

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016439.D
 Acq On : 21 Nov 2023 15:42
 Operator : SY/MD
 Sample : VY1121SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	154996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	244888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	213795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	103493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	72574	51.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.460%	
35) Dibromofluoromethane	7.734	113	79255	56.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.940%	
50) Toluene-d8	10.191	98	301723	53.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.960%	
62) 4-Bromofluorobenzene	12.495	95	101384	55.334	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	36148	23.818	ug/l	100
3) Chloromethane	2.125	50	36546	20.561	ug/l	97
4) Vinyl Chloride	2.260	62	39886	20.869	ug/l	97
5) Bromomethane	2.662	94	25166	20.036	ug/l	99
6) Chloroethane	2.808	64	24512	20.099	ug/l	98
7) Trichlorofluoromethane	3.144	101	64144	23.068	ug/l	97
8) Diethyl Ether	3.540	74	18096	21.774	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.918	101	37590	22.444	ug/l	95
10) Methyl Iodide	4.113	142	44210	24.441	ug/l	97
11) Tert butyl alcohol	4.972	59	11561	104.218	ug/l #	87
12) 1,1-Dichloroethene	3.893	96	35305	22.541	ug/l	83
13) Acrolein	3.741	56	11573	86.493	ug/l	95
14) Allyl chloride	4.497	41	44800	20.156	ug/l #	91
15) Acrylonitrile	5.186	53	34399	104.299	ug/l	96
16) Acetone	3.967	43	36624	156.297	ug/l #	83
17) Carbon Disulfide	4.216	76	108564	22.972	ug/l	99
18) Methyl Acetate	4.497	43	24400	19.596	ug/l #	88
19) Methyl tert-butyl Ether	5.241	73	80118	21.134	ug/l	98
20) Methylene Chloride	4.741	84	56371	32.861	ug/l #	83
21) trans-1,2-Dichloroethene	5.247	96	40368	22.384	ug/l	88
22) Diisopropyl ether	6.137	45	95744	19.988	ug/l #	88
23) Vinyl Acetate	6.082	43	227923	98.199	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	62626	21.192	ug/l	95
25) 2-Butanone	7.003	43	53448	130.225	ug/l #	87
26) 2,2-Dichloropropane	7.009	77	59805	22.236	ug/l	96
27) cis-1,2-Dichloroethene	7.009	96	43573	22.420	ug/l	88
28) Bromochloromethane	7.356	49	22259	20.352	ug/l #	79
29) Tetrahydrofuran	7.362	42	25516	94.057	ug/l #	83
30) Chloroform	7.527	83	67683	22.004	ug/l	95
31) Cyclohexane	7.807	56	57763	20.711	ug/l #	82
32) 1,1,1-Trichloroethane	7.722	97	63352	22.468	ug/l	96
36) 1,1-Dichloropropene	7.935	75	53492	22.145	ug/l	98
37) Ethyl Acetate	7.088	43	18576	19.033	ug/l #	90
38) Carbon Tetrachloride	7.917	117	59328	23.665	ug/l	99
39) Methylcyclohexane	9.197	83	67365	22.381	ug/l	92
40) Benzene	8.179	78	151832	22.372	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10800	21.946	ug/l #	88
42) 1,2-Dichloroethane	8.252	62	38230	21.741	ug/l	92
43) Isopropyl Acetate	8.289	43	36349	19.267	ug/l #	86
44) Trichloroethene	8.953	130	45224	23.186	ug/l	100
45) 1,2-Dichloropropane	9.234	63	35049	21.504	ug/l	99
46) Dibromomethane	9.319	93	19532	22.114	ug/l	98
47) Bromodichloromethane	9.508	83	50078	22.054	ug/l	97
48) Methyl methacrylate	9.307	41	19061	18.281	ug/l #	79
49) 1,4-Dioxane	9.313	88	3645	388.729	ug/l #	53
51) 4-Methyl-2-Pentanone	10.081	43	91661	96.080	ug/l #	87
52) Toluene	10.258	92	96356	22.461	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	47868	21.746	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	57628	21.919	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	27385	22.496	ug/l	96
56) Ethyl methacrylate	10.520	69	24303	21.149	ug/l #	79
57) 1,3-Dichloropropane	10.801	76	45434	21.895	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	74246	95.285	ug/l	90
59) 2-Hexanone	10.843	43	82882	116.799	ug/l	86
60) Dibromochloromethane	10.996	129	34464	22.637	ug/l	99
61) 1,2-Dibromoethane	11.099	107	25657	22.122	ug/l	99
64) Tetrachloroethene	10.734	164	46014	23.970	ug/l	97
65) Chlorobenzene	11.526	112	101099	22.133	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	39343	23.352	ug/l	99
67) Ethyl Benzene	11.605	91	182961	22.288	ug/l	98
68) m/p-Xylenes	11.715	106	142240	45.683	ug/l	93
69) o-Xylene	12.044	106	65583	22.686	ug/l	97
70) Styrene	12.057	104	93235	22.524	ug/l	98
71) Bromoform	12.221	173	20031	22.914	ug/l #	99
73) Isopropylbenzene	12.343	105	179961	21.473	ug/l	100
74) N-amyl acetate	12.154	43	30600	18.178	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.593	83	26634	19.805	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	36717	36.983	ug/l #	100
77) Bromobenzene	12.624	156	40426	21.343	ug/l	93
78) n-propylbenzene	12.684	91	213686	21.575	ug/l	99
79) 2-Chlorotoluene	12.770	91	117660	21.557	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	147582	21.842	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9660	21.120	ug/l	91
82) 4-Chlorotoluene	12.867	91	120242	21.320	ug/l	98
83) tert-Butylbenzene	13.087	119	129599	21.776	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	146542	22.026	ug/l	98
85) sec-Butylbenzene	13.264	105	183177	21.544	ug/l	99
86) p-Isopropyltoluene	13.379	119	160466	21.918	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	79783	21.894	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	79358	22.283	ug/l	99
89) n-Butylbenzene	13.709	91	146065	21.603	ug/l	97
90) Hexachloroethane	13.971	117	29801	21.101	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	69658	22.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4139	19.345	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	40396	22.163	ug/l	99
94) Hexachlorobutadiene	15.123	225	25227	24.159	ug/l	98
95) Naphthalene	15.251	128	69183	21.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	33645	22.317	ug/l	99

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Response via : Initial Calibration

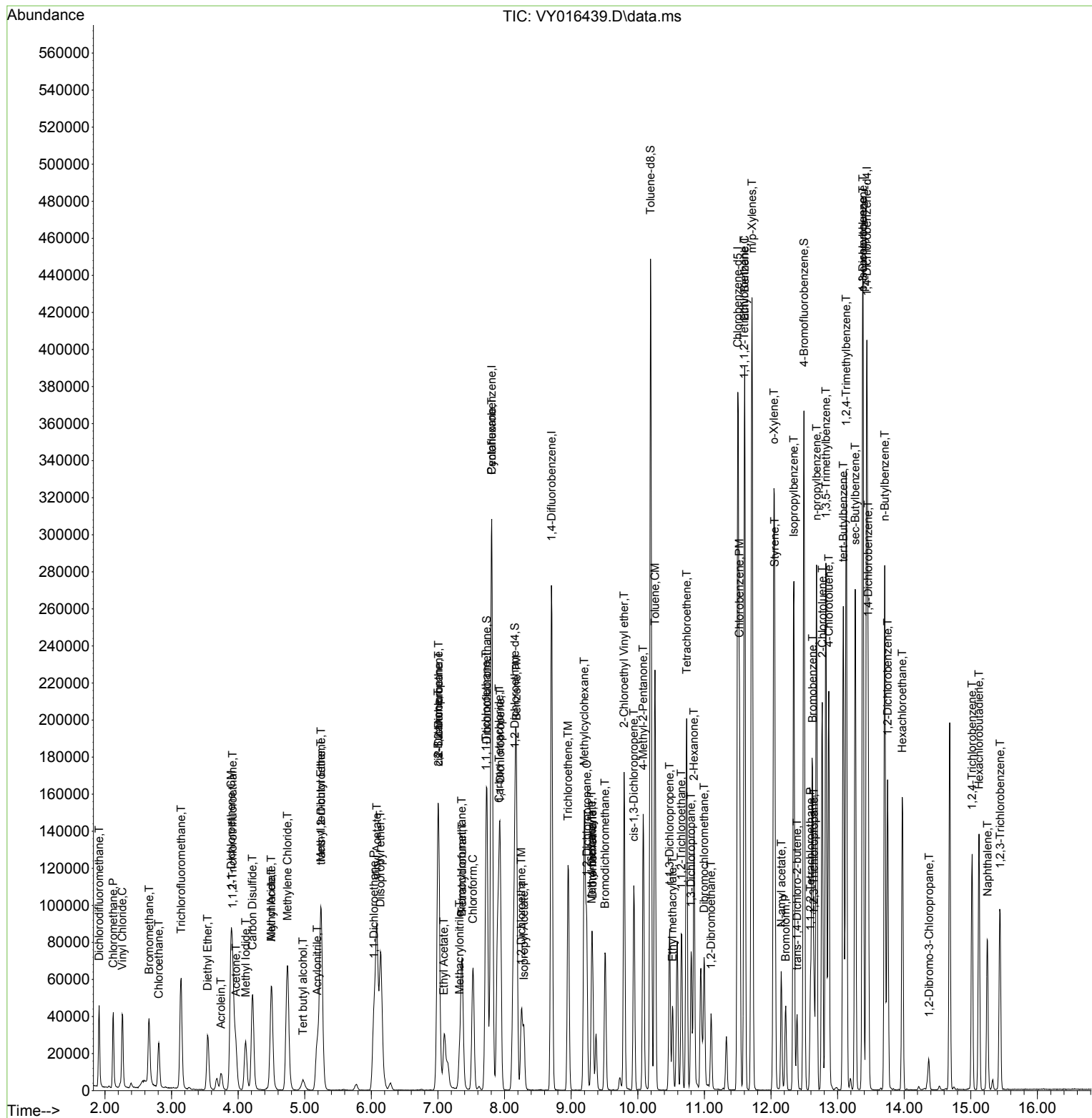
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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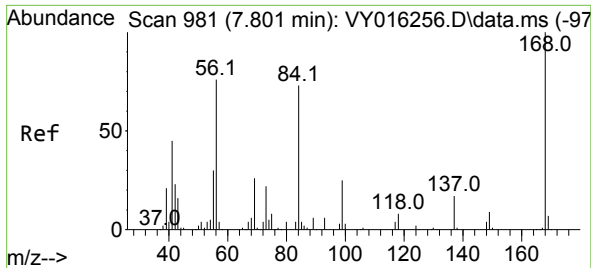
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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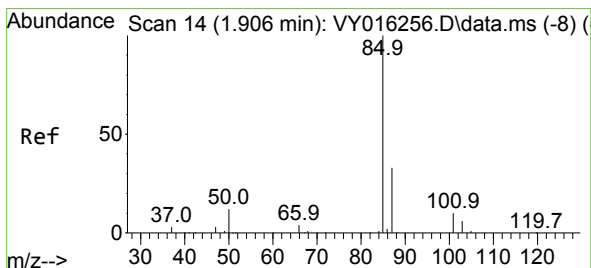
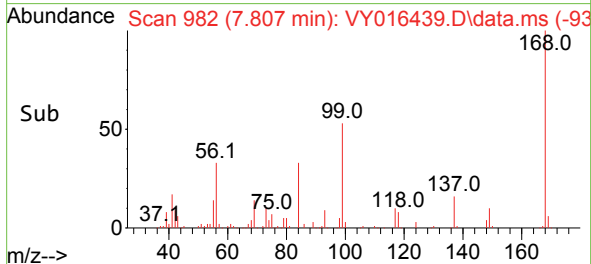
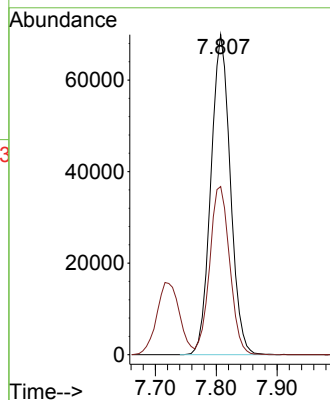
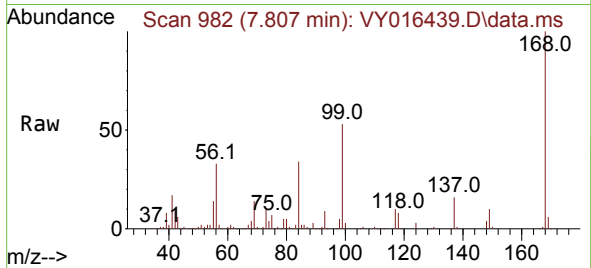




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016439.D
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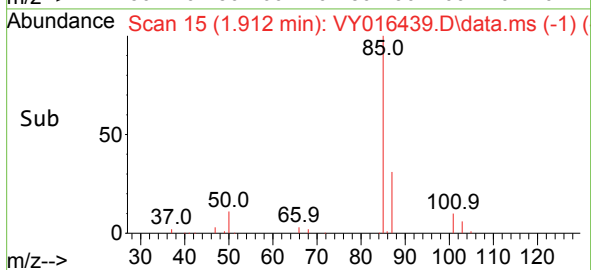
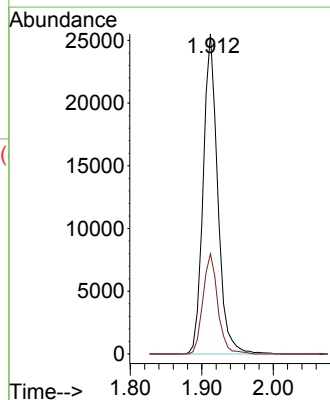
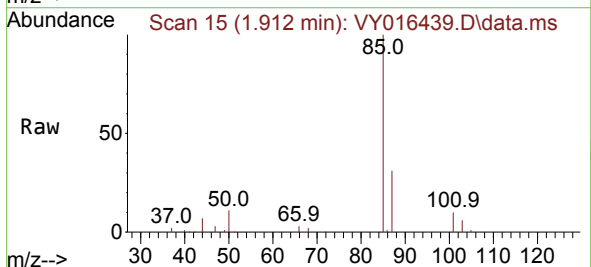
Instrument :
MSVOA_Y
ClientSampleId :

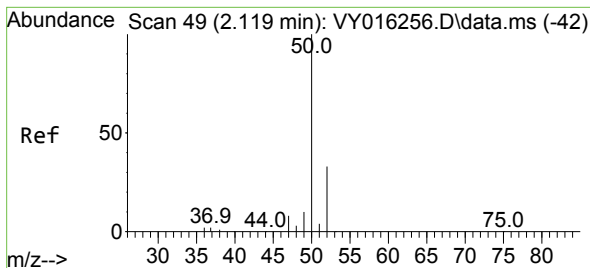
Tgt Ion:168 Resp: 154996
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.818 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 85 Resp: 36148
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8





#3

Chloromethane

Concen: 20.561 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

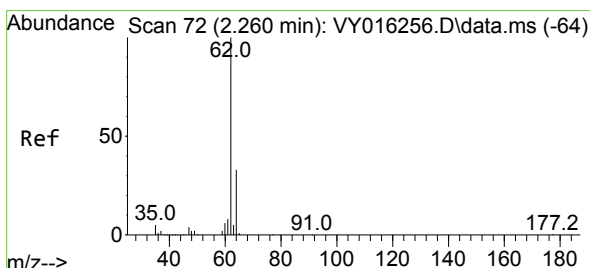
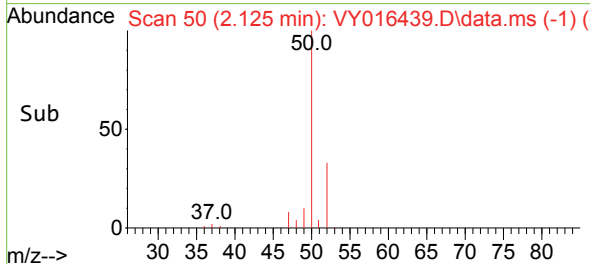
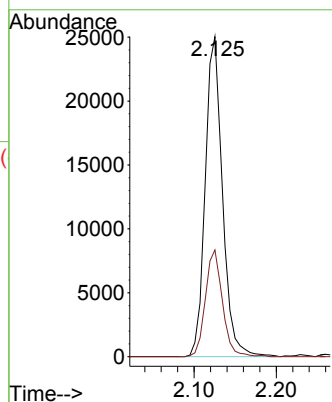
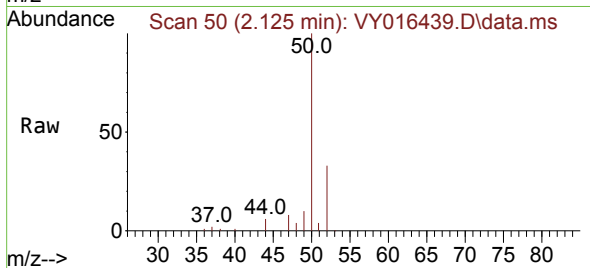
ClientSampleId :

Tgt Ion: 50 Resp: 36546

Ion Ratio Lower Upper

50 100

52 33.3 25.4 38.2



#4

Vinyl Chloride

Concen: 20.869 ug/l

RT: 2.260 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016439.D

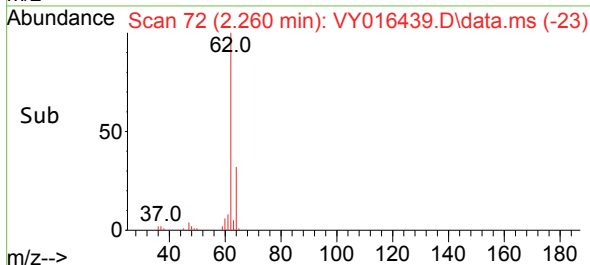
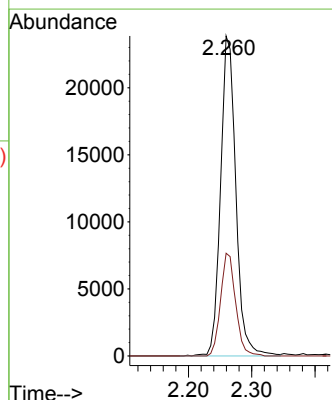
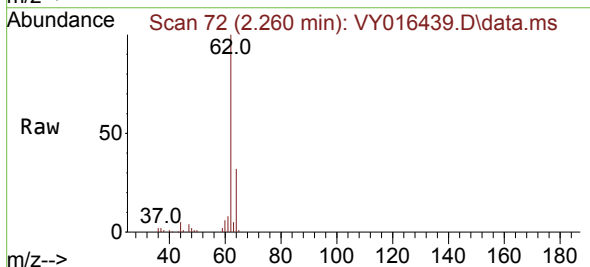
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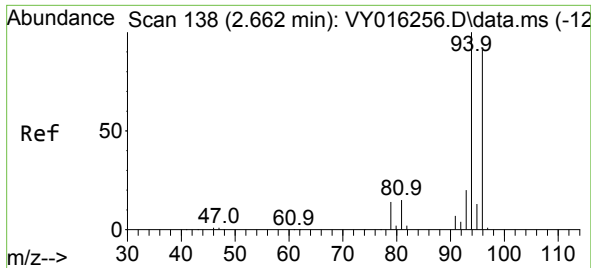
Tgt Ion: 62 Resp: 39886

Ion Ratio Lower Upper

62 100

64 32.1 24.3 36.5

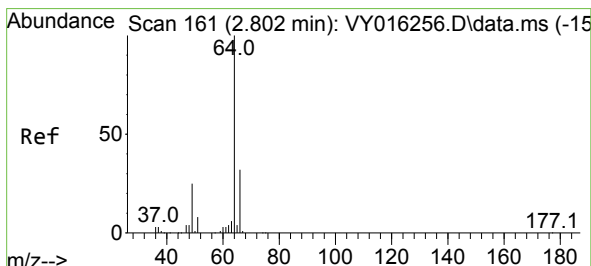
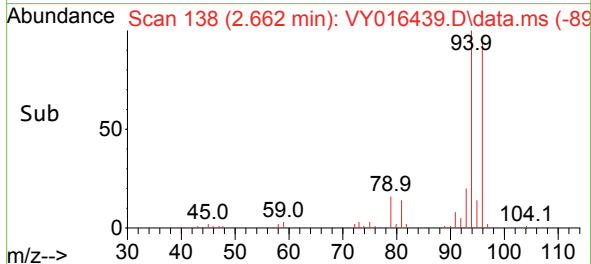
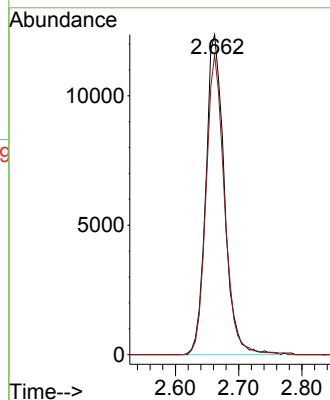
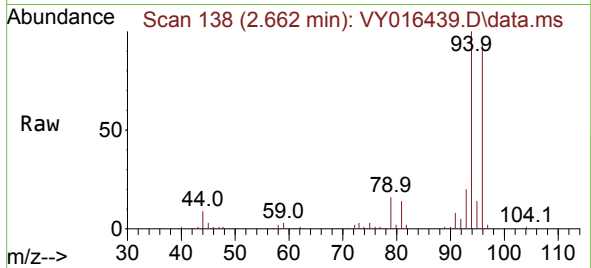




#5
Bromomethane
Concen: 20.036 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

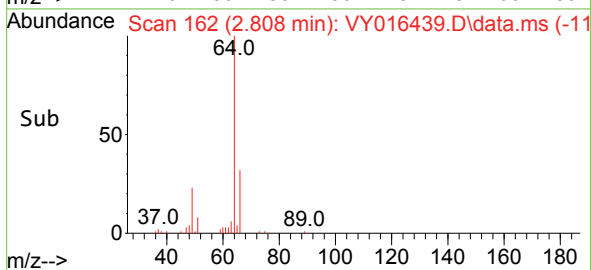
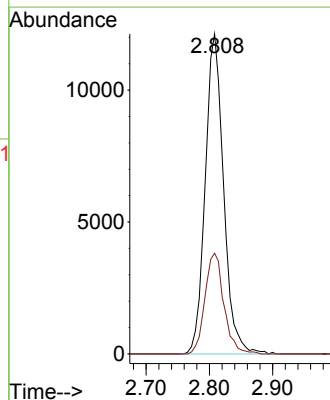
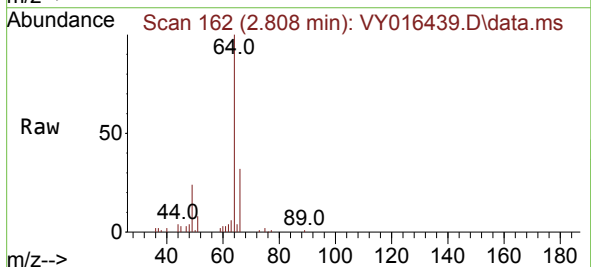
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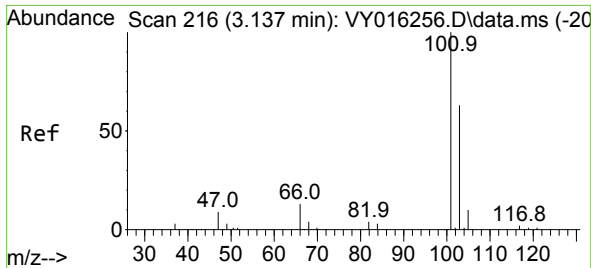
Tgt Ion: 94 Resp: 25166
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.6



#6
Chloroethane
Concen: 20.099 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

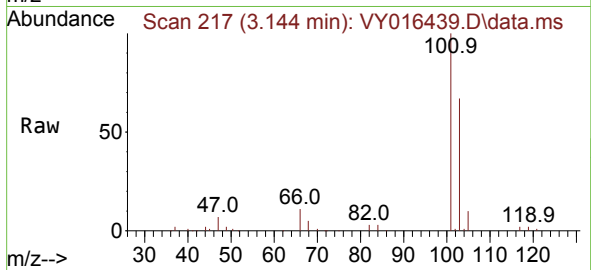
Tgt Ion: 64 Resp: 24512
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6



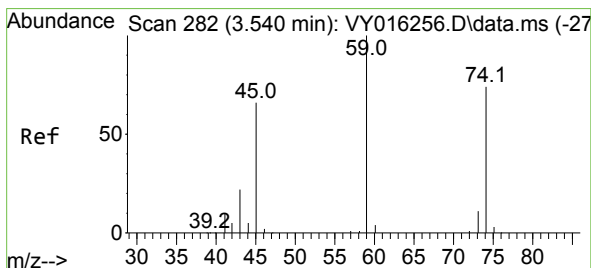
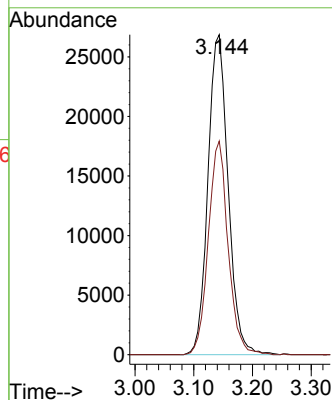
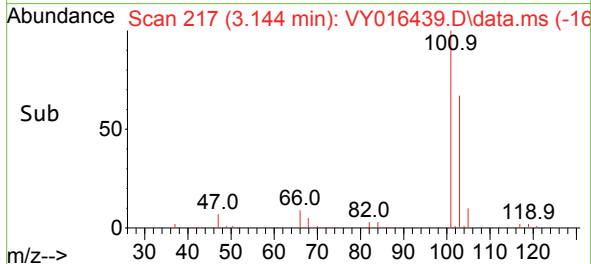


#7
 Trichlorofluoromethane
 Concen: 23.068 ug/l
 RT: 3.144 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016439.D
 Acq: 21 Nov 2023 15:42

Instrument :
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 ClientSampleId :

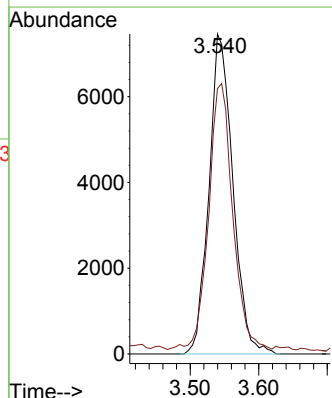
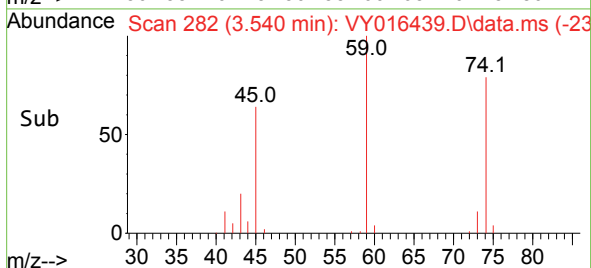
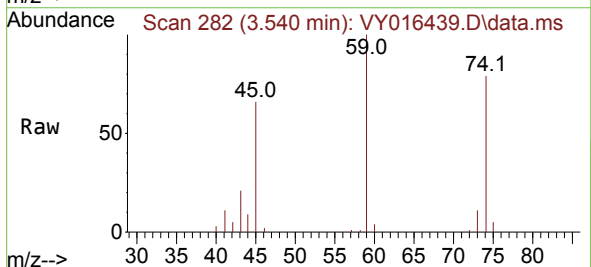


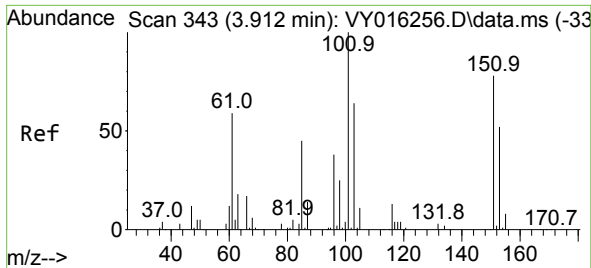
Tgt Ion:101 Resp: 64144
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.774 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016439.D
 Acq: 21 Nov 2023 15:42

Tgt Ion: 74 Resp: 18096
 Ion Ratio Lower Upper
 74 100
 45 83.5 51.5 154.5

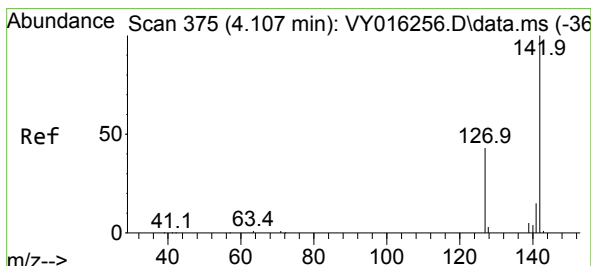
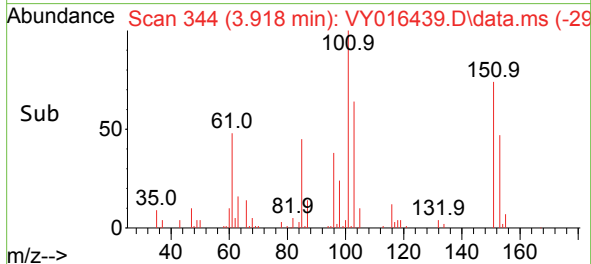
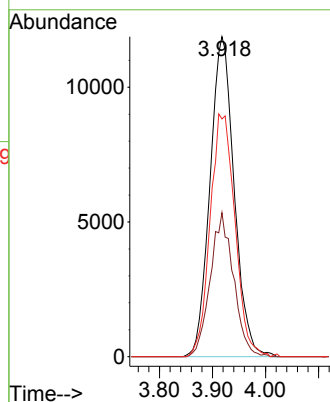
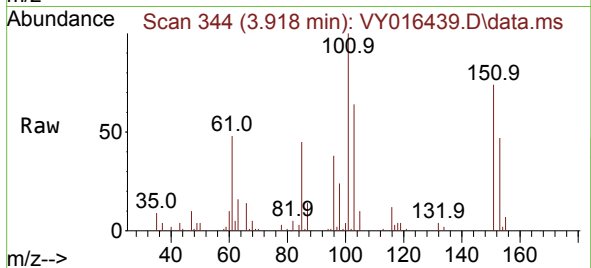




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.444 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

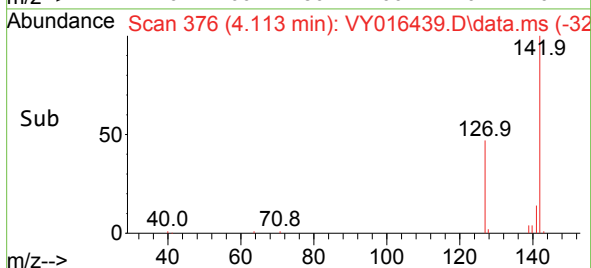
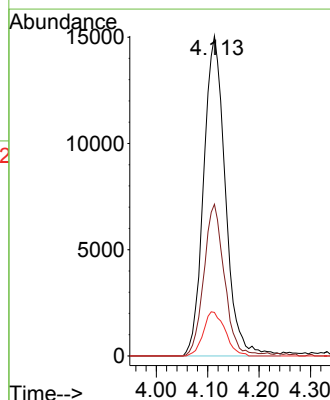
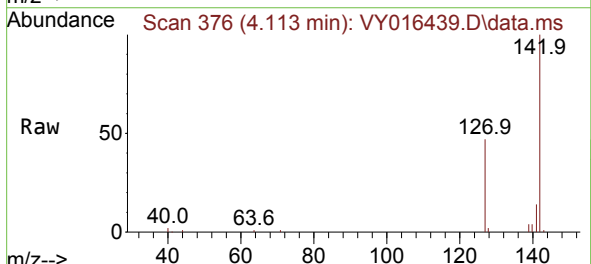
Instrument :
MSVOA_Y
ClientSampleId :

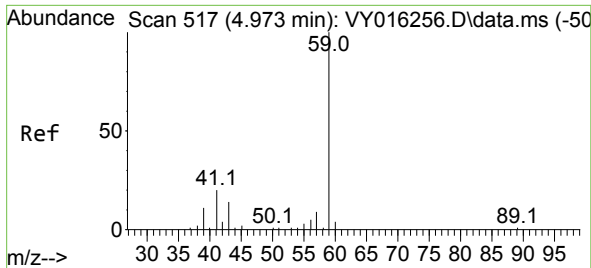
Tgt Ion:101 Resp: 37590
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 24.441 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion:142 Resp: 44210
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 13.9 11.8 17.8

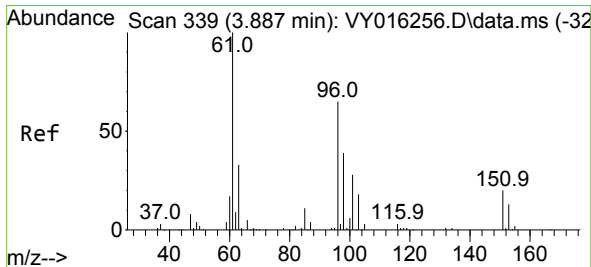
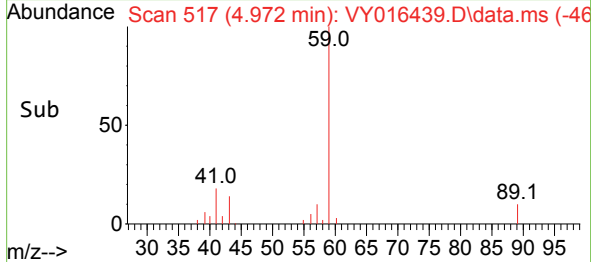
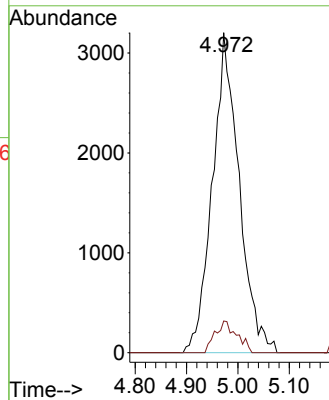
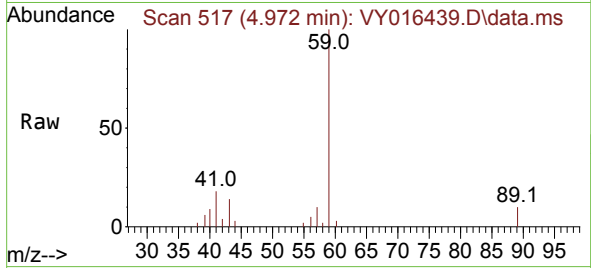




#11
Tert butyl alcohol
Concen: 104.218 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

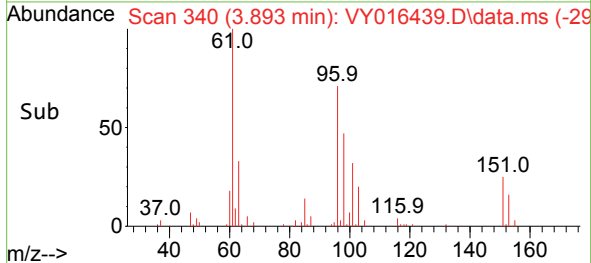
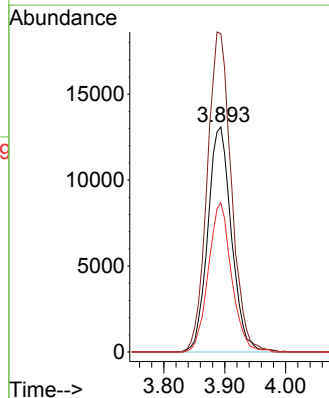
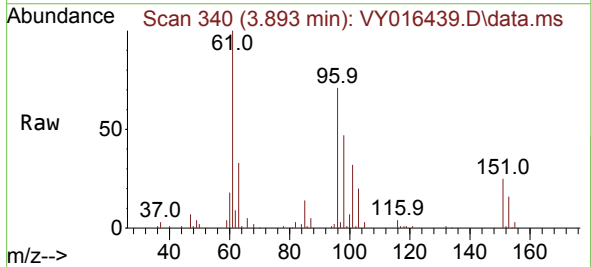
Instrument :
MSVOA_Y
ClientSampleId :

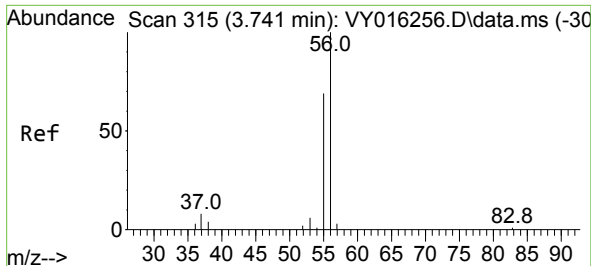
Tgt Ion: 59 Resp: 11561
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.541 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

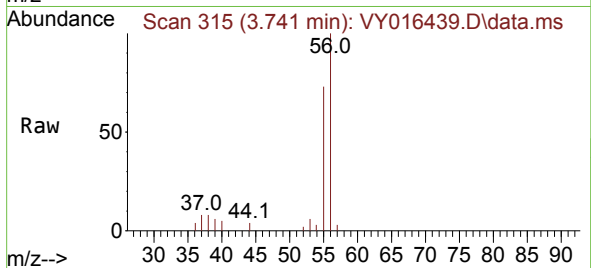
Tgt Ion: 96 Resp: 35305
Ion Ratio Lower Upper
96 100
61 141.5 136.4 204.6
98 66.4 49.4 74.2



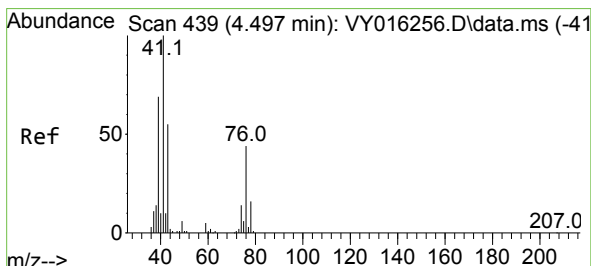
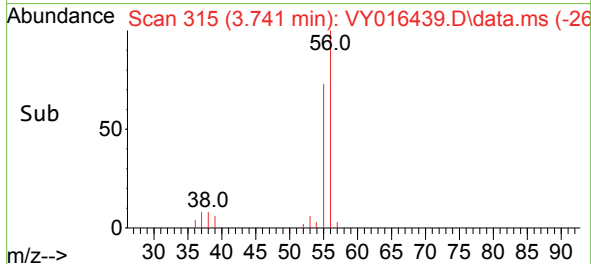
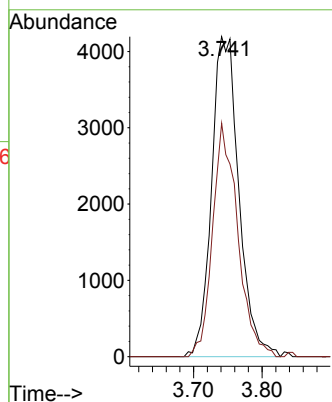


#13
Acrolein
Concen: 86.493 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :

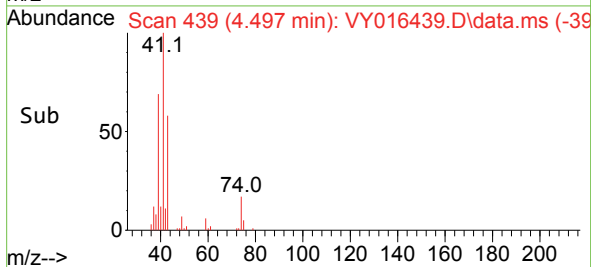
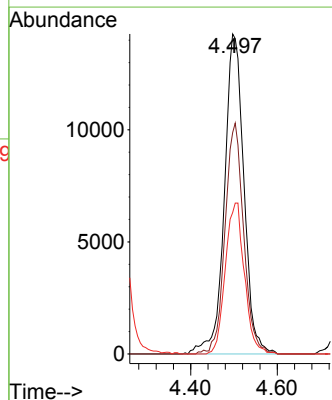
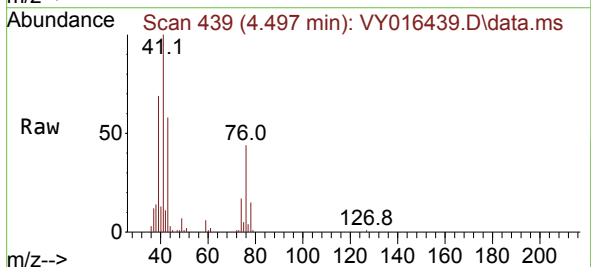


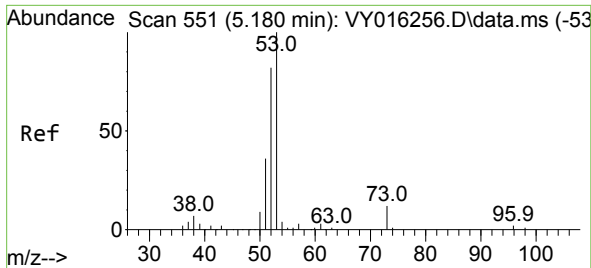
Tgt Ion: 56 Resp: 11573
Ion Ratio Lower Upper
56 100
55 67.3 57.0 85.4



#14
Allyl chloride
Concen: 20.156 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

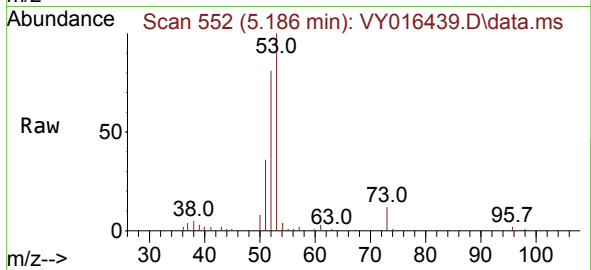
Tgt Ion: 41 Resp: 44800
Ion Ratio Lower Upper
41 100
39 69.0 58.0 87.0
76 46.2 27.4 41.2#



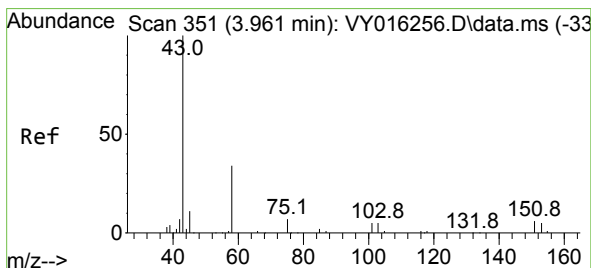
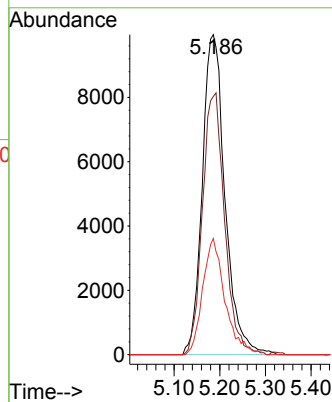
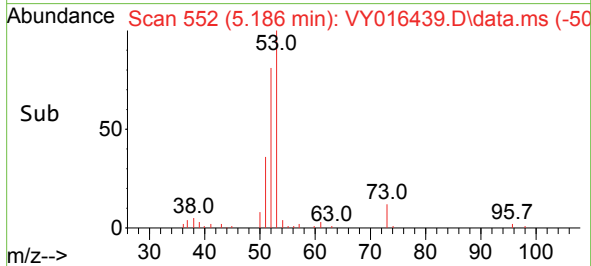


#15
Acrylonitrile
Concen: 104.299 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :

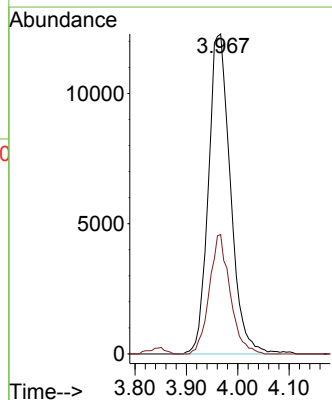
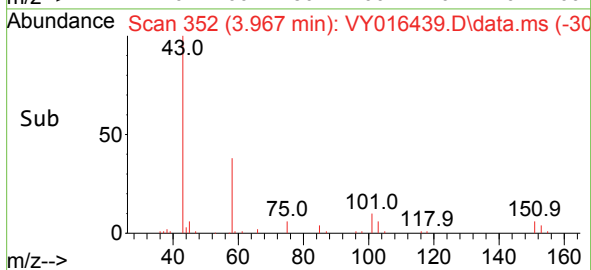
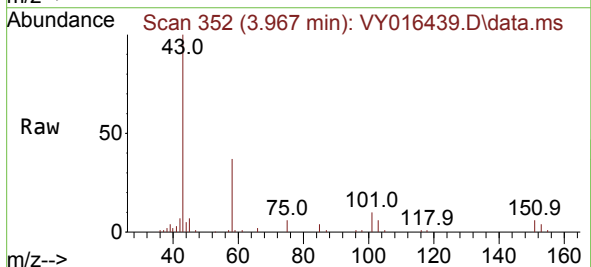


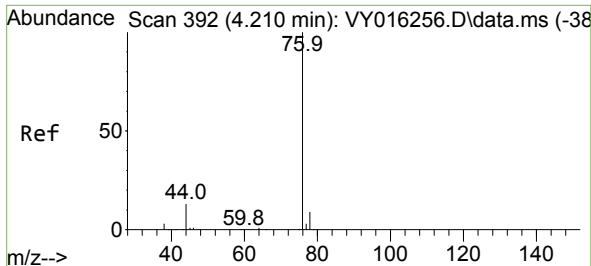
Tgt Ion: 53 Resp: 34399
Ion Ratio Lower Upper
53 100
52 79.6 66.9 100.3
51 35.8 29.8 44.6



#16
Acetone
Concen: 156.297 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 43 Resp: 36624
Ion Ratio Lower Upper
43 100
58 37.3 22.7 34.1#





#17

Carbon Disulfide

Concen: 22.972 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

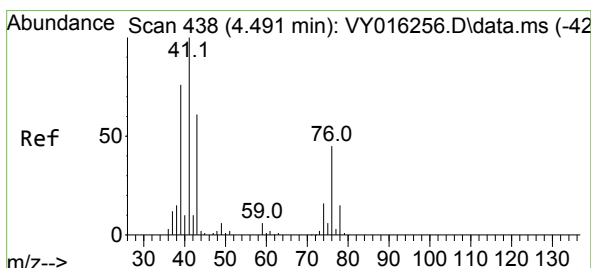
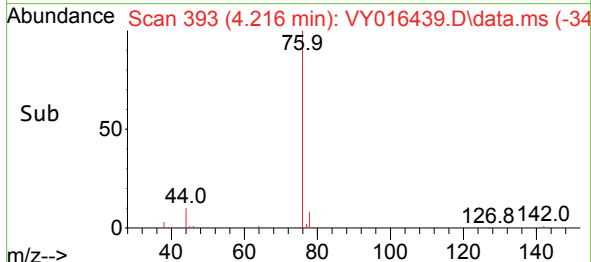
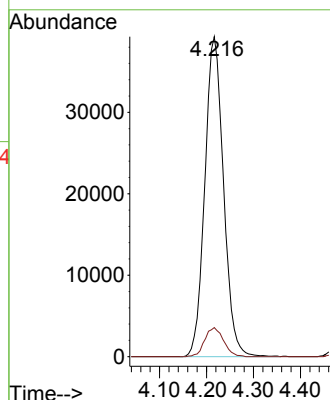
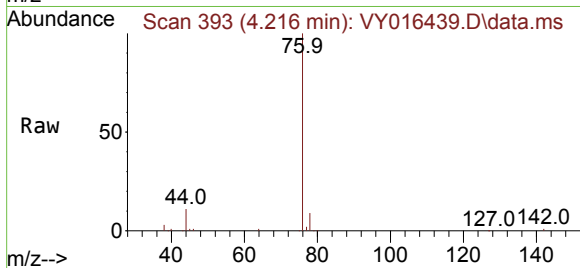
ClientSampleId :

Tgt Ion: 76 Resp: 108564

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 19.596 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016439.D

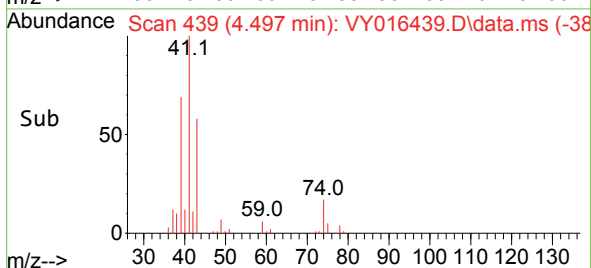
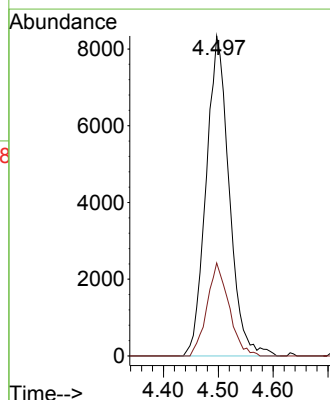
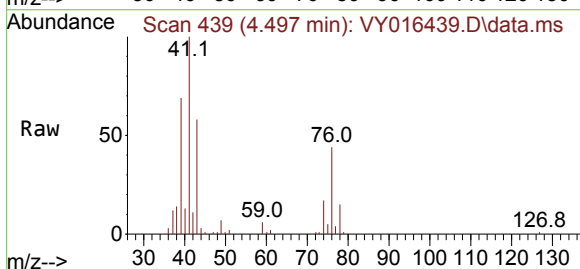
Acq: 21 Nov 2023 15:42

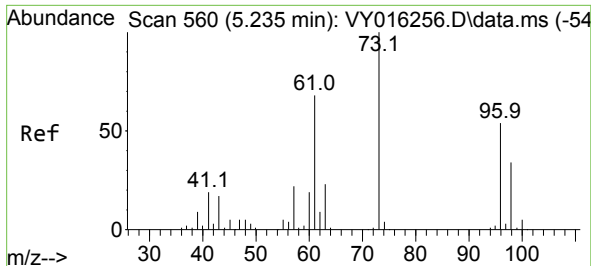
Tgt Ion: 43 Resp: 24400

Ion Ratio Lower Upper

43 100

74 27.6 17.4 26.0#

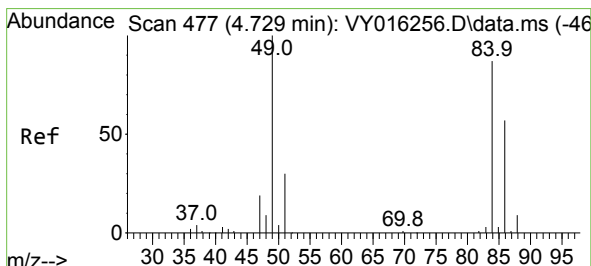
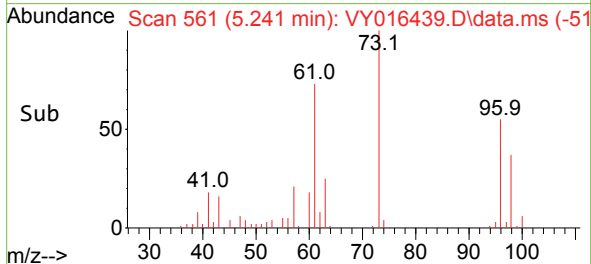
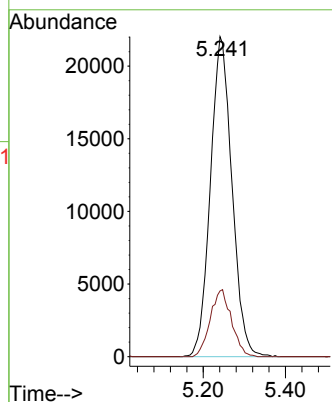
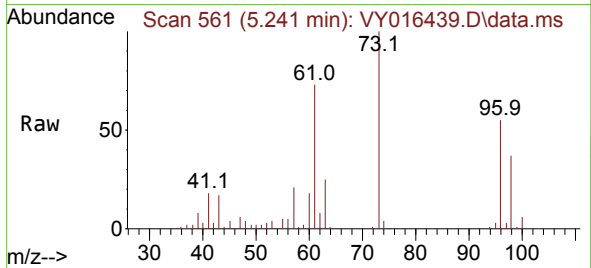




#19
Methyl tert-butyl Ether
Concen: 21.134 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

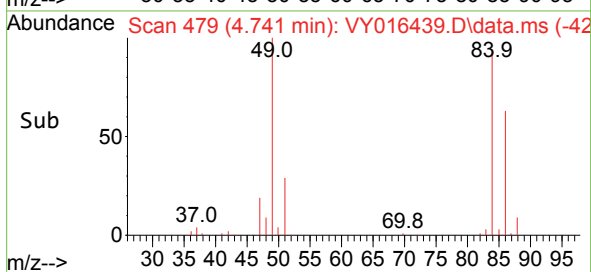
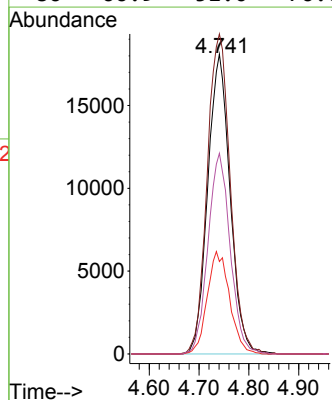
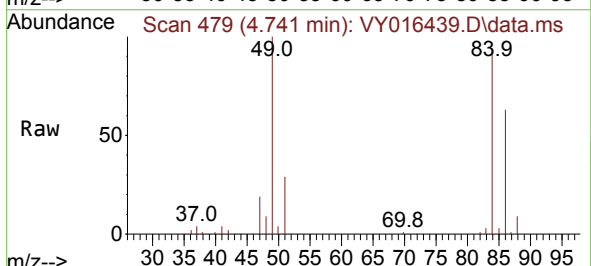
Instrument :
MSVOA_Y
ClientSampleId :

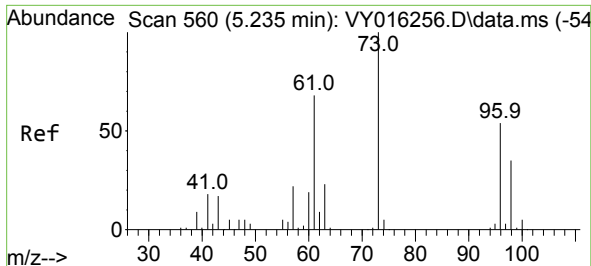
Tgt Ion: 73 Resp: 80118
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 32.861 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 84 Resp: 56371
Ion Ratio Lower Upper
84 100
49 106.7 106.9 160.3#
51 30.8 33.2 49.8#
86 66.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 22.384 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

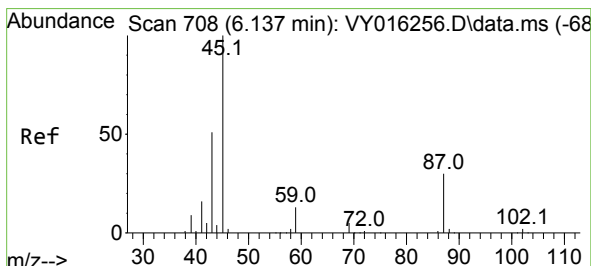
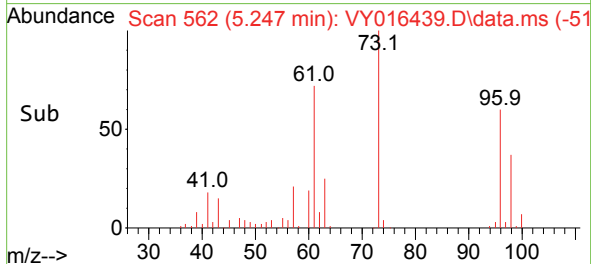
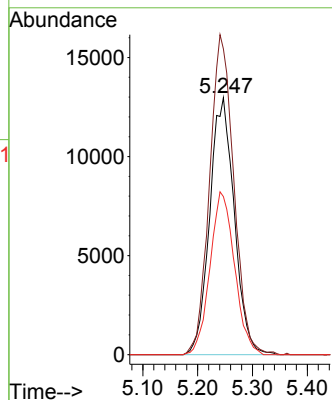
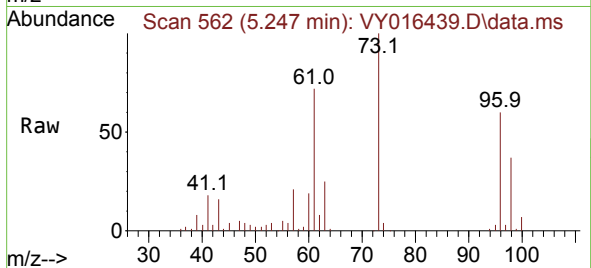
Tgt Ion: 96 Resp: 40368

Ion Ratio Lower Upper

96 100

61 119.0 110.2 165.4

98 61.5 51.8 77.6



#22

Diisopropyl ether

Concen: 19.988 ug/l

RT: 6.137 min Scan# 708

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Tgt Ion: 45 Resp: 95744

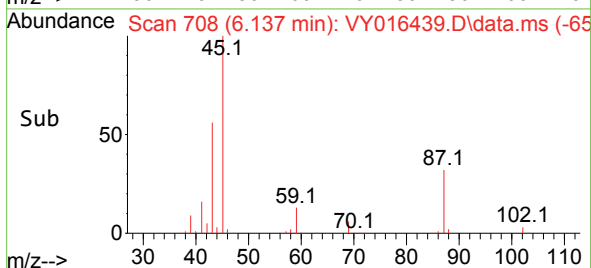
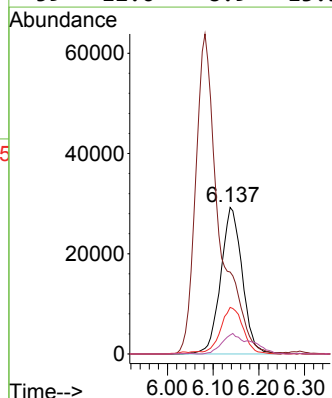
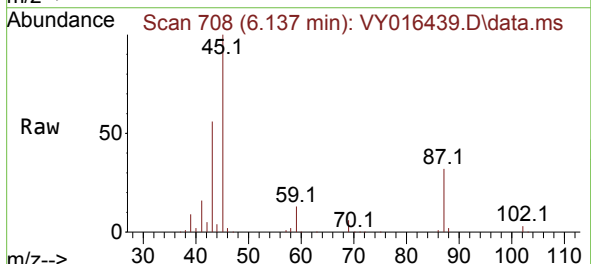
Ion Ratio Lower Upper

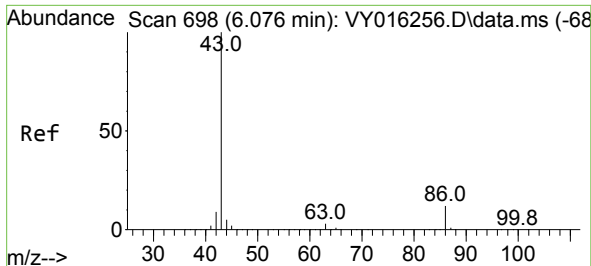
45 100

43 54.9 52.2 78.4

87 31.8 21.0 31.6#

59 12.6 8.9 13.3

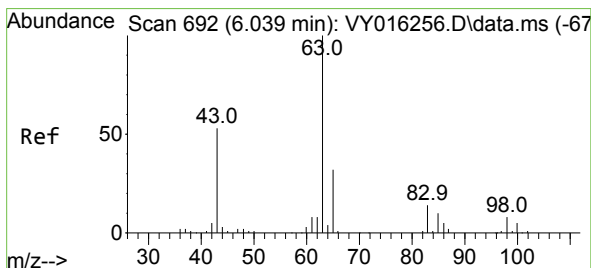
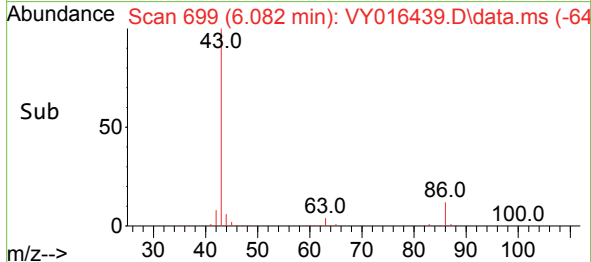
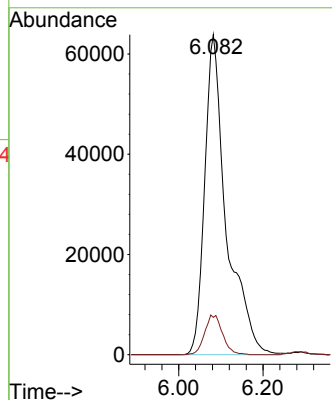
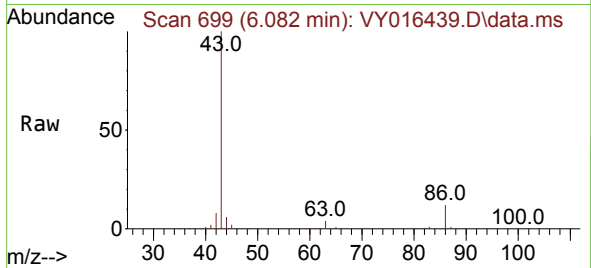




#23
 Vinyl Acetate
 Concen: 98.199 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016439.D
 Acq: 21 Nov 2023 15:42

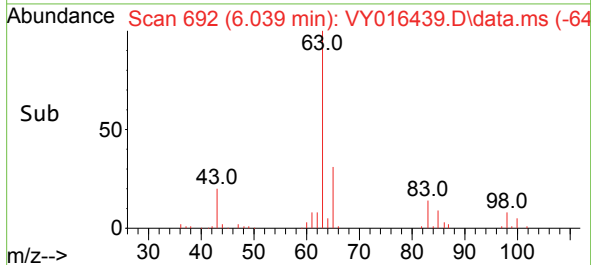
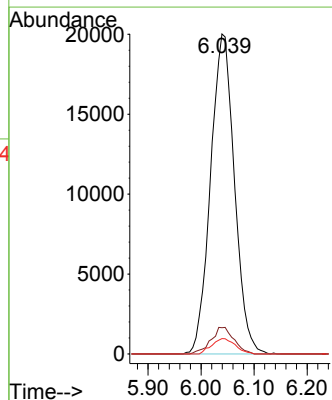
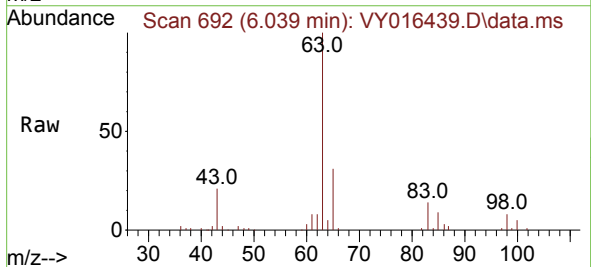
Instrument :
 MSVOA_Y
 ClientSampleId :

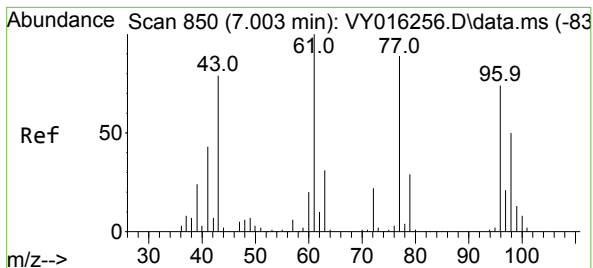
Tgt Ion: 43 Resp: 227923
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 21.192 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016439.D
 Acq: 21 Nov 2023 15:42

Tgt Ion: 63 Resp: 62626
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 130.225 ug/l

RT: 7.003 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

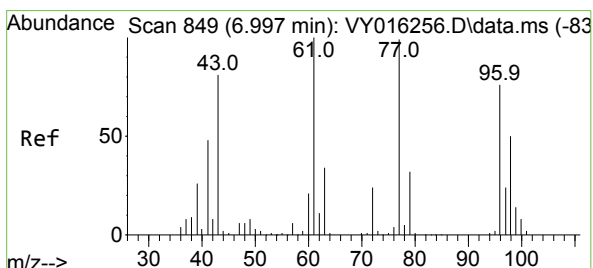
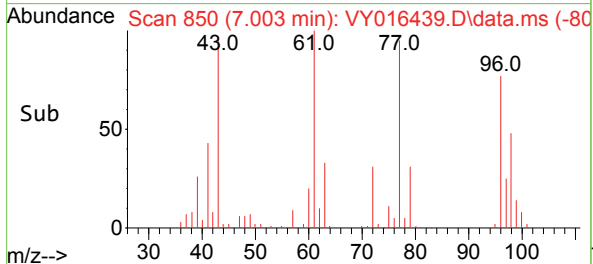
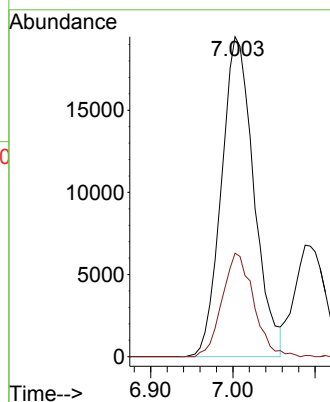
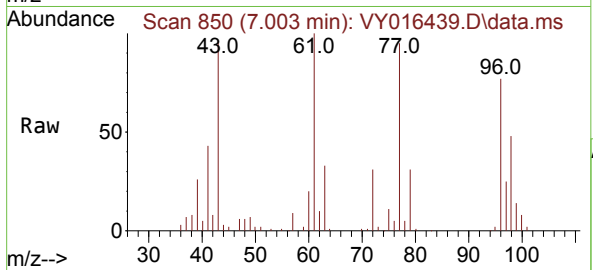
ClientSampleId :

Tgt Ion: 43 Resp: 53448

Ion Ratio Lower Upper

43 100

72 32.3 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 22.236 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016439.D

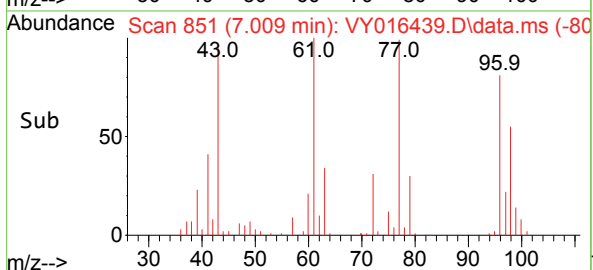
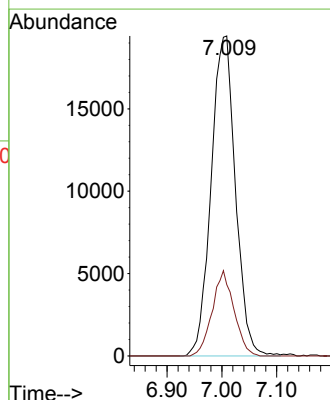
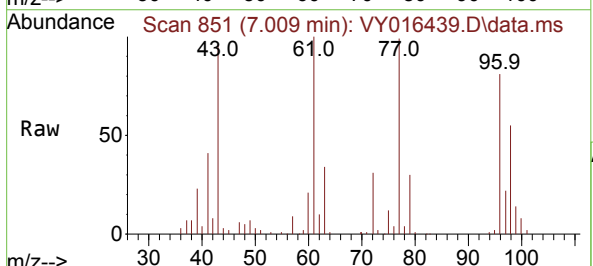
Acq: 21 Nov 2023 15:42

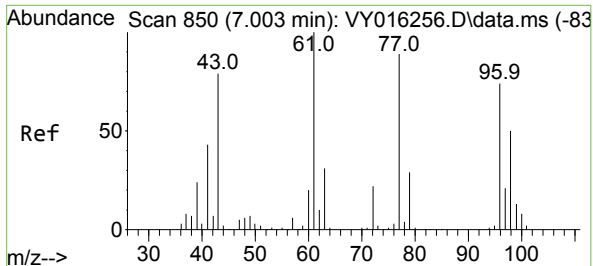
Tgt Ion: 77 Resp: 59805

Ion Ratio Lower Upper

77 100

97 23.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.420 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

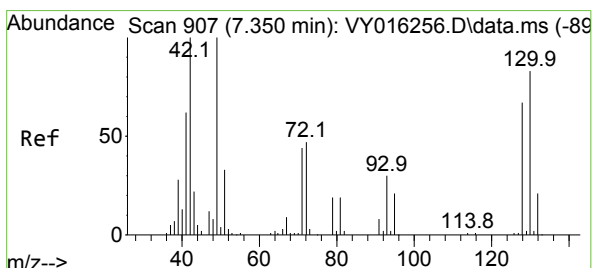
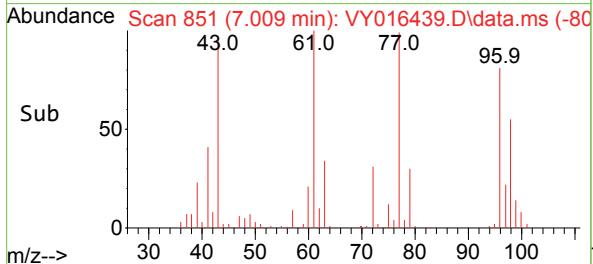
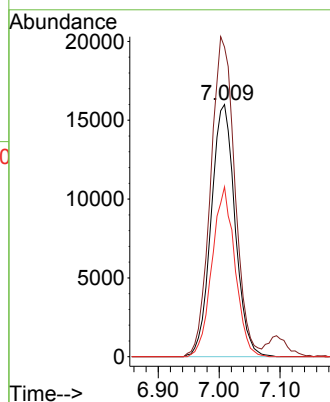
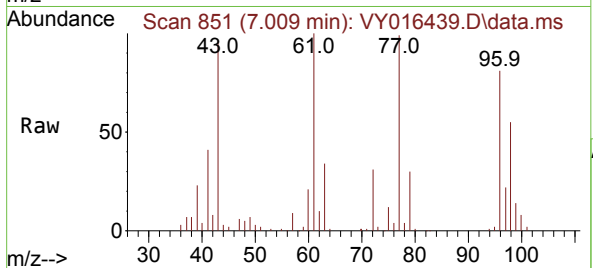
Tgt Ion: 96 Resp: 43573

Ion Ratio Lower Upper

96 100

61 129.0 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 20.352 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

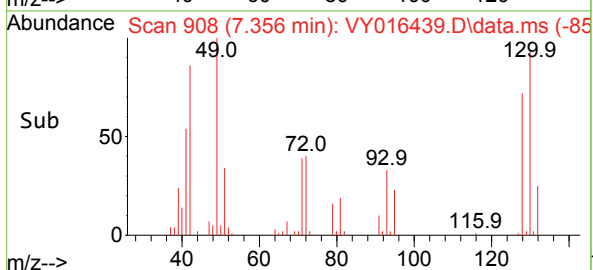
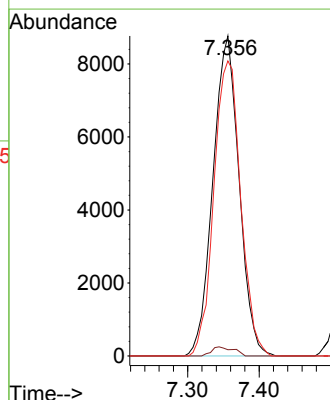
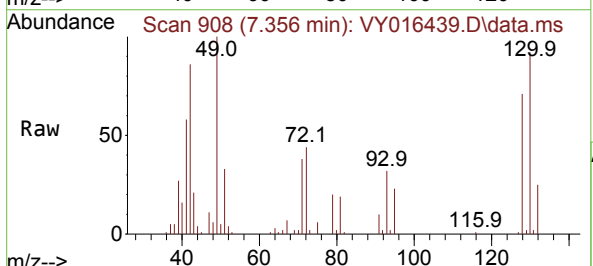
Tgt Ion: 49 Resp: 22259

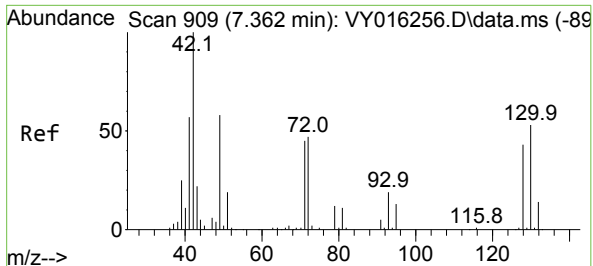
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 94.6 60.7 91.1#





#29

Tetrahydrofuran

Concen: 94.057 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016439.D

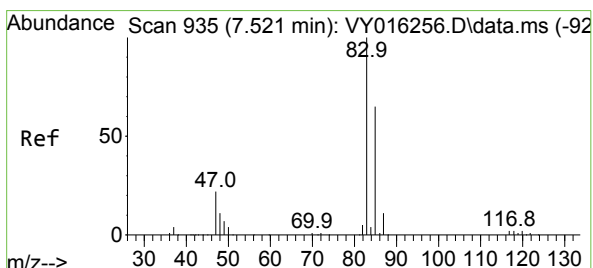
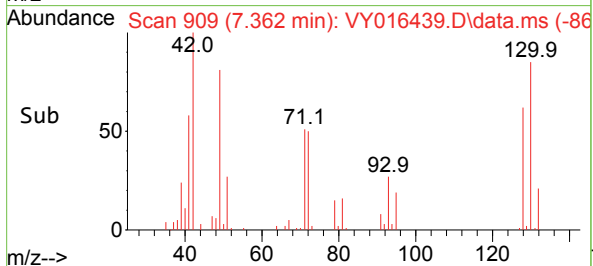
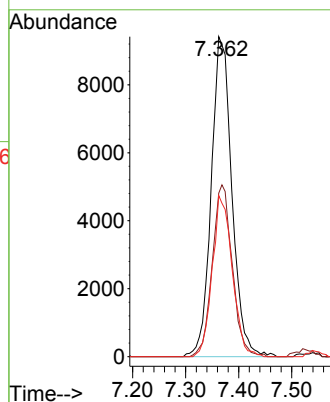
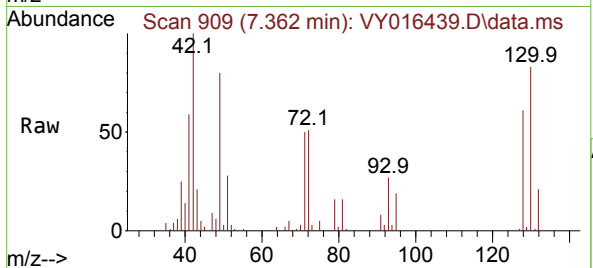
Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	25516
Ion	Ratio	Lower	Upper
42	100		
72	52.0	32.8	49.2#
71	48.5	31.0	46.4#



#30

Chloroform

Concen: 22.004 ug/l

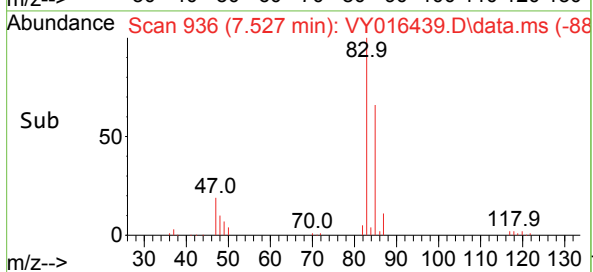
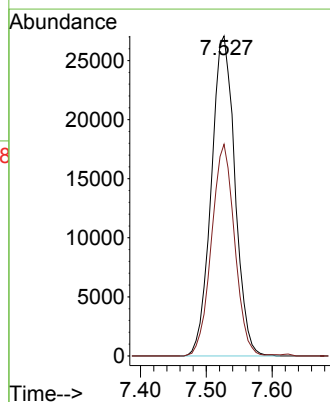
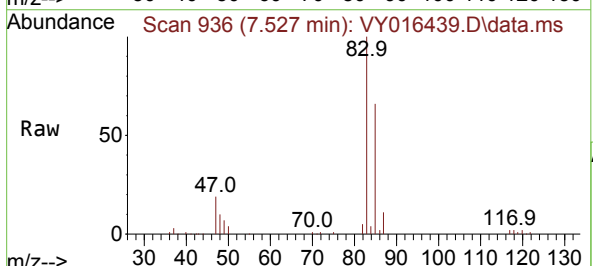
RT: 7.527 min Scan# 936

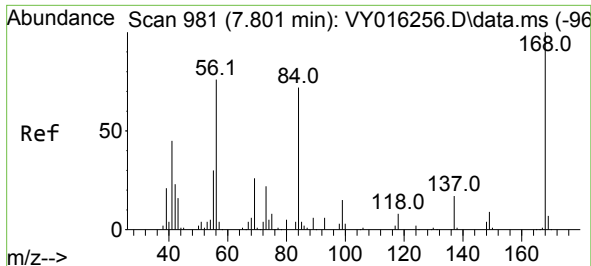
Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Tgt Ion:	83	Resp:	67683
Ion	Ratio	Lower	Upper
83	100		
85	66.1	49.7	74.5

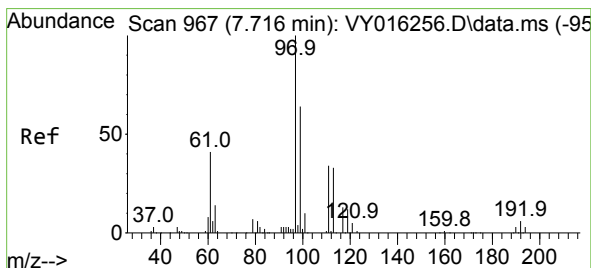
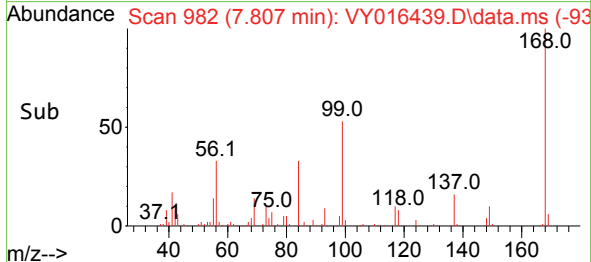
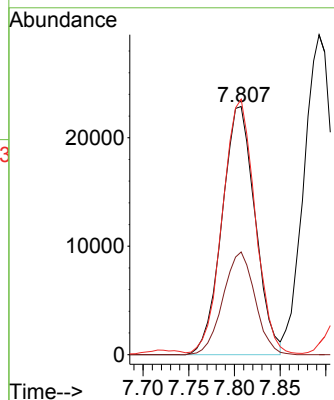
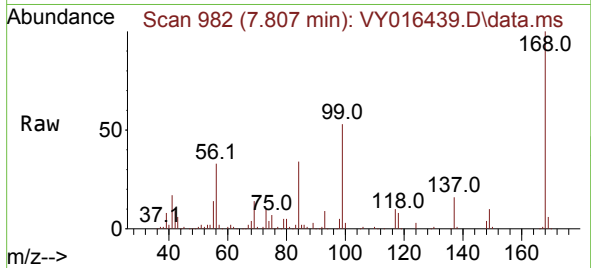




#31
Cyclohexane
Concen: 20.711 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

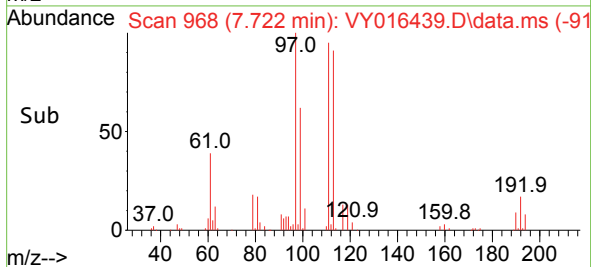
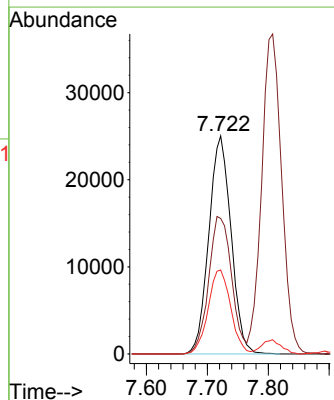
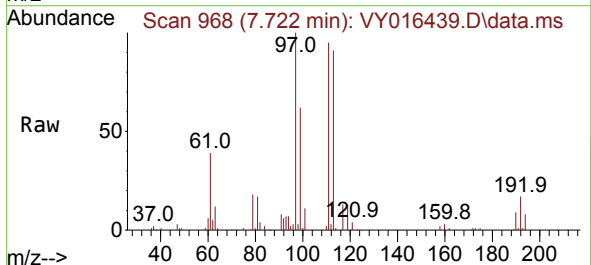
Instrument :
MSVOA_Y
ClientSampleId :

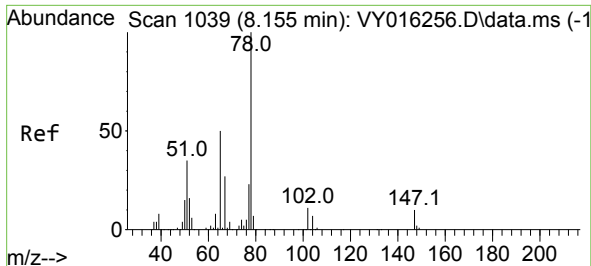
Tgt Ion: 56 Resp: 57763
Ion Ratio Lower Upper
56 100
69 41.4 27.8 41.6
84 101.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 22.468 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 97 Resp: 63352
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 39.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.231 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

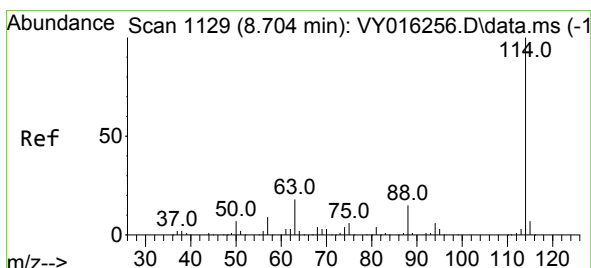
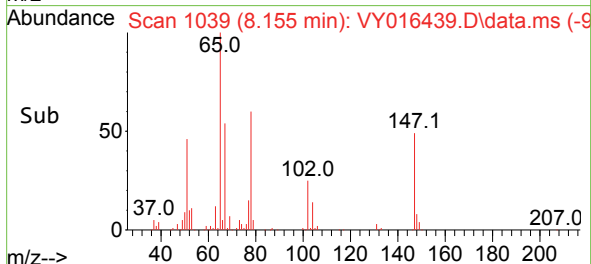
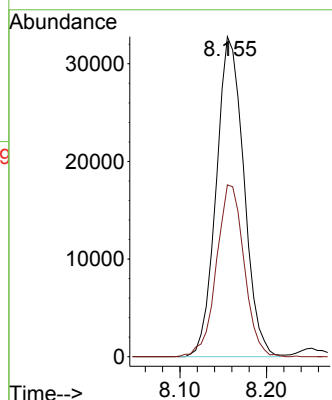
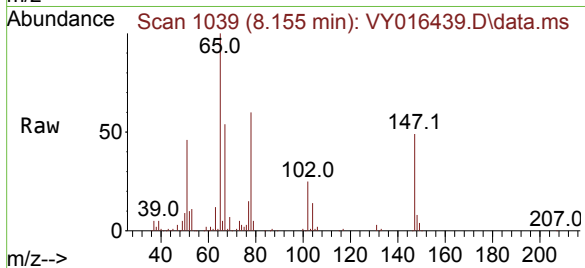
ClientSampleId :

Tgt Ion: 65 Resp: 72574

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

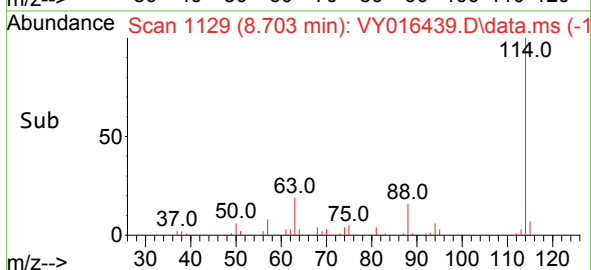
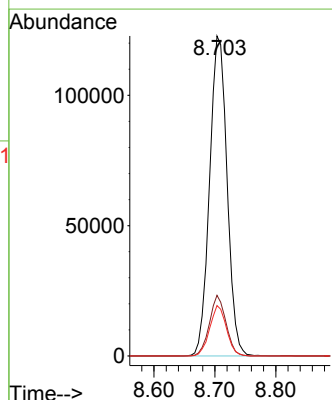
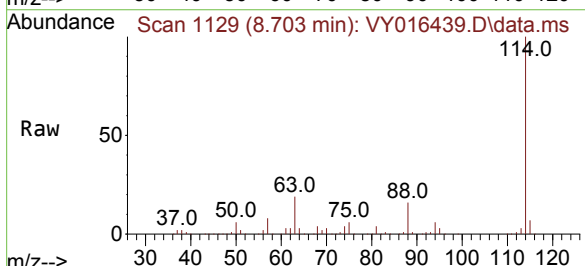
Tgt Ion: 114 Resp: 244888

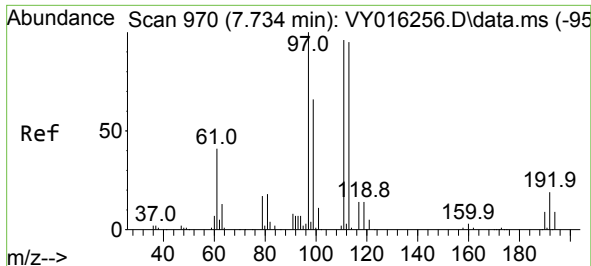
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

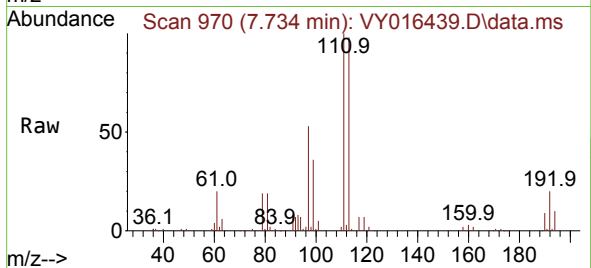
88 15.7 0.0 30.6



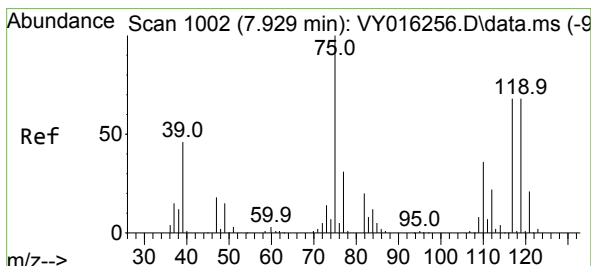
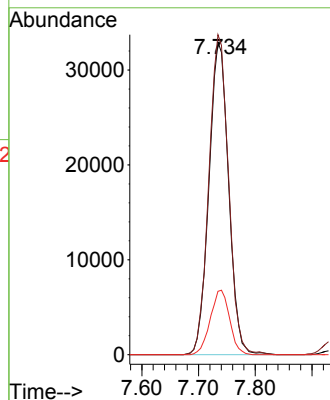
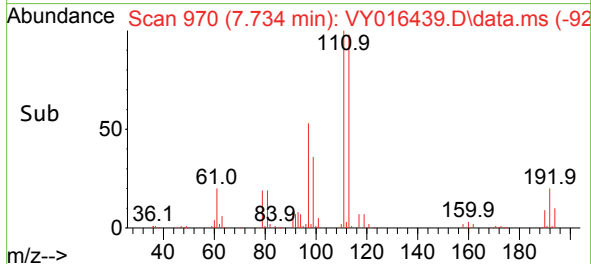


#35
Dibromofluoromethane
Concen: 56.972 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

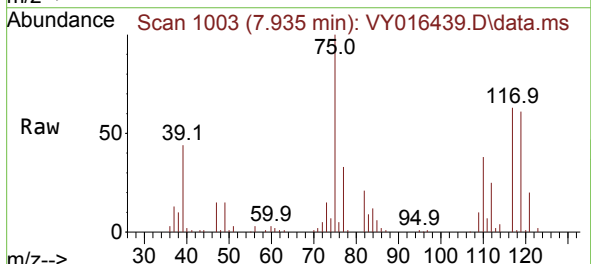
Instrument :
MSVOA_Y
ClientSampleId :



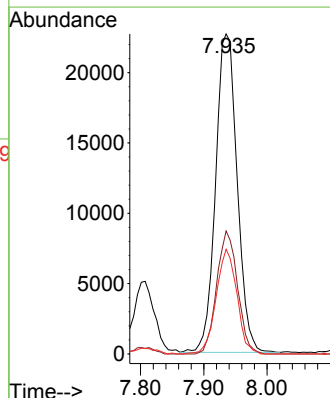
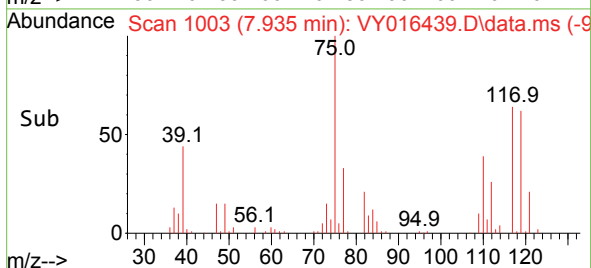
Tgt Ion:113 Resp: 79255
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.3 16.9 25.3

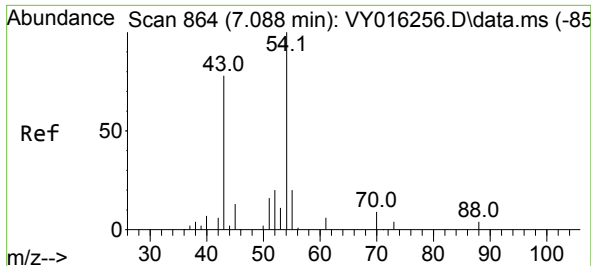


#36
1,1-Dichloropropene
Concen: 22.145 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42



Tgt Ion: 75 Resp: 53492
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 19.033 ug/l

RT: 7.088 min Scan# 8

Delta R.T. -0.000 min

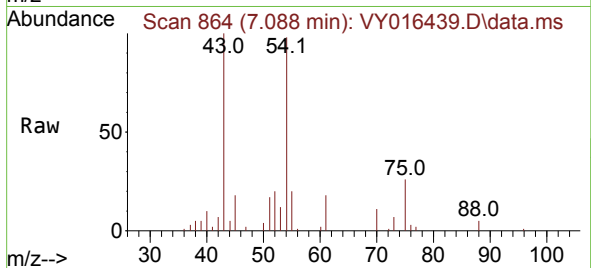
Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

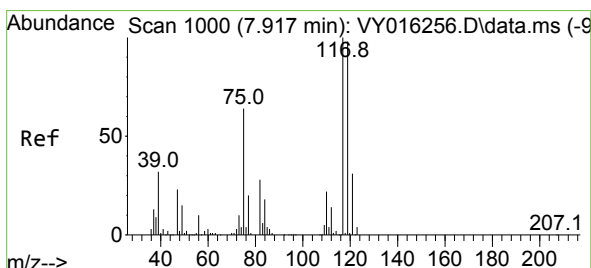
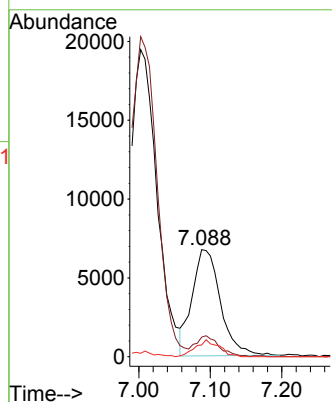
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp:	18576
Ion	Ratio	Lower Upper
43	100	
61	16.1	10.1 15.1#
70	13.2	7.1 10.7#



#38

Carbon Tetrachloride

Concen: 23.665 ug/l

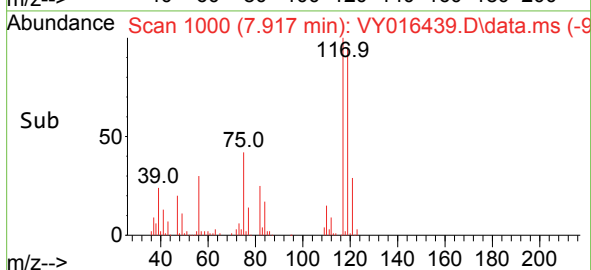
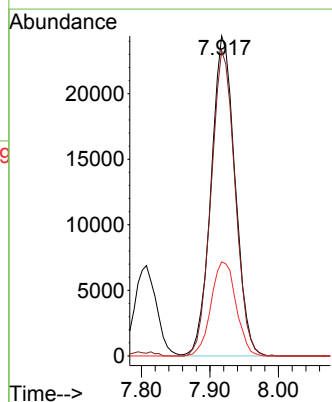
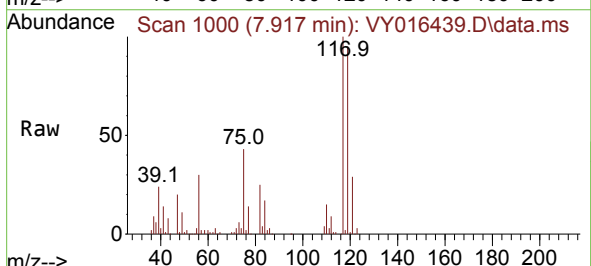
RT: 7.917 min Scan# 1000

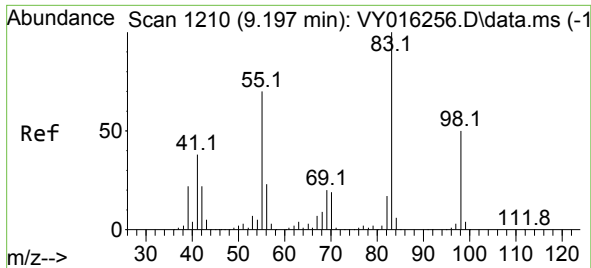
Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Tgt Ion: 117	Resp:	59328
Ion	Ratio	Lower Upper
117	100	
119	95.4	76.4 114.6
121	29.4	25.8 38.6

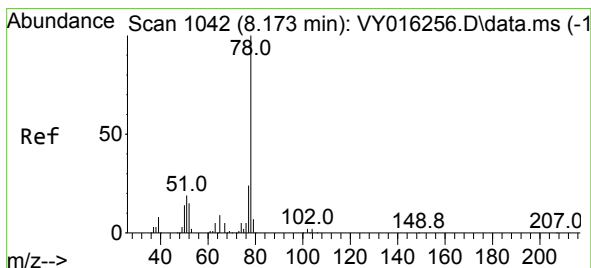
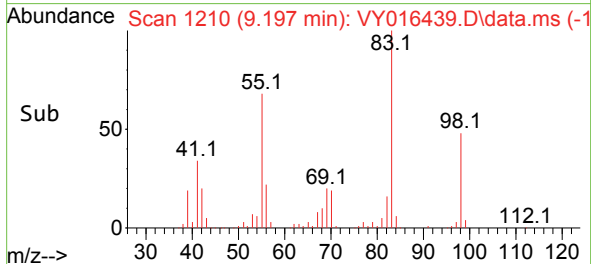
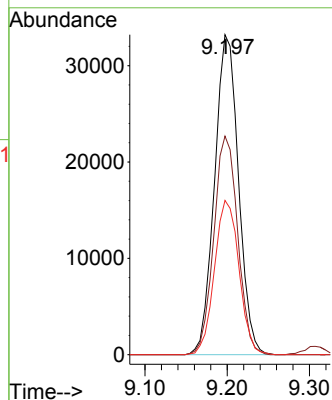
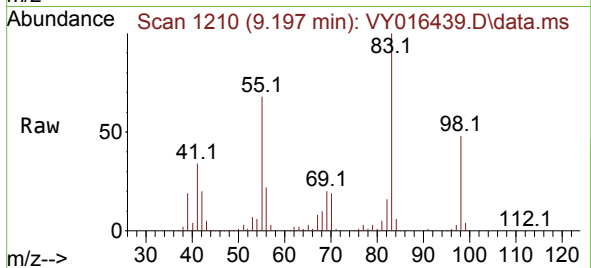




#39
Methylcyclohexane
Concen: 22.381 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

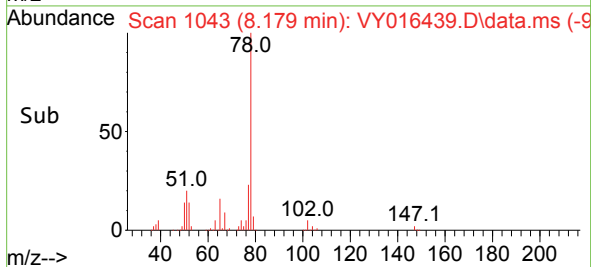
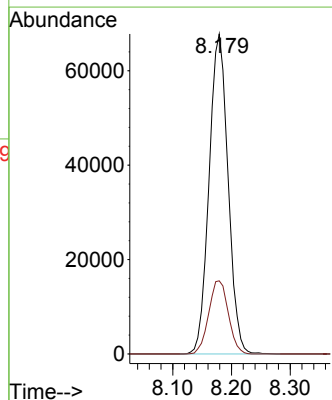
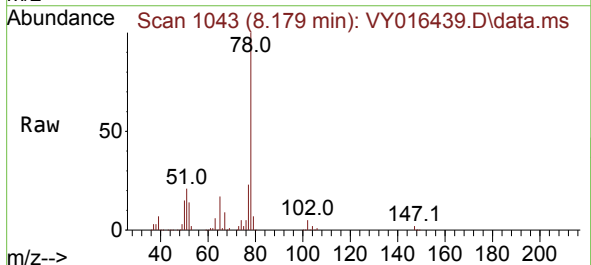
Instrument :
MSVOA_Y
ClientSampleId :

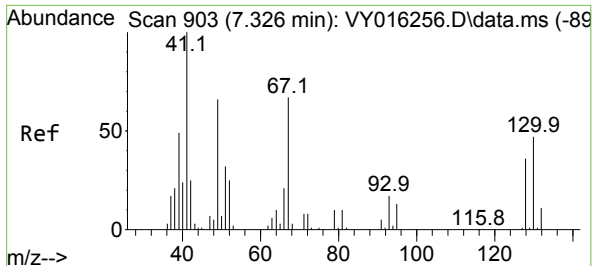
Tgt Ion: 83 Resp: 67365
Ion Ratio Lower Upper
83 100
55 68.3 63.0 94.4
98 48.2 37.4 56.2



#40
Benzene
Concen: 22.372 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 78 Resp: 151832
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6

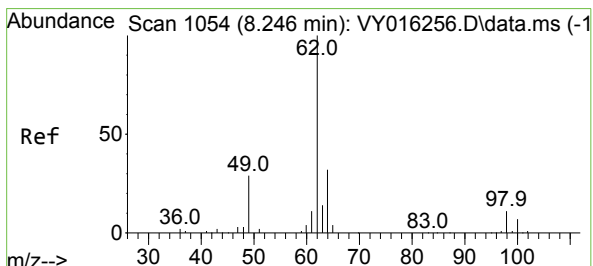
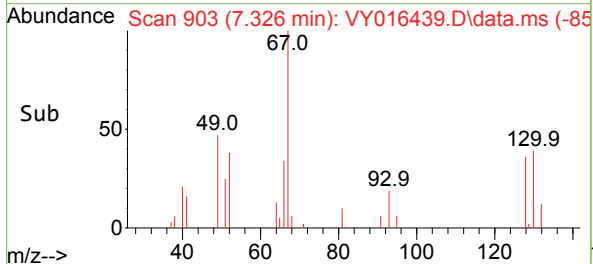
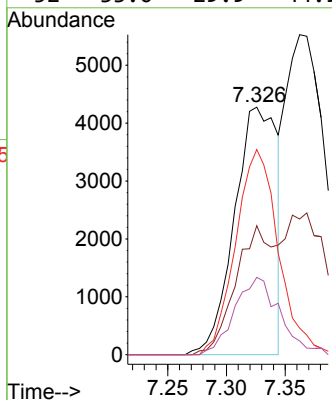
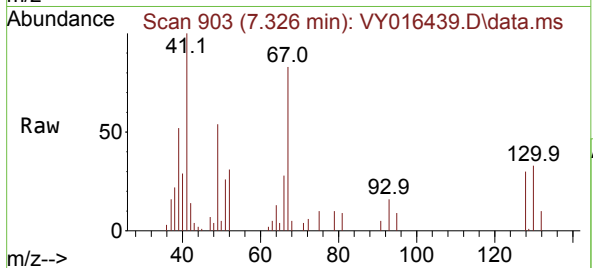




#41
Methacrylonitrile
Concen: 21.946 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

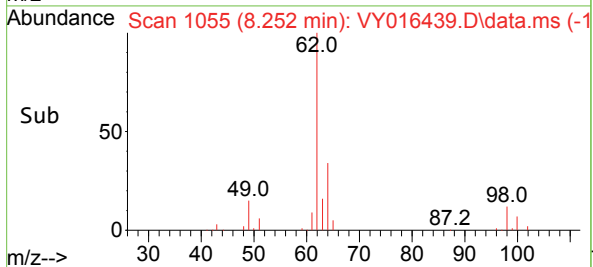
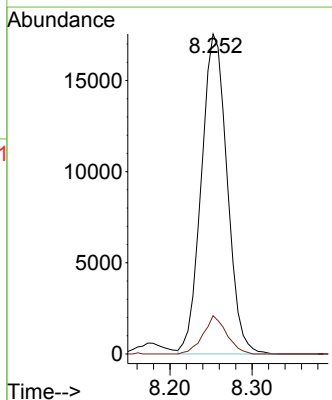
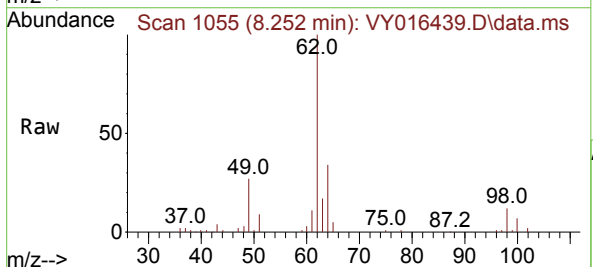
Instrument :
MSVOA_Y
ClientSampleId :

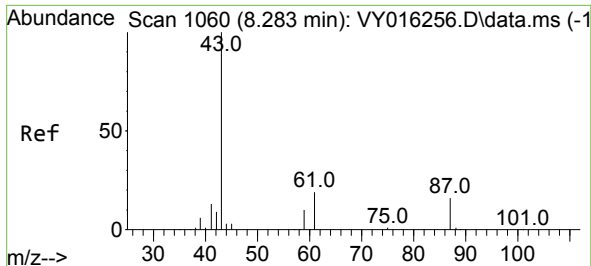
Tgt Ion: 41 Resp: 10800
Ion Ratio Lower Upper
41 100
39 42.6 52.1 78.1#
67 83.0 66.2 99.2
52 33.0 29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.741 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 62 Resp: 38230
Ion Ratio Lower Upper
62 100
98 10.9 0.0 15.8

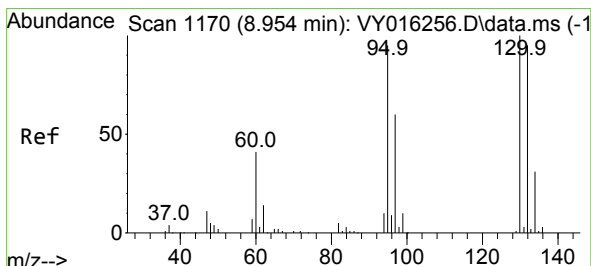
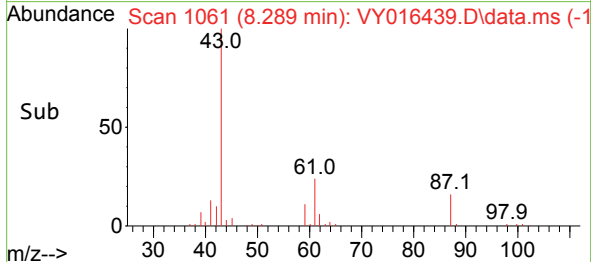
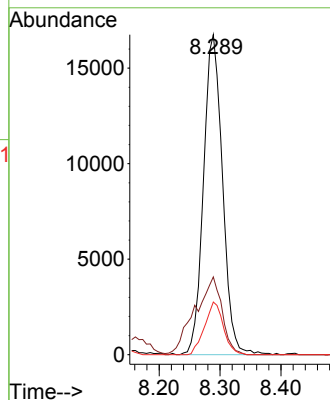
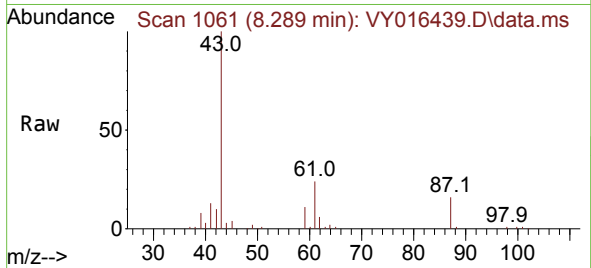




#43
Isopropyl Acetate
Concen: 19.267 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

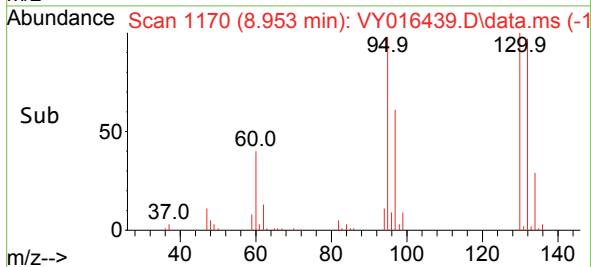
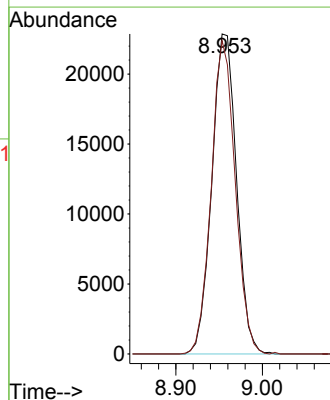
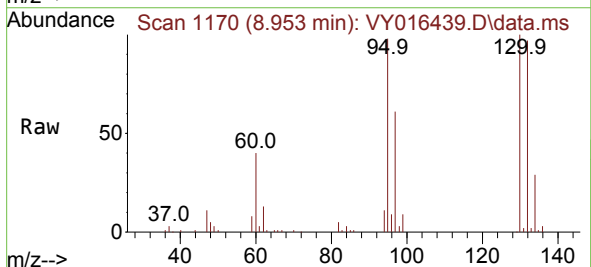
Instrument :
MSVOA_Y
ClientSampleId :

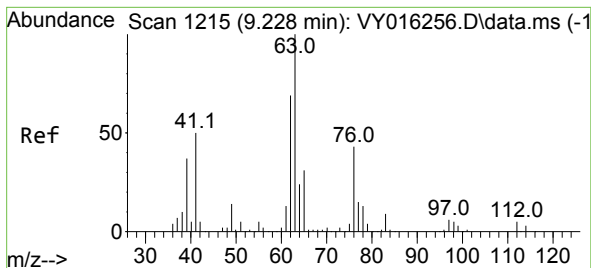
Tgt Ion: 43 Resp: 36349
Ion Ratio Lower Upper
43 100
61 34.7 21.1 31.7#
87 16.2 9.8 14.8#



#44
Trichloroethene
Concen: 23.186 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion:130 Resp: 45224
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.504 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

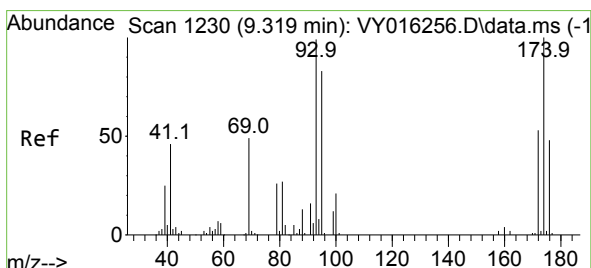
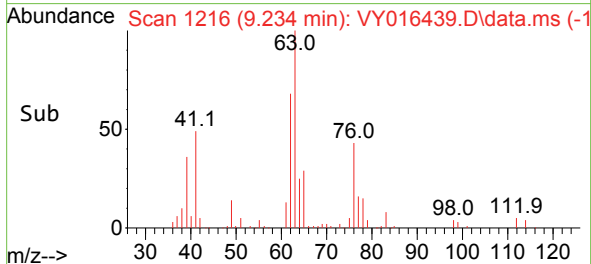
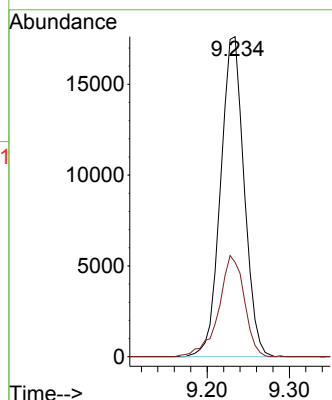
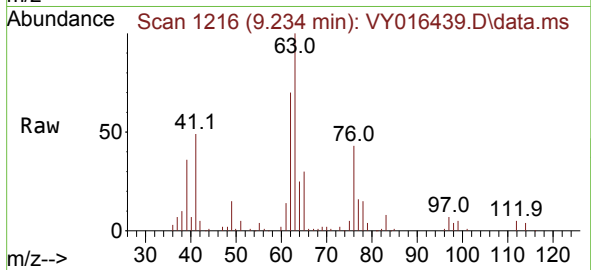
ClientSampleId :

Tgt Ion: 63 Resp: 35049

Ion Ratio Lower Upper

63 100

65 29.2 23.8 35.6



#46

Dibromomethane

Concen: 22.114 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

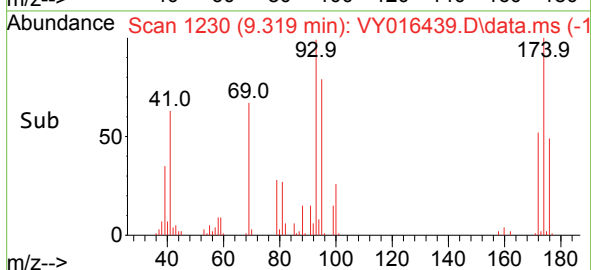
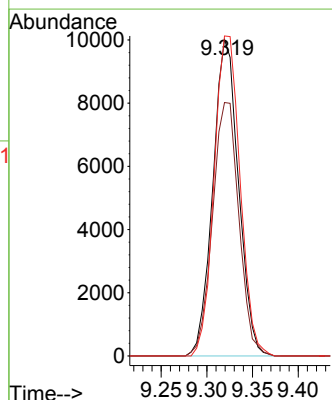
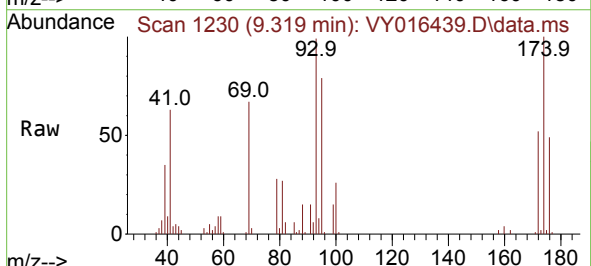
Tgt Ion: 93 Resp: 19532

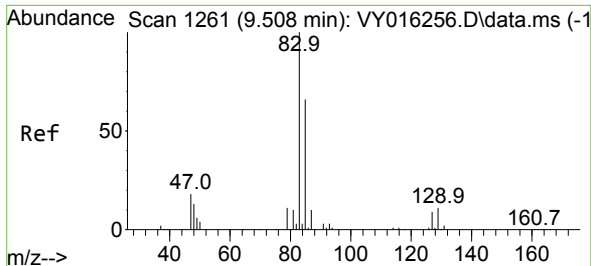
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 102.5 84.8 127.2

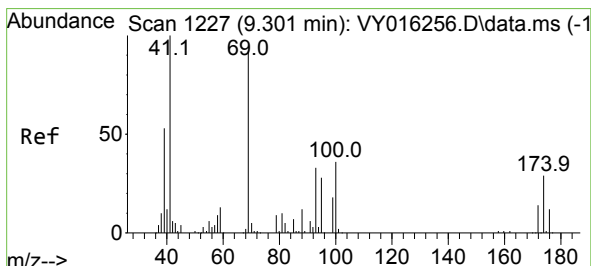
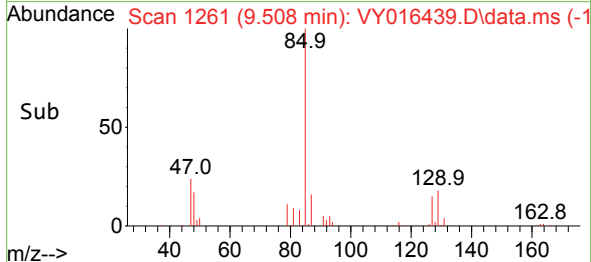
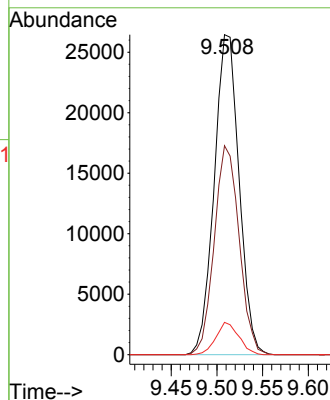
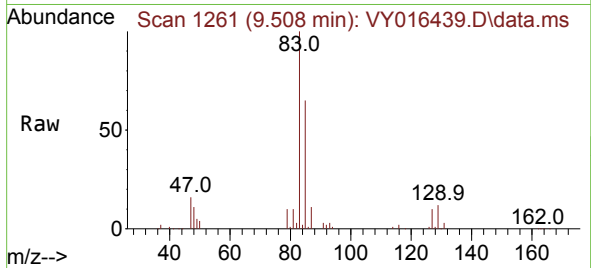




#47
Bromodichloromethane
Concen: 22.054 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

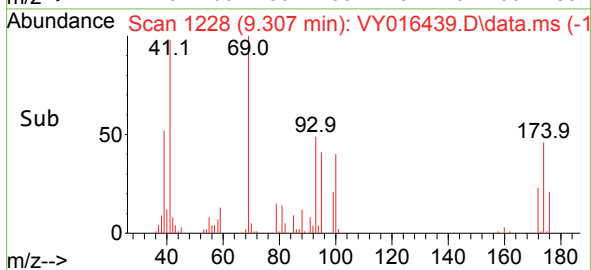
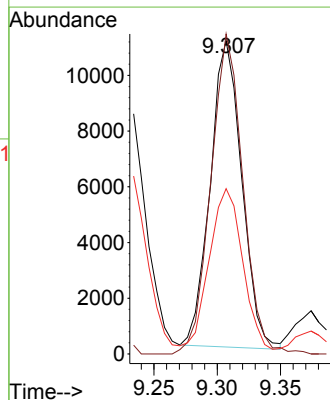
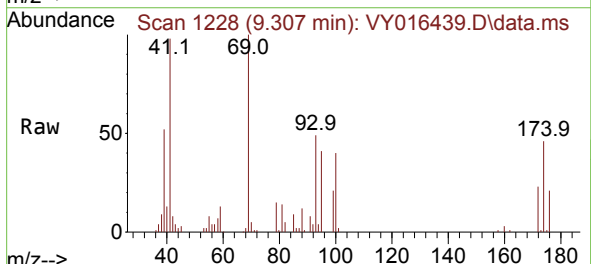
Instrument :
MSVOA_Y
ClientSampleId :

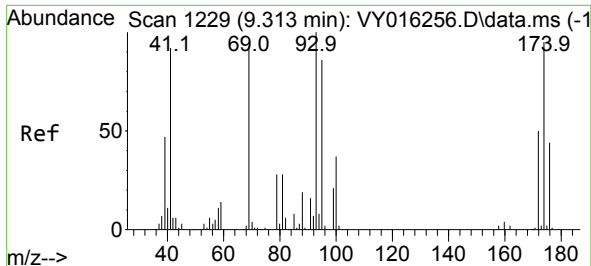
Tgt Ion: 83 Resp: 50078
Ion Ratio Lower Upper
83 100
85 65.3 50.1 75.1
127 10.1 7.1 10.7



#48
Methyl methacrylate
Concen: 18.281 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

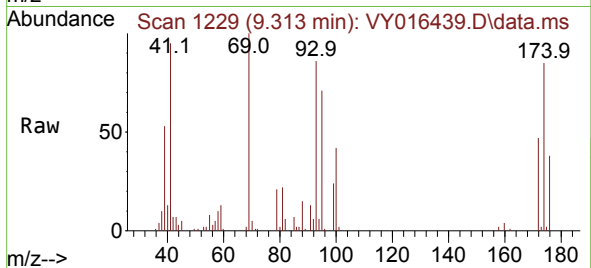
Tgt Ion: 41 Resp: 19061
Ion Ratio Lower Upper
41 100
69 106.3 64.5 96.7#
39 55.1 50.8 76.2



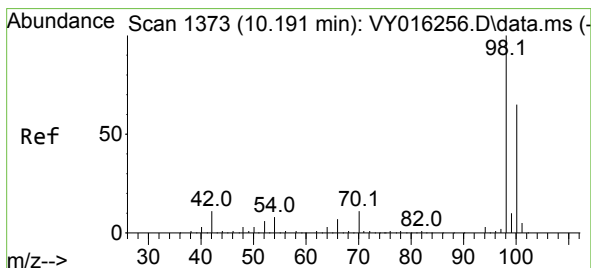
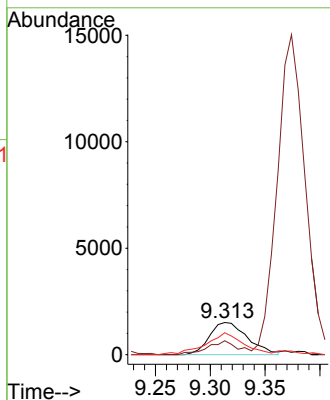
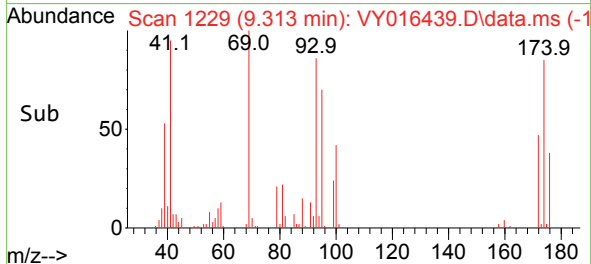


#49
1,4-Dioxane
Concen: 388.729 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :

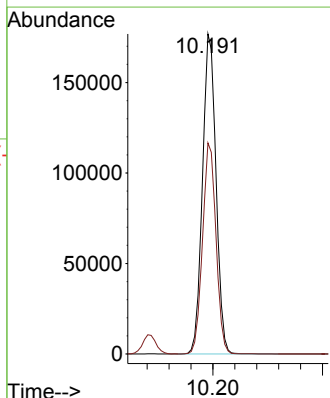
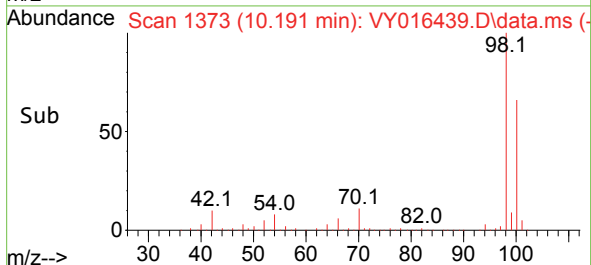
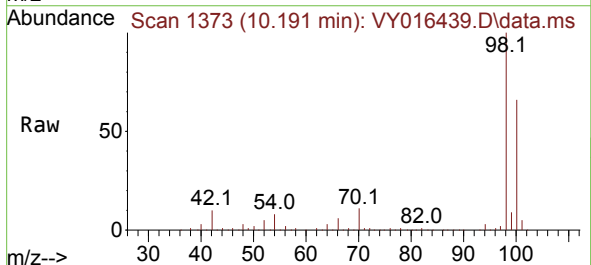


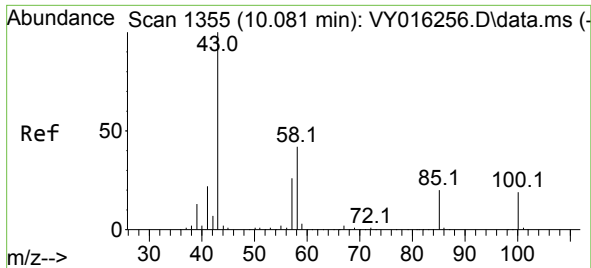
Tgt Ion: 88 Resp: 3645
Ion Ratio Lower Upper
88 100
43 35.0 0.0 0.0#
58 67.3 30.9 46.3#



#50
Toluene-d8
Concen: 53.485 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 98 Resp: 301723
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

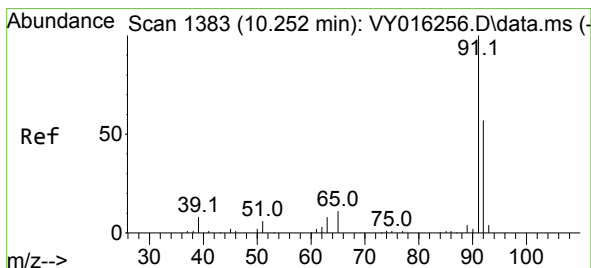
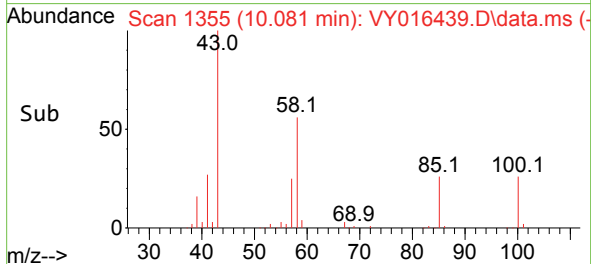
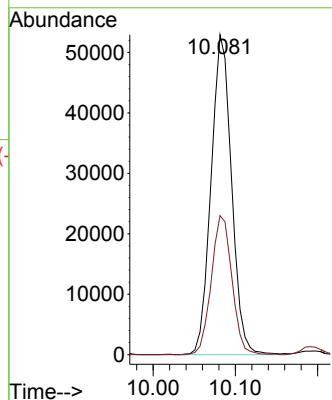
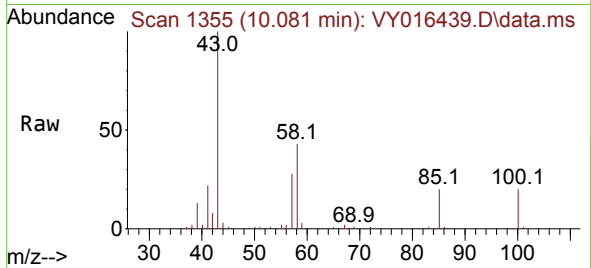




#51
4-Methyl-2-Pentanone
Concen: 96.080 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

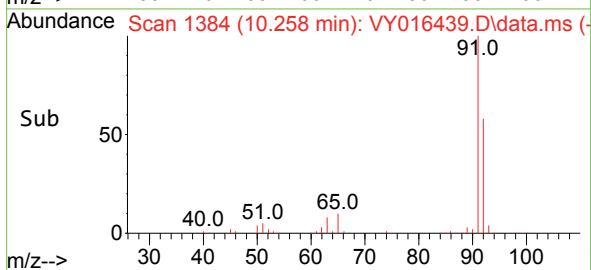
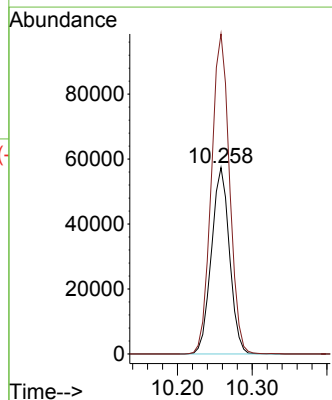
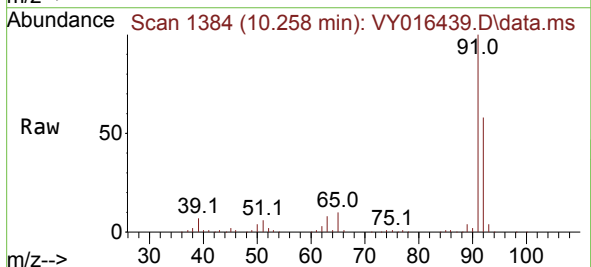
Instrument :
MSVOA_Y
ClientSampleId :

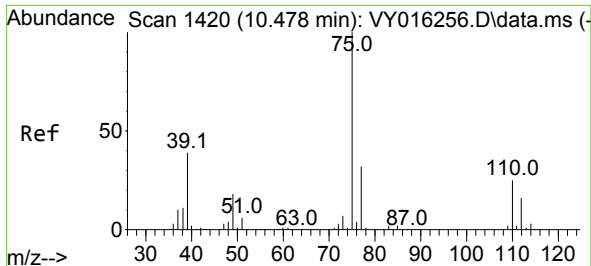
Tgt Ion: 43 Resp: 91661
Ion Ratio Lower Upper
43 100
58 43.8 29.0 43.6#



#52
Toluene
Concen: 22.461 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 92 Resp: 96356
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6

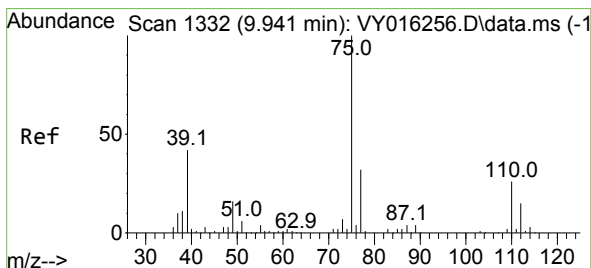
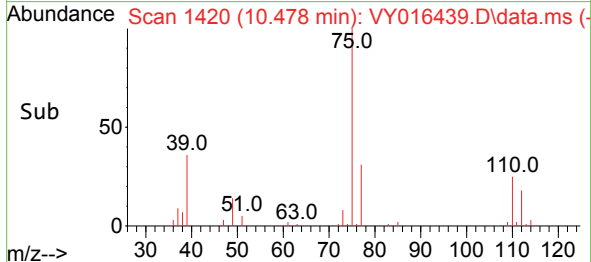
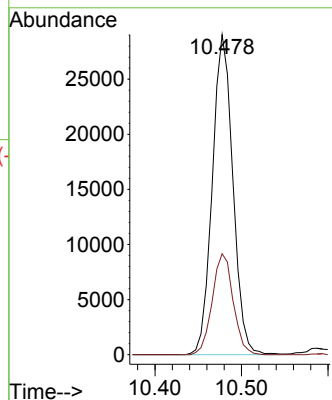
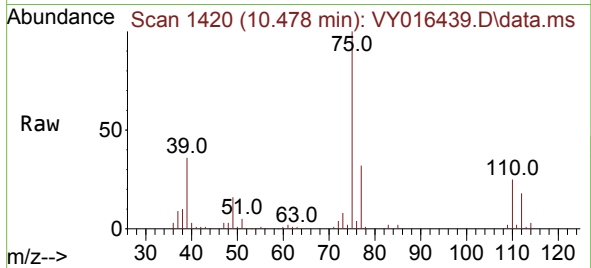




#53
t-1,3-Dichloropropene
Concen: 21.746 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

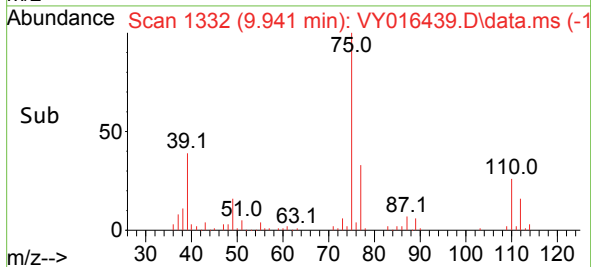
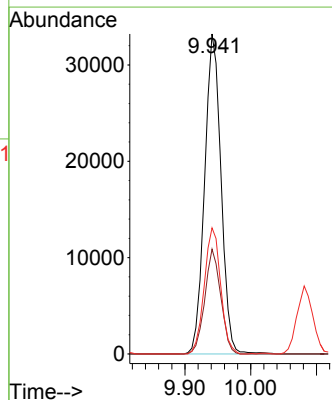
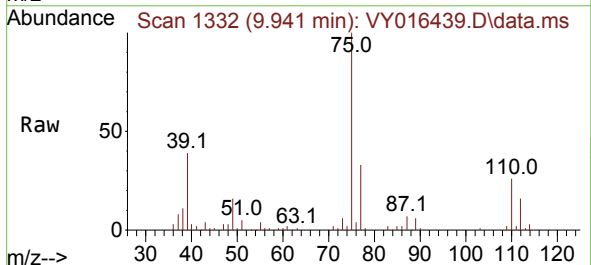
Instrument :
MSVOA_Y
ClientSampleId :

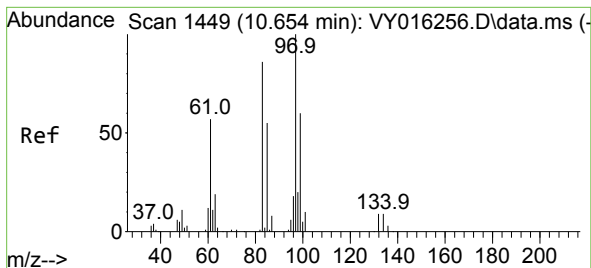
Tgt Ion: 75 Resp: 47868
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 21.919 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 75 Resp: 57628
Ion Ratio Lower Upper
75 100
77 32.7 24.2 36.4
39 39.4 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 22.496 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 27385

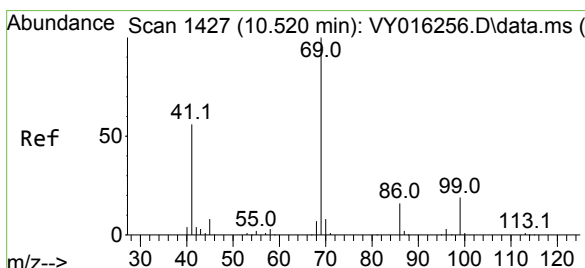
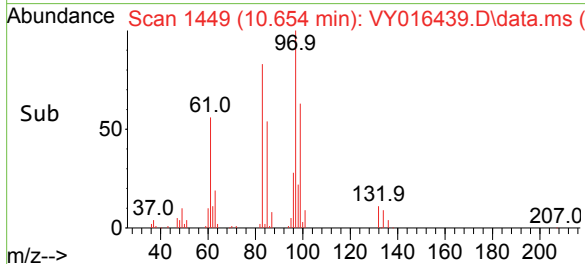
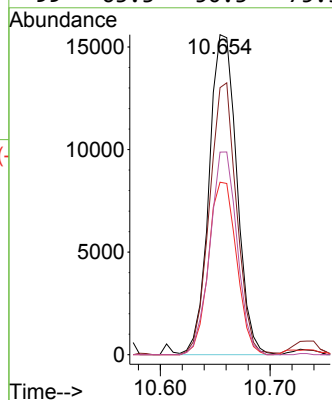
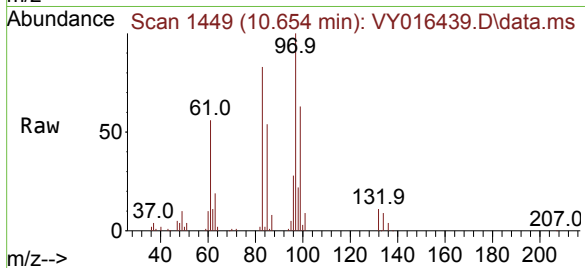
Ion Ratio Lower Upper

97 100

83 83.5 72.0 108.0

85 53.9 45.4 68.0

99 63.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.149 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

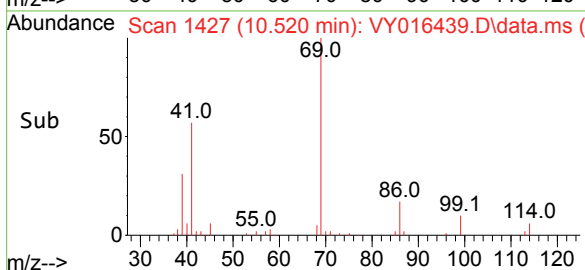
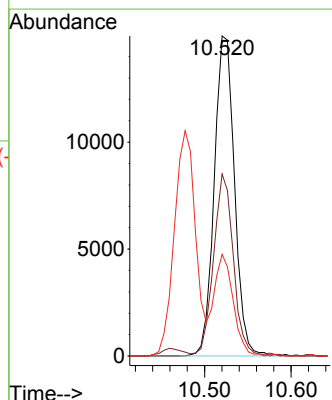
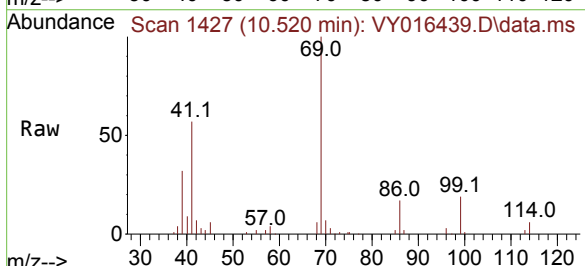
Tgt Ion: 69 Resp: 24303

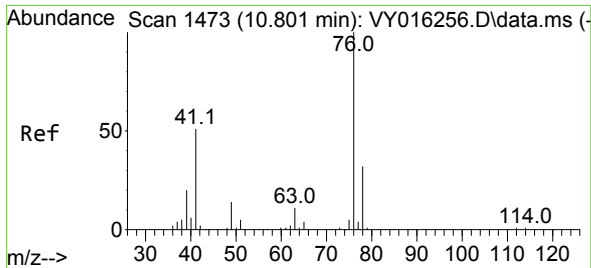
Ion Ratio Lower Upper

69 100

41 54.5 57.6 86.4#

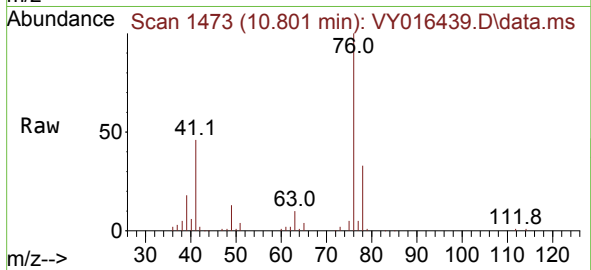
39 29.9 34.1 51.1#



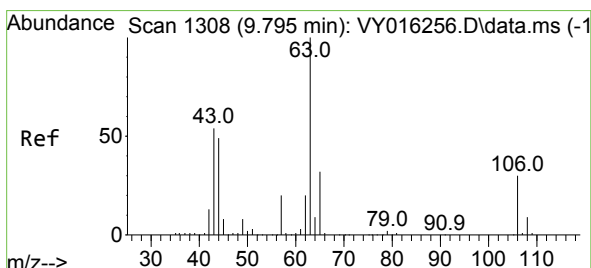
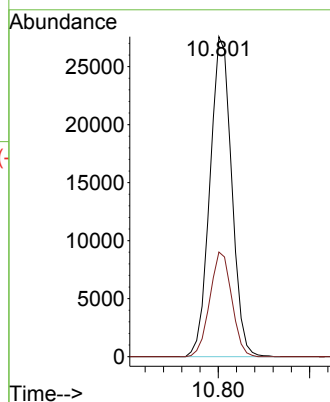
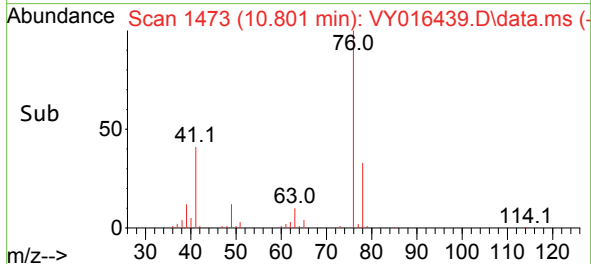


#57
 1,3-Dichloropropane
 Concen: 21.895 ug/l
 RT: 10.801 min Scan# 1473
 Delta R.T. -0.000 min
 Lab File: VY016439.D
 Acq: 21 Nov 2023 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :

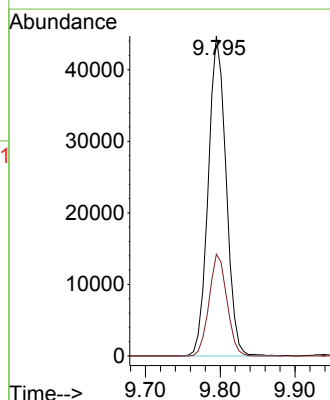
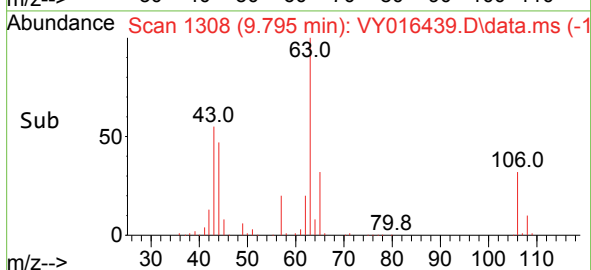
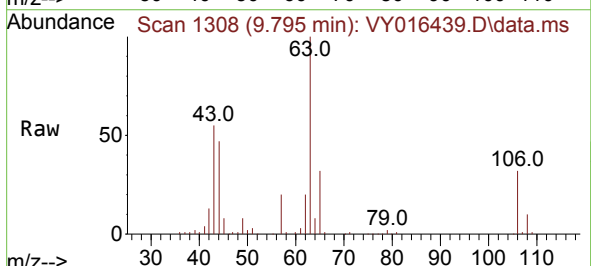


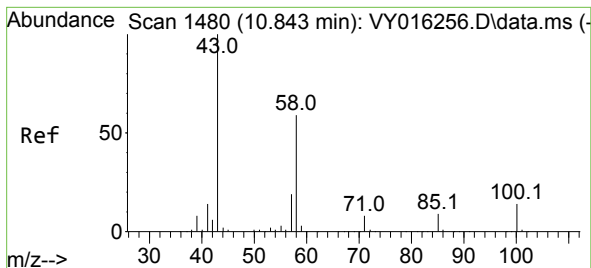
Tgt Ion: 76 Resp: 45434
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.285 ug/l
 RT: 9.795 min Scan# 1308
 Delta R.T. -0.000 min
 Lab File: VY016439.D
 Acq: 21 Nov 2023 15:42

Tgt Ion: 63 Resp: 74246
 Ion Ratio Lower Upper
 63 100
 106 31.6 21.2 31.8

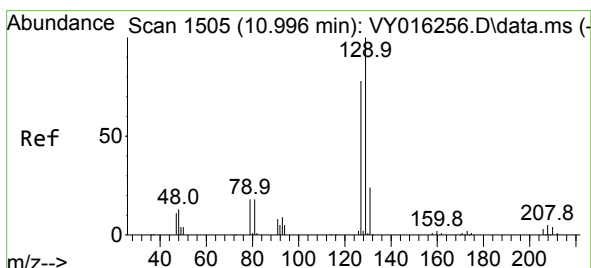
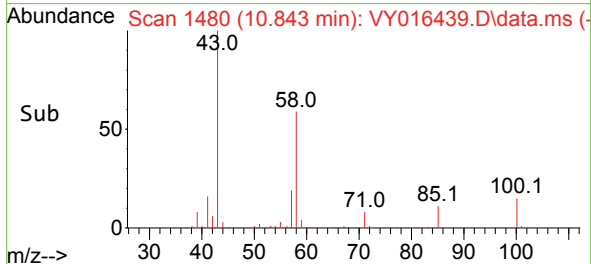
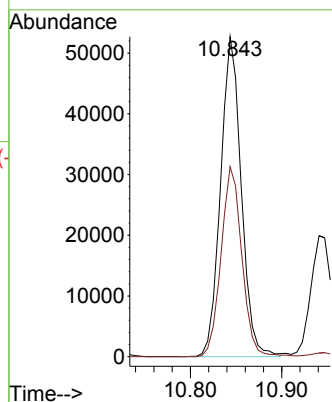
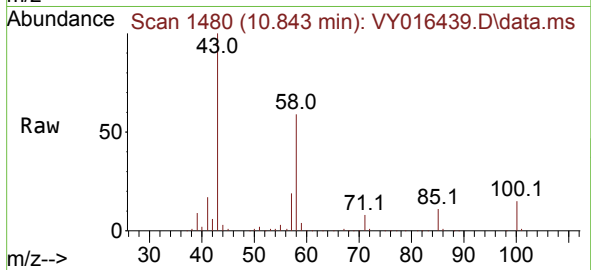




#59
2-Hexanone
Concen: 116.799 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

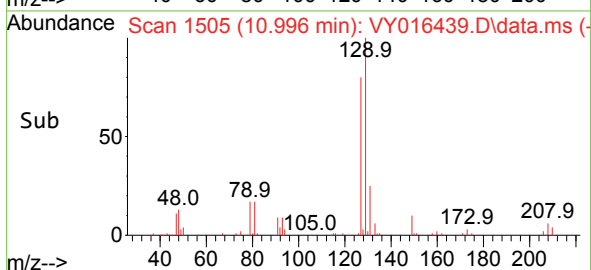
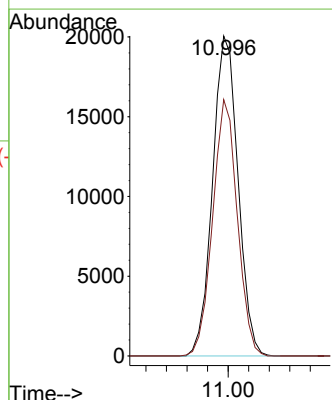
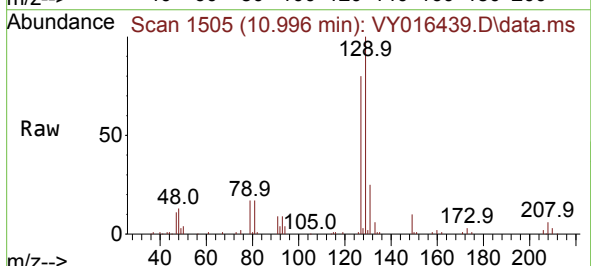
Instrument :
MSVOA_Y
ClientSampleId :

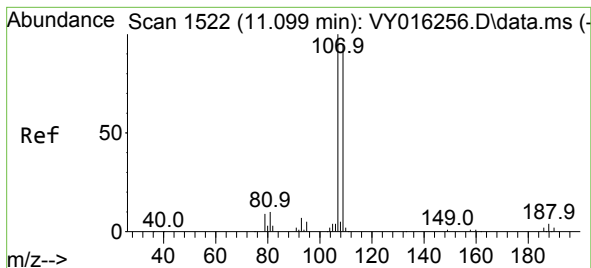
Tgt Ion: 43 Resp: 82882
Ion Ratio Lower Upper
43 100
58 59.7 25.1 75.3



#60
Dibromochloromethane
Concen: 22.637 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 129 Resp: 34464
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

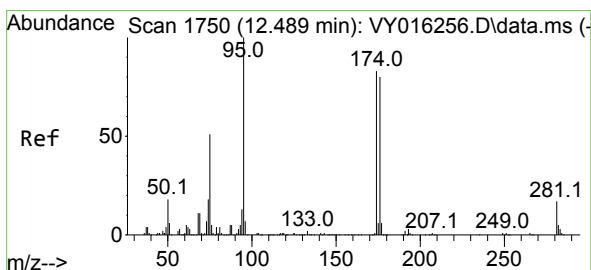
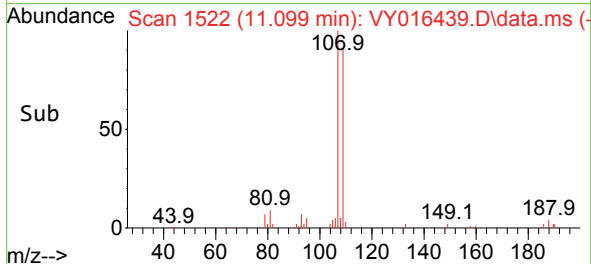
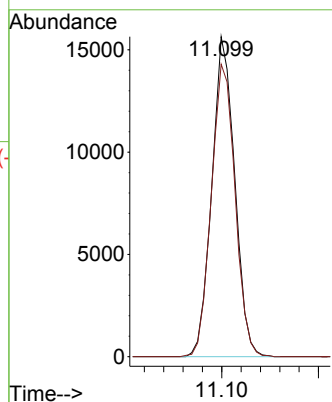
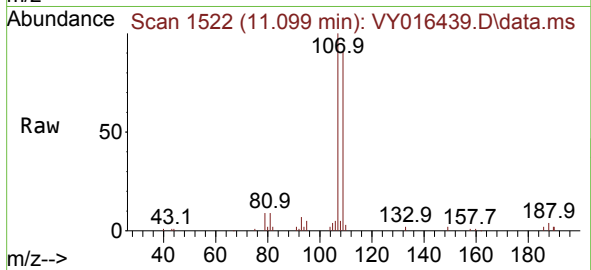




#61
 1,2-Dibromoethane
 Concen: 22.122 ug/l
 RT: 11.099 min Scan# 1522
 Delta R.T. -0.000 min
 Lab File: VY016439.D
 Acq: 21 Nov 2023 15:42

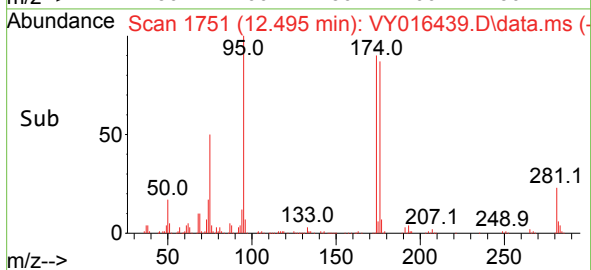
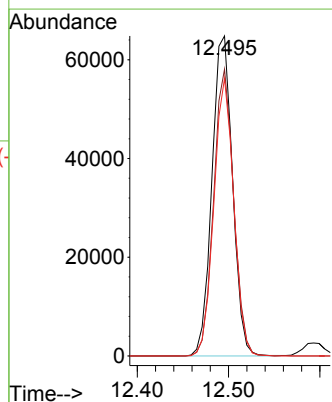
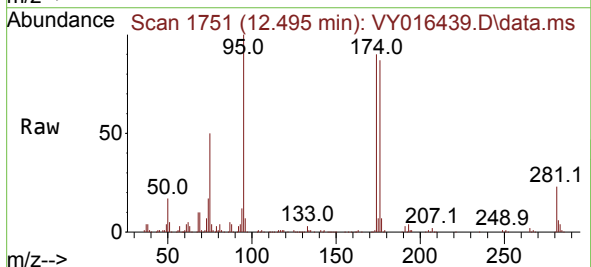
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:107 Resp: 25657
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 55.334 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. 0.006 min
 Lab File: VY016439.D
 Acq: 21 Nov 2023 15:42

Tgt Ion: 95 Resp: 101384
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 178.2
 176 84.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

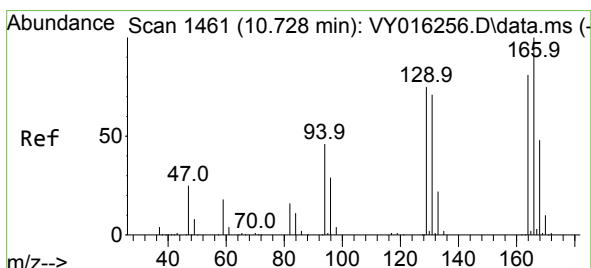
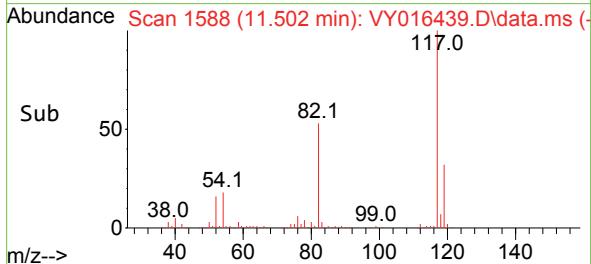
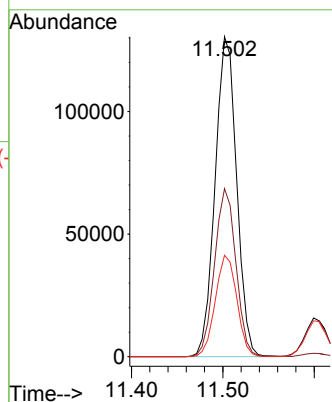
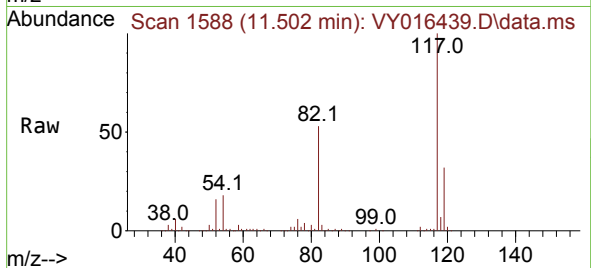
Tgt Ion:117 Resp: 213795

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 23.970 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Tgt Ion:164 Resp: 46014

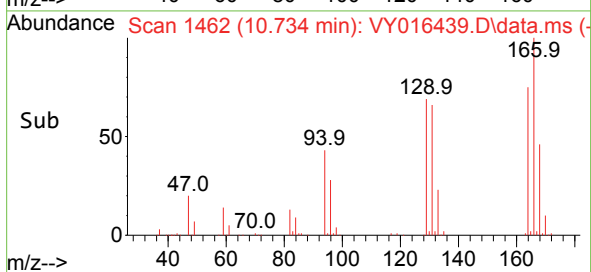
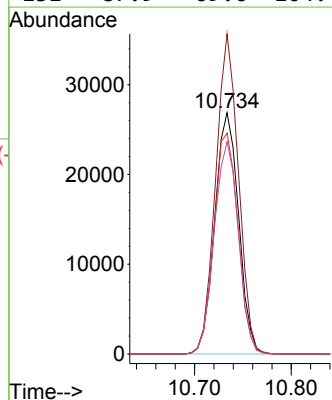
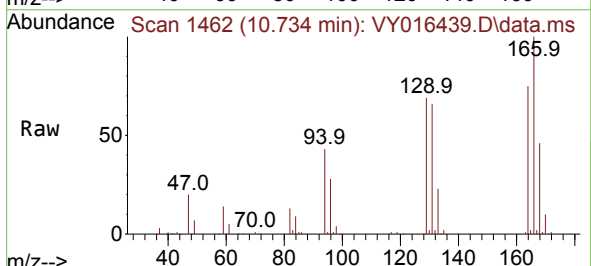
Ion Ratio Lower Upper

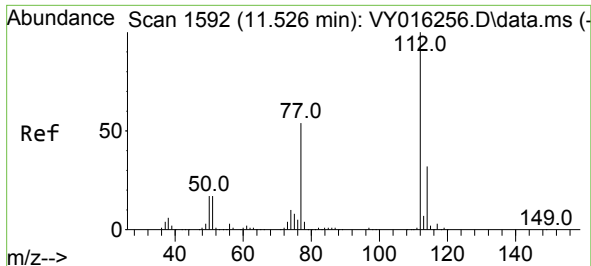
164 100

166 132.6 103.0 154.6

129 91.5 77.2 115.8

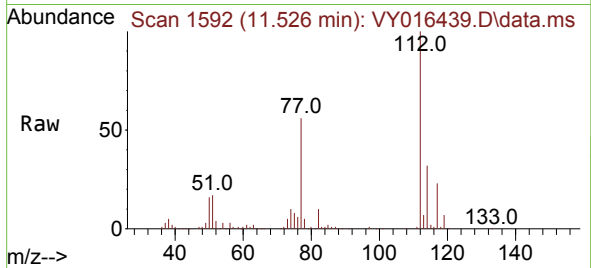
131 87.9 69.6 104.4



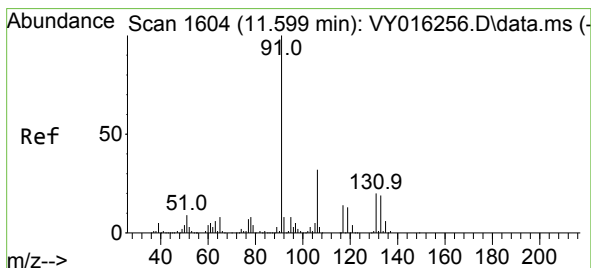
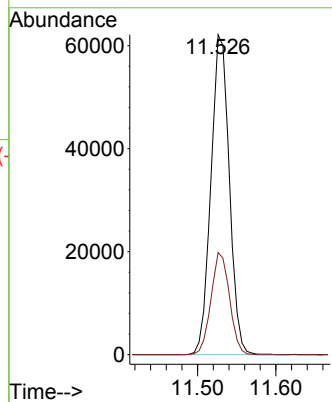
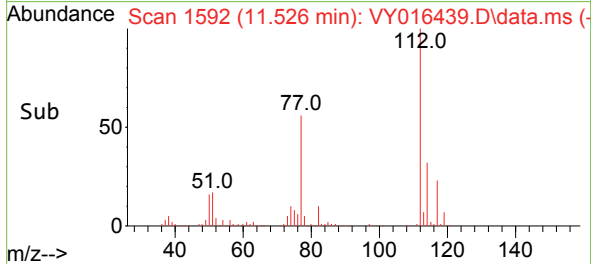


#65
Chlorobenzene
Concen: 22.133 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :

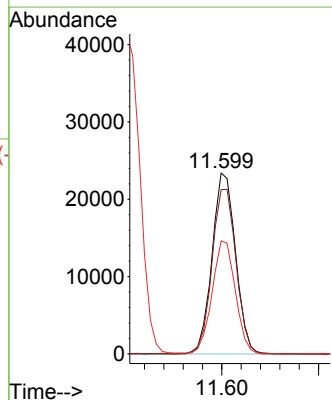
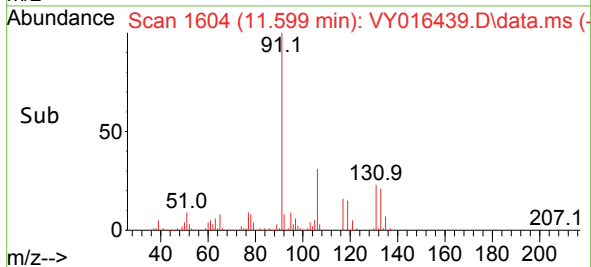
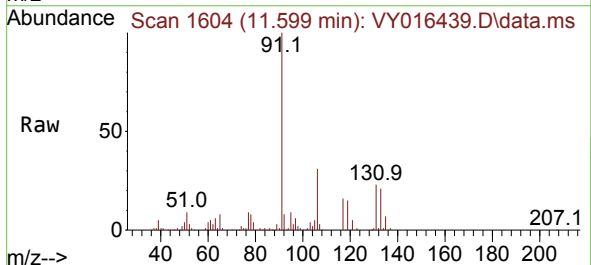


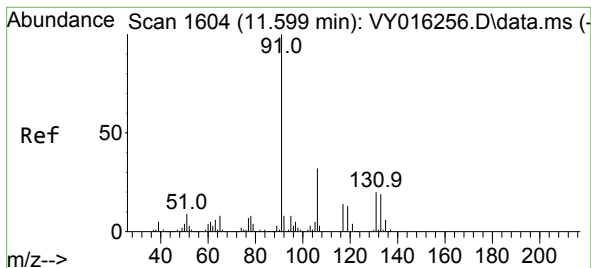
Tgt Ion:112 Resp: 101099
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.352 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion:131 Resp: 39343
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 62.0 31.6 94.7





#67

Ethyl Benzene

Concen: 22.288 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

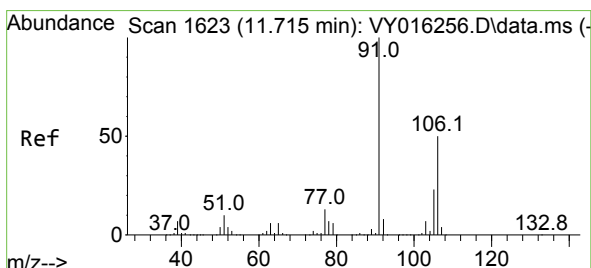
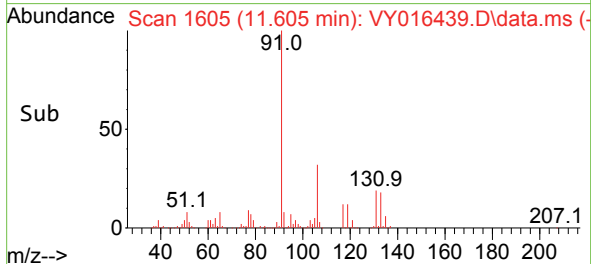
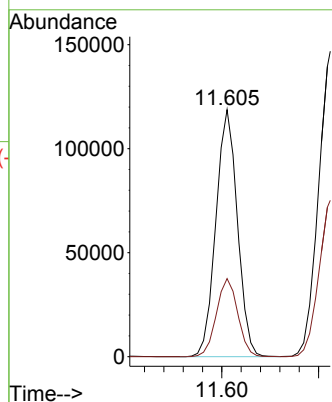
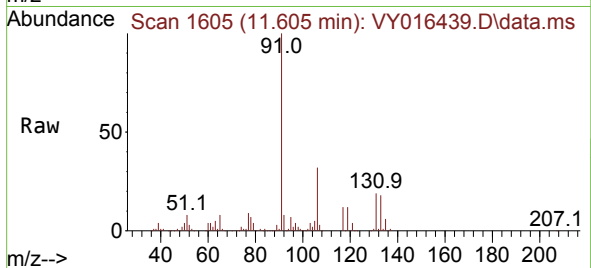
ClientSampleId :

Tgt Ion: 91 Resp: 182961

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 45.683 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016439.D

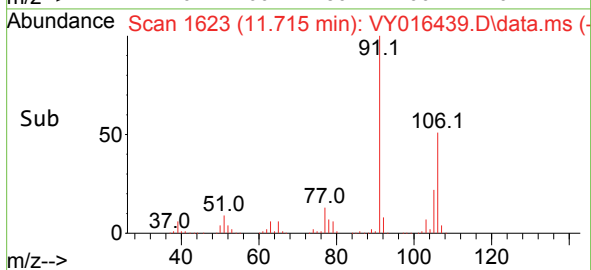
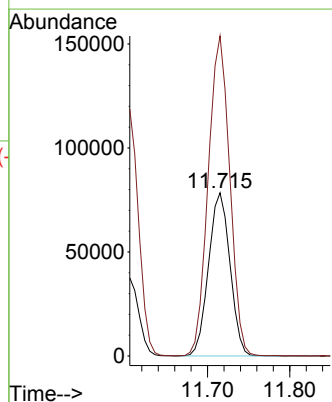
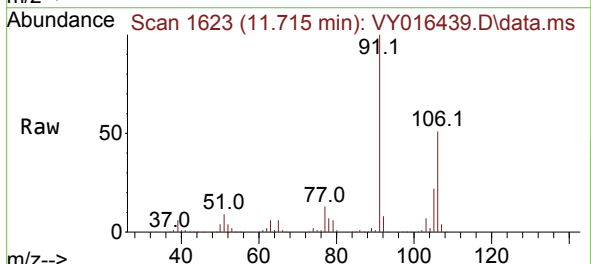
Acq: 21 Nov 2023 15:42

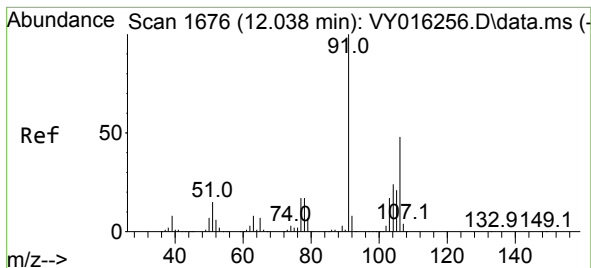
Tgt Ion:106 Resp: 142240

Ion Ratio Lower Upper

106 100

91 197.2 166.1 249.1





#69

o-Xylene

Concen: 22.686 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

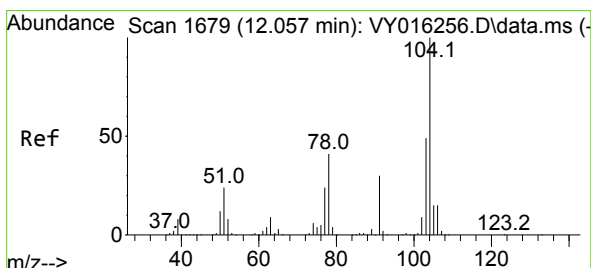
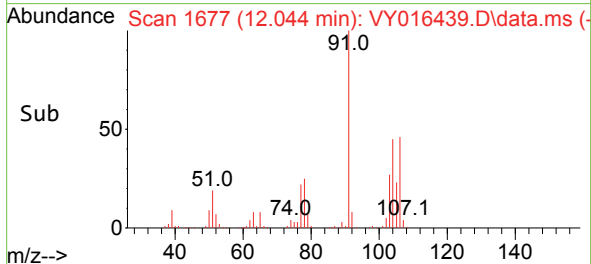
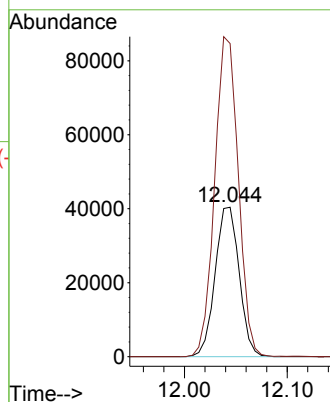
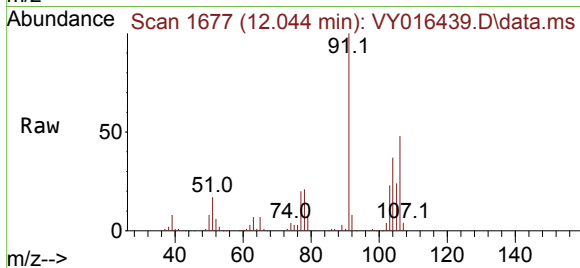
ClientSampleId :

Tgt Ion:106 Resp: 65583

Ion Ratio Lower Upper

106 100

91 210.7 108.1 324.3



#70

Styrene

Concen: 22.524 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

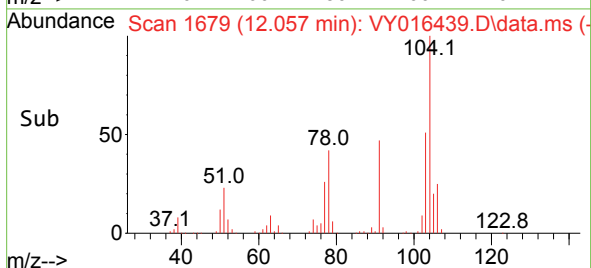
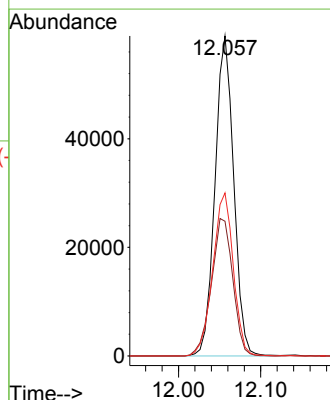
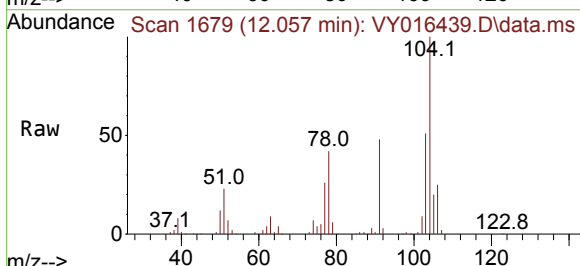
Tgt Ion:104 Resp: 93235

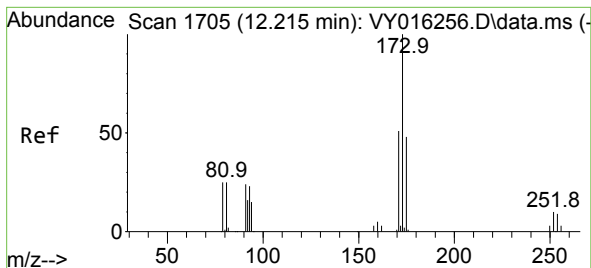
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 55.9 44.6 67.0





#71

Bromoform

Concen: 22.914 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

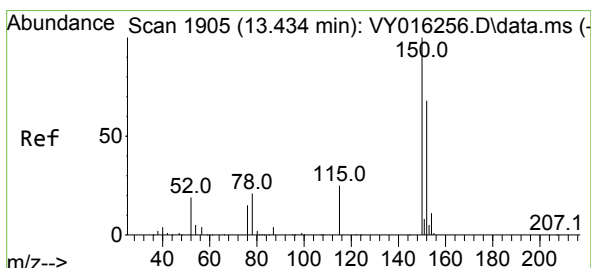
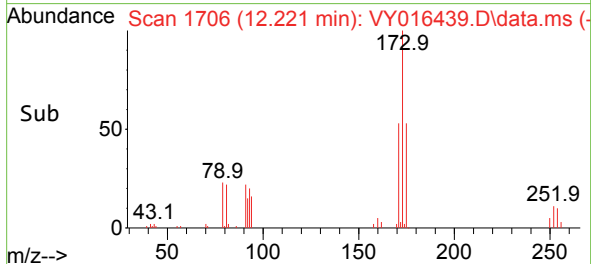
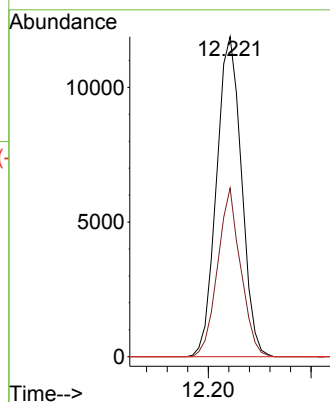
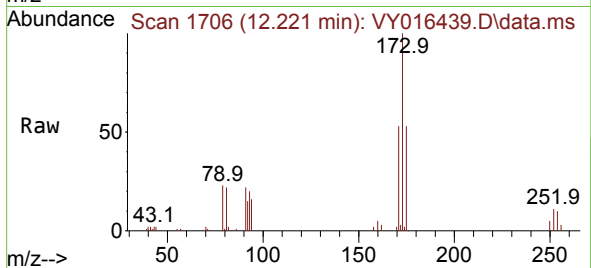
Tgt Ion:173 Resp: 20031

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

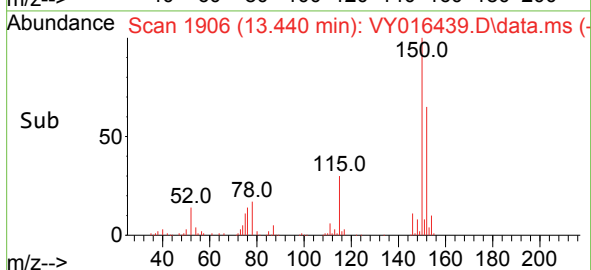
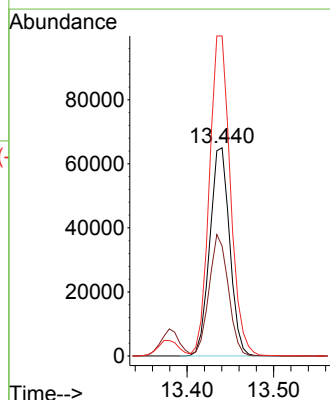
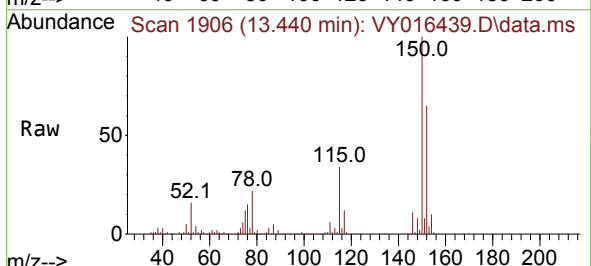
Tgt Ion:152 Resp: 103493

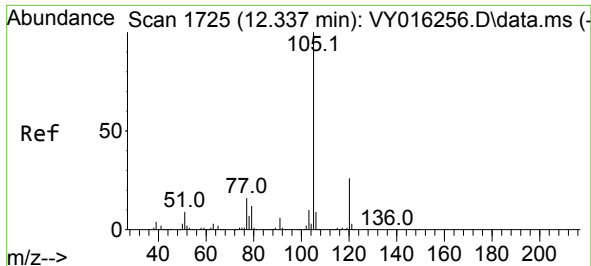
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 162.4 0.0 348.8

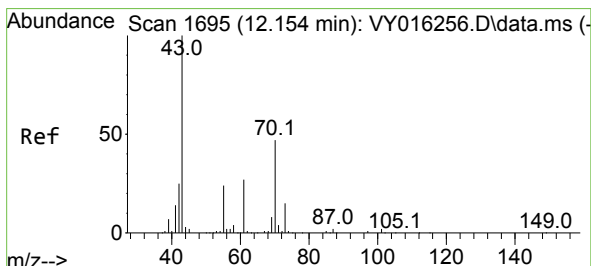
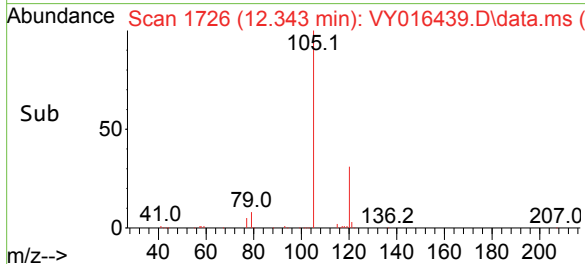
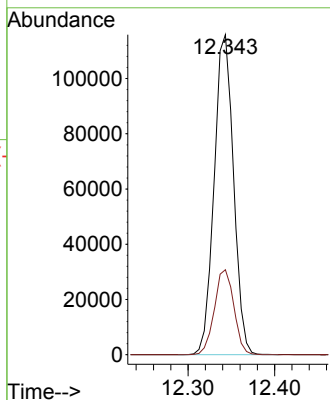
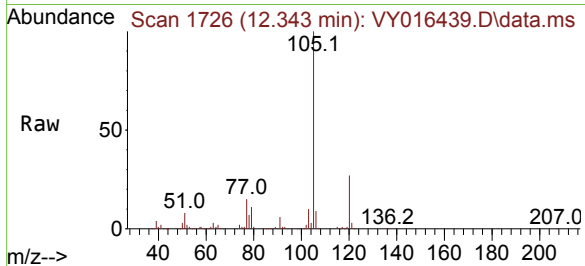




#73
Isopropylbenzene
Concen: 21.473 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

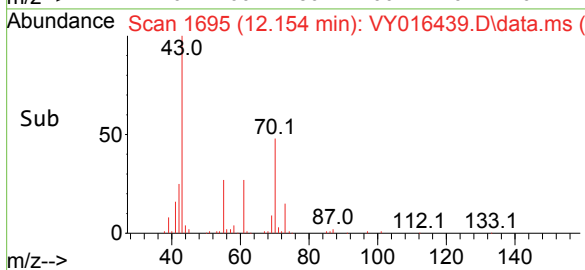
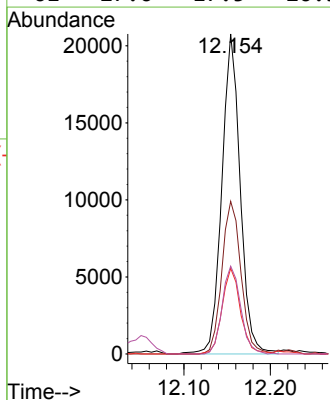
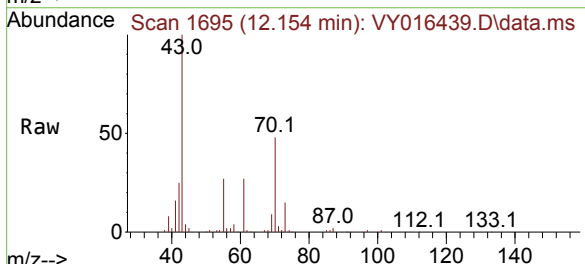
Instrument :
MSVOA_Y
ClientSampleId :

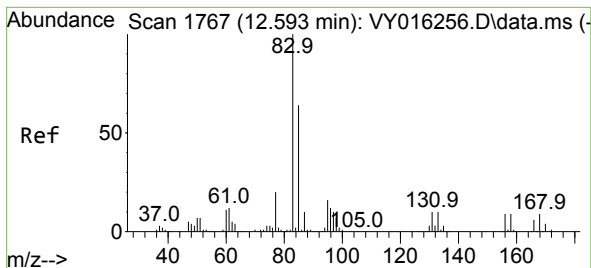
Tgt Ion:105 Resp: 179961
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 18.178 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 43 Resp: 30600
Ion Ratio Lower Upper
43 100
70 49.6 29.7 44.5#
55 26.8 18.3 27.5
61 27.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.805 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

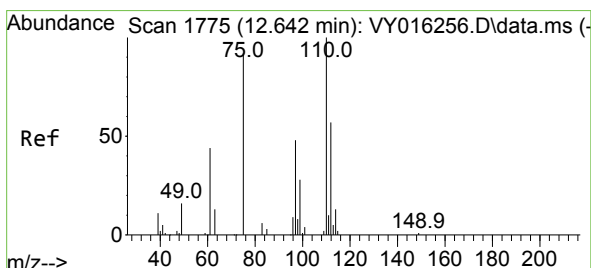
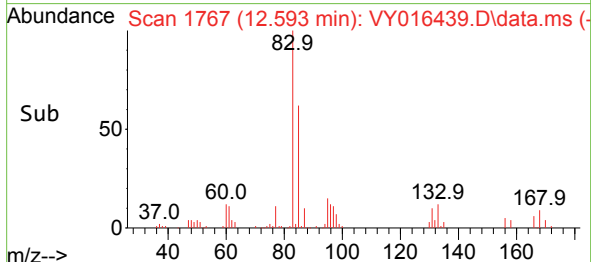
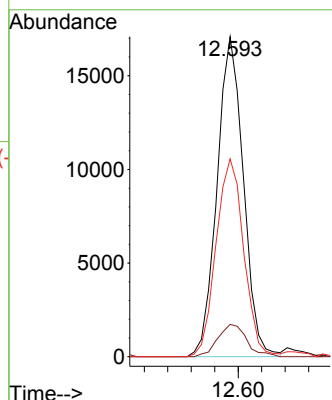
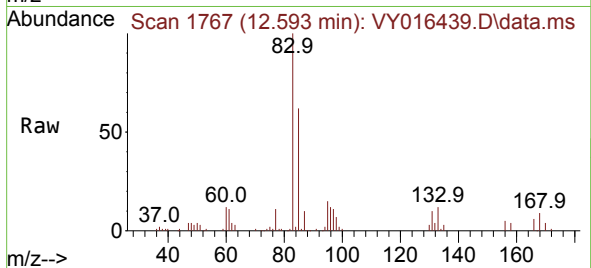
Tgt Ion: 83 Resp: 26634

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.983 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016439.D

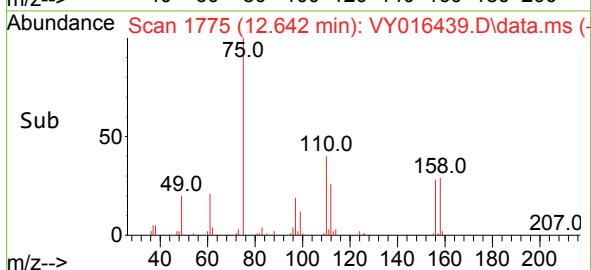
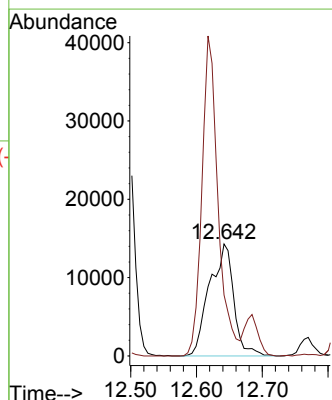
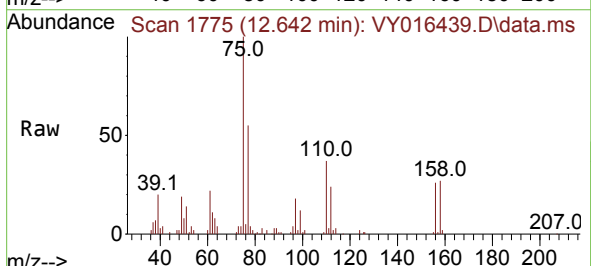
Acq: 21 Nov 2023 15:42

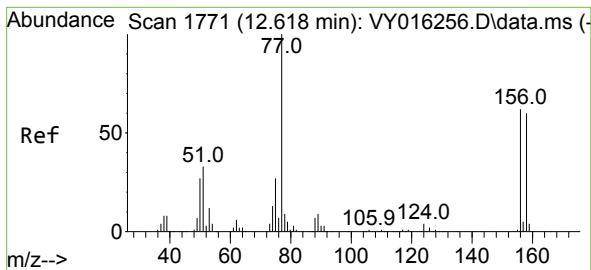
Tgt Ion: 75 Resp: 36717

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.343 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016439.D

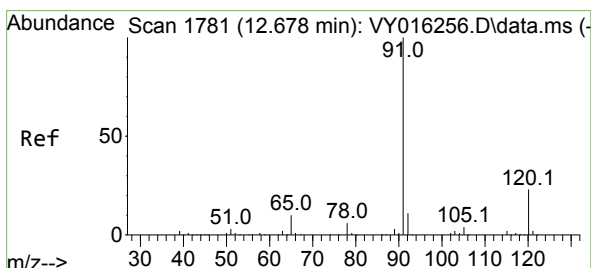
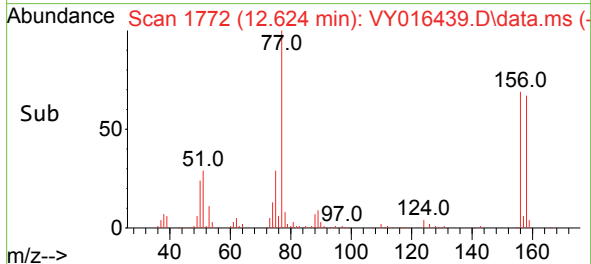
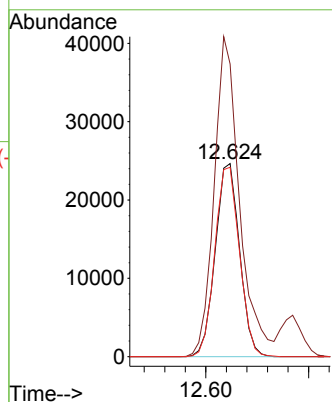
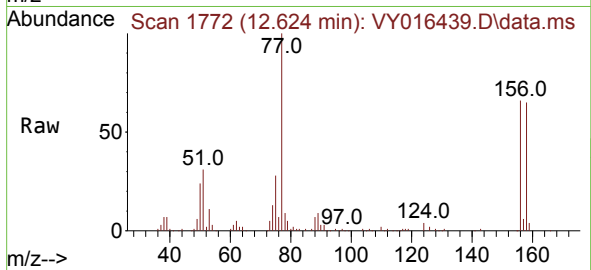
Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	40426
Ion Ratio	Lower	Upper	
156	100		
77	173.2	92.8	278.6
158	99.4	48.4	145.3



#78

n-propylbenzene

Concen: 21.575 ug/l

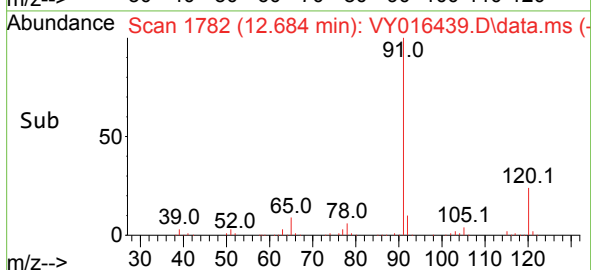
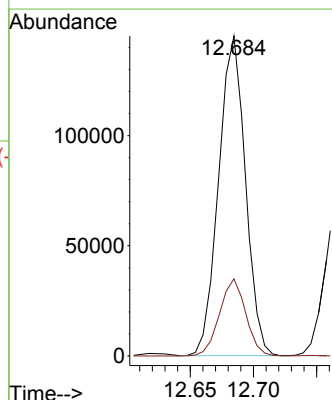
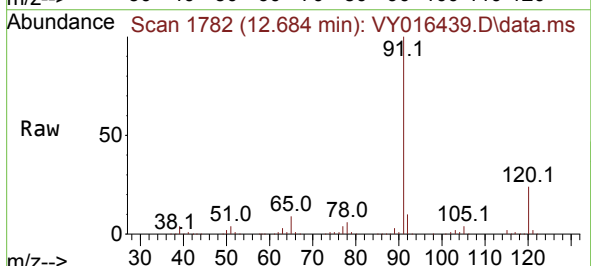
RT: 12.684 min Scan# 1782

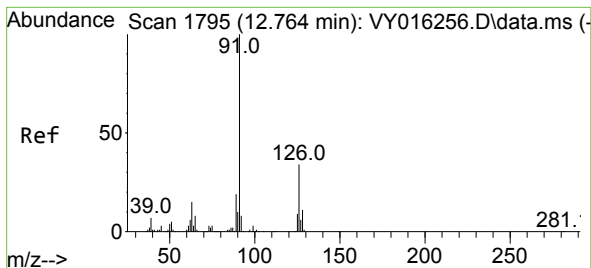
Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Tgt Ion:	91	Resp:	213686
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 21.557 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

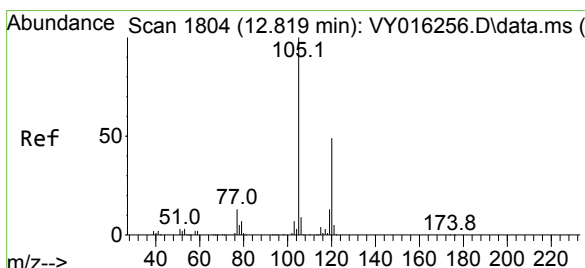
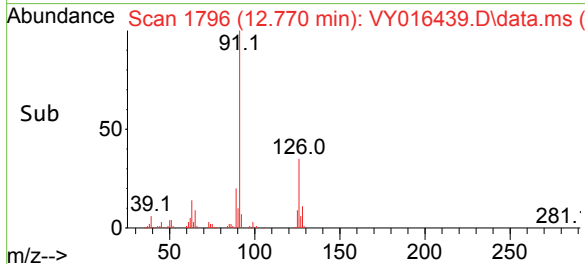
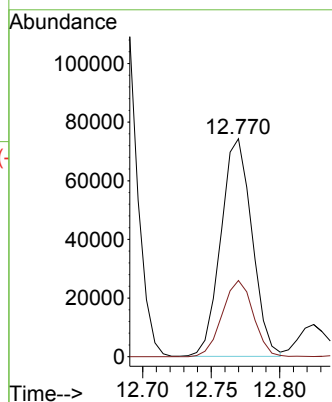
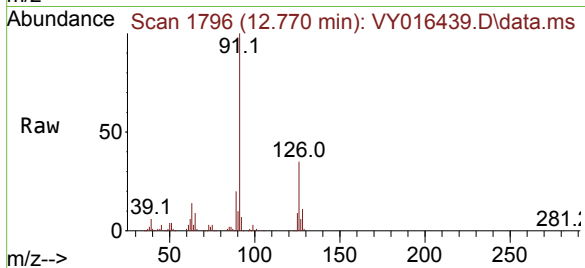
ClientSampleId :

Tgt Ion: 91 Resp: 117660

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.842 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016439.D

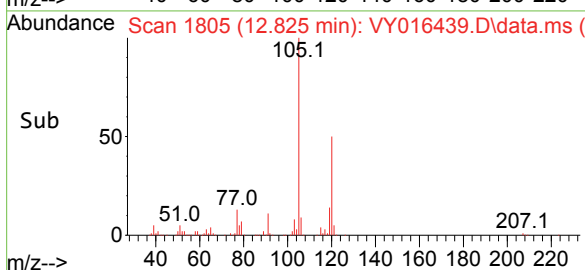
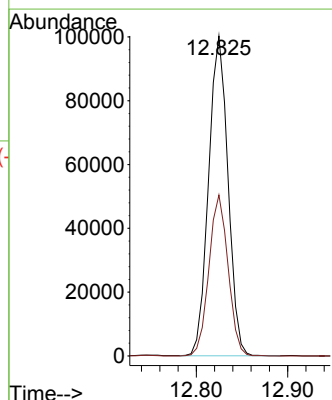
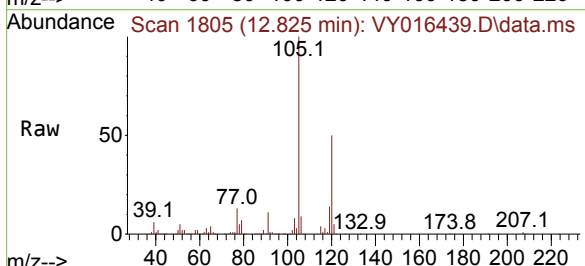
Acq: 21 Nov 2023 15:42

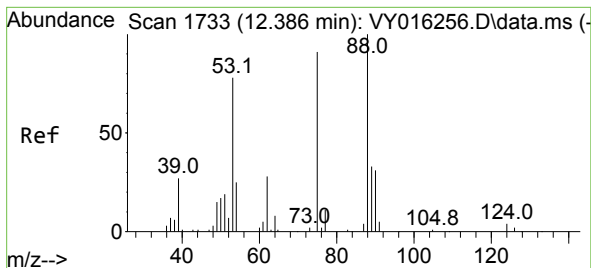
Tgt Ion:105 Resp: 147582

Ion Ratio Lower Upper

105 100

120 49.8 23.9 71.7

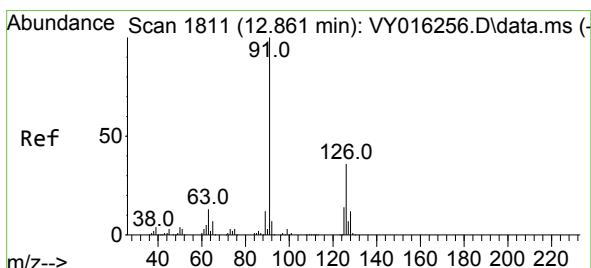
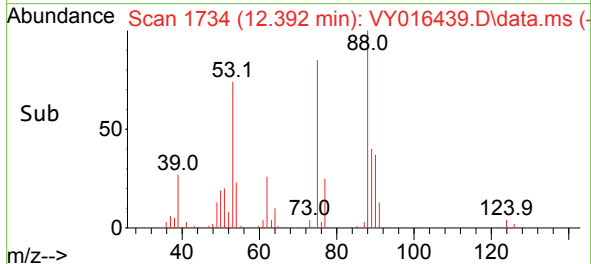
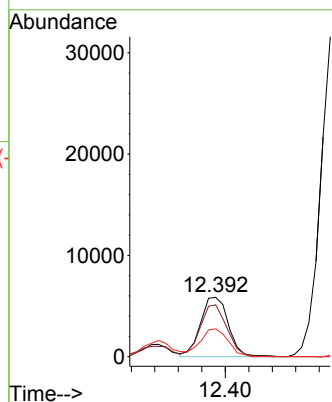
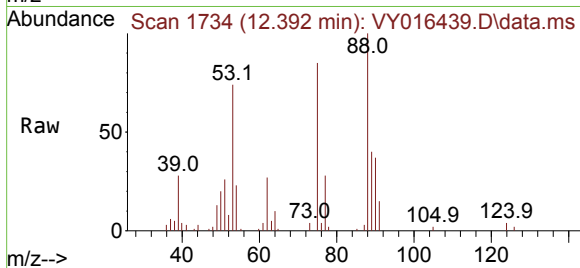




#81
trans-1,4-Dichloro-2-butene
Concen: 21.120 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

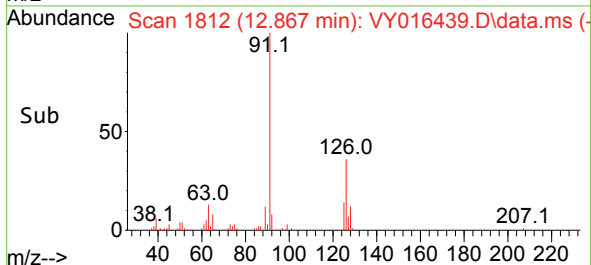
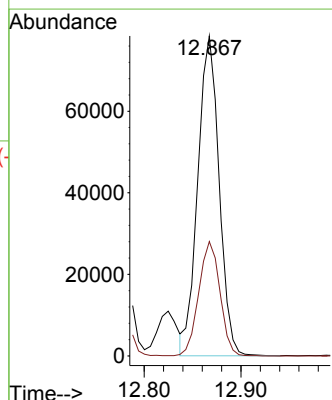
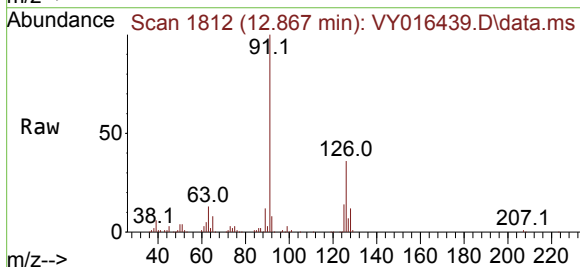
Instrument :
MSVOA_Y
ClientSampleId :

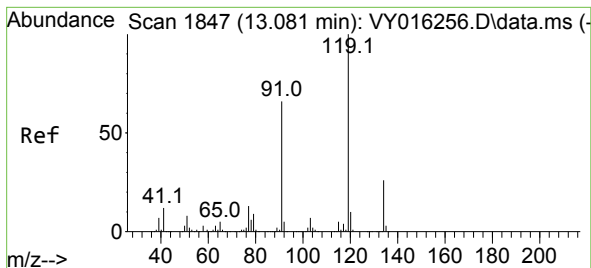
Tgt Ion: 75 Resp: 9660
Ion Ratio Lower Upper
75 100
53 84.8 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.320 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016439.D
Acq: 21 Nov 2023 15:42

Tgt Ion: 91 Resp: 120242
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.776 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

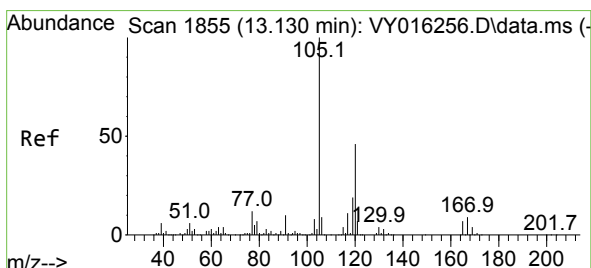
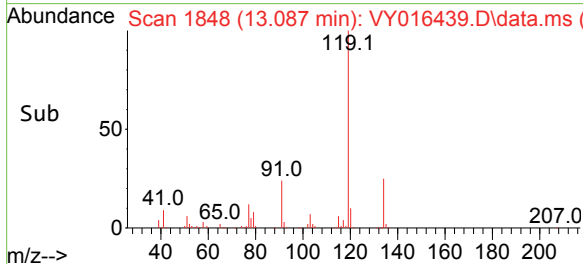
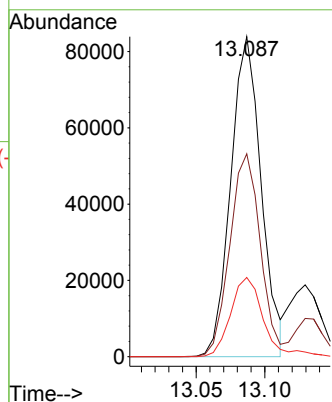
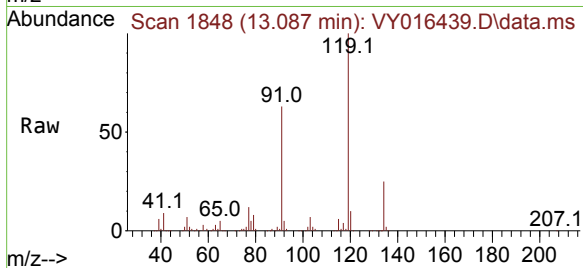
Tgt Ion:119 Resp: 129599

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.026 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016439.D

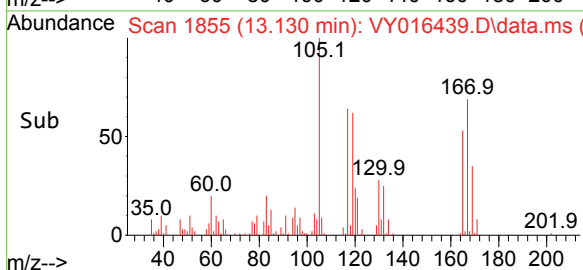
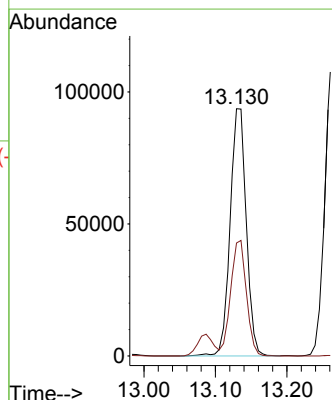
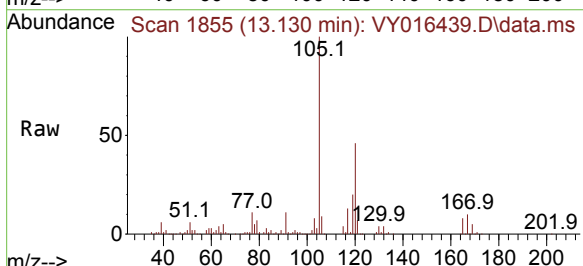
Acq: 21 Nov 2023 15:42

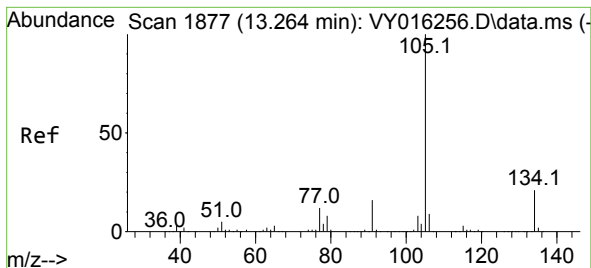
Tgt Ion:105 Resp: 146542

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.544 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

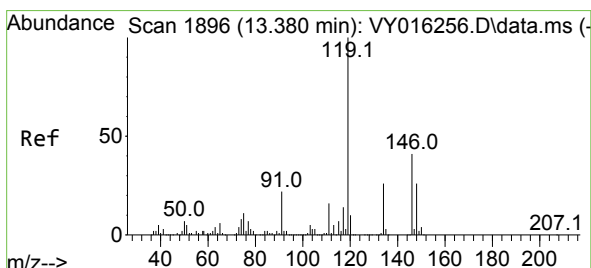
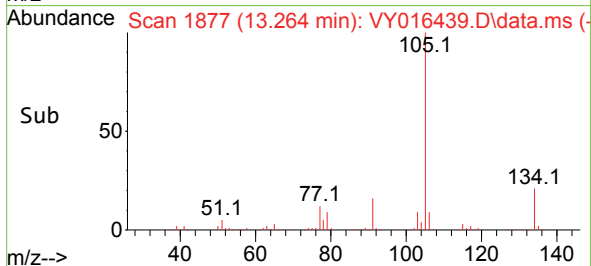
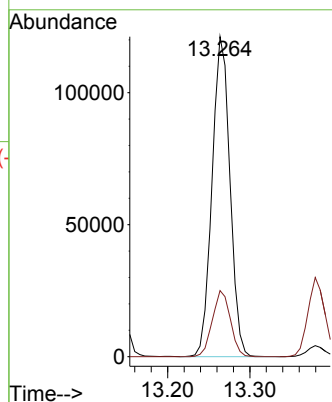
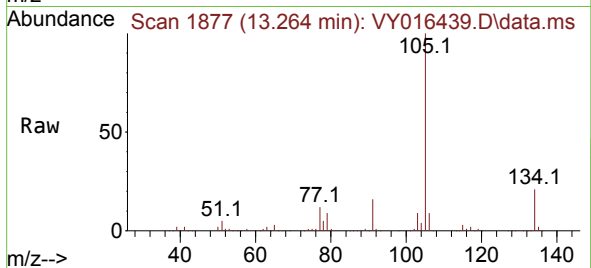
ClientSampleId :

Tgt Ion:105 Resp: 183177

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.918 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

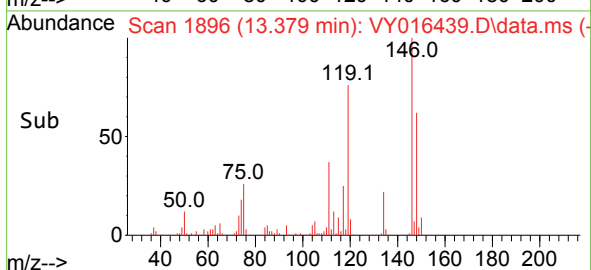
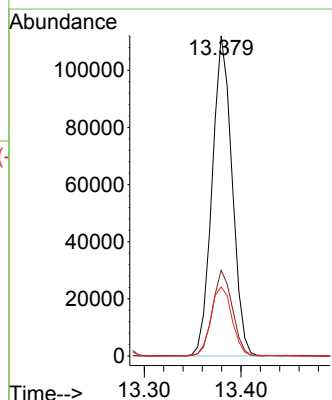
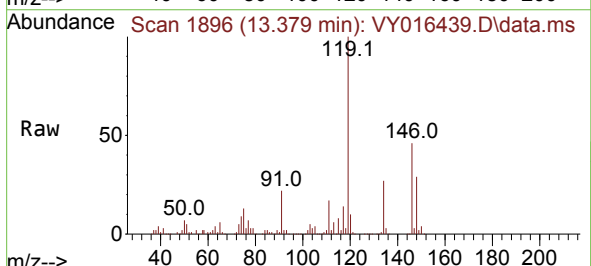
Tgt Ion:119 Resp: 160466

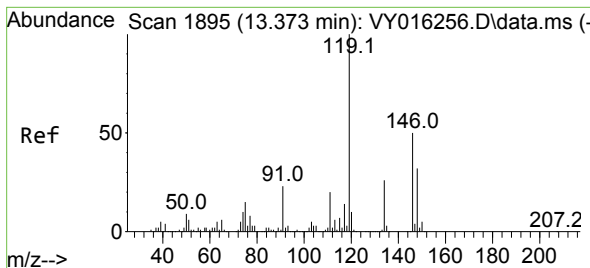
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.894 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

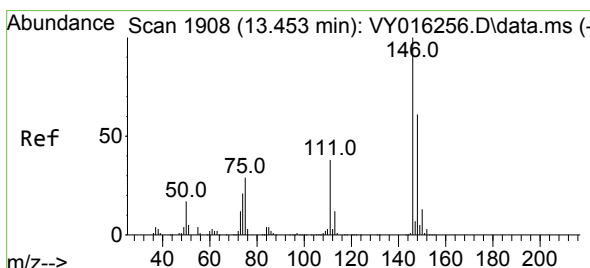
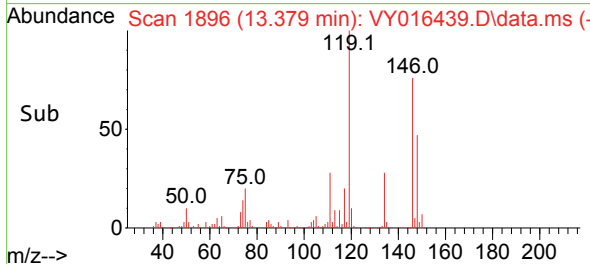
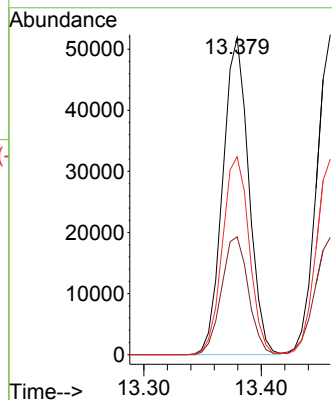
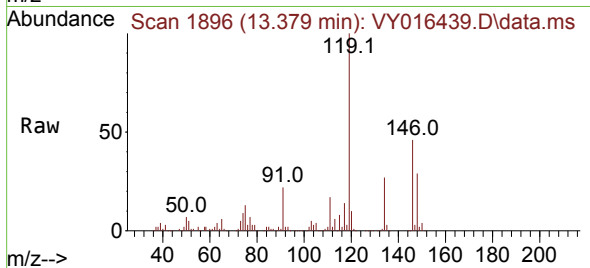
Tgt Ion:146 Resp: 79783

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 64.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 22.283 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

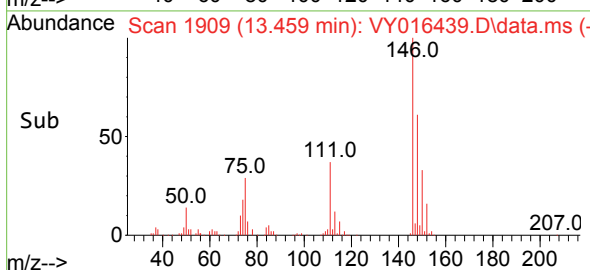
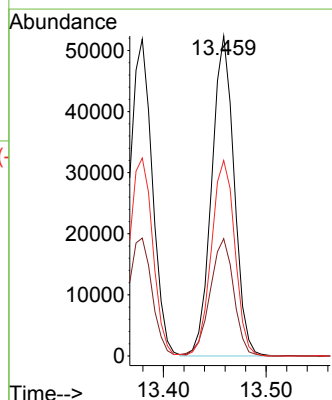
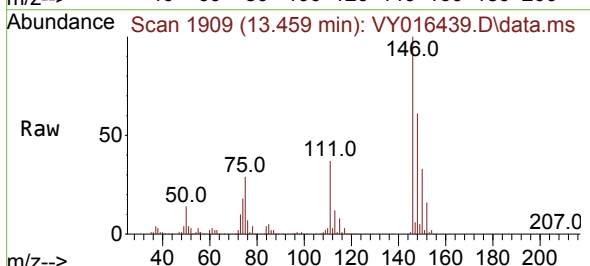
Tgt Ion:146 Resp: 79358

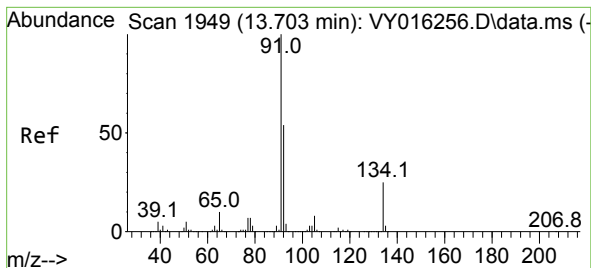
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 21.603 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

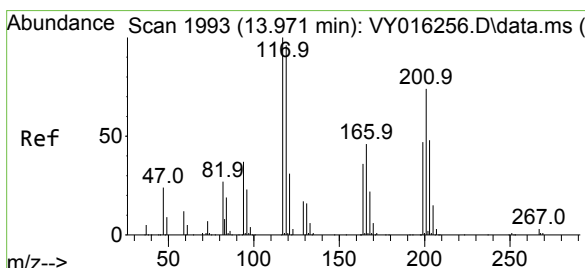
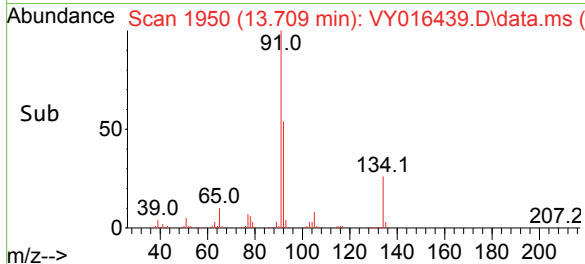
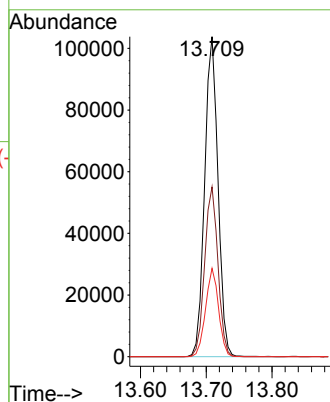
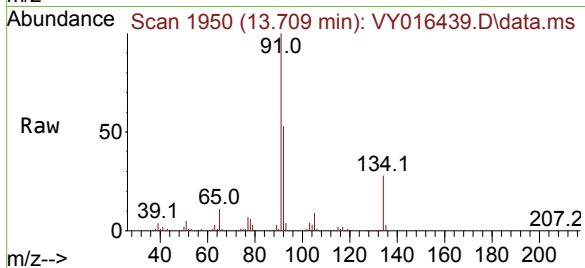
Tgt Ion: 91 Resp: 146065

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 21.101 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016439.D

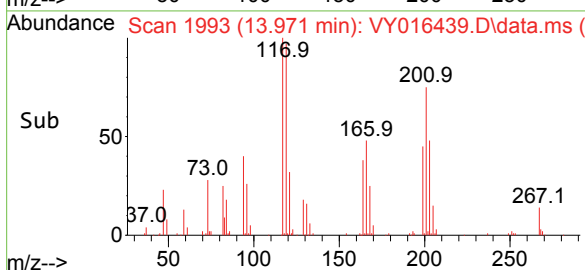
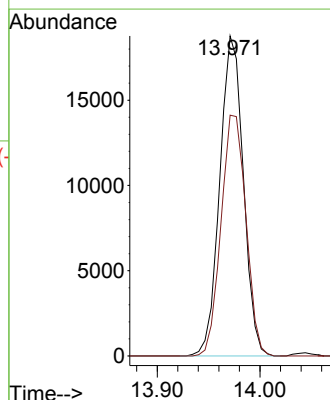
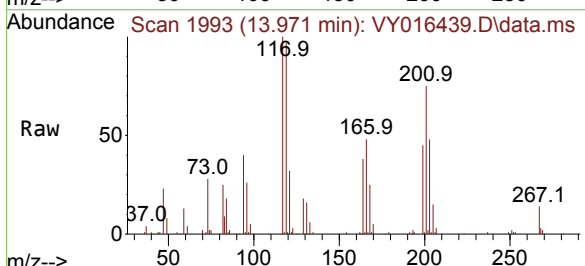
Acq: 21 Nov 2023 15:42

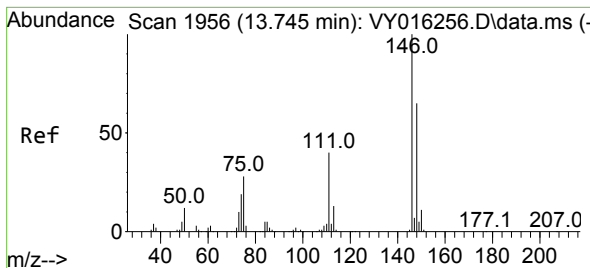
Tgt Ion: 117 Resp: 29801

Ion Ratio Lower Upper

117 100

201 79.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.308 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

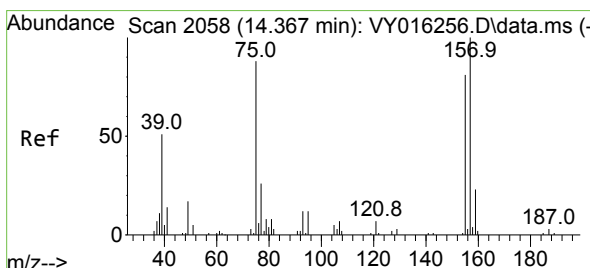
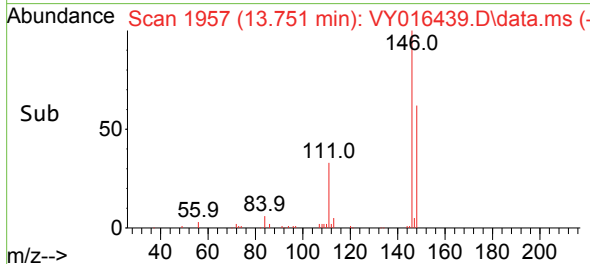
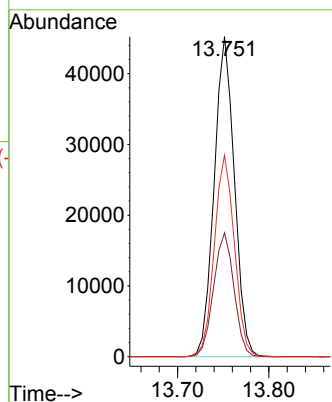
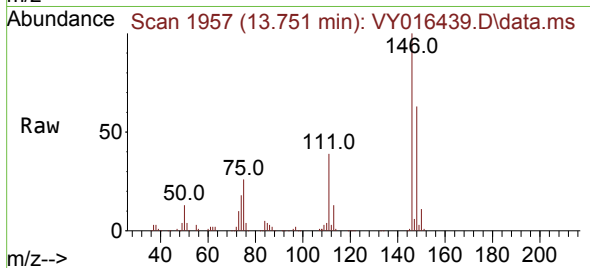
Tgt Ion:146 Resp: 69658

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 62.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.345 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

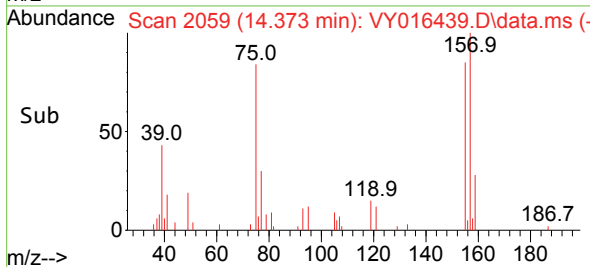
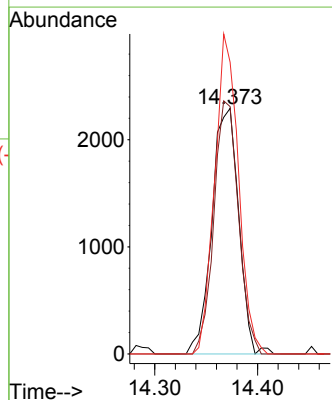
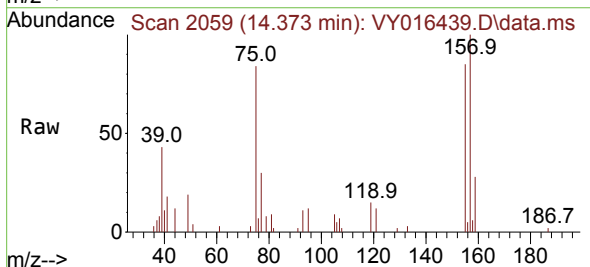
Tgt Ion: 75 Resp: 4139

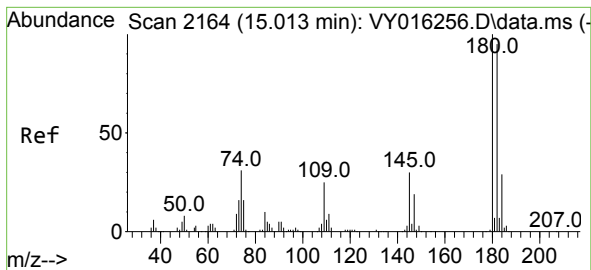
Ion Ratio Lower Upper

75 100

155 94.5 41.5 124.6

157 115.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.163 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

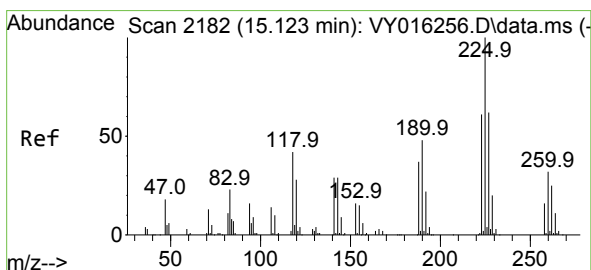
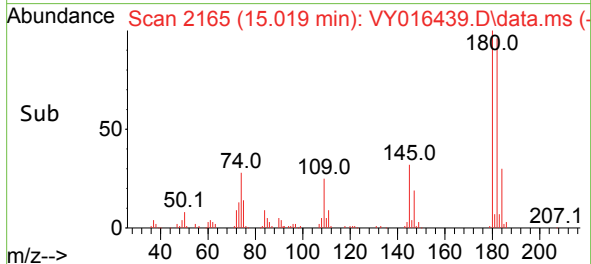
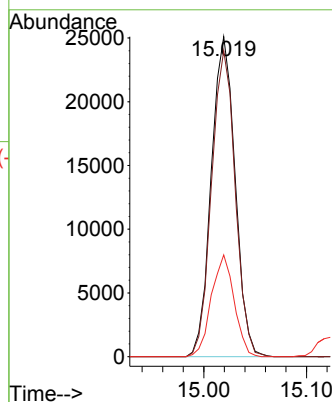
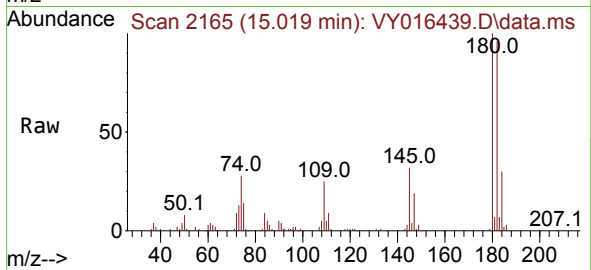
Tgt Ion:180 Resp: 40396

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 24.159 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

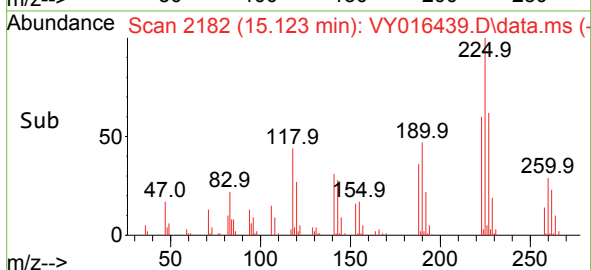
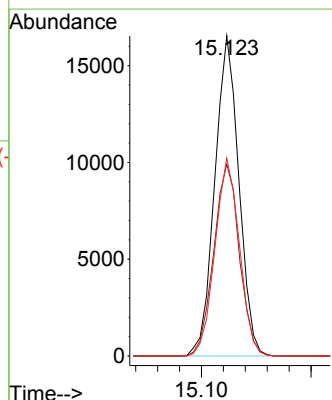
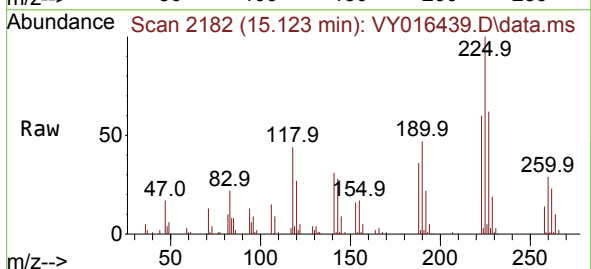
Tgt Ion:225 Resp: 25227

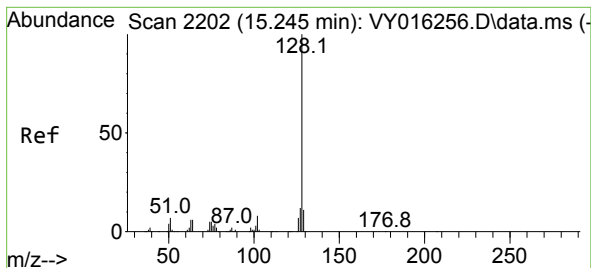
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 21.222 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

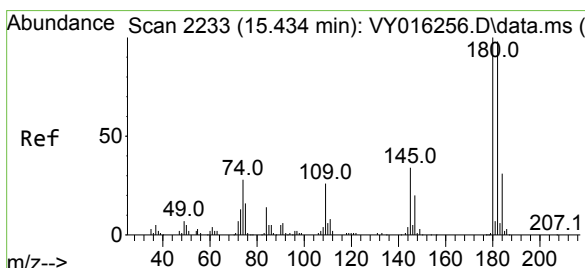
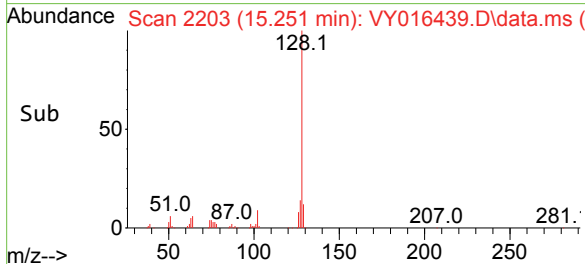
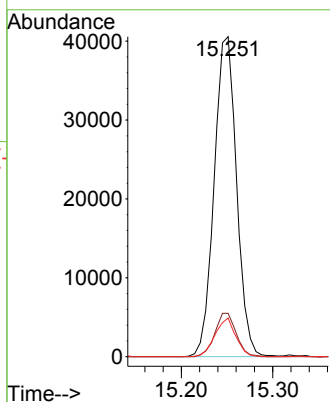
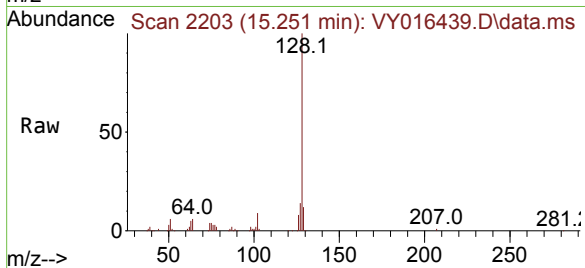
Tgt Ion:128 Resp: 69183

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.317 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016439.D

Acq: 21 Nov 2023 15:42

Tgt Ion:180 Resp: 33645

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 32.0 15.4 46.2

