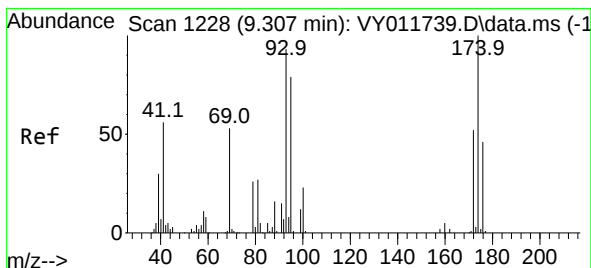
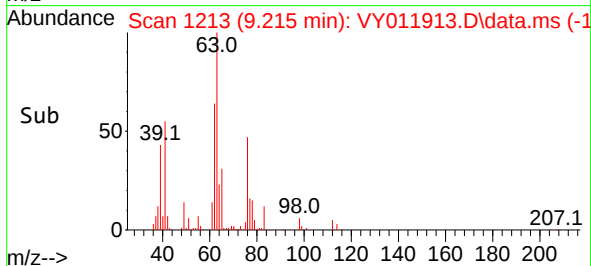
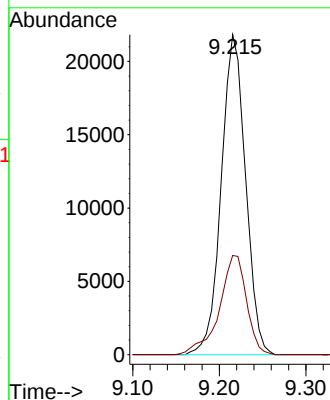
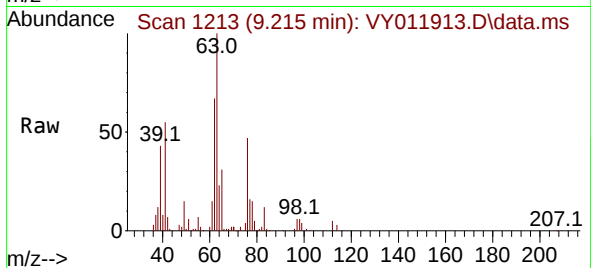
65 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 21.315 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

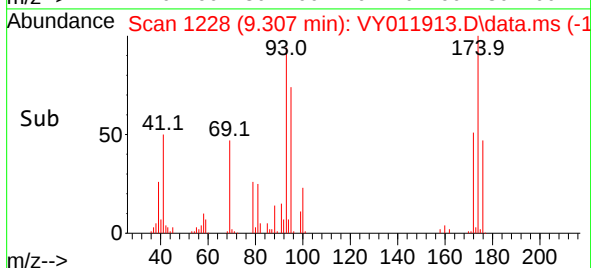
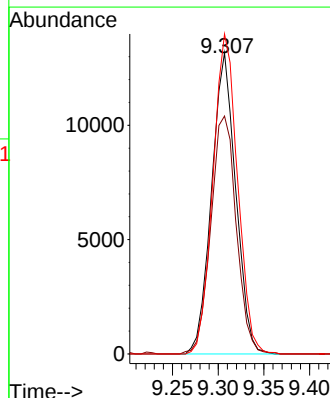
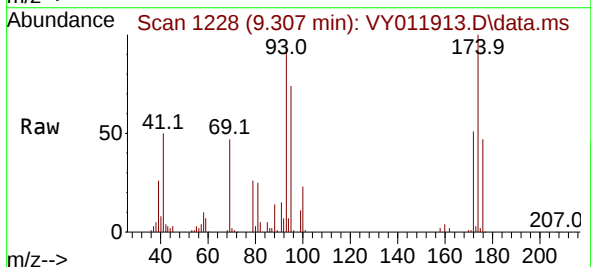
Tgt Ion: 93 Resp: 24153

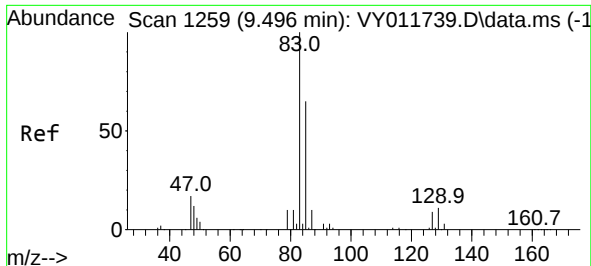
Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 108.3 84.7 127.1





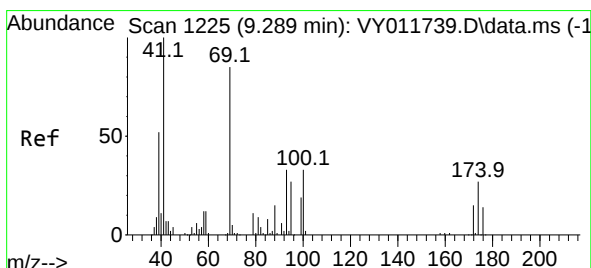
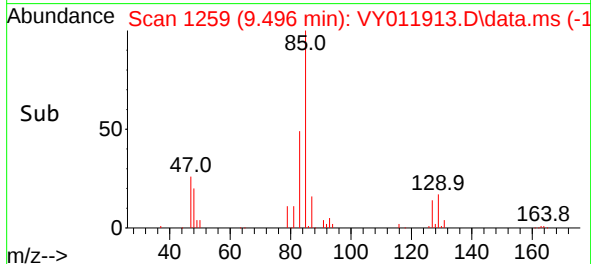
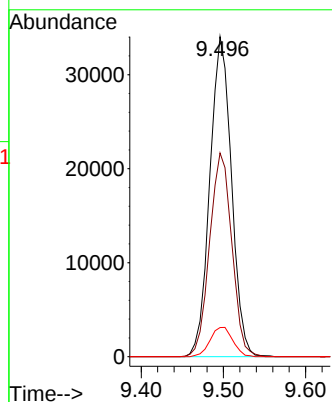
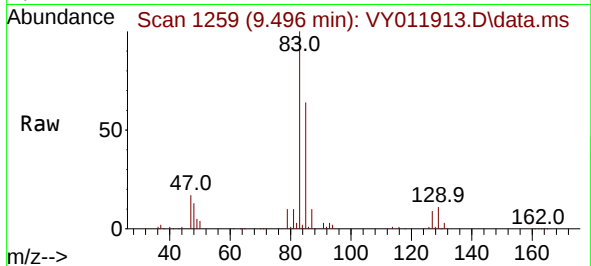
#47
Bromodichloromethane
Concen: 21.236 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 62160
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0
127 9.1 7.3 10.9

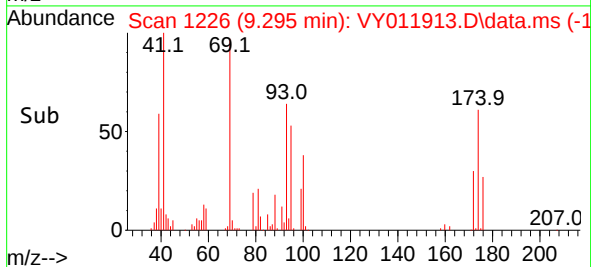
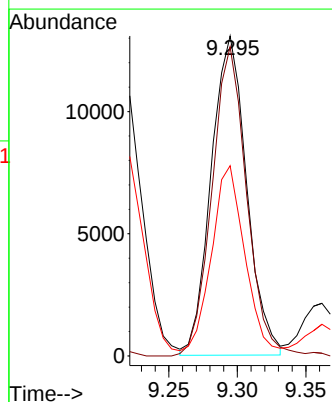
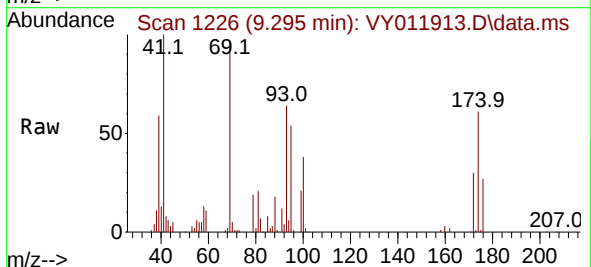
Manual Integrations
APPROVED

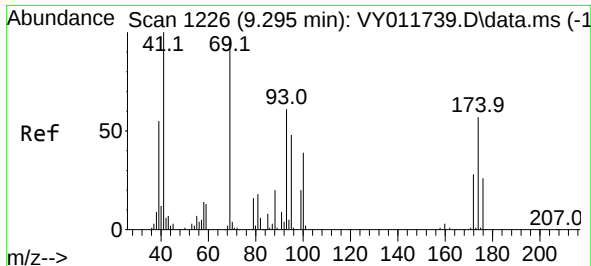
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#48
Methyl methacrylate
Concen: 19.232 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 41 Resp: 23528
Ion Ratio Lower Upper
41 100
69 94.9 74.2 111.2
39 53.8 46.3 69.5





#49

1,4-Dioxane

Concen: 352.598 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

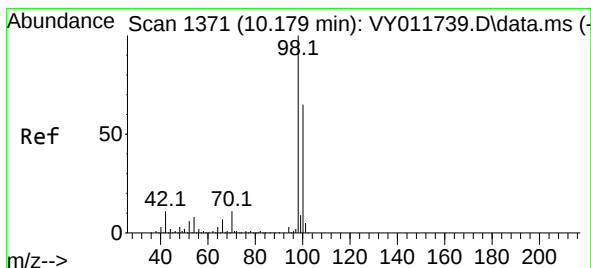
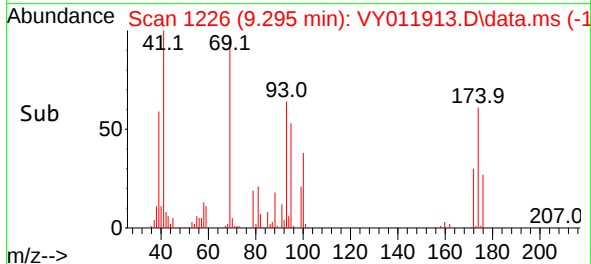
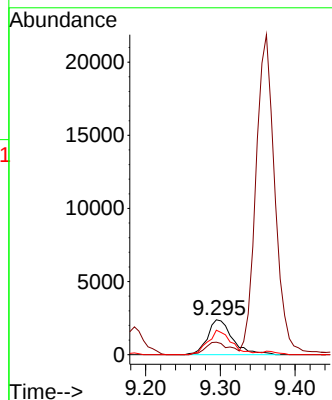
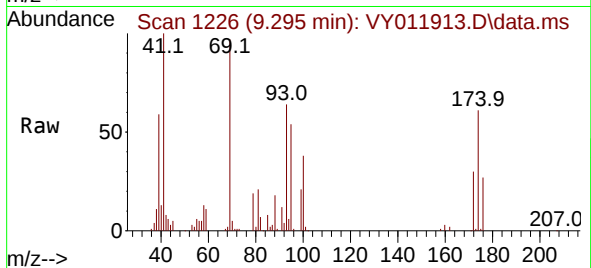
Tgt Ion:	88	Resp:	553
Ion	Ratio	Lower	Upper
88	100		
43	34.7	26.2	39.2
58	65.5	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 26.991 ug/l

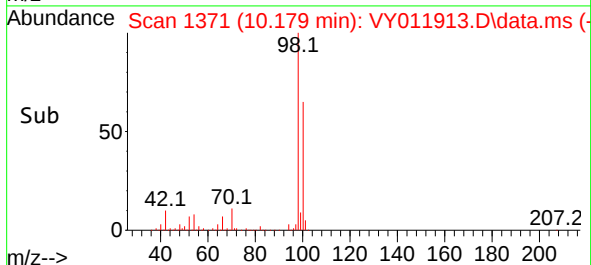
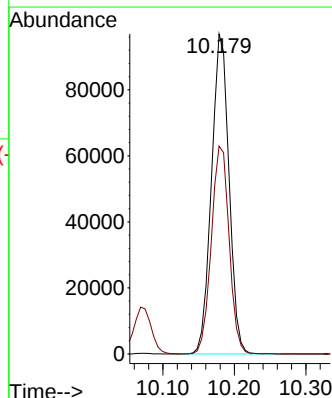
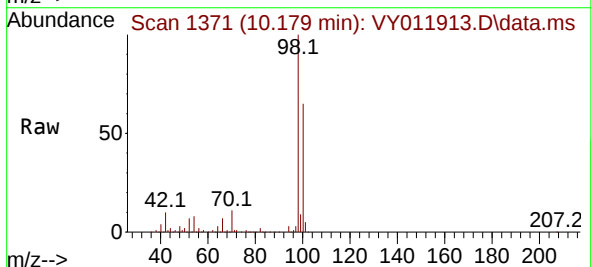
RT: 10.179 min Scan# 1371

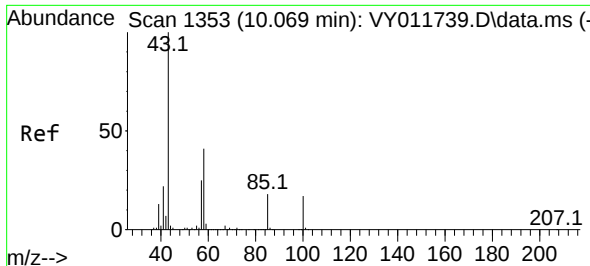
Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

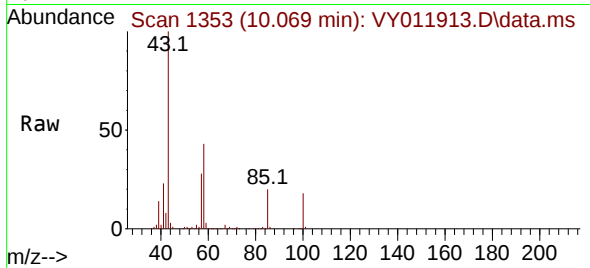
Tgt Ion:	98	Resp:	164741
Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.9	77.9





#51
4-Methyl-2-Pentanone
Concen: 88.846 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

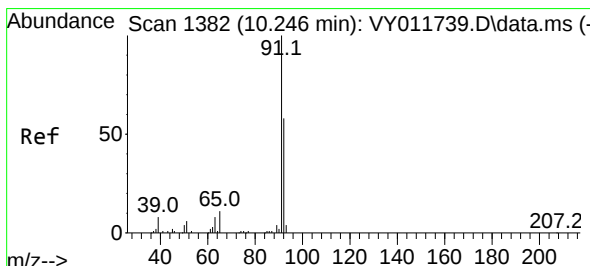
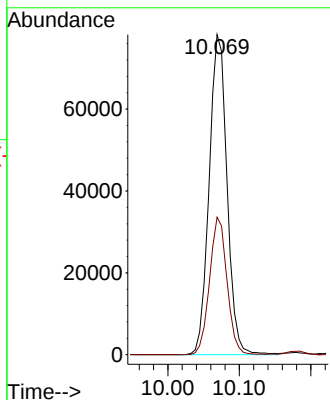
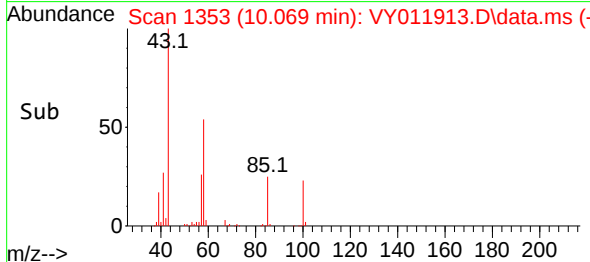
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



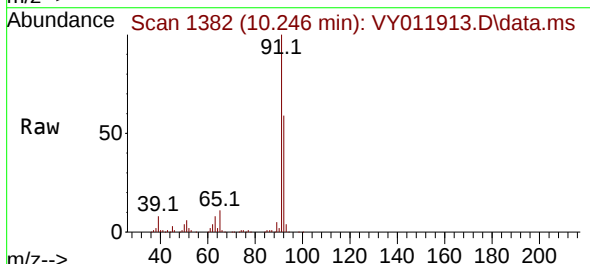
Tgt Ion: 43 Resp: 135870
Ion Ratio Lower Upper
43 100
58 41.9 32.9 49.3

Manual Integrations
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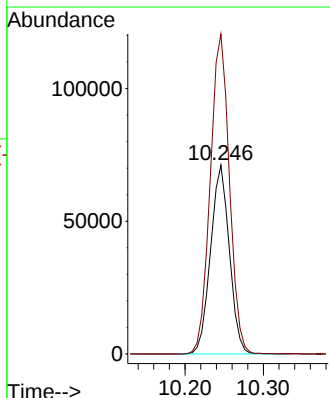
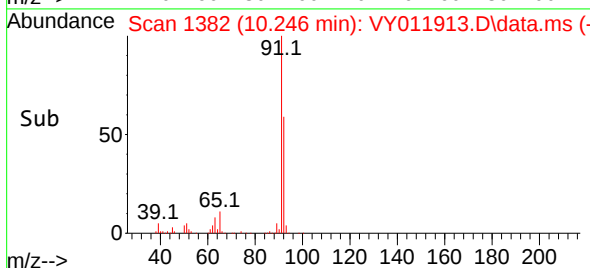
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

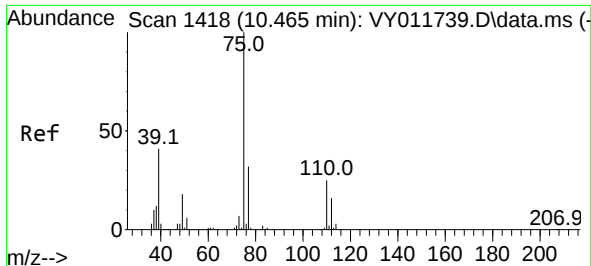


#52
Toluene
Concen: 23.817 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



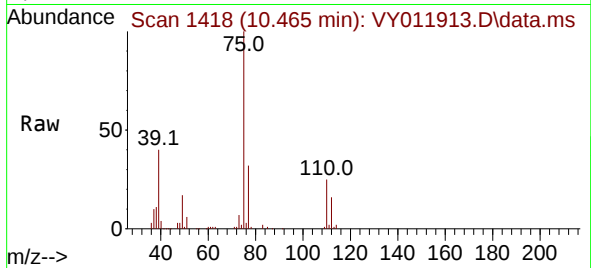
Tgt Ion: 92 Resp: 118420
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 21.363 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

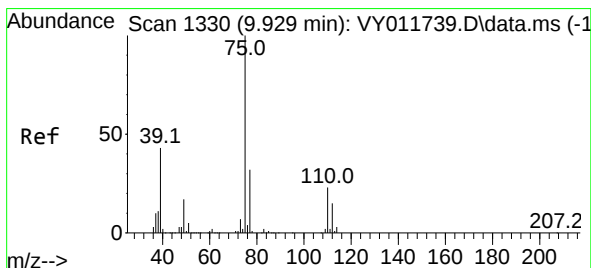
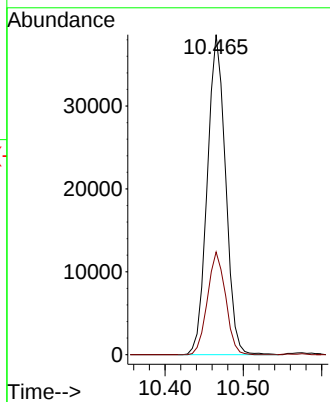
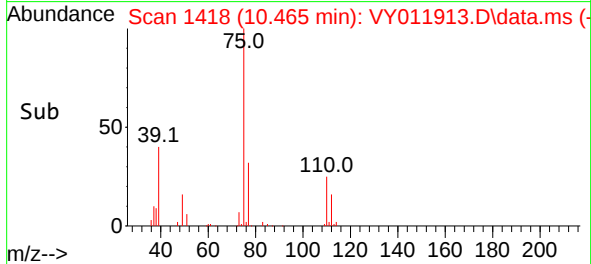
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 6246
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8

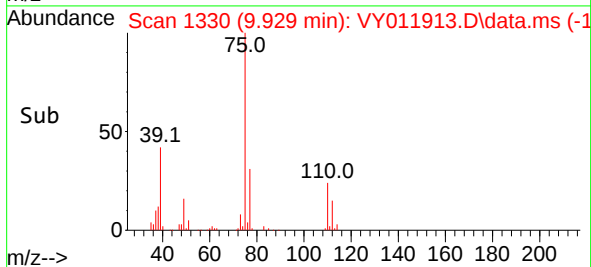
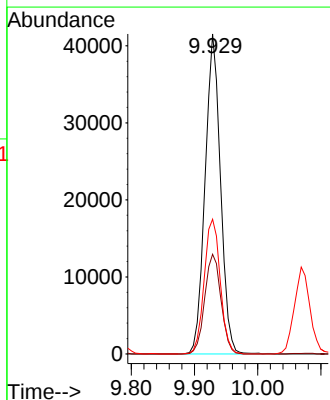
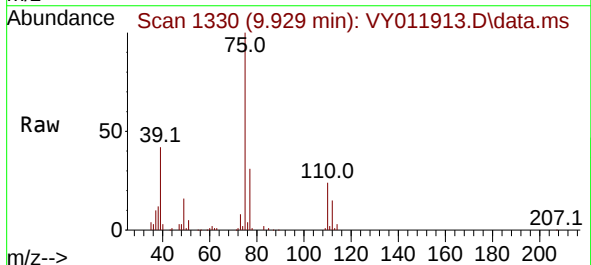
Manual Integrations
APPROVED

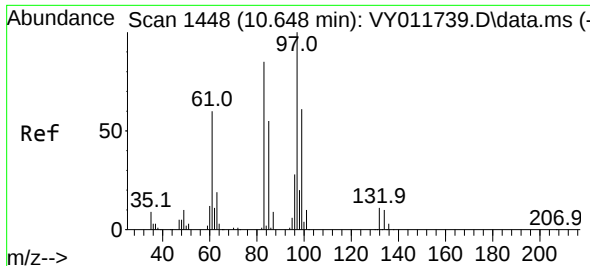
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#54
cis-1,3-Dichloropropene
Concen: 21.419 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 75 Resp: 70368
Ion Ratio Lower Upper
75 100
77 31.2 25.9 38.9
39 42.1 34.6 52.0





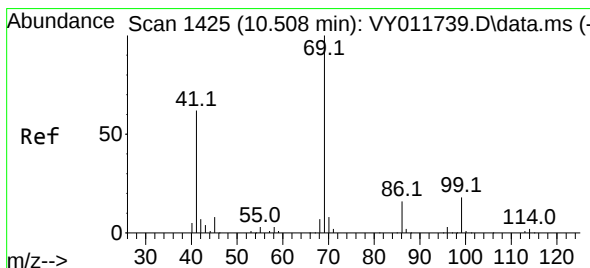
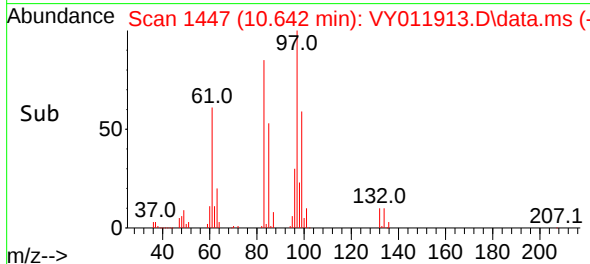
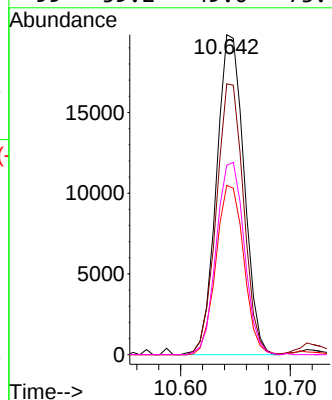
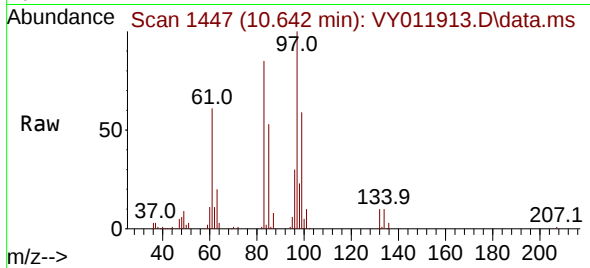
#55
1,1,2-Trichloroethane
Concen: 20.666 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 3461
Ion Ratio	Lower Upper
97 100	
83 84.7	67.7 101.5
85 52.9	43.8 65.8
99 59.2	49.0 73.4

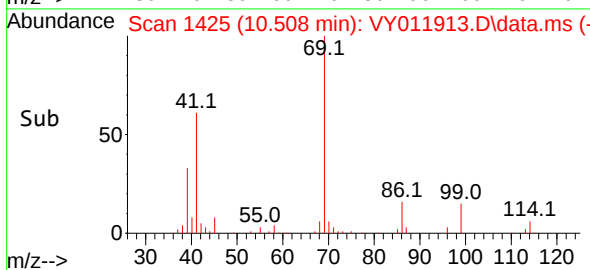
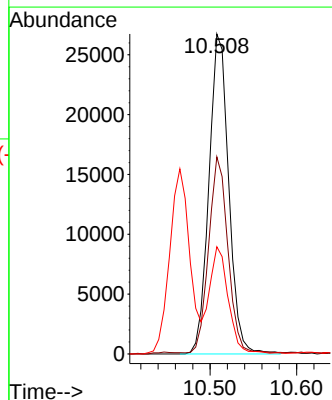
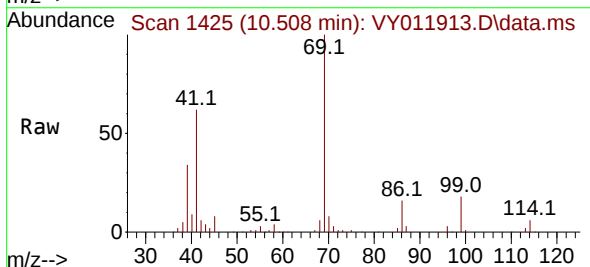
Manual Integrations
APPROVED

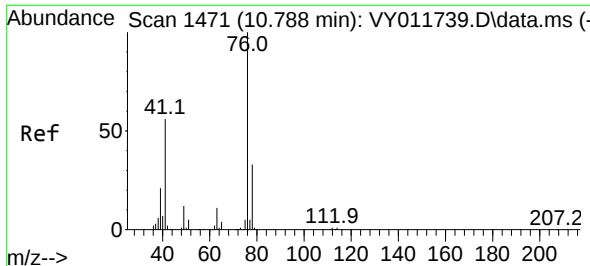
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#56
Ethyl methacrylate
Concen: 19.644 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 69	Resp: 42470
Ion Ratio	Lower Upper
69 100	
41 59.4	48.9 73.3
39 31.8	25.9 38.9





#57

1,3-Dichloropropane

Concen: 20.779 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 5800

Ion Ratio Lower Upper

76 100

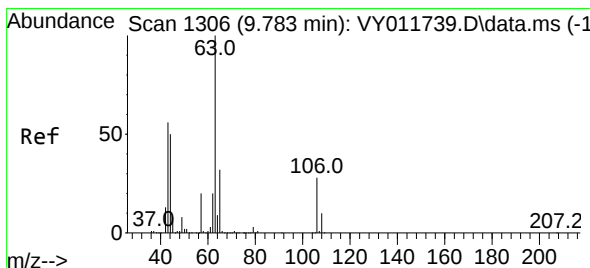
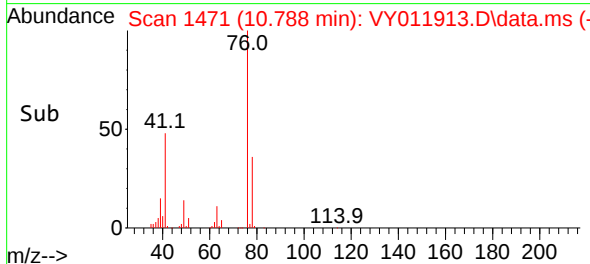
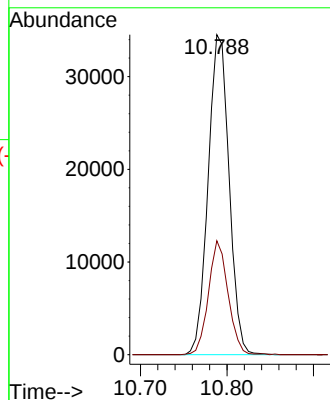
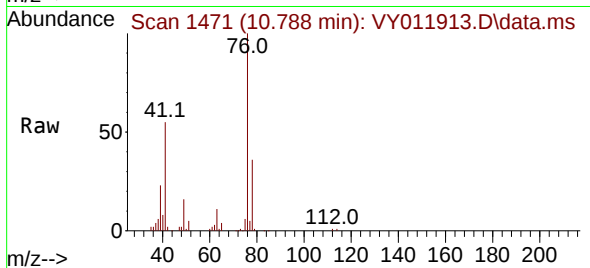
78 33.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 87.598 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011913.D

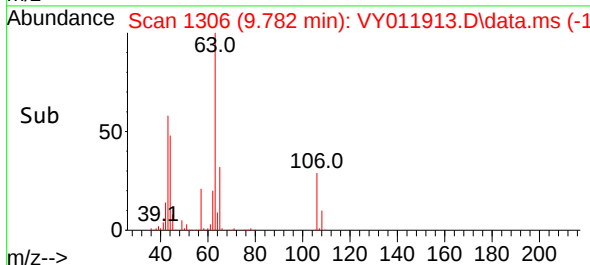
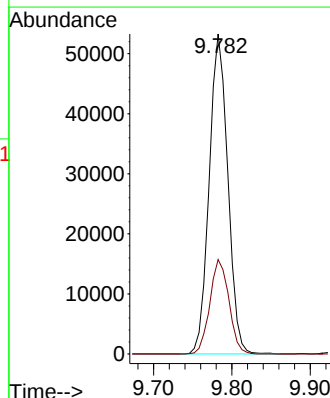
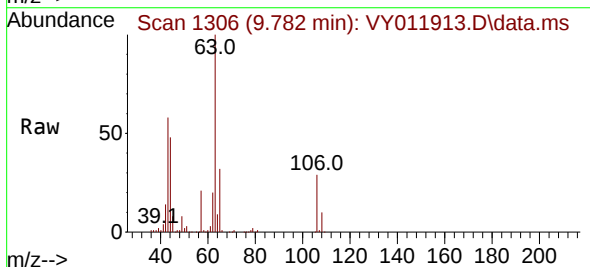
Acq: 20 Dec 2022 11:07

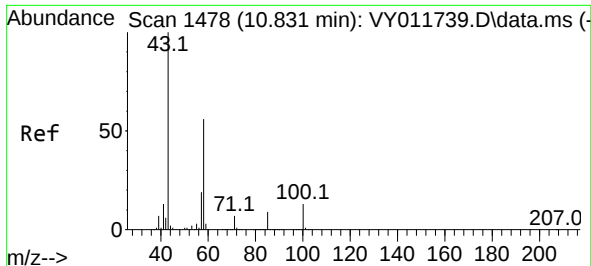
Tgt Ion: 63 Resp: 87818

Ion Ratio Lower Upper

63 100

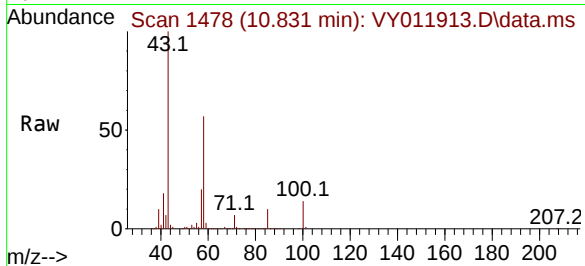
106 30.2 23.2 34.8





#59
2-Hexanone
Concen: 89.296 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

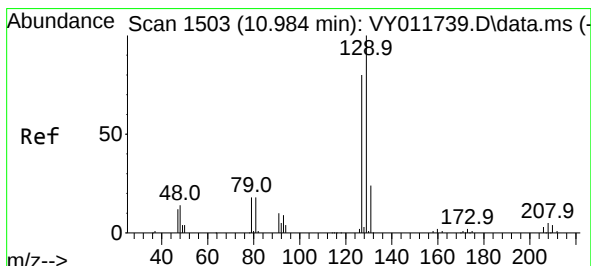
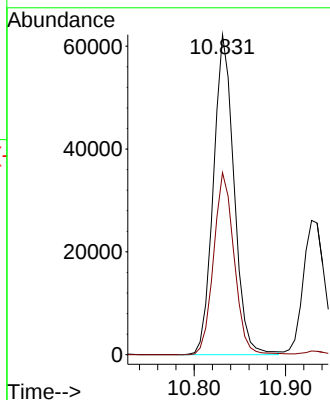
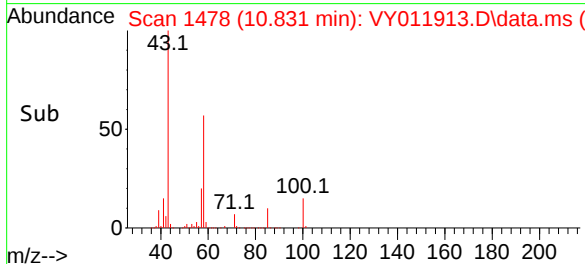
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



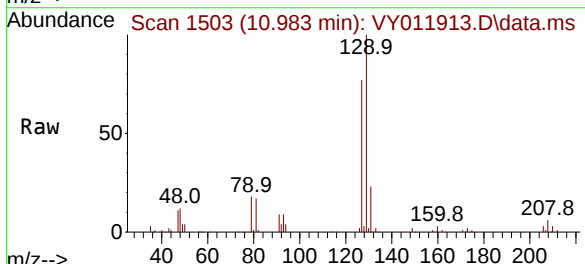
Tgt Ion: 43 Resp: 97569
Ion Ratio Lower Upper
43 100
58 56.6 28.4 85.2

Manual Integrations
APPROVED

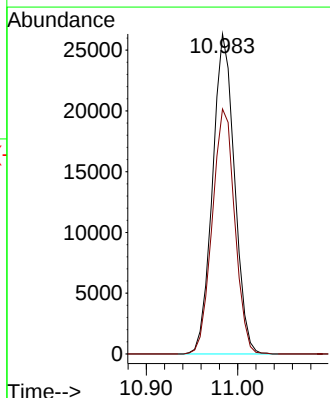
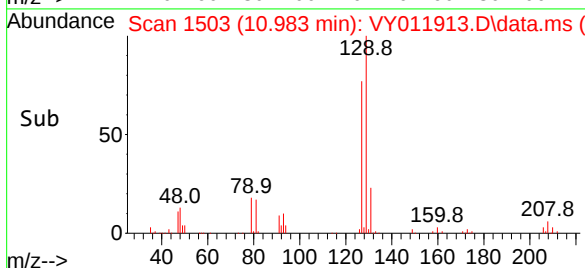
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

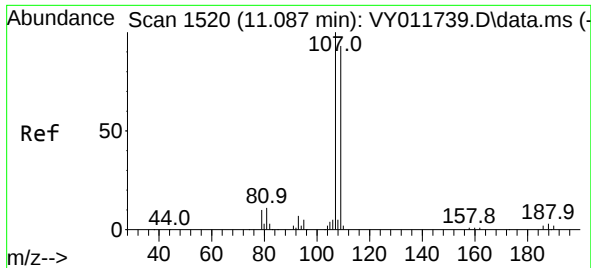


#60
Dibromochloromethane
Concen: 20.952 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



Tgt Ion:129 Resp: 43950
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





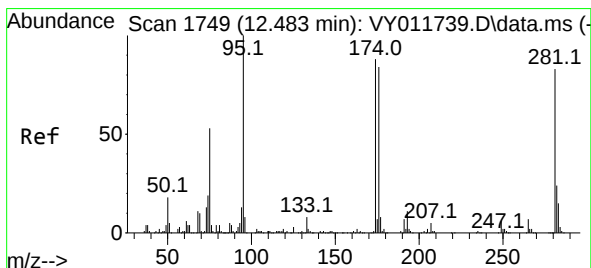
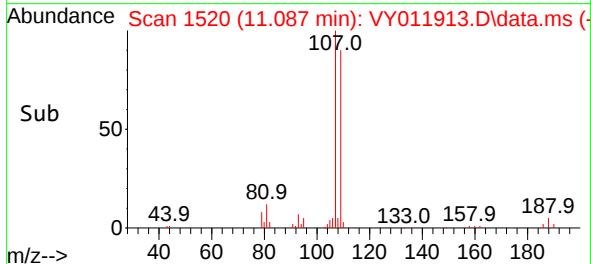
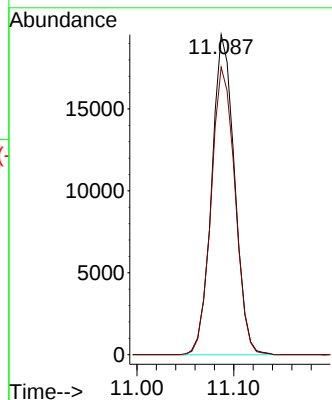
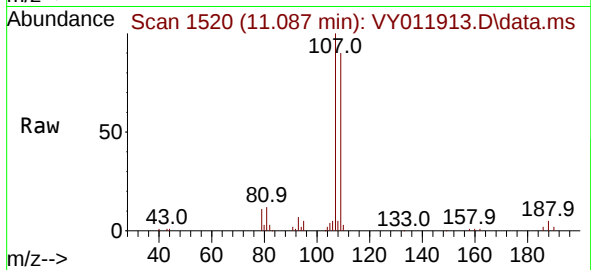
#61
1,2-Dibromoethane
Concen: 21.095 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 3200
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.6

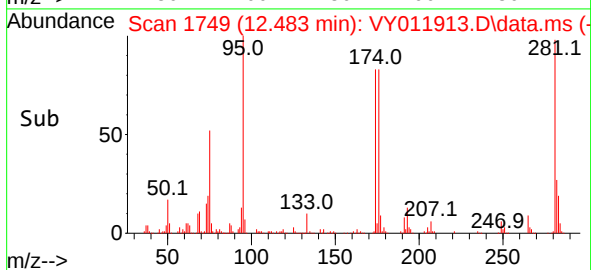
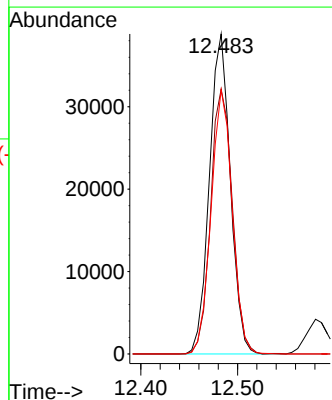
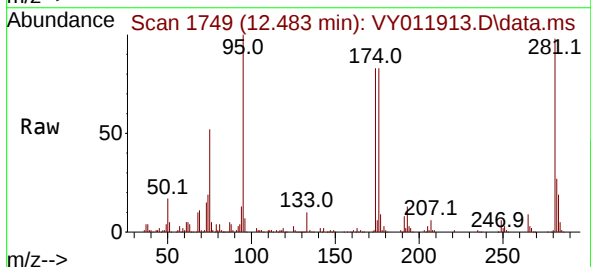
Manual Integrations
APPROVED

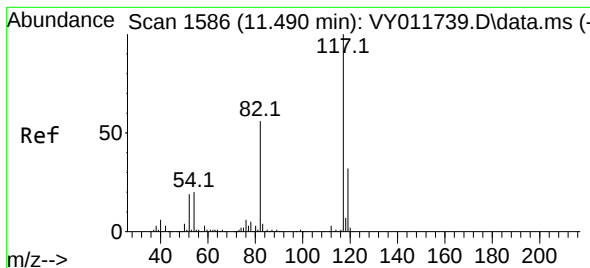
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#62
4-Bromofluorobenzene
Concen: 24.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 95 Resp: 58398
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.0
176 83.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

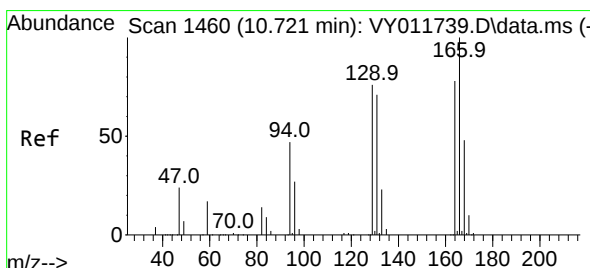
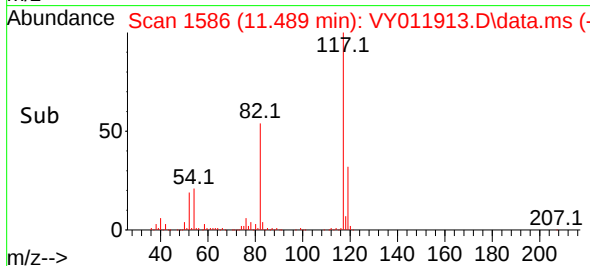
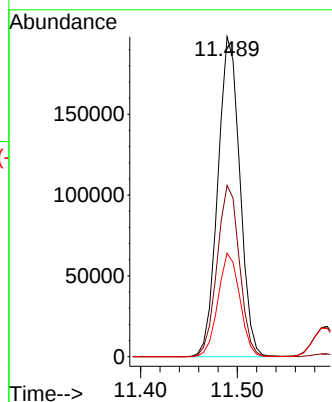
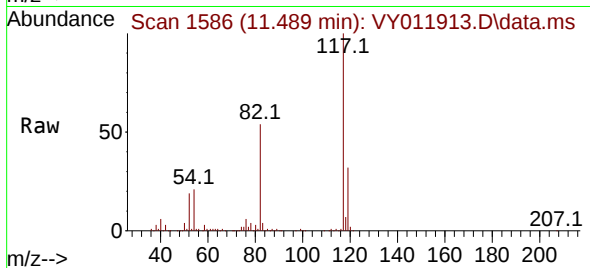
Tgt Ion:117	Resp:	31277
Ion Ratio	Lower	Upper
117	100	
82	53.5	44.8 67.2
119	32.3	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#64

Tetrachloroethene

Concen: 24.162 ug/l

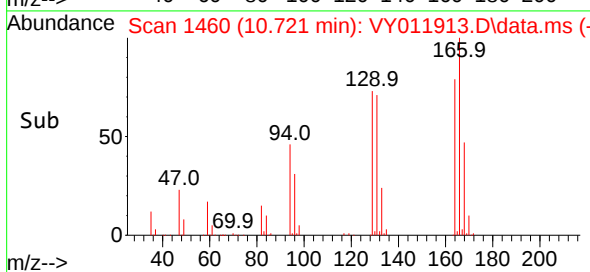
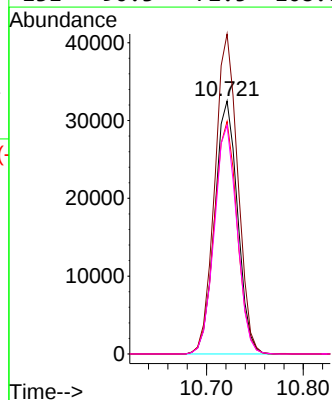
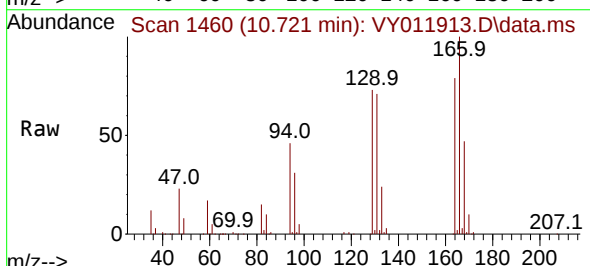
RT: 10.721 min Scan# 1460

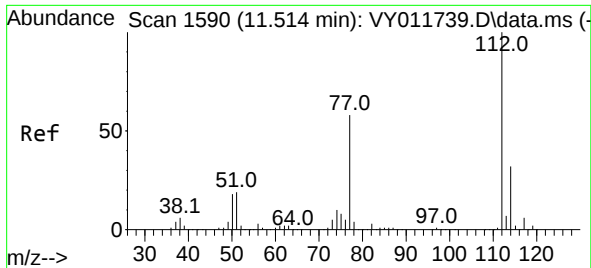
Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Tgt Ion:164	Resp:	53469
Ion Ratio	Lower	Upper
164	100	
166	126.5	102.3 153.5
129	91.9	77.2 115.8
131	90.3	72.5 108.7





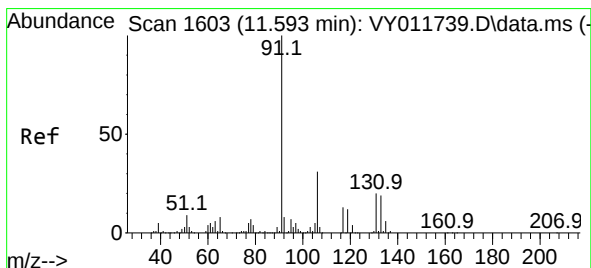
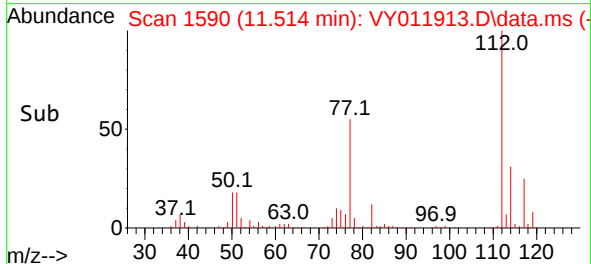
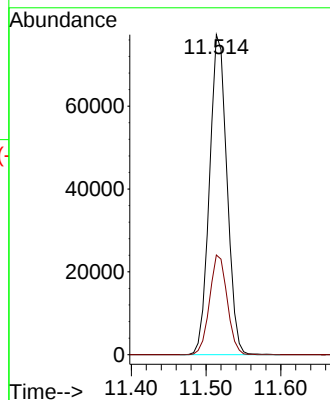
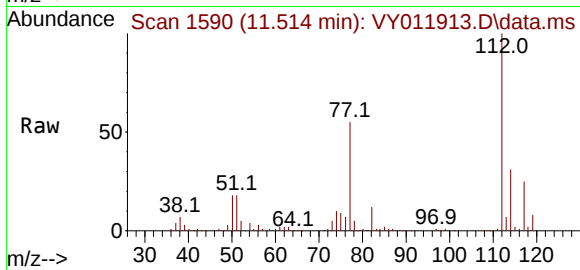
#65
Chlorobenzene
Concen: 22.212 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 12518
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9

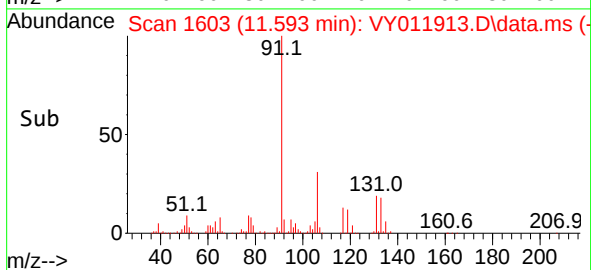
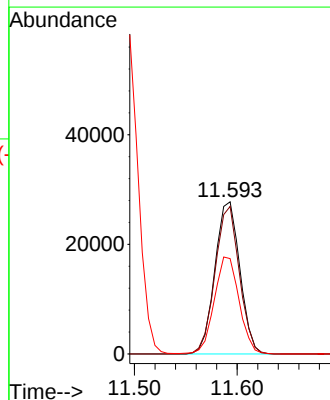
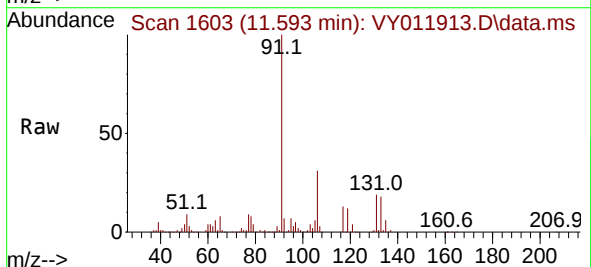
Manual Integrations
APPROVED

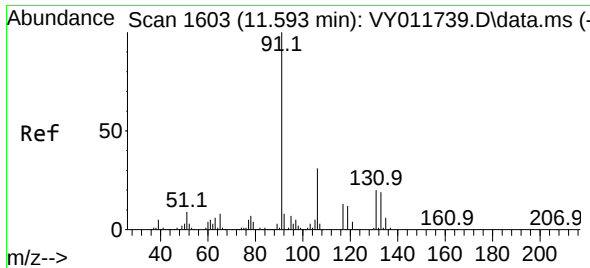
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.333 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

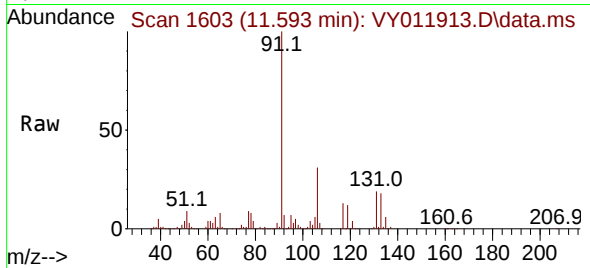
Tgt Ion:131 Resp: 46642
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 63.7 32.1 96.3





#67
Ethyl Benzene
Concen: 22.944 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

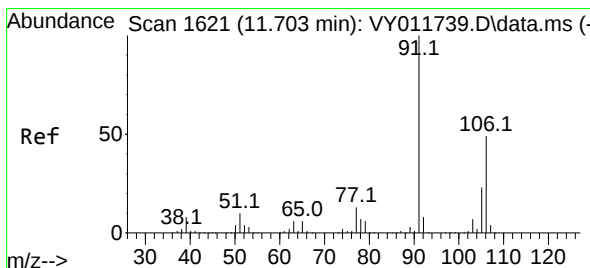
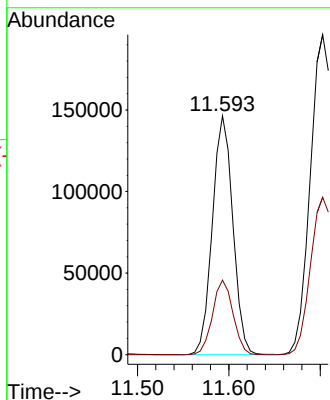
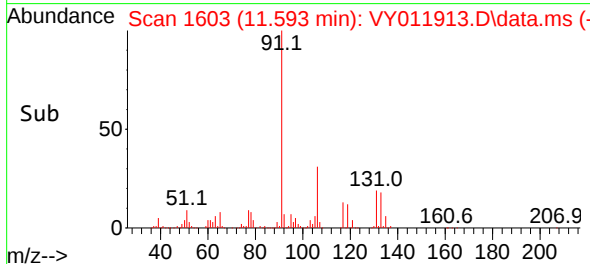
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



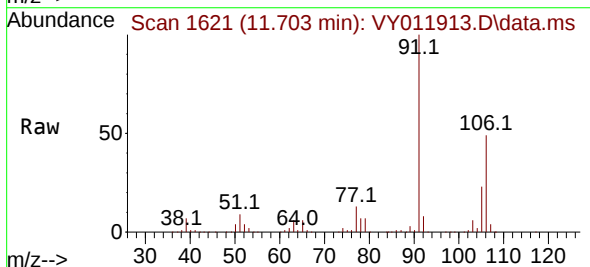
Tgt Ion: 91 Resp: 227830
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4

Manual Integrations
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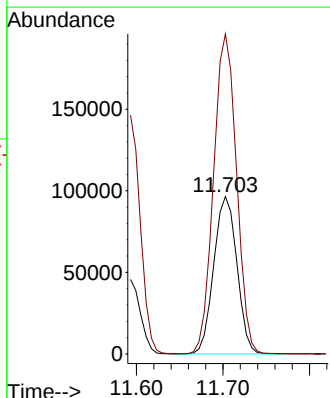
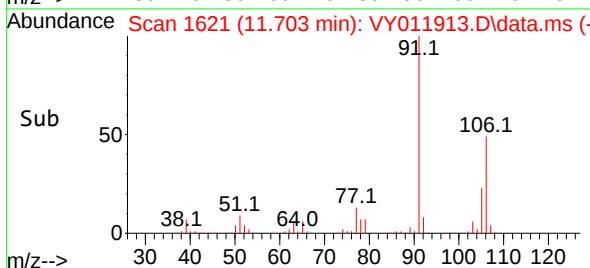
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

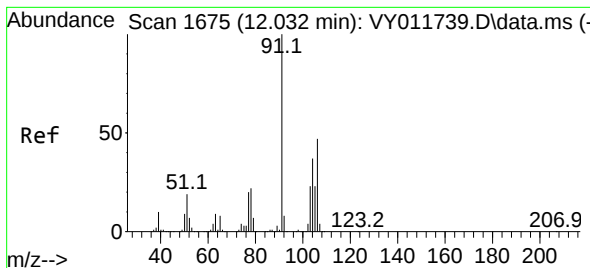


#68
m/p-Xylenes
Concen: 47.119 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



Tgt Ion:106 Resp: 179190
Ion Ratio Lower Upper
106 100
91 201.7 162.5 243.7





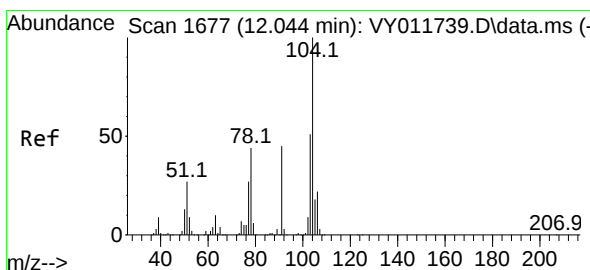
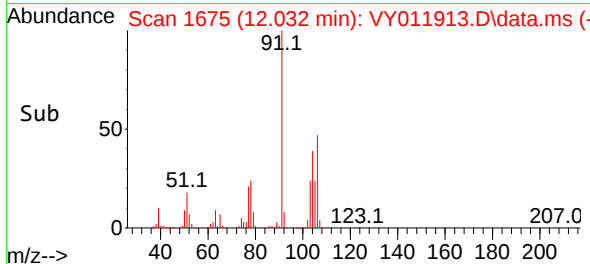
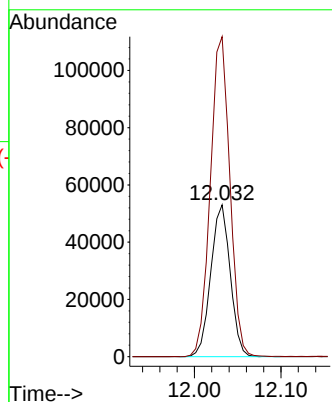
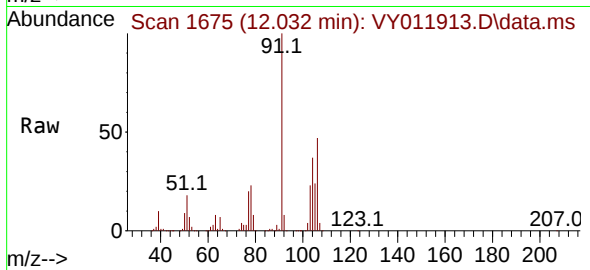
#69
o-Xylene
Concen: 22.783 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 8258
Ion Ratio Lower Upper
106 100
91 212.5 107.5 322.4

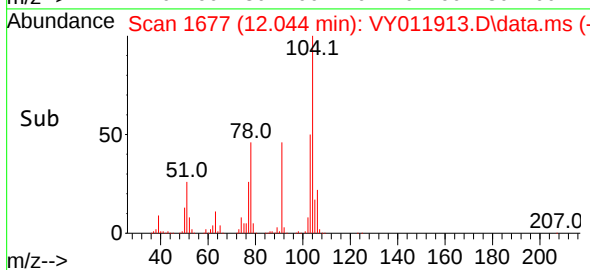
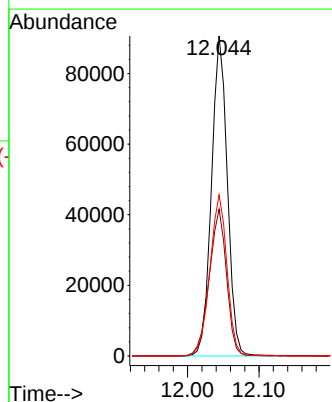
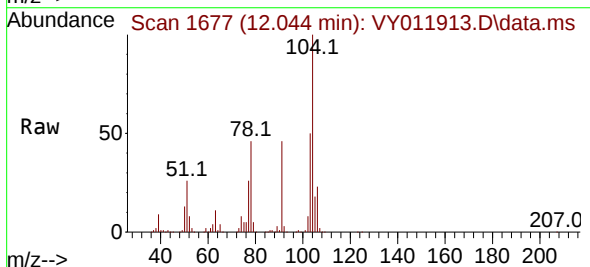
Manual Integrations
APPROVED

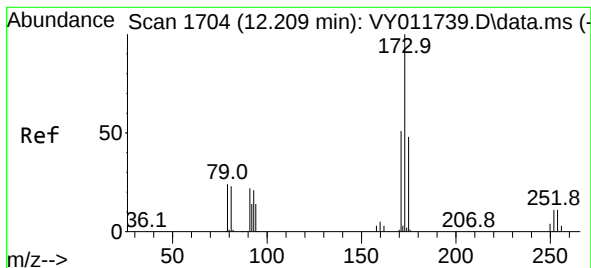
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 22.535 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion:104 Resp: 139418
Ion Ratio Lower Upper
104 100
78 50.0 39.4 59.0
103 54.3 43.0 64.4





#71

Bromoform

Concen: 20.448 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

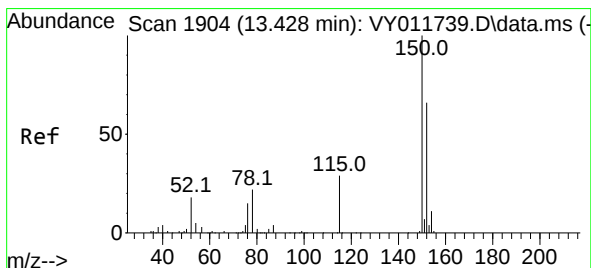
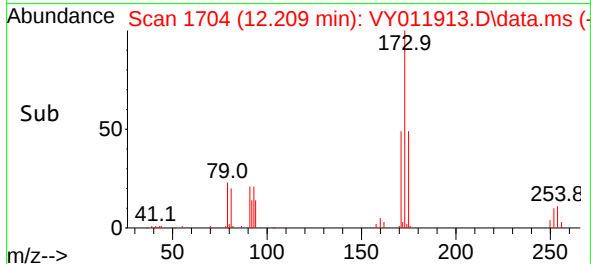
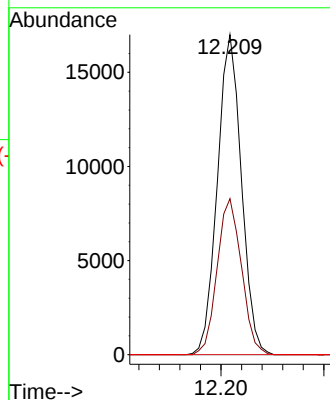
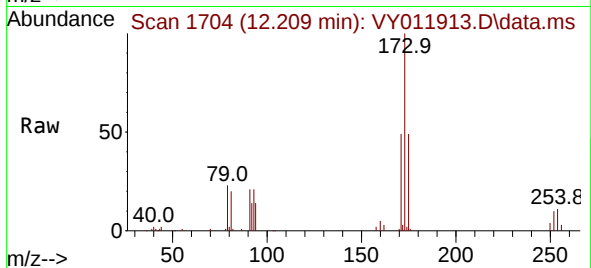
Tgt Ion:173	Resp:	27579
Ion Ratio	Lower	Upper
173	100	
175	49.3	23.8 71.5
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

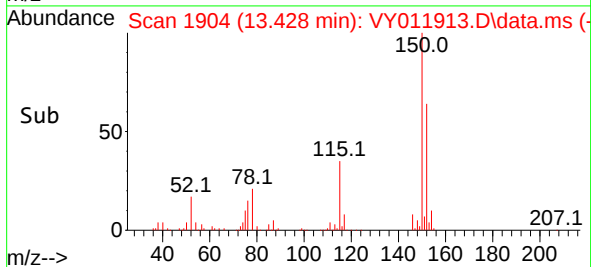
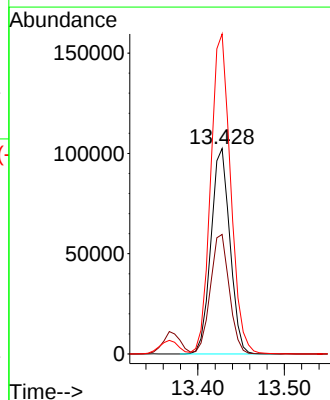
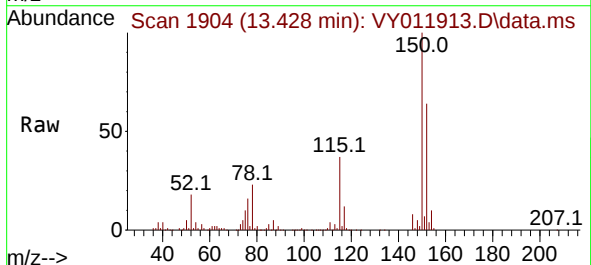
RT: 13.428 min Scan# 1904

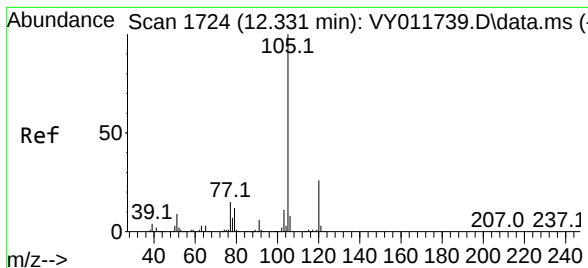
Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

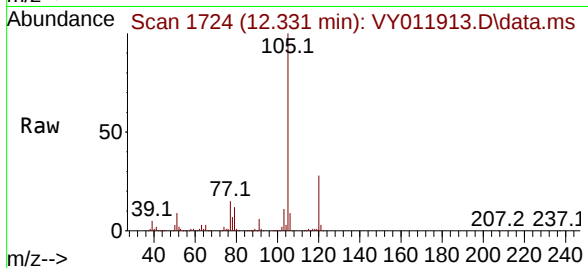
Tgt Ion:152	Resp:	155863
Ion Ratio	Lower	Upper
152	100	
115	58.2	29.1 87.3
150	163.6	0.0 342.6





#73
Isopropylbenzene
Concen: 22.009 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

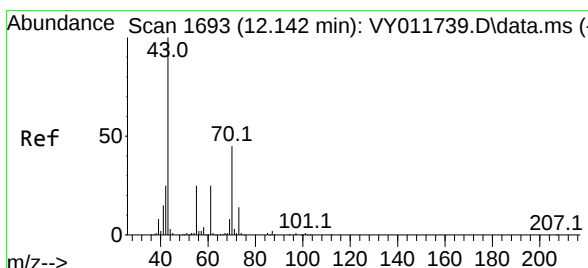
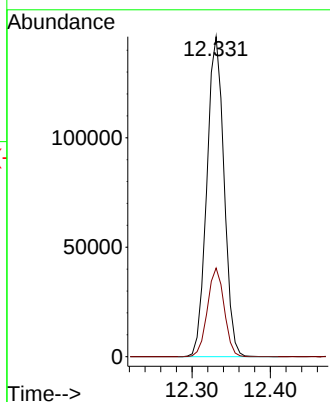
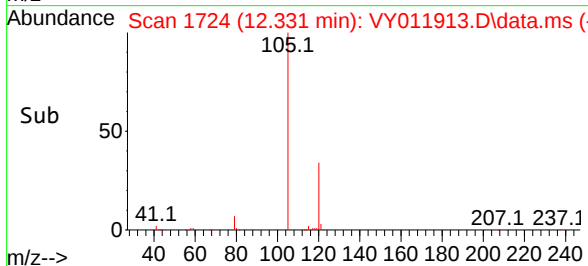
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



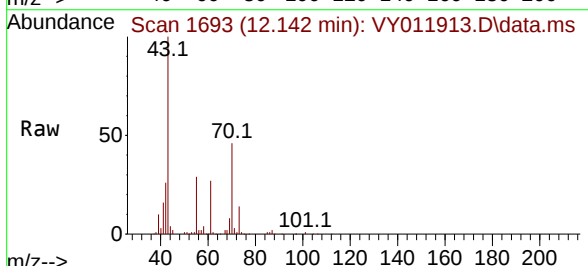
Tgt Ion: 105 Resp: 222258
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6

Manual Integrations
APPROVED

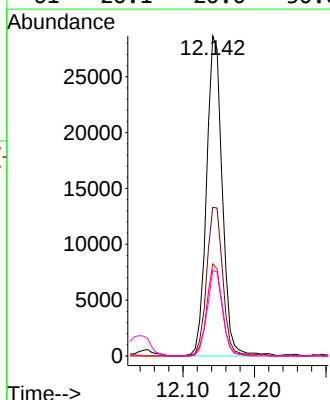
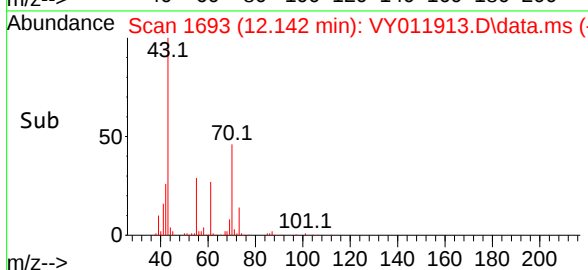
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

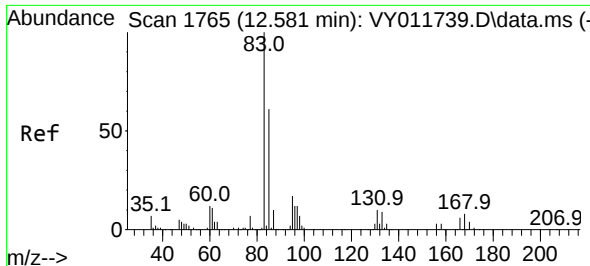


#74
N-ethyl acetate
Concen: 18.049 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



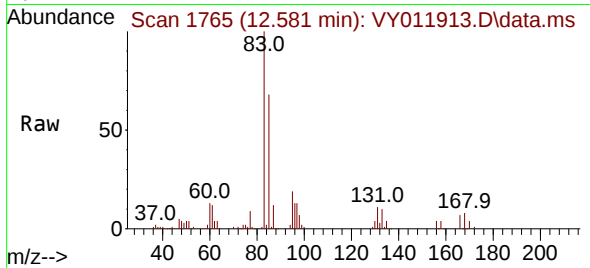
Tgt Ion: 43 Resp: 43822
Ion Ratio Lower Upper
43 100
70 47.2 35.8 53.8
55 28.4 21.0 31.4
61 26.1 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.576 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

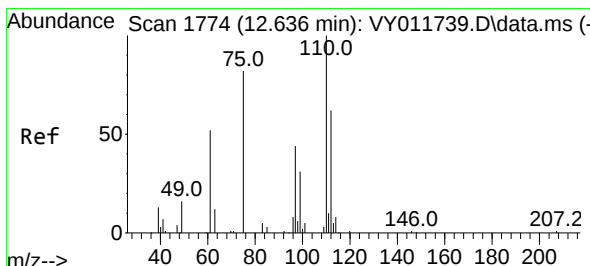
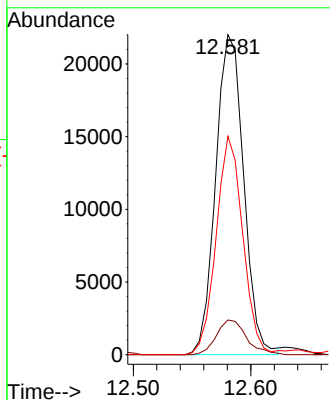
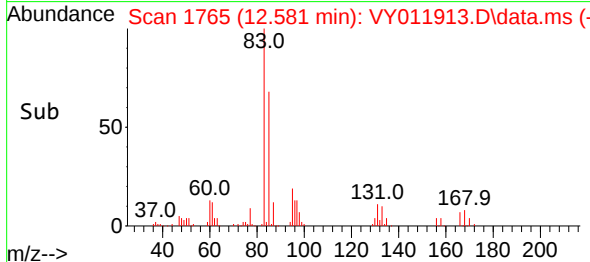
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



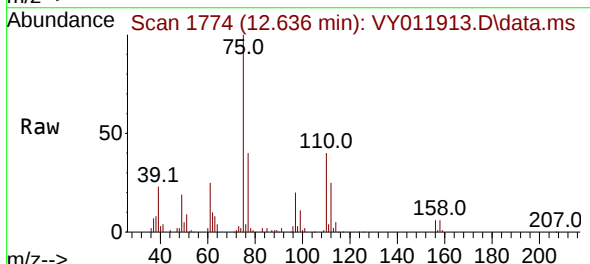
Tgt Ion: 83 Resp: 36532
Ion Ratio Lower Upper
83 100
131 11.6 5.6 16.8
85 65.3 32.3 96.8

Manual Integrations
APPROVED

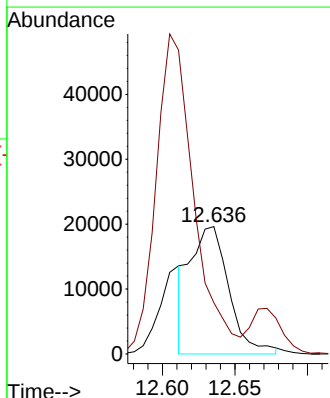
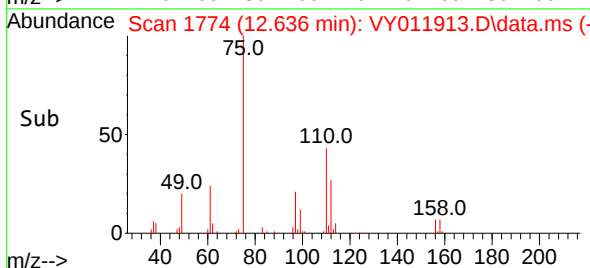
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

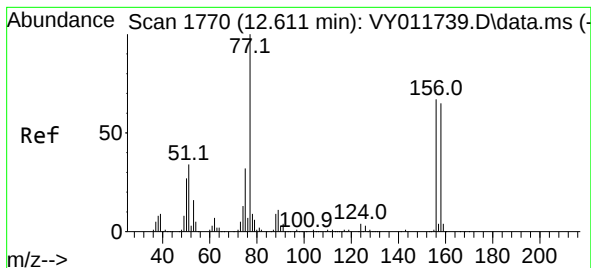


#76
1,2,3-Trichloropropane
Concen: 23.057 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



Tgt Ion: 75 Resp: 36359
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.971 ug/l

RT: 12.611 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

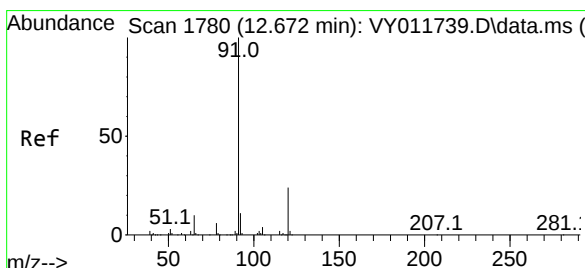
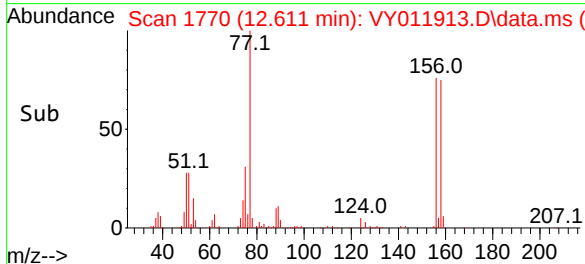
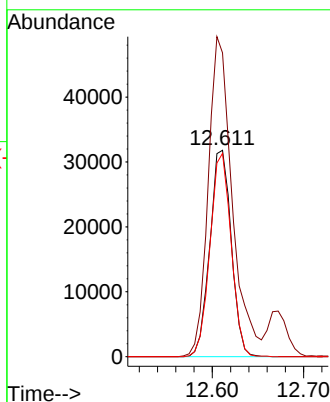
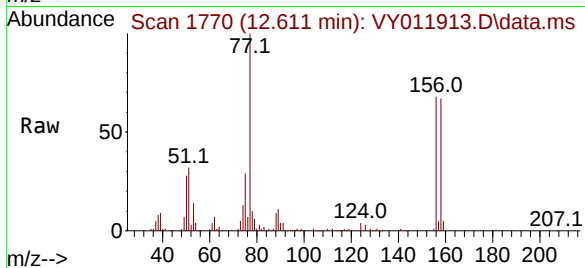
Tgt Ion:	156	Resp:	5180
Ion Ratio	Lower	Upper	
156	100		
77	173.6	90.0	270.0
158	97.0	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#78

n-propylbenzene

Concen: 22.477 ug/l

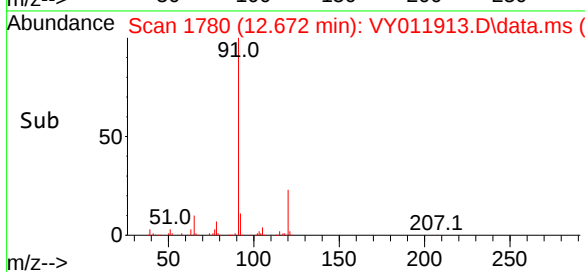
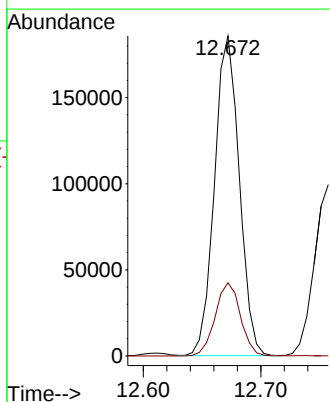
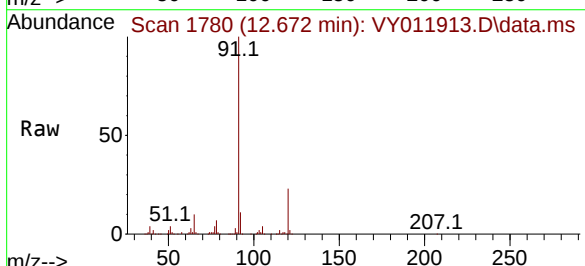
RT: 12.672 min Scan# 1780

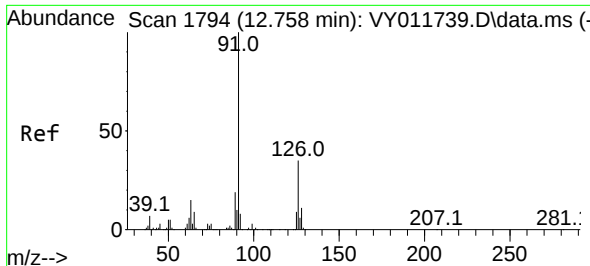
Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Tgt Ion:	91	Resp:	272011
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.8	35.4





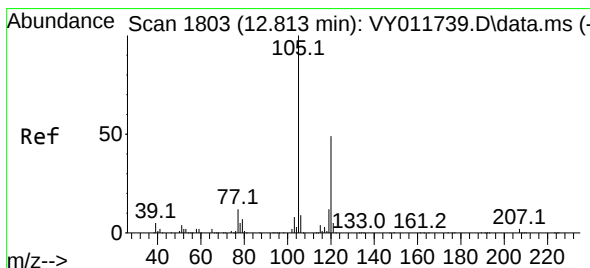
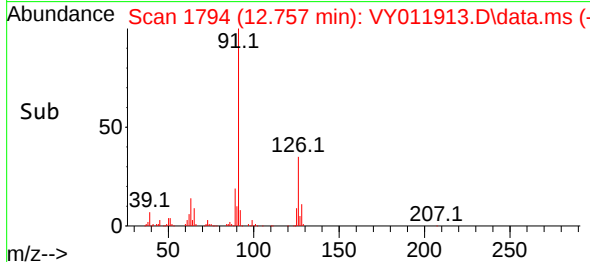
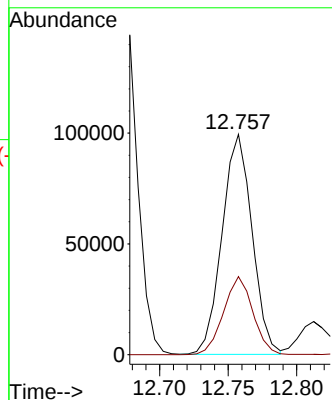
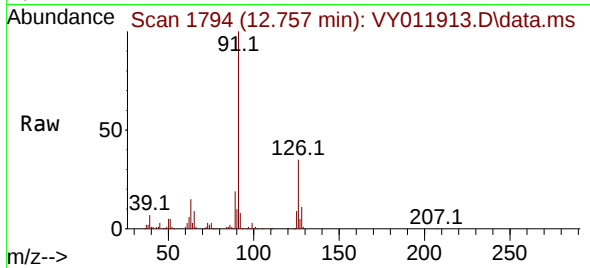
#79
2-Chlorotoluene
Concen: 21.925 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 151428
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.5

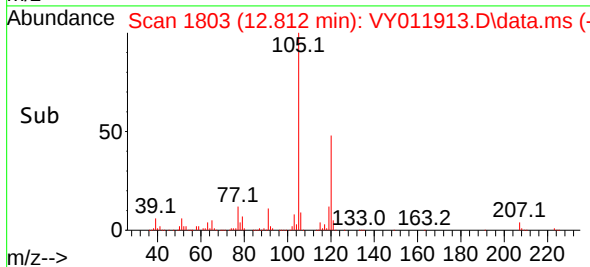
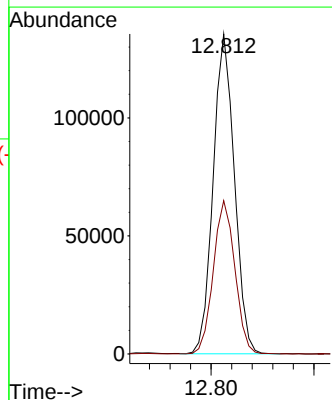
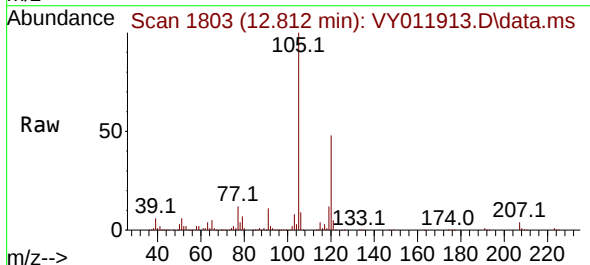
Manual Integrations
APPROVED

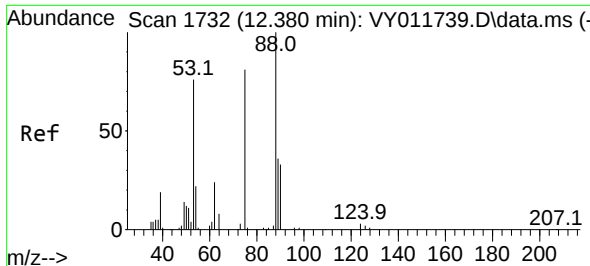
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.707 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion:105 Resp: 193818
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6





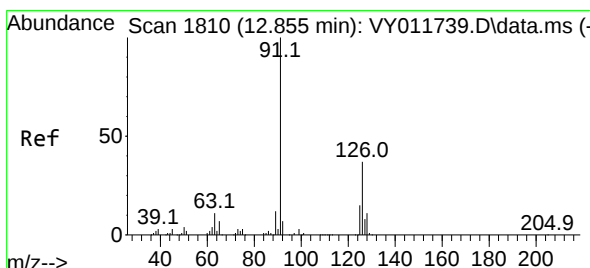
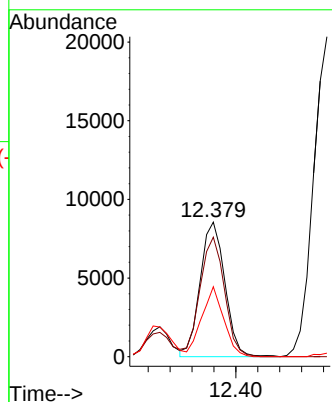
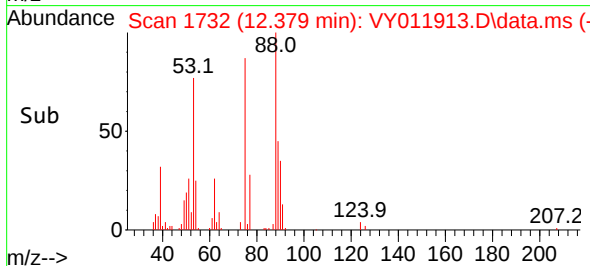
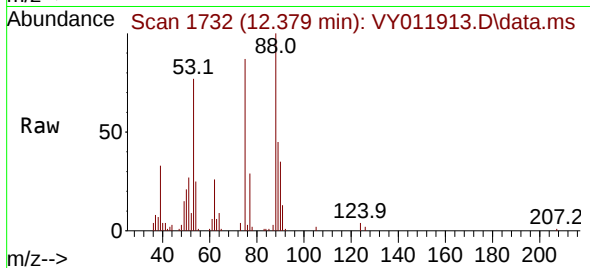
#81
trans-1,4-Dichloro-2-butene
Concen: 19.311 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 13420
Ion Ratio Lower Upper
75 100
53 88.0 72.5 108.7
89 46.2 37.0 55.4

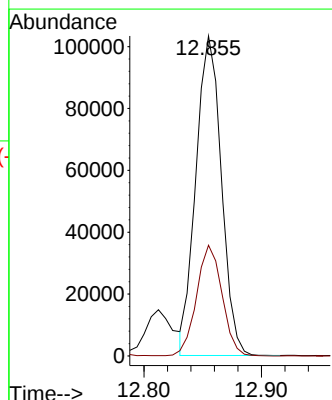
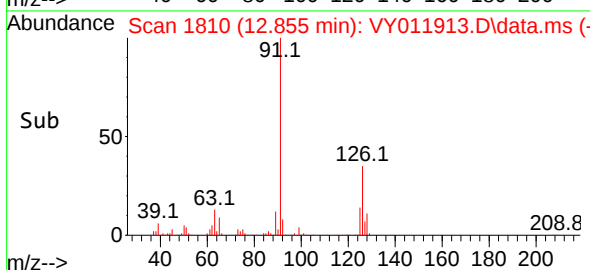
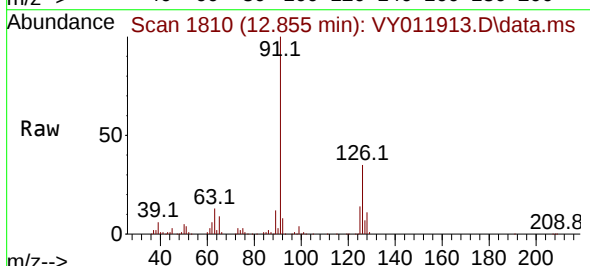
Manual Integrations
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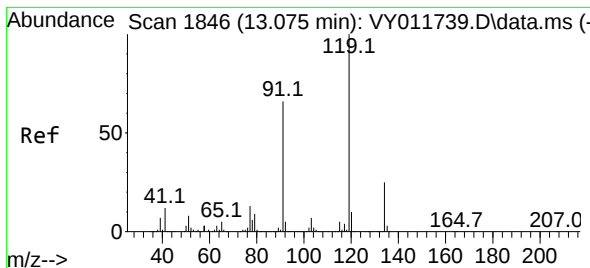
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 21.689 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

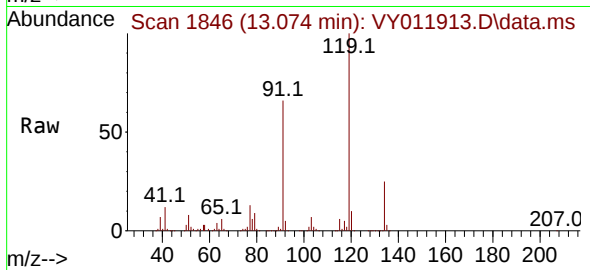
Tgt Ion: 91 Resp: 155376
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





#83
tert-Butylbenzene
Concen: 21.766 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

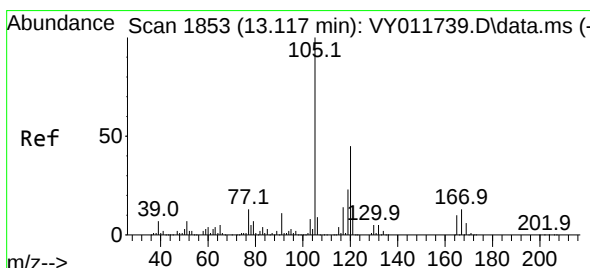
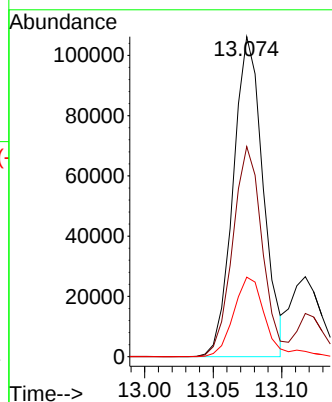
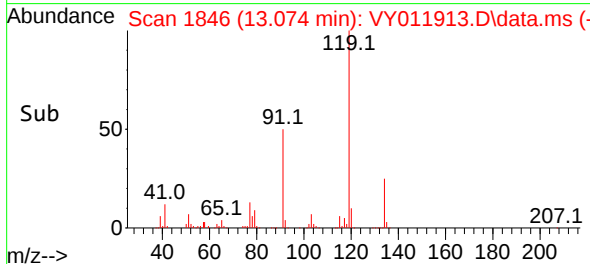
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



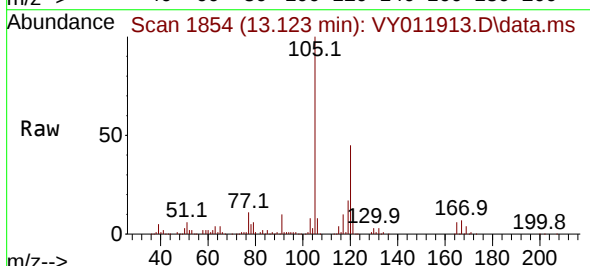
Tgt Ion:119 Resp: 161770
Ion Ratio Lower Upper
119 100
91 65.5 32.3 96.8
134 26.6 13.0 39.0

Manual Integrations
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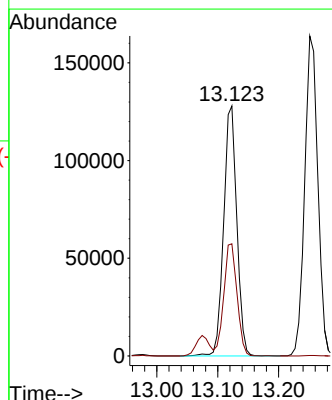
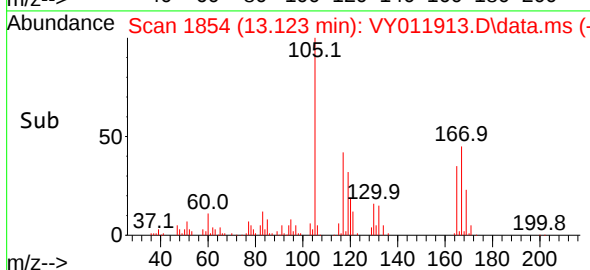
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

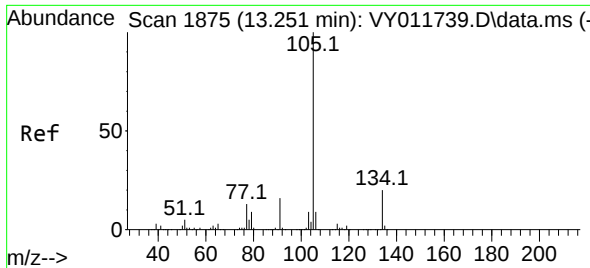


#84
1,2,4-Trimethylbenzene
Concen: 22.815 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



Tgt Ion:105 Resp: 191743
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7





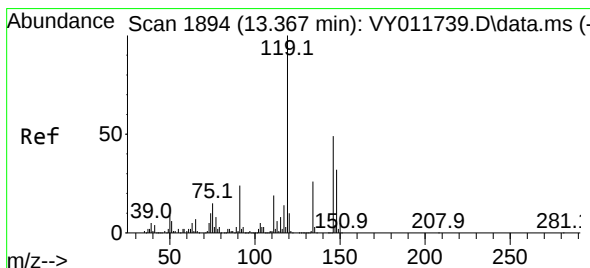
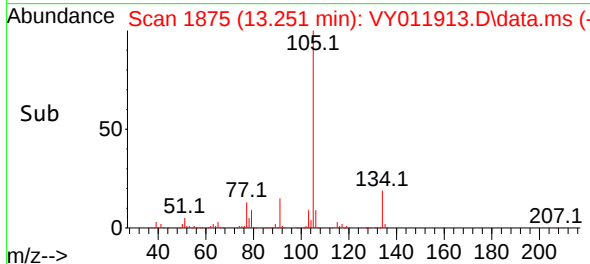
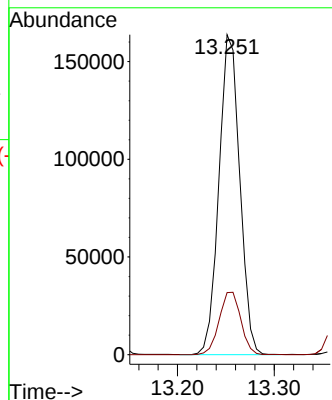
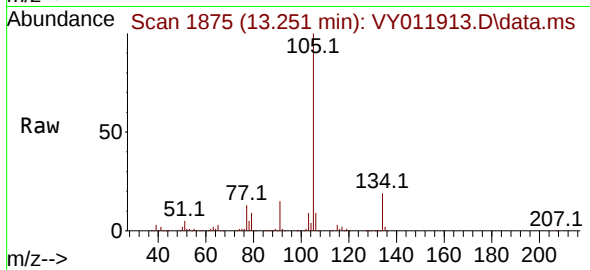
#85
 sec-Butylbenzene
 Concen: 22.085 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011913.D
 Acq: 20 Dec 2022 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 244448
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3

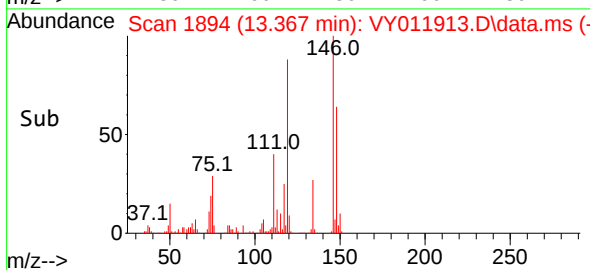
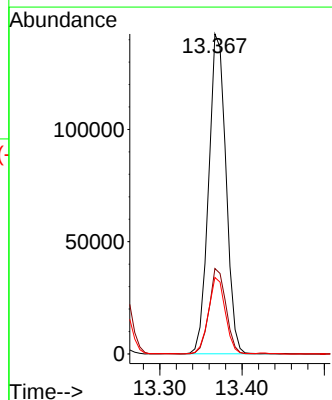
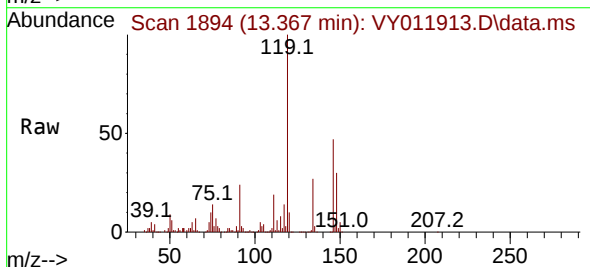
Manual Integrations
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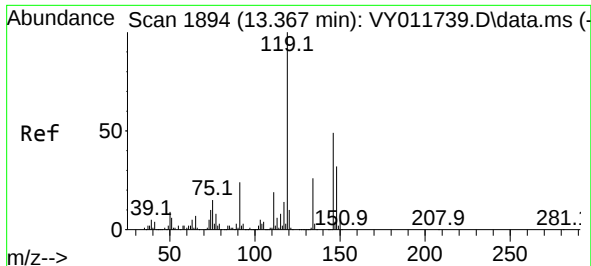
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#86
 p-Isopropyltoluene
 Concen: 22.592 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011913.D
 Acq: 20 Dec 2022 11:07

Tgt Ion:119 Resp: 208127
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 21.958 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 104189

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

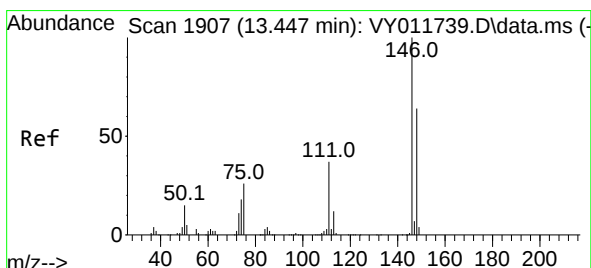
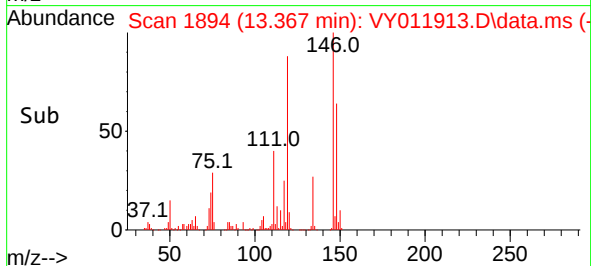
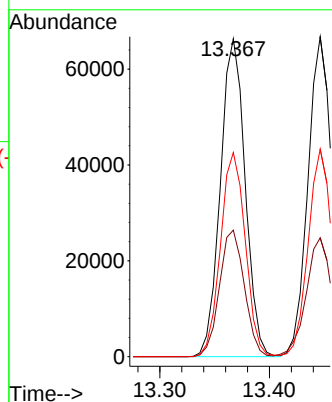
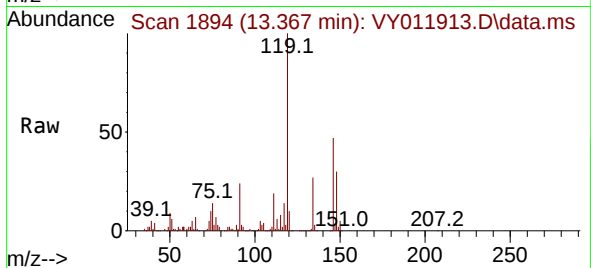
148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 21.643 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

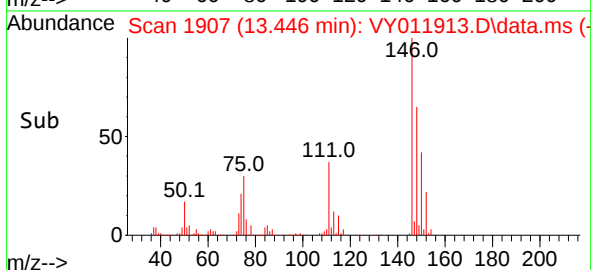
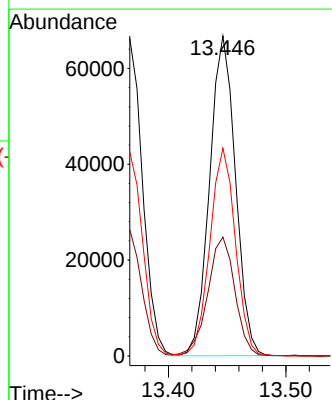
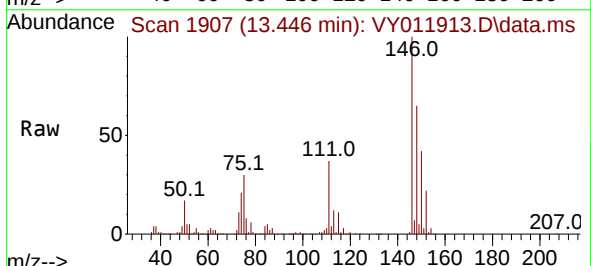
Tgt Ion:146 Resp: 102067

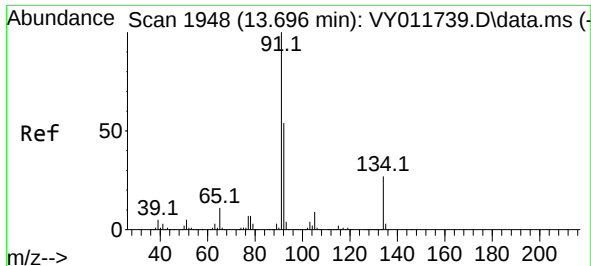
Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

148 64.3 31.9 95.7





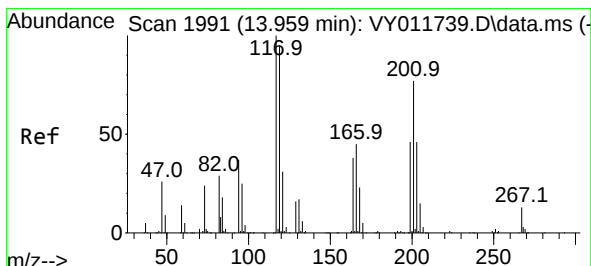
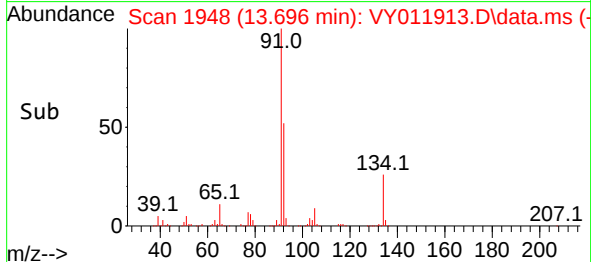
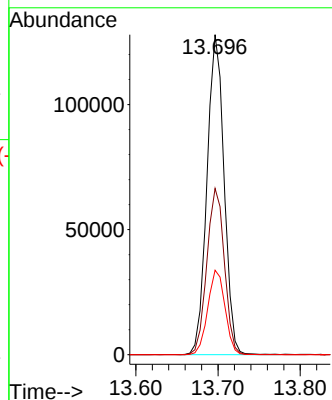
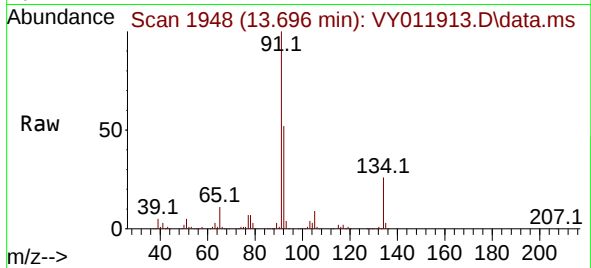
#89
n-Butylbenzene
Concen: 22.073 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 184858
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.4
134 26.6 13.3 39.8

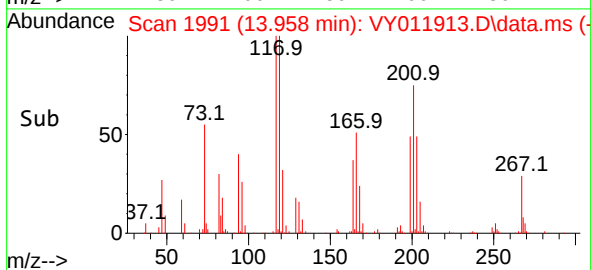
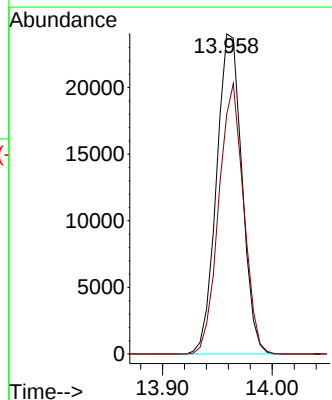
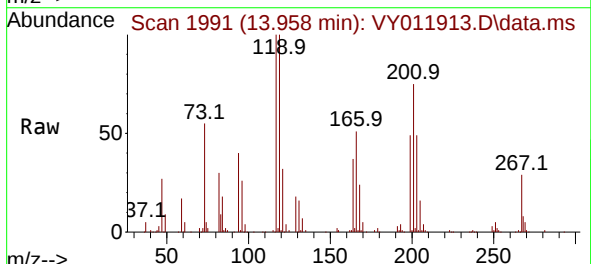
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 21.175 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion:117 Resp: 38763
Ion Ratio Lower Upper
117 100
201 82.3 40.3 120.8





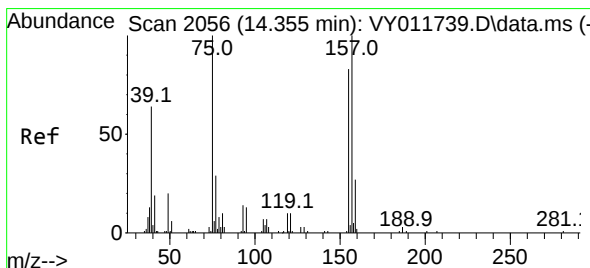
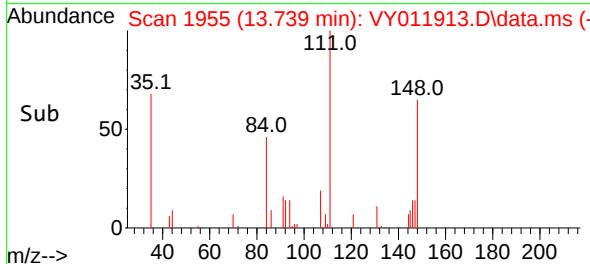
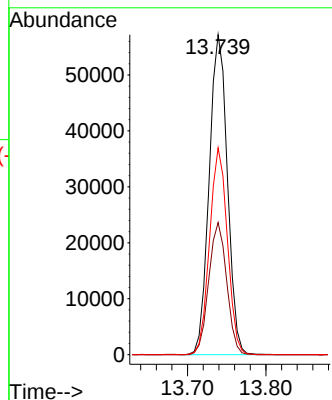
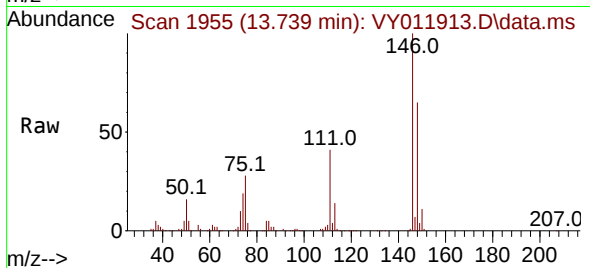
#91
1,2-Dichlorobenzene
Concen: 21.588 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 92178
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 63.3 31.8 95.4

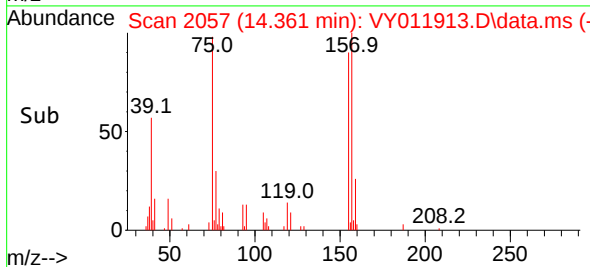
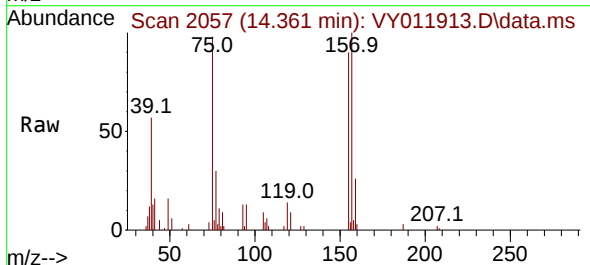
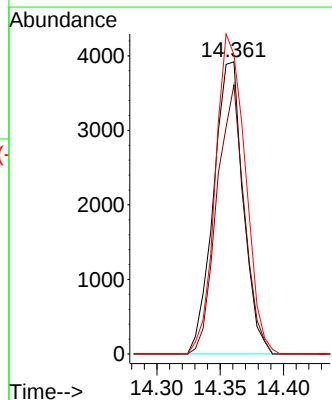
Manual Integrations
APPROVED

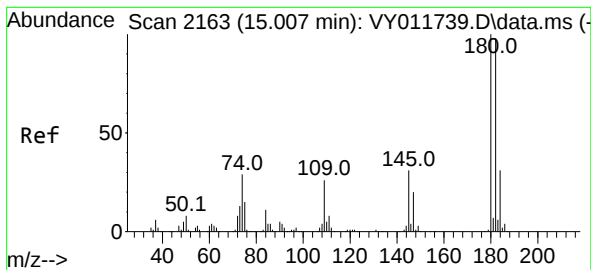
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.636 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

Tgt Ion: 75 Resp: 6390
Ion Ratio Lower Upper
75 100
155 85.2 42.3 126.8
157 110.4 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 20.984 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

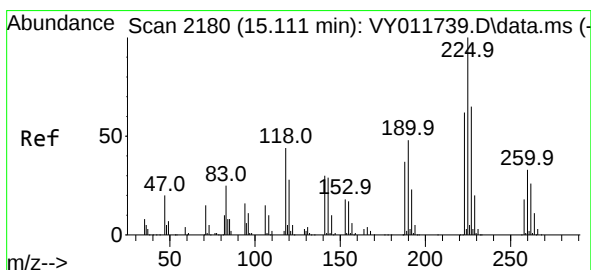
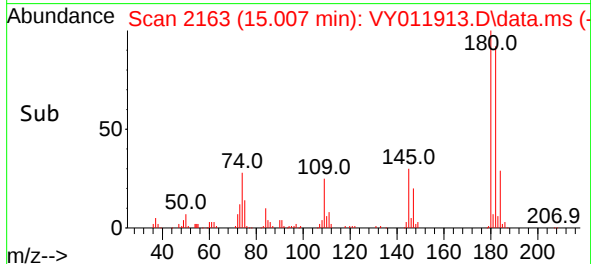
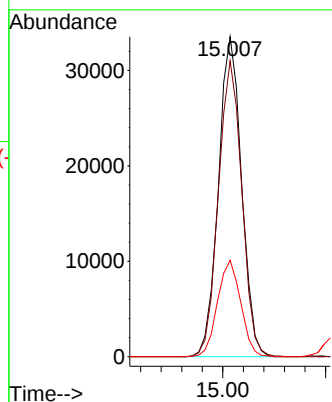
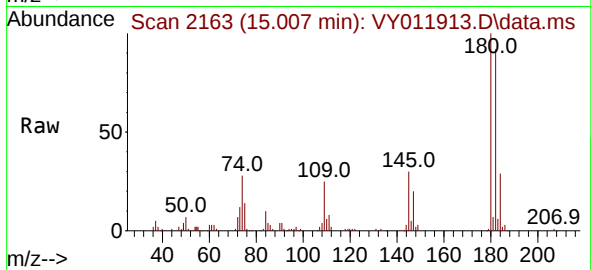
Tgt Ion:180	Resp:	5225
Ion Ratio	Lower	Upper
180	100	
182	93.5	48.1 144.3
145	30.3	15.4 46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#94

Hexachlorobutadiene

Concen: 22.144 ug/l

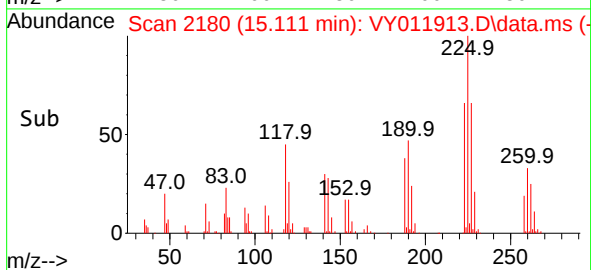
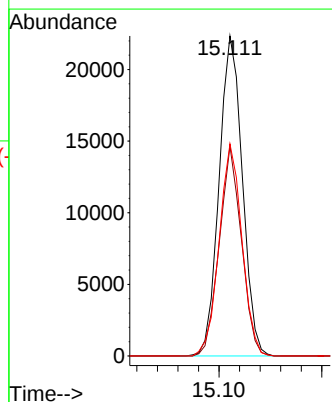
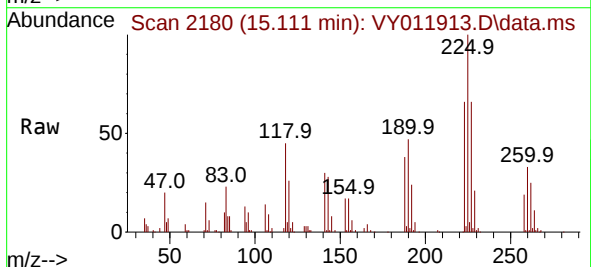
RT: 15.111 min Scan# 2180

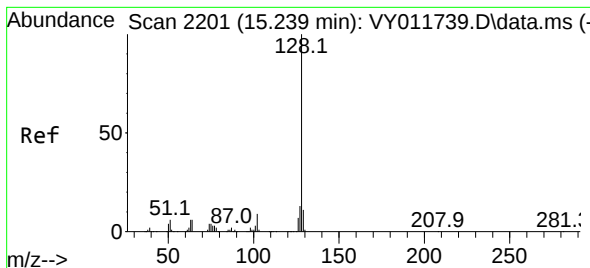
Delta R.T. -0.000 min

Lab File: VY011913.D

Acq: 20 Dec 2022 11:07

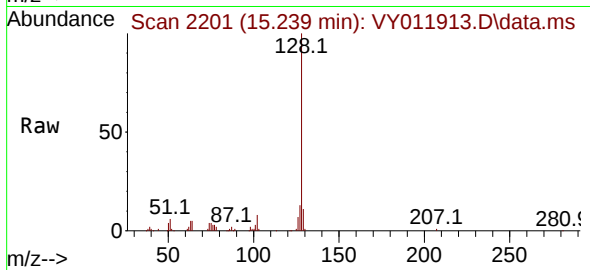
Tgt Ion:225	Resp:	35039
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.4 94.2
227	65.1	32.6 97.8





#95
Naphthalene
Concen: 18.933 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07

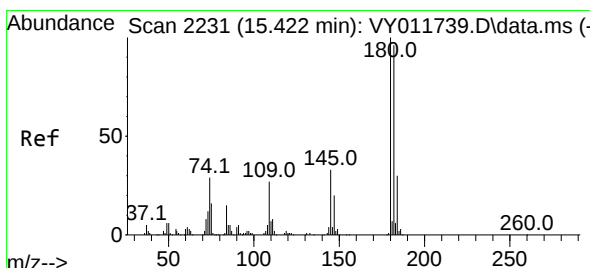
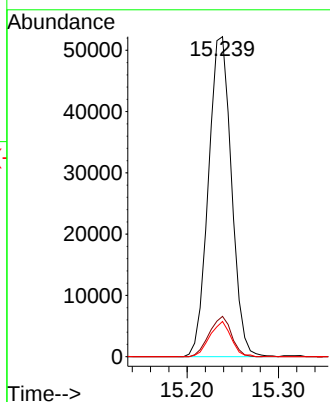
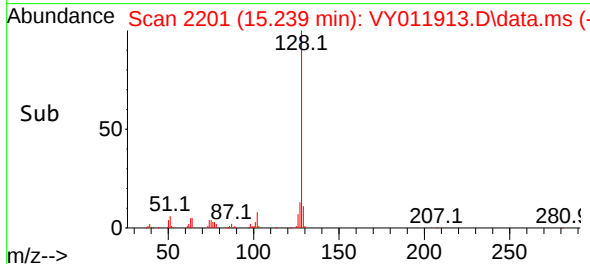
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



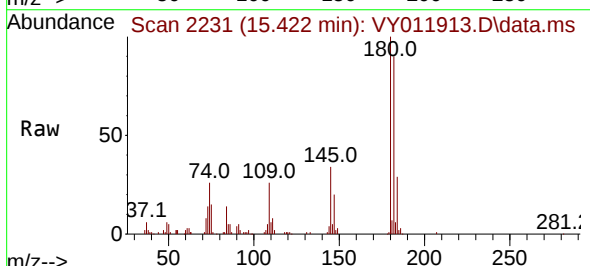
Tgt Ion:128 Resp: 91320
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 10.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.453 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011913.D
Acq: 20 Dec 2022 11:07



Tgt Ion:180 Resp: 43997
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.7
145 32.7 16.1 48.2

