

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016437.D
 Acq On : 21 Nov 2023 14:56
 Operator : SY/MD
 Sample : VY1121SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:15:18 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	7.801	168	157008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	247572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	215578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	101898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74784	52.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.728	113	82058	58.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.700%	
50) Toluene-d8	10.191	98	310692	54.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.960%	
62) 4-Bromofluorobenzene	12.489	95	102398	55.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14018	9.118	ug/l	99
3) Chloromethane	2.119	50	17743	9.854	ug/l	99
4) Vinyl Chloride	2.259	62	20627	10.654	ug/l	100
5) Bromomethane	2.662	94	13859	10.892	ug/l	96
6) Chloroethane	2.802	64	13789	11.162	ug/l	100
7) Trichlorofluoromethane	3.137	101	37574	13.339	ug/l	96
8) Diethyl Ether	3.540	74	11255	13.369	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.912	101	22456	13.236	ug/l	99
10) Methyl Iodide	4.107	142	24399	13.316	ug/l	96
11) Tert butyl alcohol	4.966	59	7739	68.870	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	20508	12.926	ug/l	86
13) Acrolein	3.741	56	10965	80.899	ug/l	98
14) Allyl chloride	4.491	41	27465	12.198	ug/l #	90
15) Acrylonitrile	5.174	53	22670	67.856	ug/l	96
16) Acetone	3.954	43	21623	91.096	ug/l #	84
17) Carbon Disulfide	4.210	76	50156	10.477	ug/l	100
18) Methyl Acetate	4.491	43	15978	12.668	ug/l #	87
19) Methyl tert-butyl Ether	5.241	73	51688	13.460	ug/l	99
20) Methylene Chloride	4.729	84	52166	29.696	ug/l #	85
21) trans-1,2-Dichloroethene	5.235	96	23615	12.927	ug/l	88
22) Diisopropyl ether	6.131	45	62280	12.835	ug/l #	85
23) Vinyl Acetate	6.070	43	144148	61.309	ug/l #	90
24) 1,1-Dichloroethane	6.027	63	40421	13.503	ug/l	99
25) 2-Butanone	6.996	43	30415	73.156	ug/l #	86
26) 2,2-Dichloropropane	6.996	77	37656	13.821	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	26723	13.574	ug/l	91
28) Bromochloromethane	7.350	49	21547	19.449	ug/l #	78
29) Tetrahydrofuran	7.362	42	16672	60.669	ug/l #	86
30) Chloroform	7.515	83	43787	14.053	ug/l	98
31) Cyclohexane	7.795	56	33670	11.918	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	40315	14.115	ug/l	95
36) 1,1-Dichloropropene	7.929	75	32637	13.365	ug/l	98
37) Ethyl Acetate	7.088	43	12074	12.237	ug/l #	93
38) Carbon Tetrachloride	7.917	117	37315	14.723	ug/l	98
39) Methylcyclohexane	9.197	83	37990	12.485	ug/l #	86
40) Benzene	8.173	78	94853	13.825	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	7211	14.494	ug/l #	91
42) 1,2-Dichloroethane	8.246	62	25053	14.093	ug/l	91
43) Isopropyl Acetate	8.277	43	23777	12.466	ug/l #	87
44) Trichloroethene	8.947	130	27479	13.936	ug/l	97
45) 1,2-Dichloropropane	9.228	63	23156	14.053	ug/l	93
46) Dibromomethane	9.313	93	12312	13.789	ug/l	99
47) Bromodichloromethane	9.508	83	32869	14.319	ug/l	97
48) Methyl methacrylate	9.307	41	12633	11.985	ug/l #	79
49) 1,4-Dioxane	9.307	88	2493	262.989	ug/l #	52
51) 4-Methyl-2-Pentanone	10.081	43	60494	62.723	ug/l	89
52) Toluene	10.252	92	61593	14.202	ug/l	93
53) t-1,3-Dichloropropene	10.478	75	30489	13.701	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	37008	13.924	ug/l #	87
55) 1,1,2-Trichloroethane	10.654	97	18222	14.806	ug/l	95
56) Ethyl methacrylate	10.520	69	15500	13.342	ug/l #	79
57) 1,3-Dichloropropane	10.801	76	29805	14.208	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	75857	96.297	ug/l	90
59) 2-Hexanone	10.843	43	43492	60.625	ug/l	84
60) Dibromochloromethane	10.996	129	23257	15.110	ug/l	99
61) 1,2-Dibromoethane	11.099	107	16522	14.091	ug/l	98
64) Tetrachloroethene	10.727	164	28518	14.733	ug/l	96
65) Chlorobenzene	11.526	112	66380	14.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	25691	15.123	ug/l	98
67) Ethyl Benzene	11.605	91	116784	14.109	ug/l	99
68) m/p-Xylenes	11.715	106	88329	28.134	ug/l	95
69) o-Xylene	12.038	106	41654	14.290	ug/l	97
70) Styrene	12.057	104	60188	14.420	ug/l	97
71) Bromoform	12.215	173	13346	15.140	ug/l #	99
73) Isopropylbenzene	12.343	105	114836	13.917	ug/l	99
74) N-amyl acetate	12.154	43	19261	11.621	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.593	83	18227	13.766	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	24307	24.867	ug/l #	100
77) Bromobenzene	12.617	156	27003	14.479	ug/l	91
78) n-propylbenzene	12.684	91	135699	13.916	ug/l	98
79) 2-Chlorotoluene	12.764	91	75665	14.080	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	95441	14.346	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	6197	13.761	ug/l	87
82) 4-Chlorotoluene	12.867	91	78755	14.182	ug/l	99
83) tert-Butylbenzene	13.087	119	84393	14.402	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	94211	14.382	ug/l	99
85) sec-Butylbenzene	13.264	105	119890	14.321	ug/l	98
86) p-Isopropyltoluene	13.379	119	104322	14.472	ug/l	97
87) 1,3-Dichlorobenzene	13.379	146	52939	14.755	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	52215	14.891	ug/l	97
89) n-Butylbenzene	13.709	91	94438	14.186	ug/l	98
90) Hexachloroethane	13.971	117	19886	14.301	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	44972	14.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2791	13.249	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	26855	14.964	ug/l	100
94) Hexachlorobutadiene	15.123	225	16016	15.578	ug/l	99
95) Naphthalene	15.245	128	44379	13.827	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	20960	14.121	ug/l	96

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QLast Update : Thu Nov 09 00:45:52 2023
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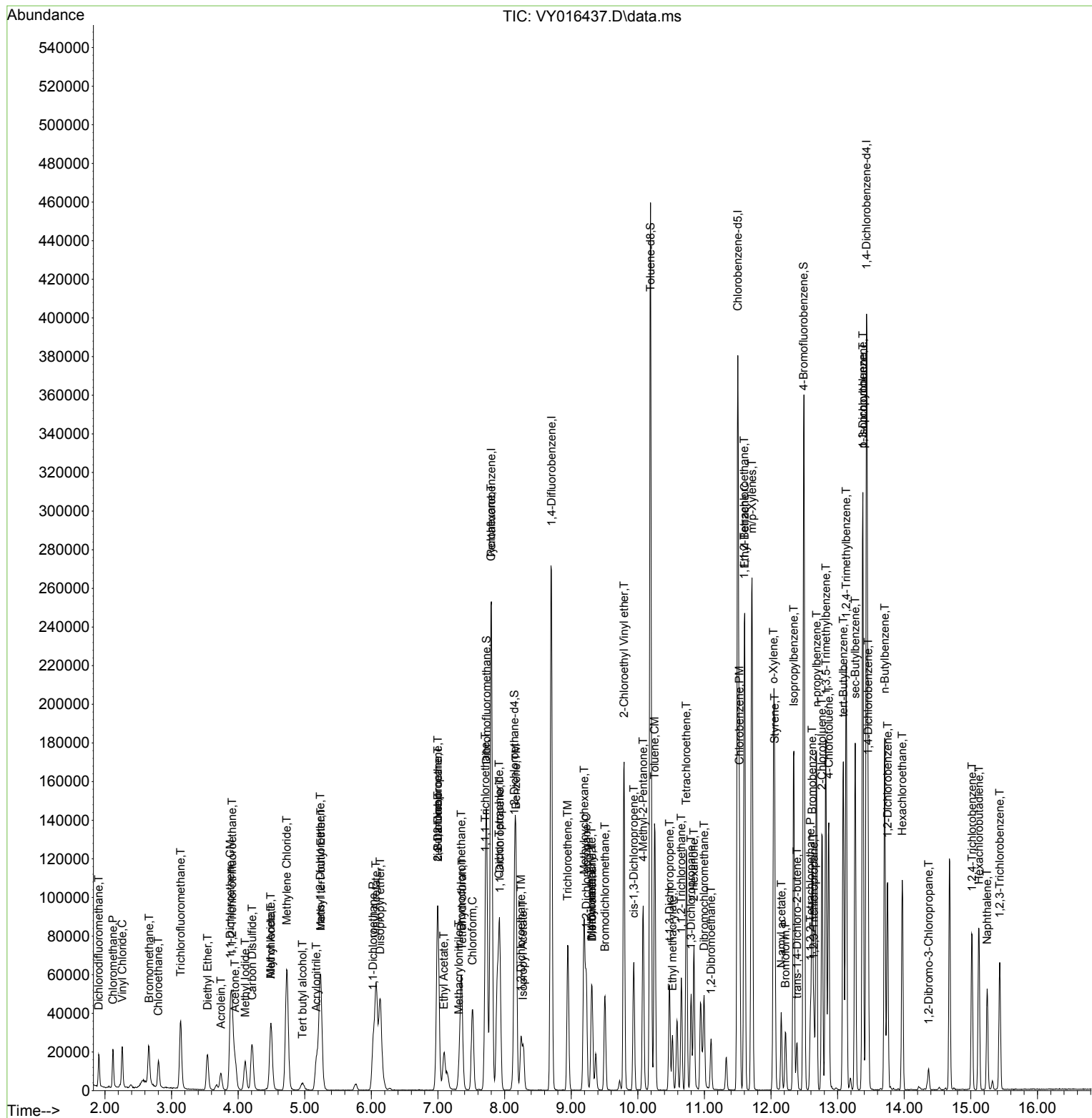
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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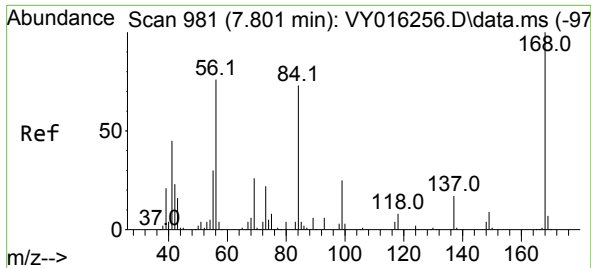
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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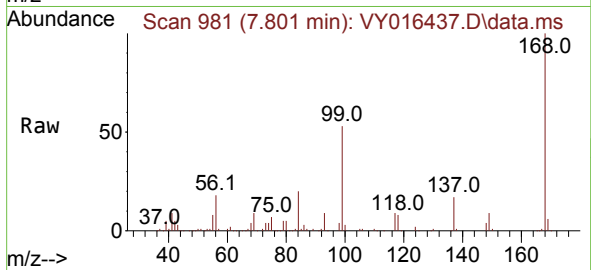
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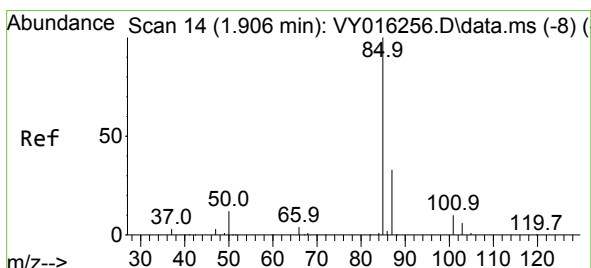
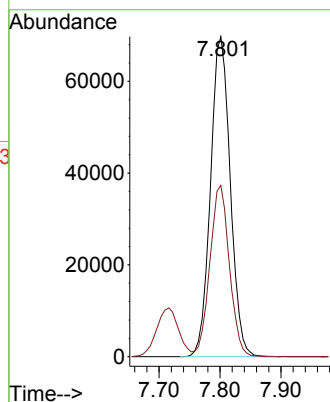
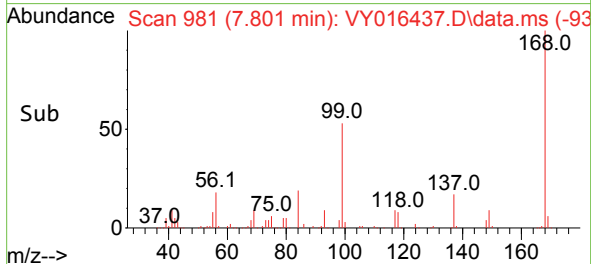


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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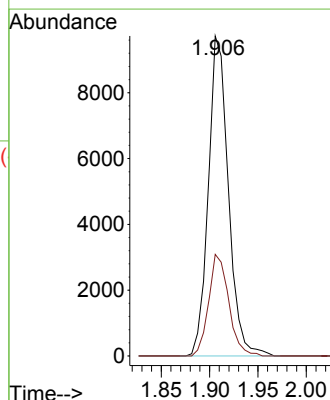
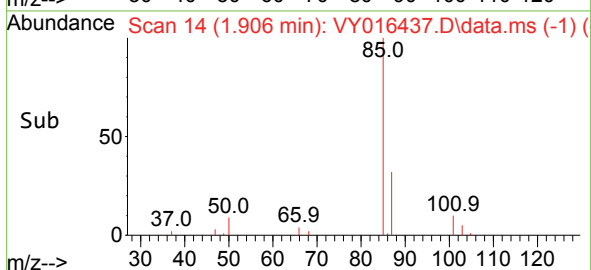
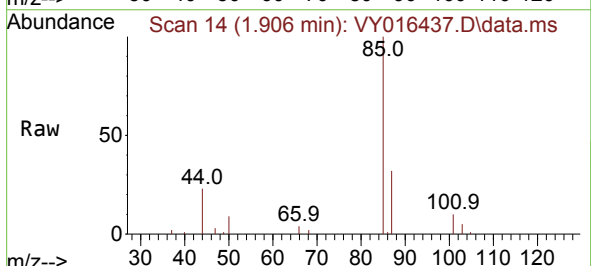


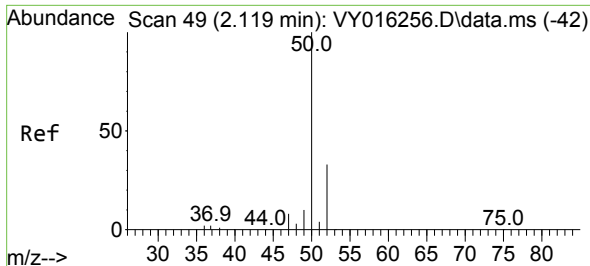
Tgt Ion:168 Resp: 157008
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 9.118 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 85 Resp: 14018
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

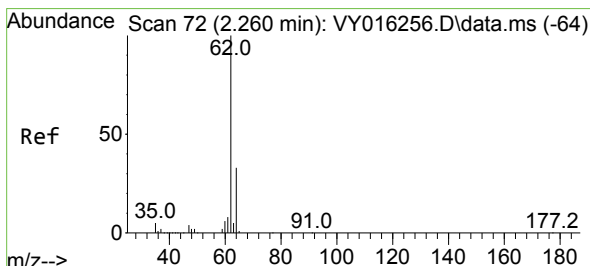
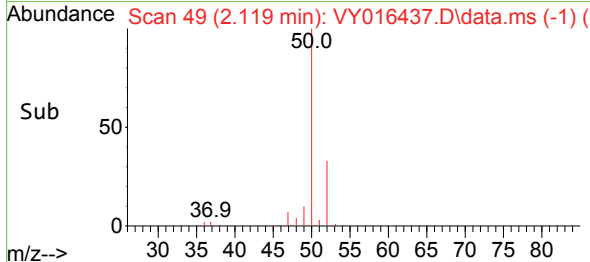
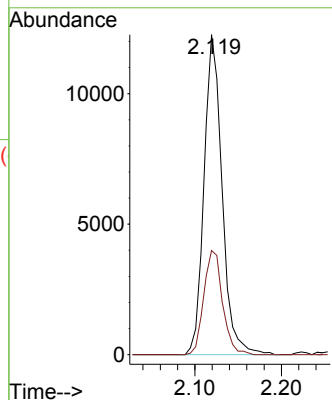
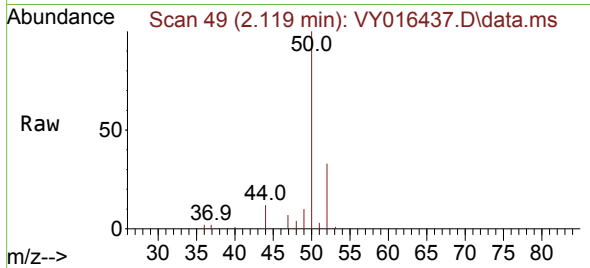




#3
Chloromethane
Concen: 9.854 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

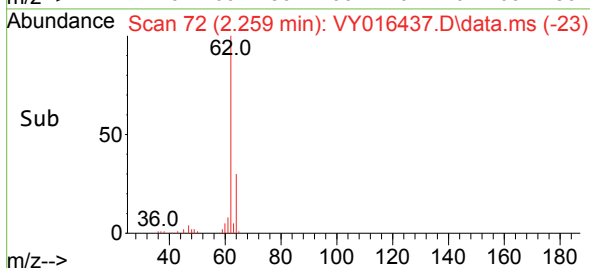
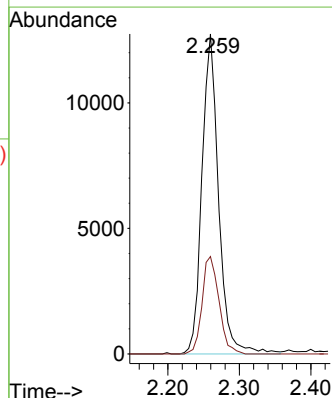
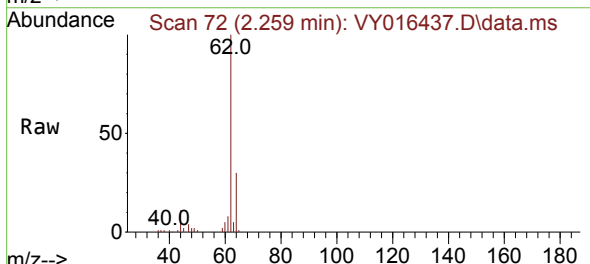
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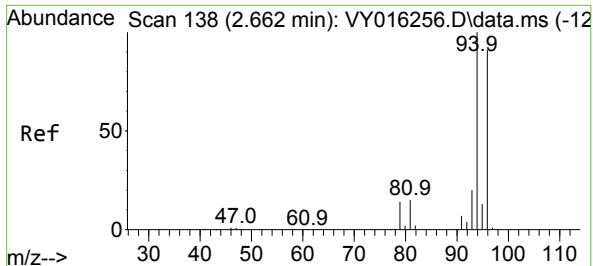
Tgt Ion: 50 Resp: 17743
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 10.654 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 62 Resp: 20627
Ion Ratio Lower Upper
62 100
64 30.5 24.3 36.5

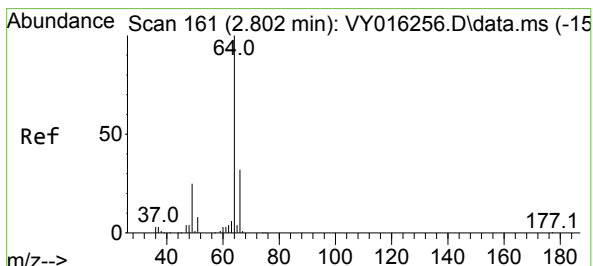
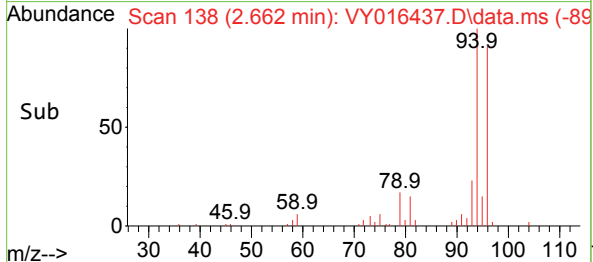
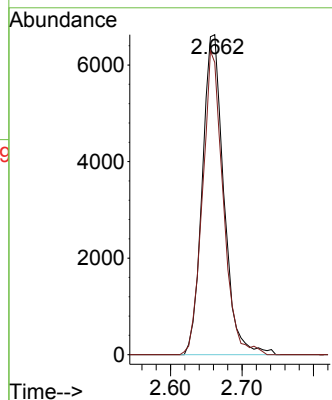
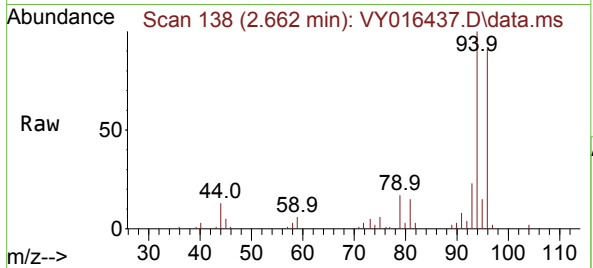




#5
Bromomethane
Concen: 10.892 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY016437.D
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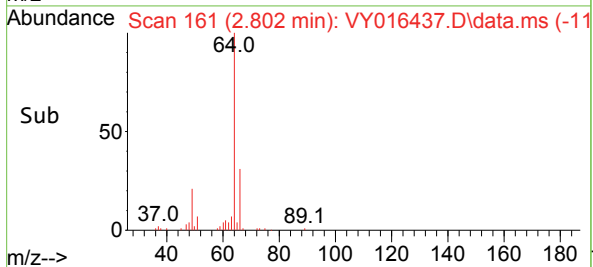
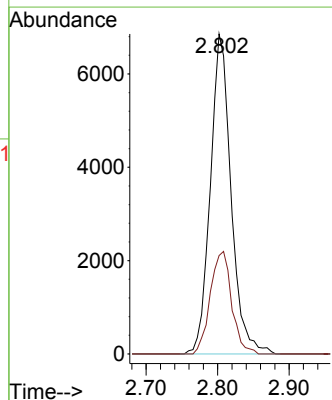
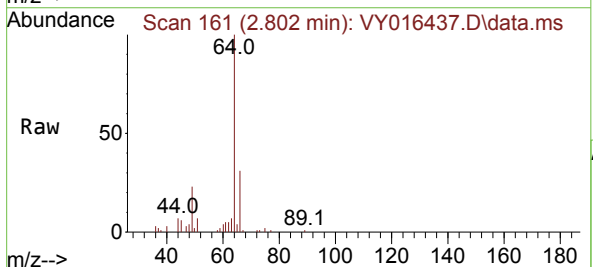
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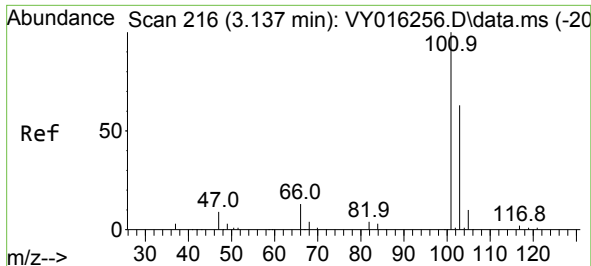
Tgt Ion: 94 Resp: 13859
Ion Ratio Lower Upper
94 100
96 91.3 75.8 113.6



#6
Chloroethane
Concen: 11.162 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

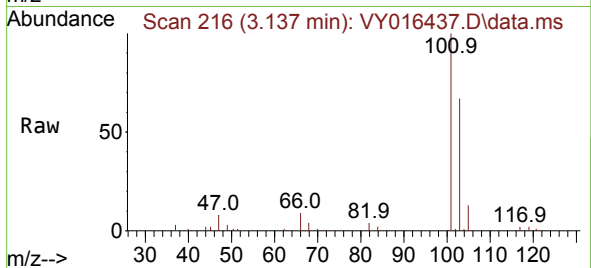
Tgt Ion: 64 Resp: 13789
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6



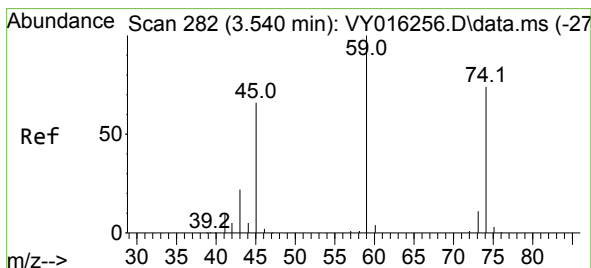
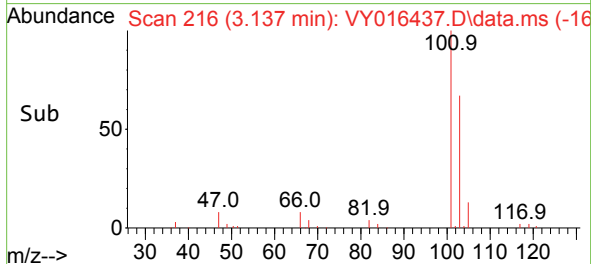
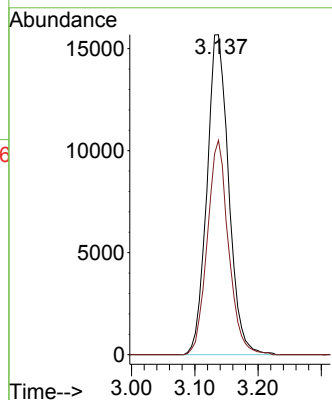


#7
 Trichlorofluoromethane
 Concen: 13.339 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016437.D
 Acq: 21 Nov 2023 14:56

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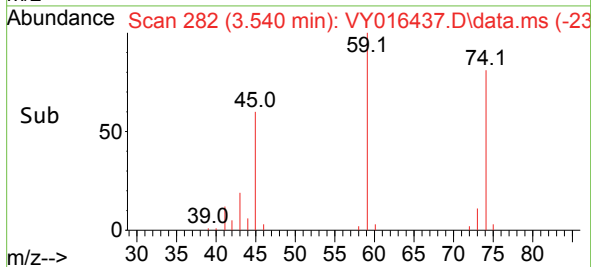
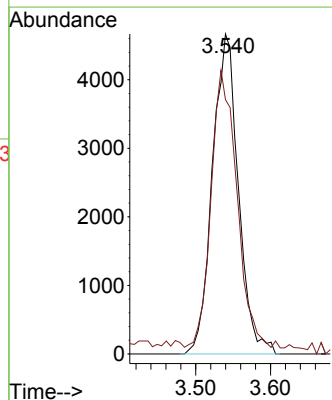
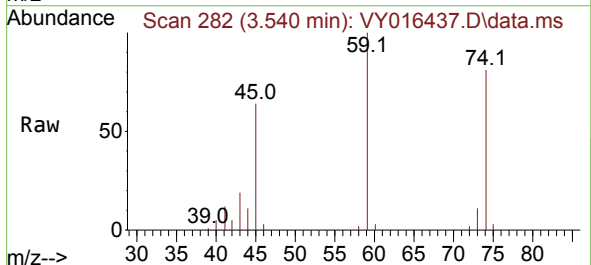


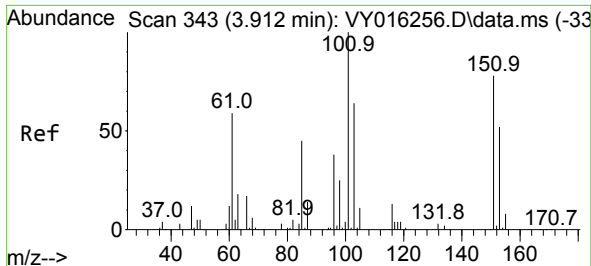
Tgt Ion:101 Resp: 37574
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 13.369 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016437.D
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Tgt Ion: 74 Resp: 11255
 Ion Ratio Lower Upper
 74 100
 45 85.8 51.5 154.5

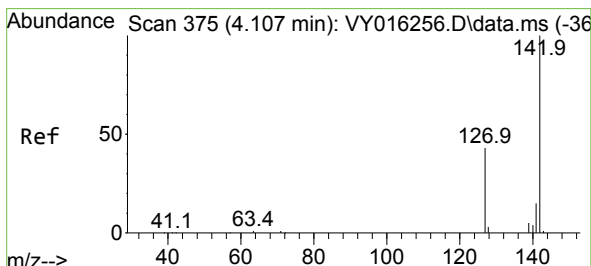
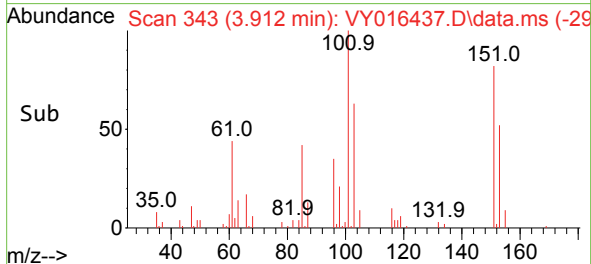
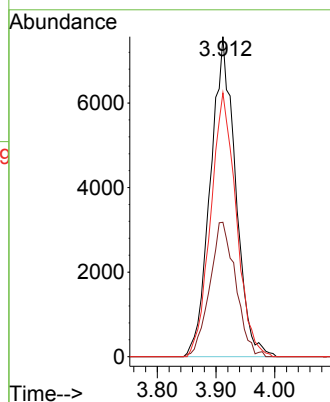
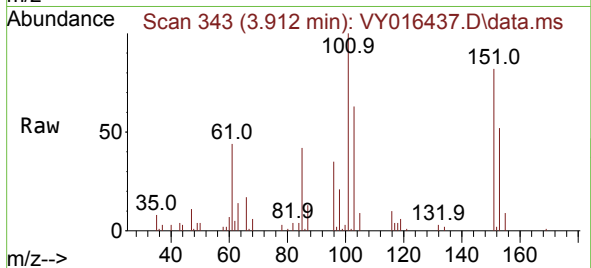




#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.236 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

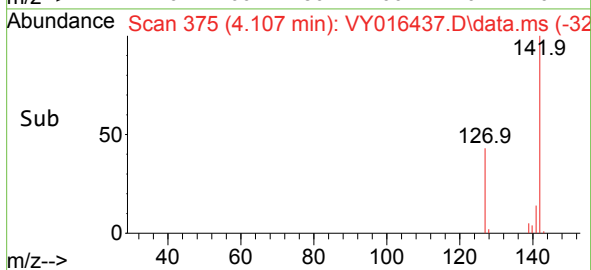
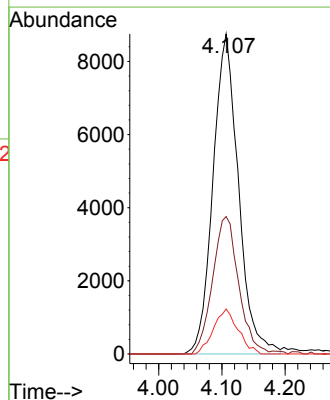
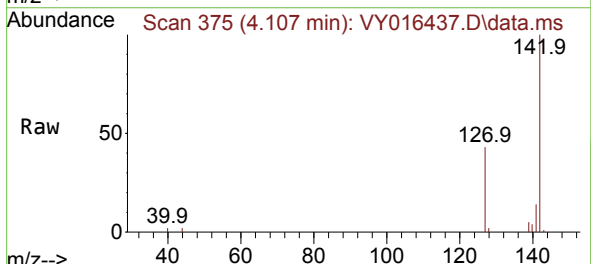
Instrument :
MSVOA_Y
ClientSampleId :

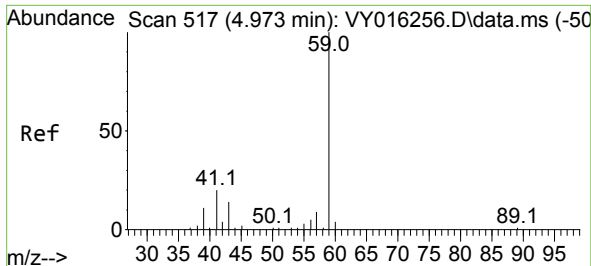
Tgt Ion:101 Resp: 22456
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 83.7 67.0 100.6



#10
Methyl Iodide
Concen: 13.316 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion:142 Resp: 24399
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 13.6 11.8 17.8

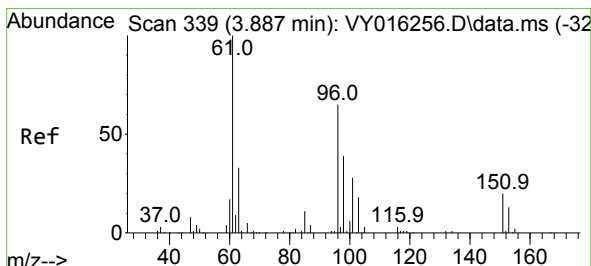
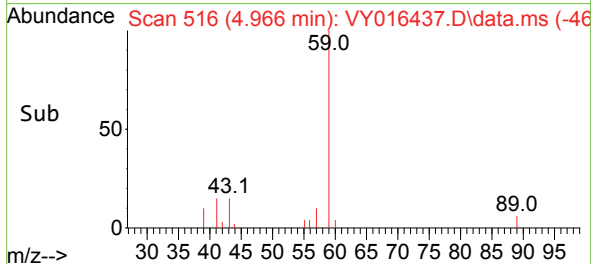
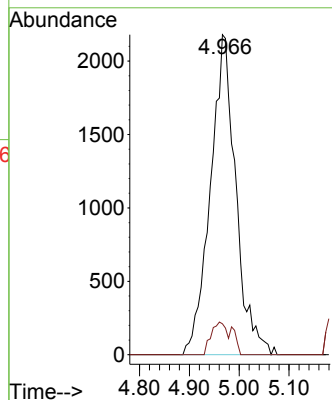
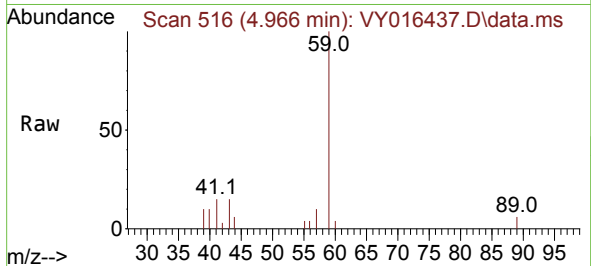




#11
Tert butyl alcohol
Concen: 68.870 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

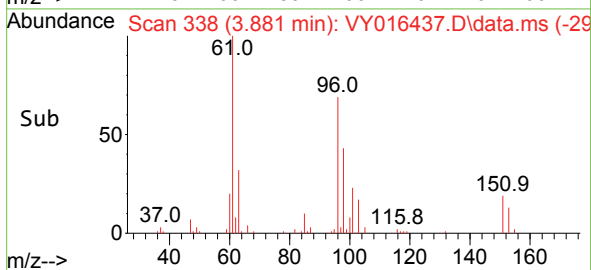
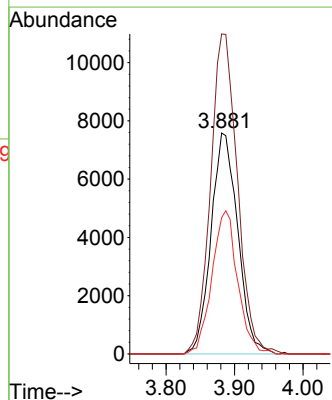
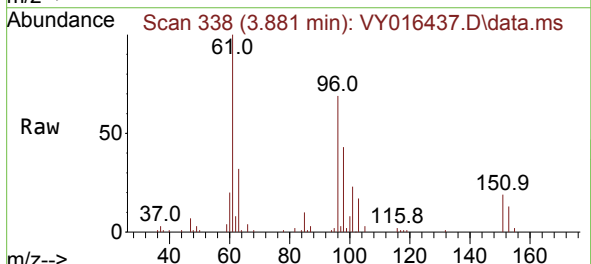
Instrument :
MSVOA_Y
ClientSampleId :

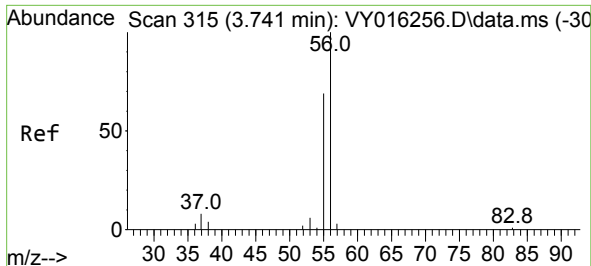
Tgt Ion: 59 Resp: 7739
Ion Ratio Lower Upper
59 100
57 6.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 12.926 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 96 Resp: 20508
Ion Ratio Lower Upper
96 100
61 144.8 136.4 204.6
98 61.7 49.4 74.2





#13

Acrolein

Concen: 80.899 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

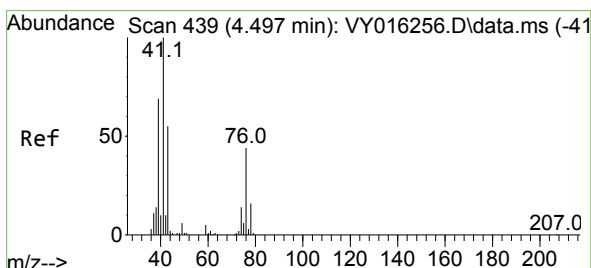
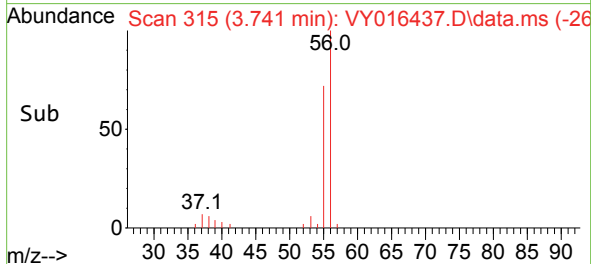
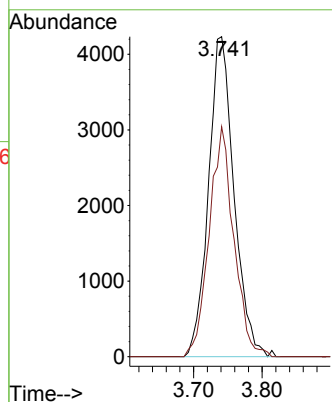
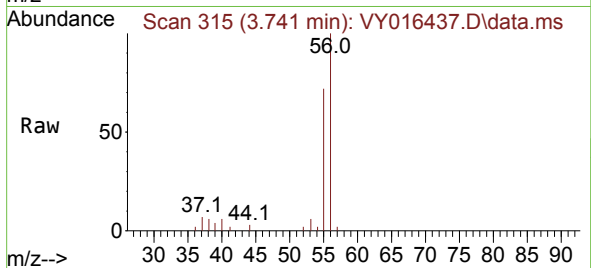
ClientSampleId :

Tgt Ion: 56 Resp: 10965

Ion Ratio Lower Upper

56 100

55 69.3 57.0 85.4



#14

Allyl chloride

Concen: 12.198 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

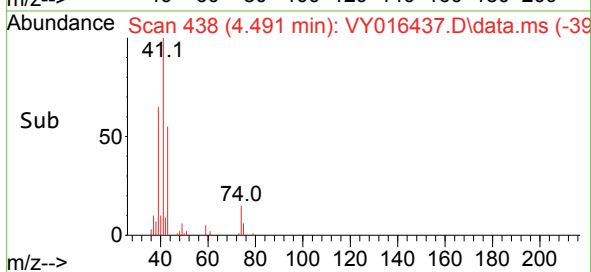
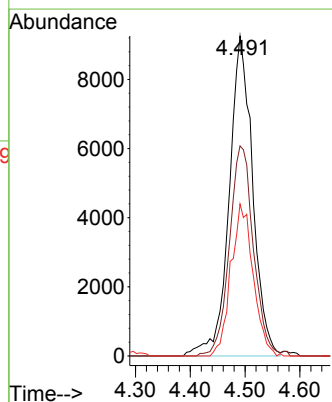
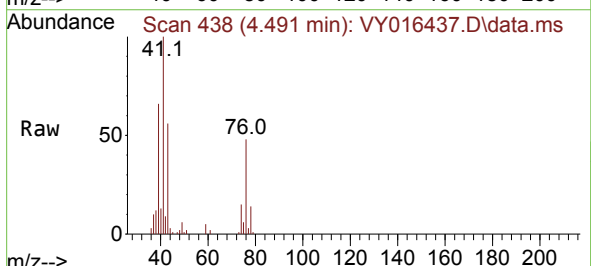
Tgt Ion: 41 Resp: 27465

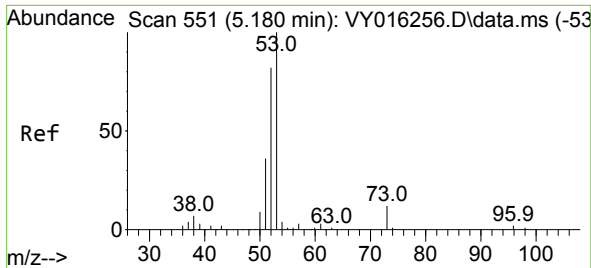
Ion Ratio Lower Upper

41 100

39 67.6 58.0 87.0

76 45.1 27.4 41.2#

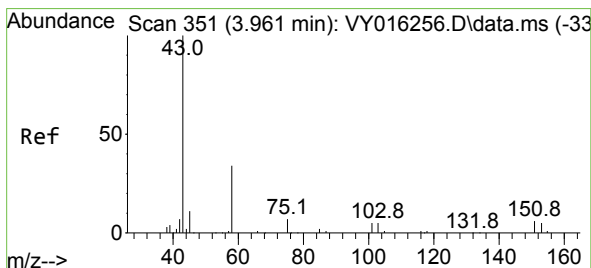
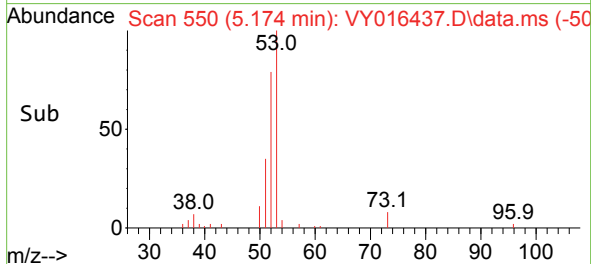
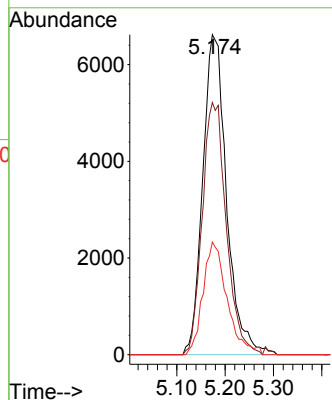
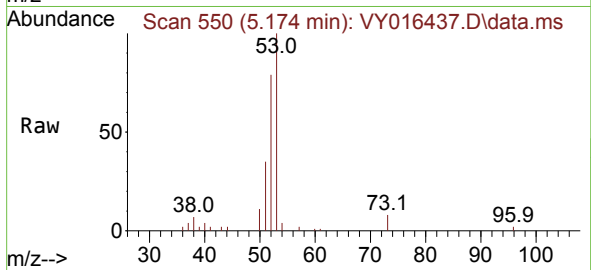




#15
Acrylonitrile
Concen: 67.856 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

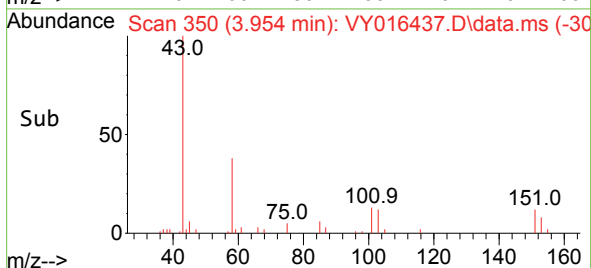
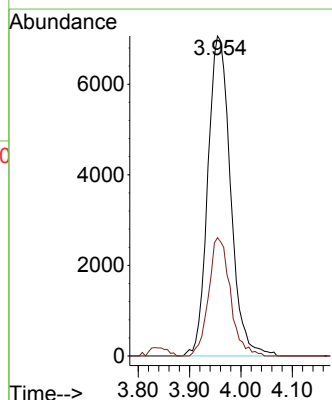
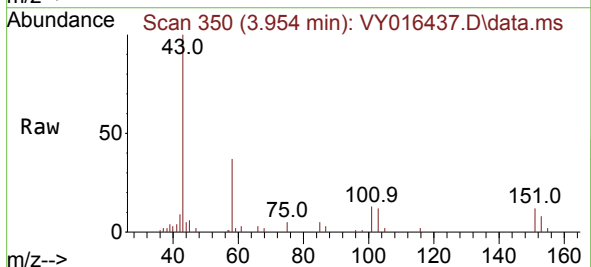
Instrument :
MSVOA_Y
ClientSampleId :

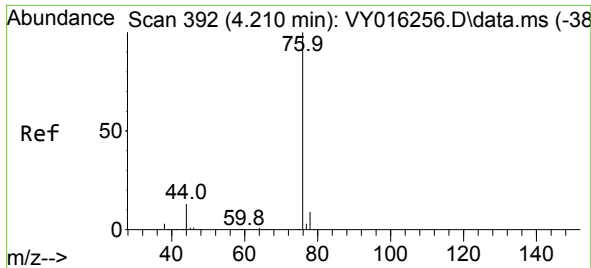
Tgt Ion: 53 Resp: 22670
Ion Ratio Lower Upper
53 100
52 79.3 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 91.096 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 43 Resp: 21623
Ion Ratio Lower Upper
43 100
58 36.9 22.7 34.1#





#17

Carbon Disulfide

Concen: 10.477 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

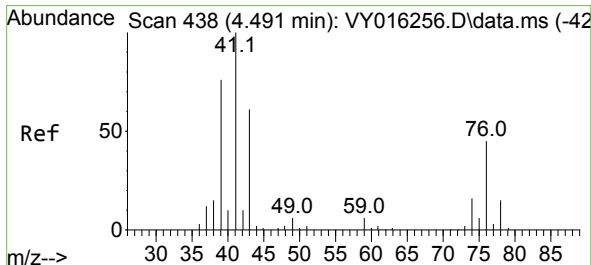
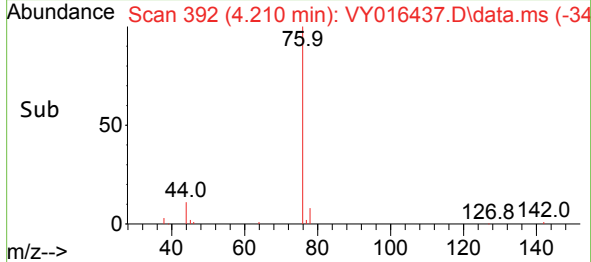
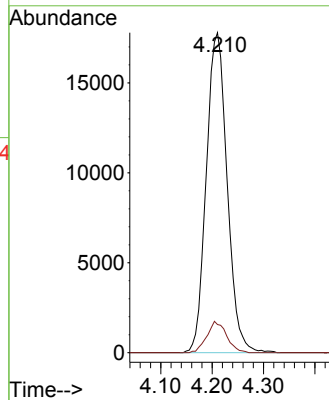
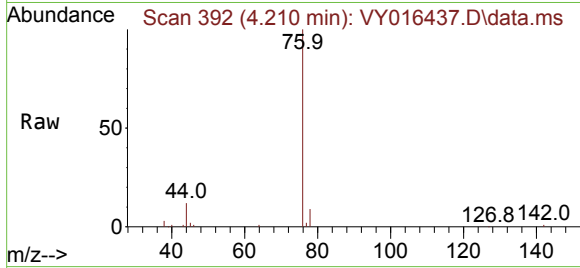
ClientSampleId :

Tgt Ion: 76 Resp: 50156

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 12.668 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016437.D

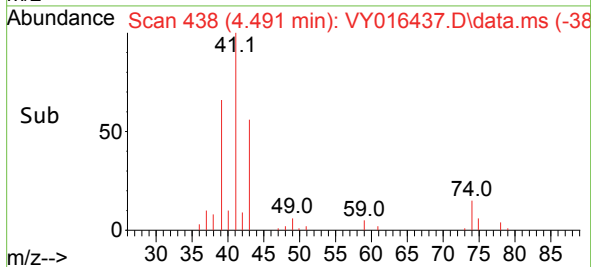
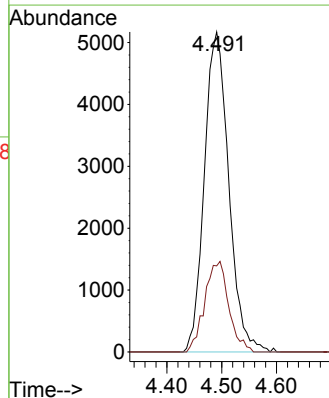
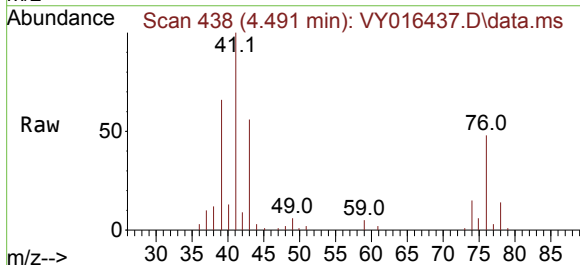
Acq: 21 Nov 2023 14:56

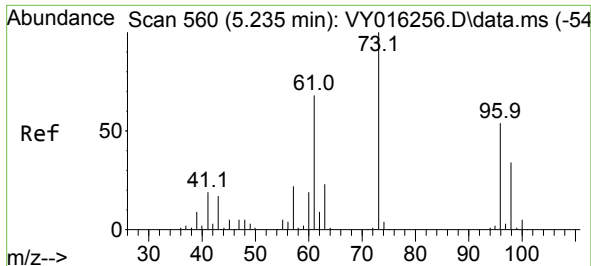
Tgt Ion: 43 Resp: 15978

Ion Ratio Lower Upper

43 100

74 27.9 17.4 26.0#

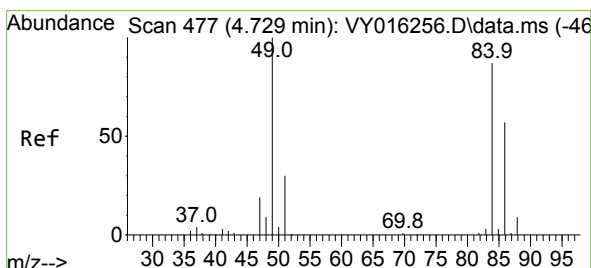
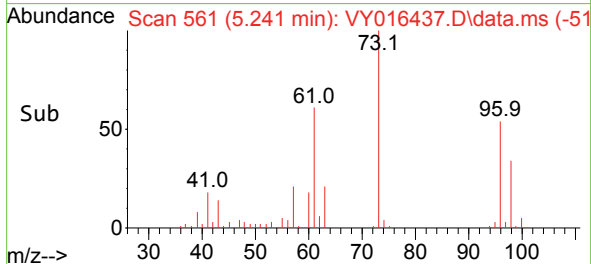
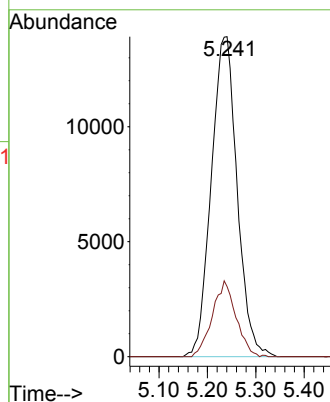
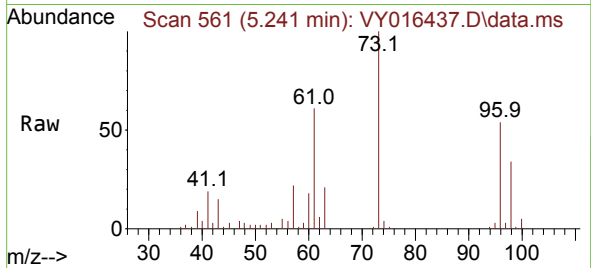




#19
Methyl tert-butyl Ether
Concen: 13.460 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

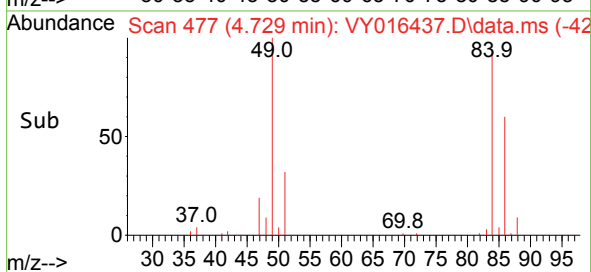
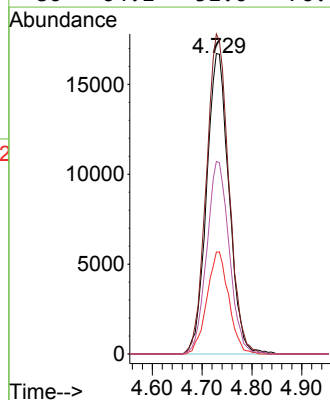
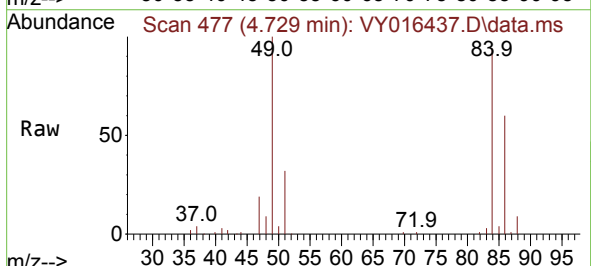
Instrument :
MSVOA_Y
ClientSampleId :

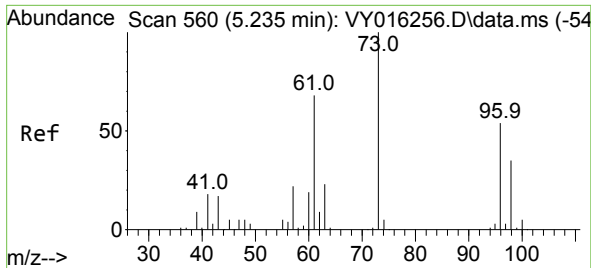
Tgt Ion: 73 Resp: 51688
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 29.696 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

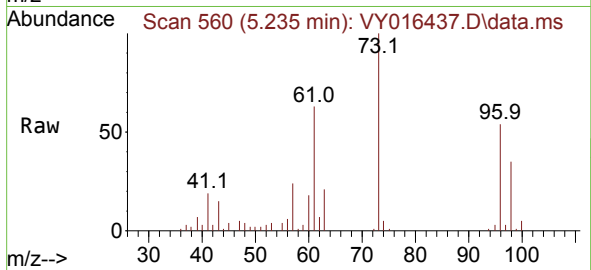
Tgt Ion: 84 Resp: 52166
Ion Ratio Lower Upper
84 100
49 106.5 106.9 160.3#
51 33.9 33.2 49.8
86 64.1 51.0 76.6



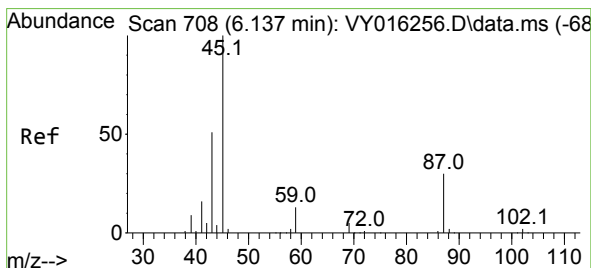
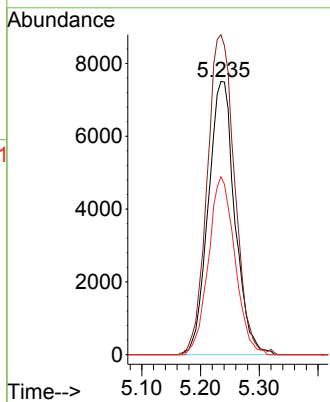
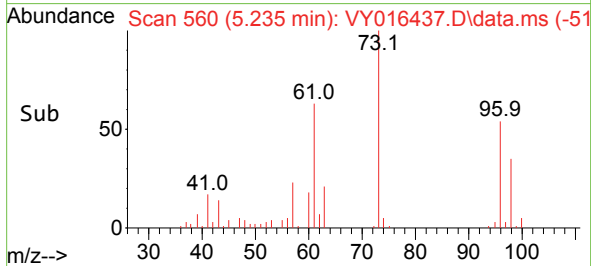


#21
trans-1,2-Dichloroethene
Concen: 12.927 ug/l
RT: 5.235 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

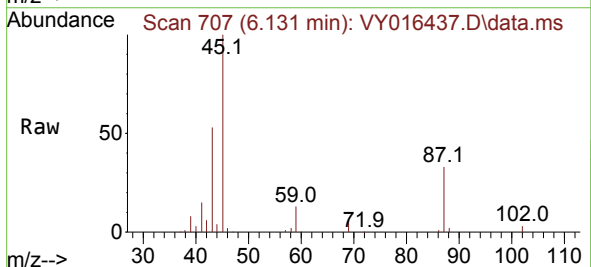
Instrument :
MSVOA_Y
ClientSampleId :



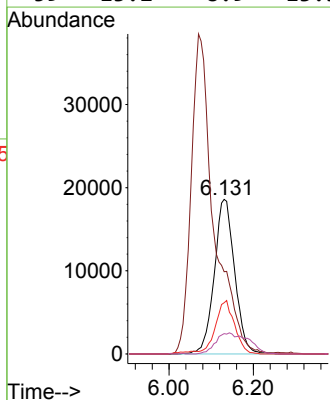
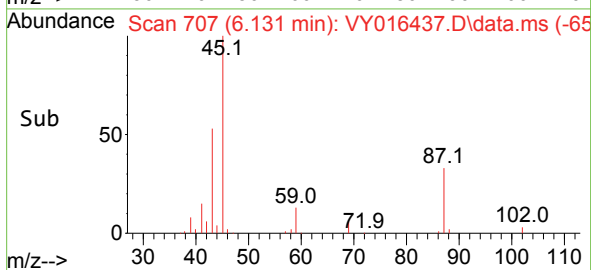
Tgt Ion: 96 Resp: 23615
Ion Ratio Lower Upper
96 100
61 117.1 110.2 165.4
98 65.1 51.8 77.6

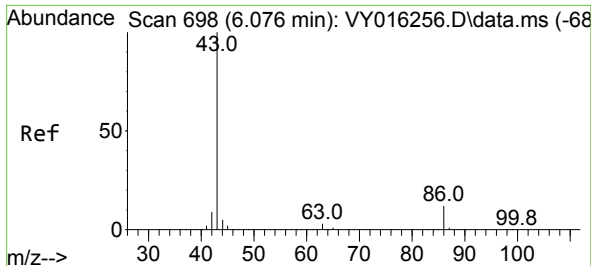


#22
Diisopropyl ether
Concen: 12.835 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56



Tgt Ion: 45 Resp: 62280
Ion Ratio Lower Upper
45 100
43 52.1 52.2 78.4#
87 33.1 21.0 31.6#
59 13.2 8.9 13.3

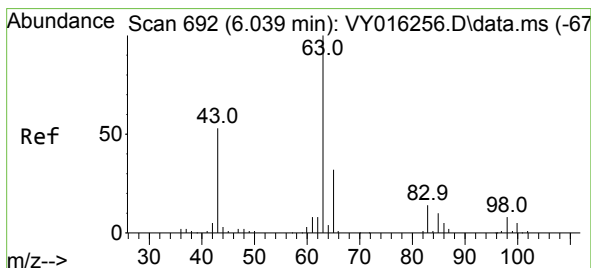
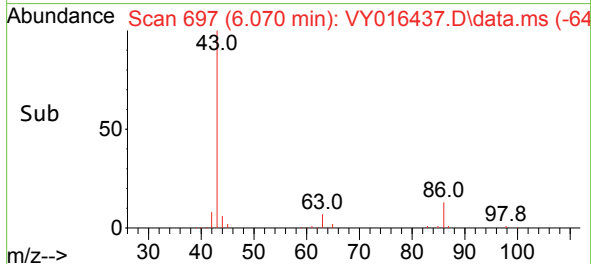
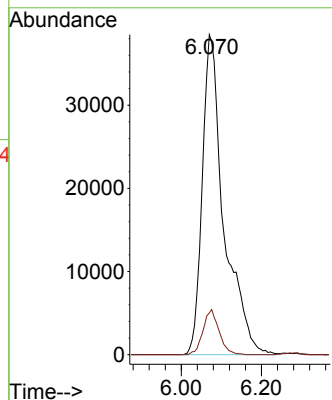
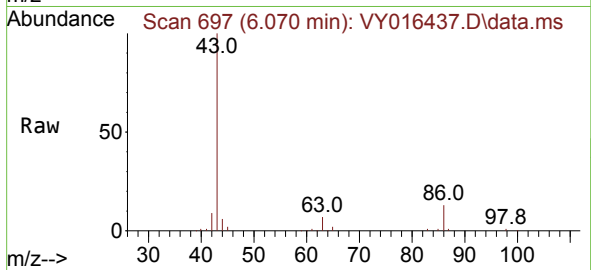




#23
 Vinyl Acetate
 Concen: 61.309 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY016437.D
 Acq: 21 Nov 2023 14:56

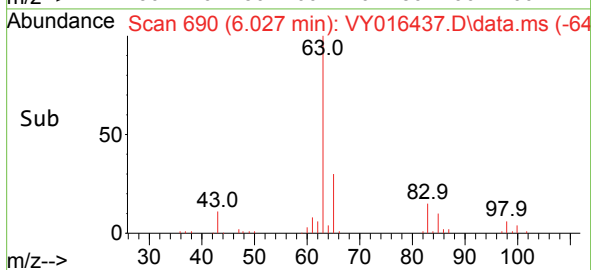
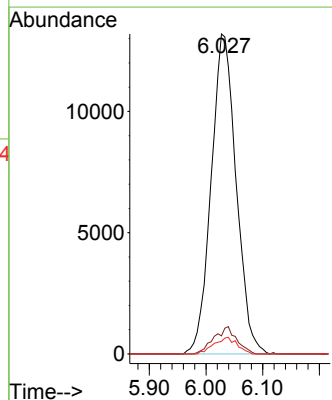
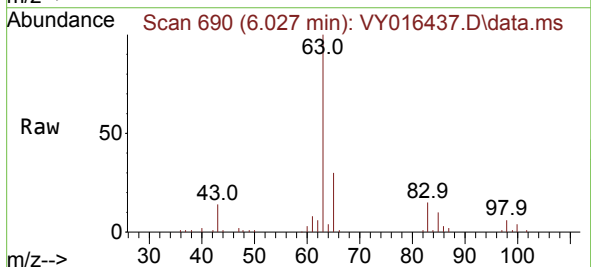
Instrument :
 MSVOA_Y
 ClientSampleId :

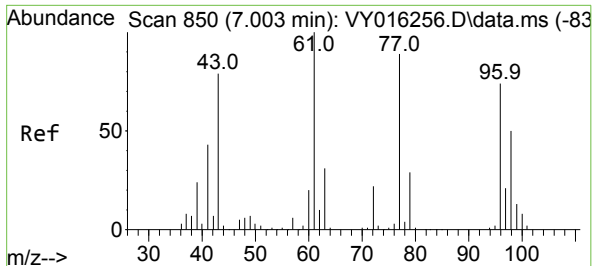
Tgt Ion: 43 Resp: 144148
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 13.503 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.012 min
 Lab File: VY016437.D
 Acq: 21 Nov 2023 14:56

Tgt Ion: 63 Resp: 40421
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.1 9.4
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 73.156 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

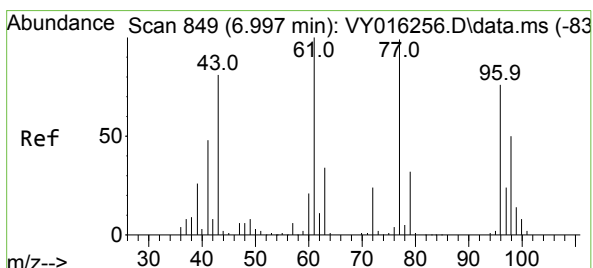
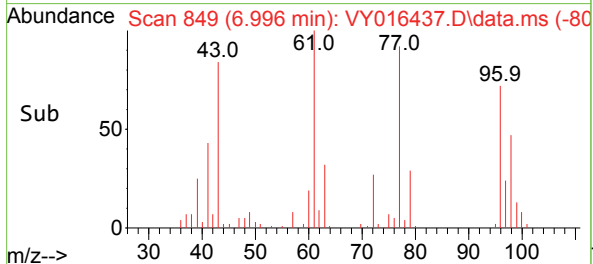
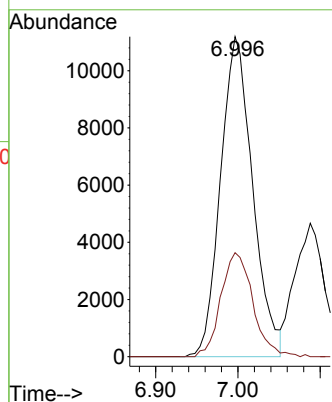
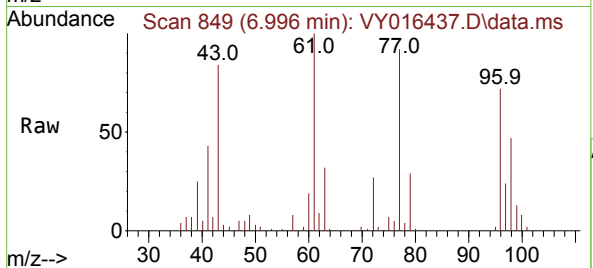
ClientSampleId :

Tgt Ion: 43 Resp: 30415

Ion Ratio Lower Upper

43 100

72 32.5 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 13.821 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016437.D

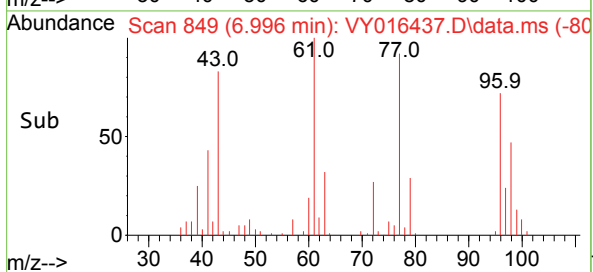
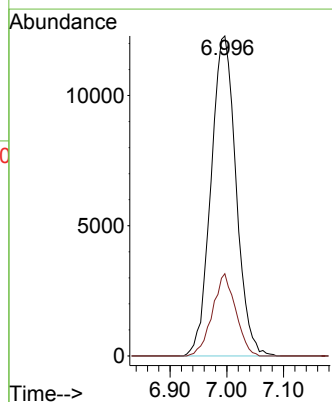
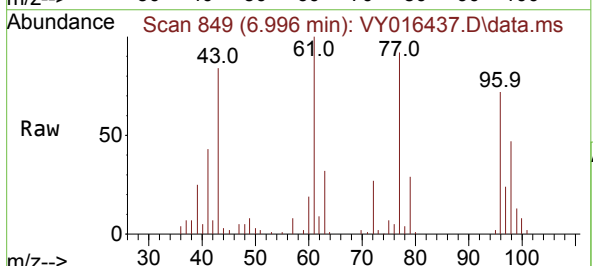
Acq: 21 Nov 2023 14:56

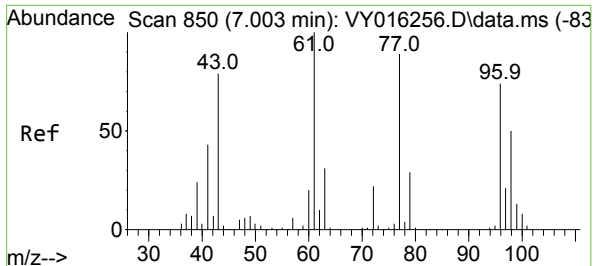
Tgt Ion: 77 Resp: 37656

Ion Ratio Lower Upper

77 100

97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 13.574 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

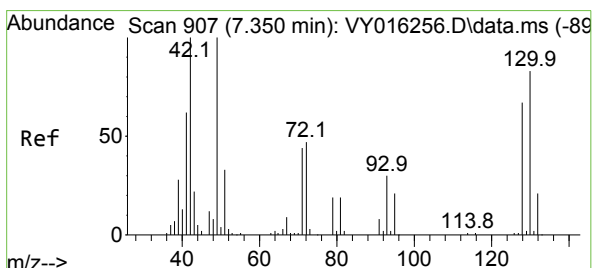
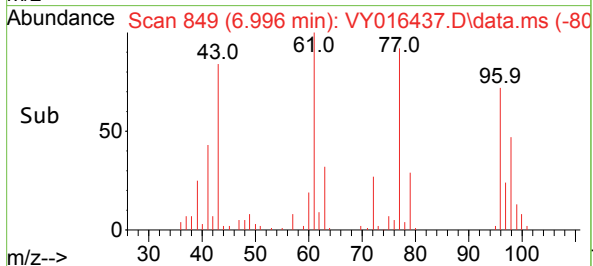
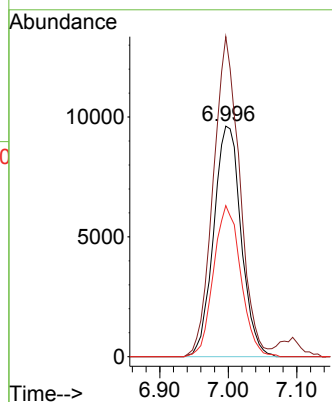
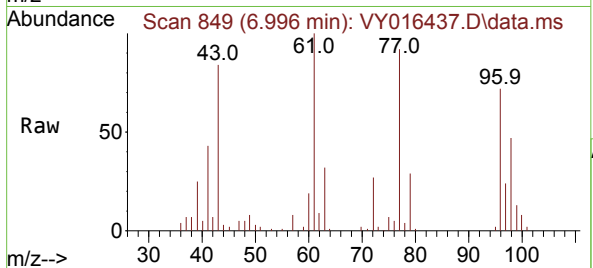
Tgt Ion: 96 Resp: 26723

Ion Ratio Lower Upper

96 100

61 133.4 0.0 301.4

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 19.449 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

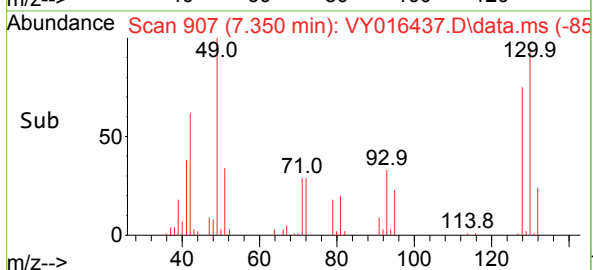
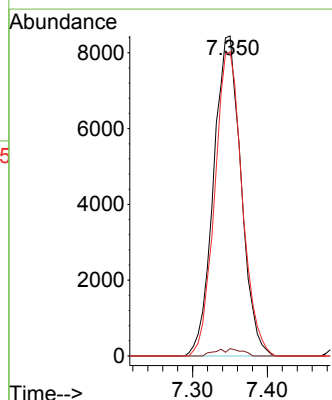
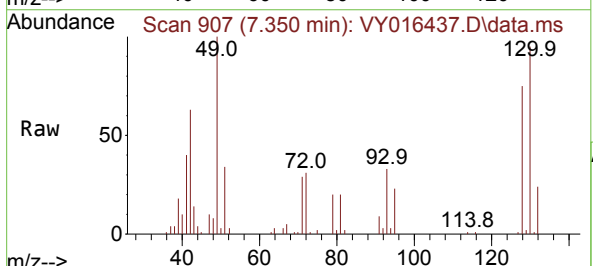
Tgt Ion: 49 Resp: 21547

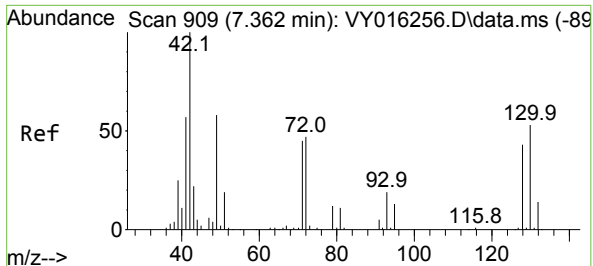
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.6

130 95.0 60.7 91.1#





#29

Tetrahydrofuran

Concen: 60.669 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

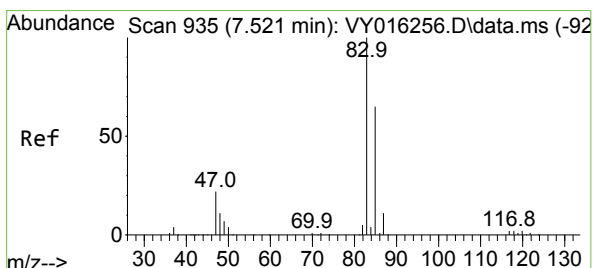
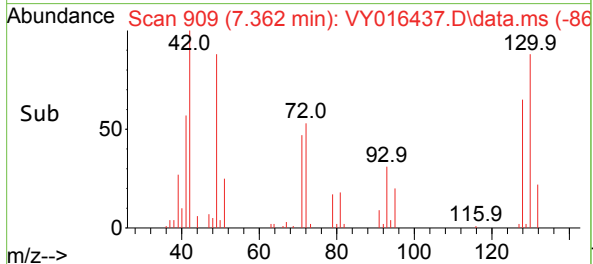
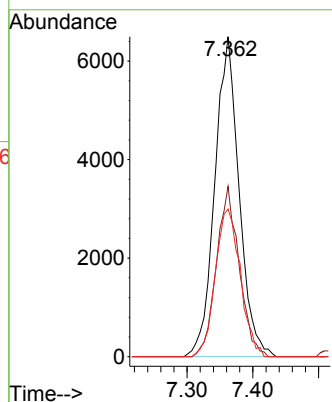
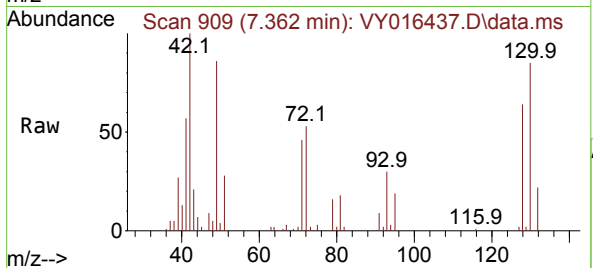
Tgt Ion: 42 Resp: 16672

Ion Ratio Lower Upper

42 100

72 49.9 32.8 49.2#

71 47.5 31.0 46.4#



#30

Chloroform

Concen: 14.053 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016437.D

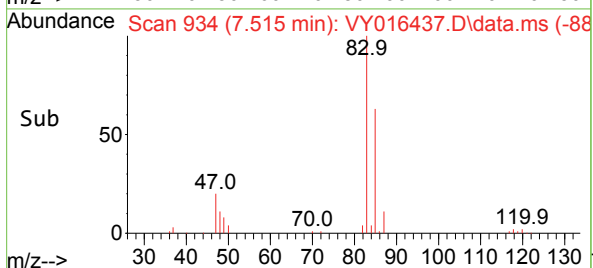
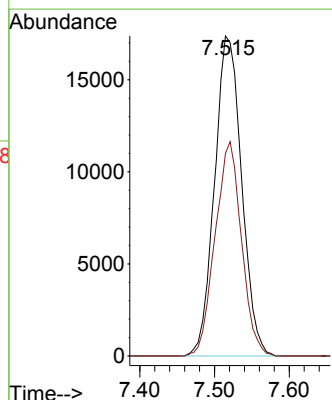
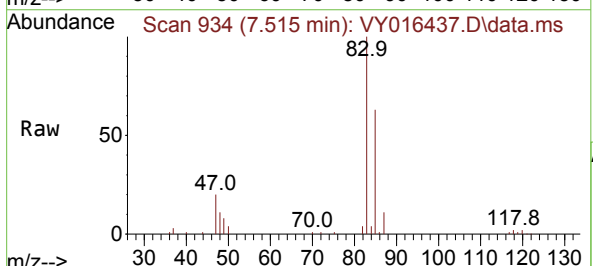
Acq: 21 Nov 2023 14:56

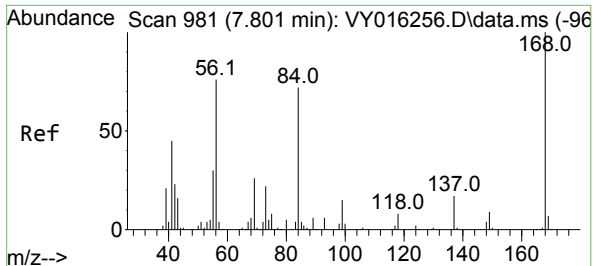
Tgt Ion: 83 Resp: 43787

Ion Ratio Lower Upper

83 100

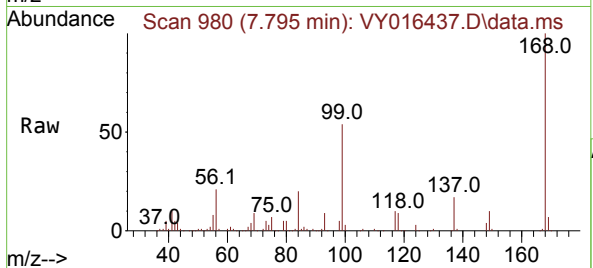
85 63.4 49.7 74.5



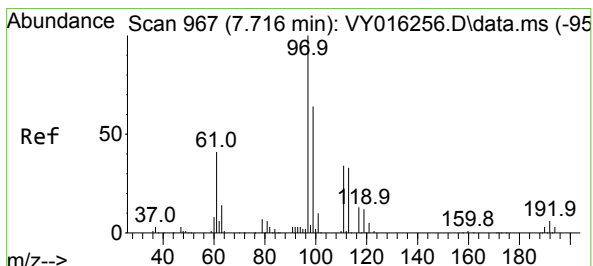
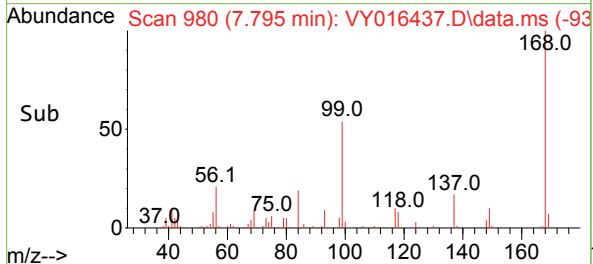
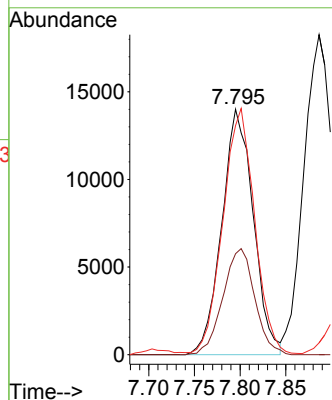


#31
Cyclohexane
Concen: 11.918 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :

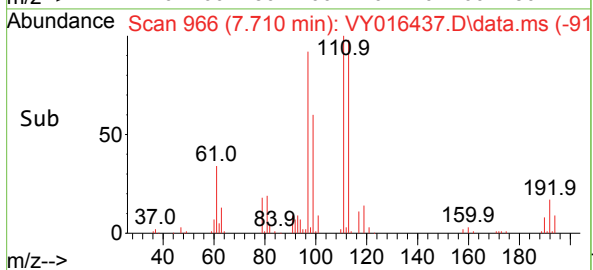
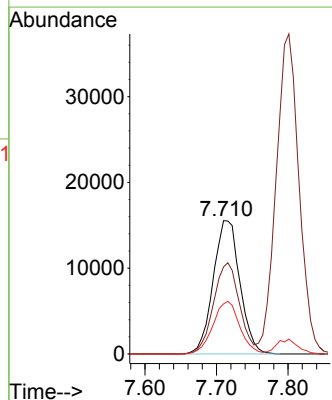
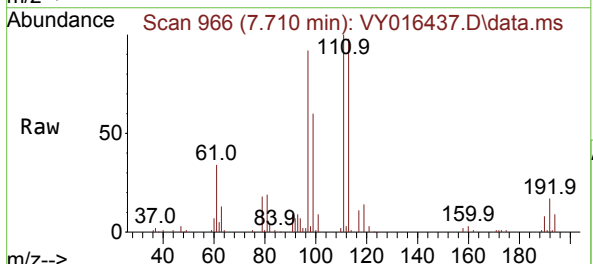


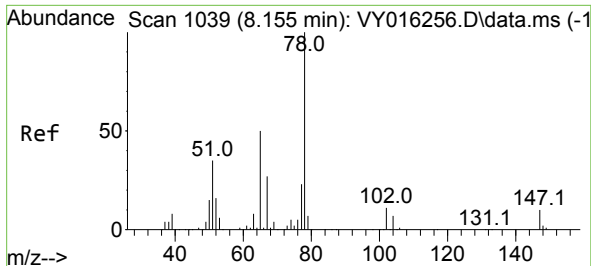
Tgt Ion: 56 Resp: 33670
Ion Ratio Lower Upper
56 100
69 41.1 27.8 41.6
84 92.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 14.115 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 97 Resp: 40315
Ion Ratio Lower Upper
97 100
99 66.4 50.8 76.2
61 39.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.115 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

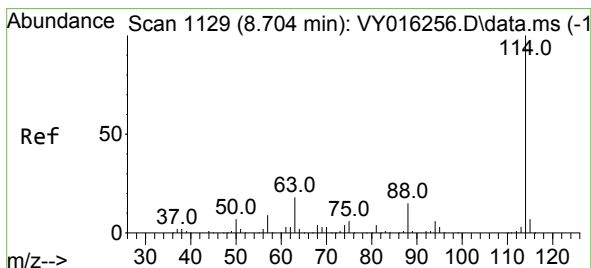
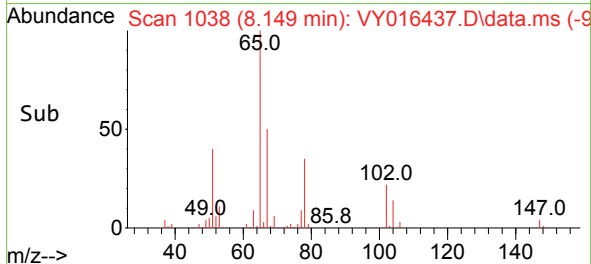
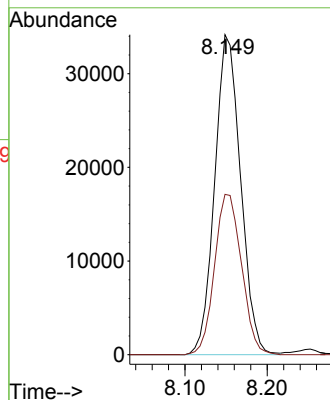
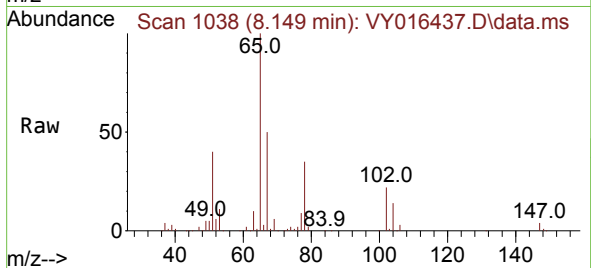
ClientSampleId :

Tgt Ion: 65 Resp: 74784

Ion Ratio Lower Upper

65 100

67 52.1 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: VY016437.D

Acq: 21 Nov 2023 14:56

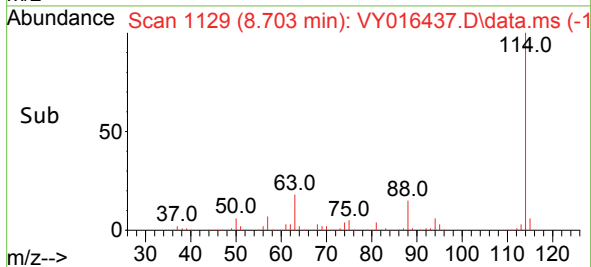
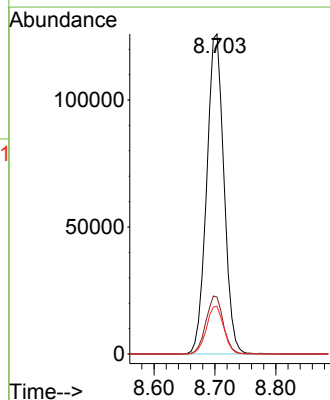
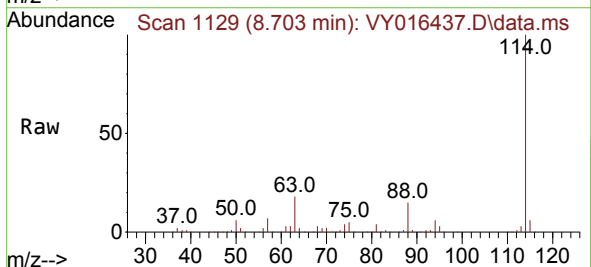
Tgt Ion: 114 Resp: 247572

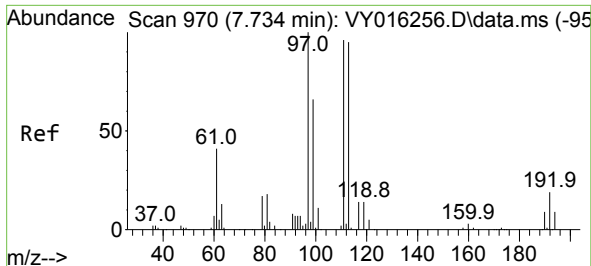
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

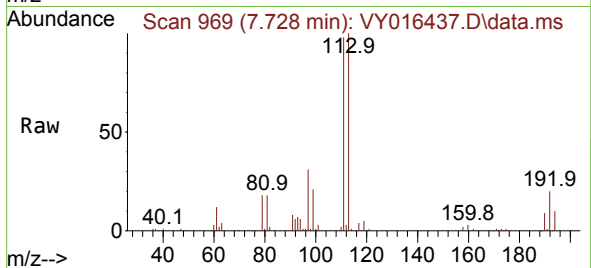
88 14.9 0.0 30.6



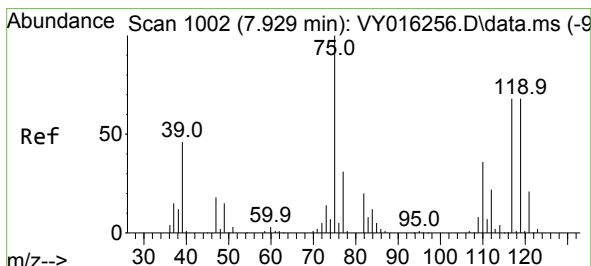
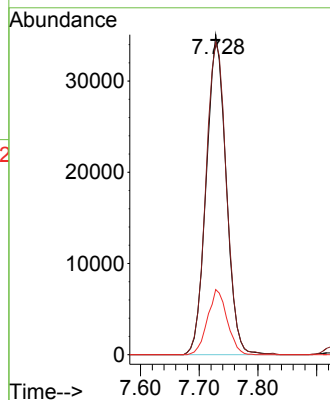
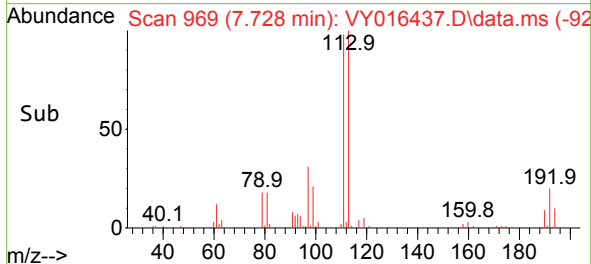


#35
Dibromofluoromethane
Concen: 58.348 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :

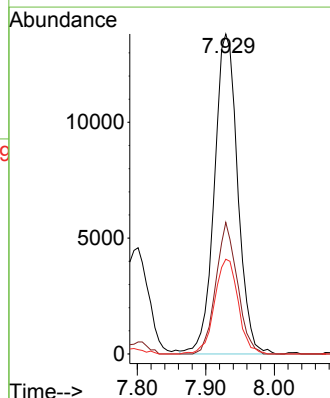
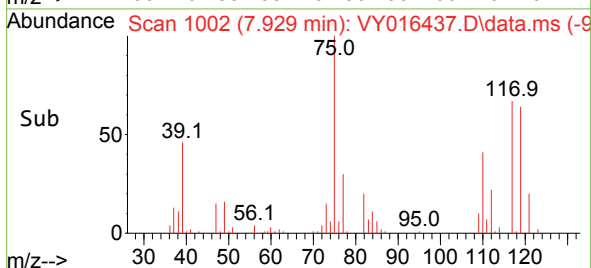
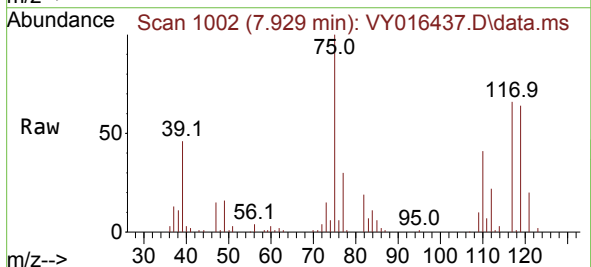


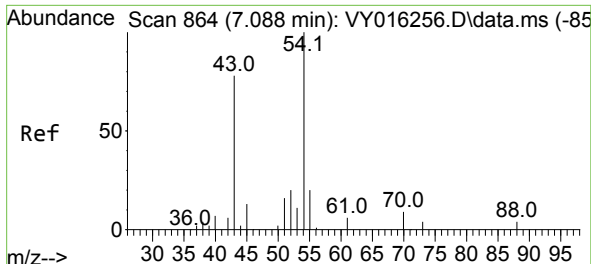
Tgt Ion:113 Resp: 82058
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 13.365 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 75 Resp: 32637
Ion Ratio Lower Upper
75 100
110 37.8 17.8 53.5
77 30.0 24.4 36.6





#37

Ethyl Acetate

Concen: 12.237 ug/l

RT: 7.088 min Scan# 8

Delta R.T. -0.000 min

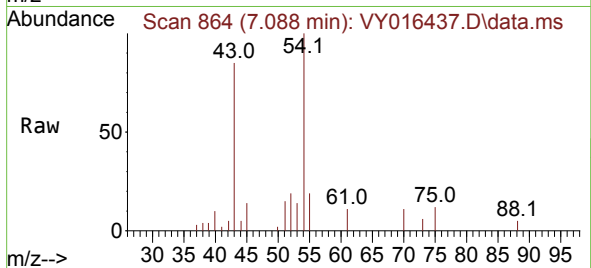
Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

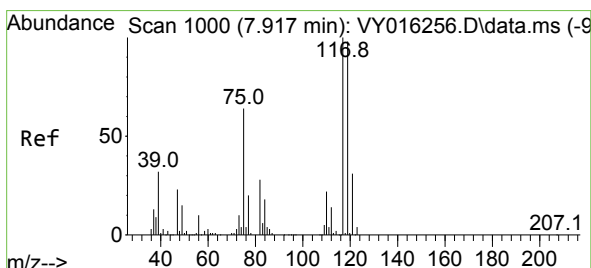
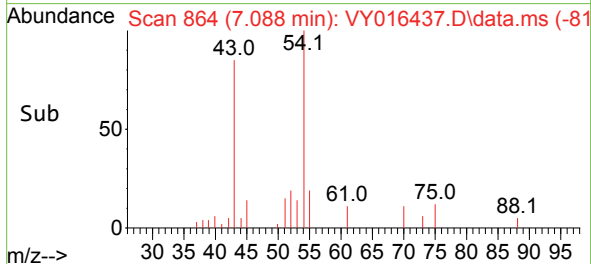
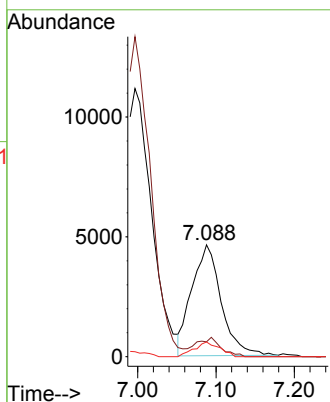
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 12074
Ion Ratio	Lower Upper
43	100
61	15.3 10.1 15.1#
70	11.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 14.723 ug/l

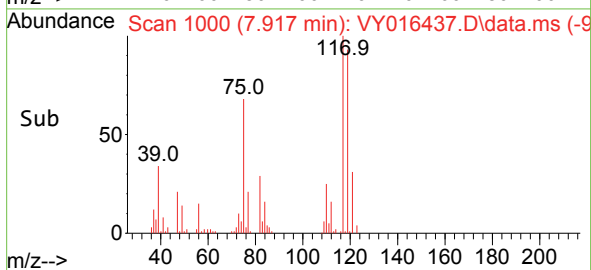
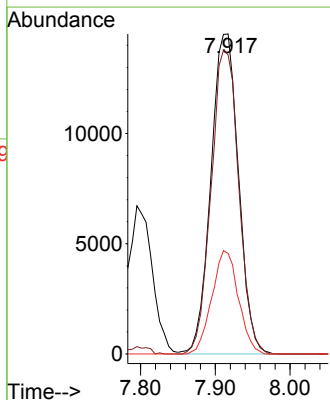
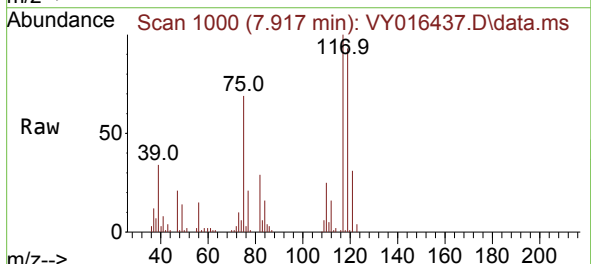
RT: 7.917 min Scan# 1000

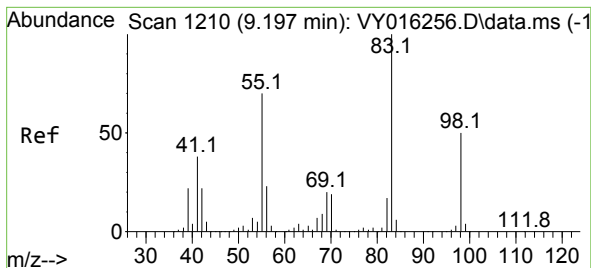
Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Tgt Ion: 117	Resp: 37315
Ion Ratio	Lower Upper
117	100
119	93.5 76.4 114.6
121	31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 12.485 ug/l

RT: 9.197 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

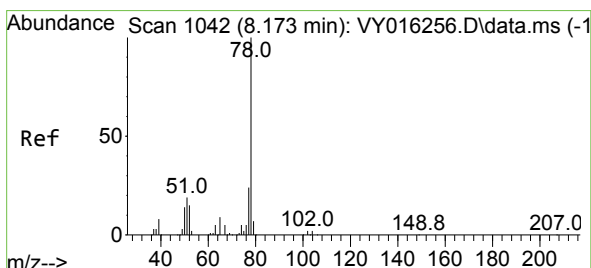
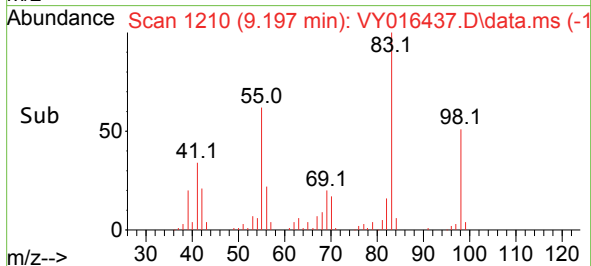
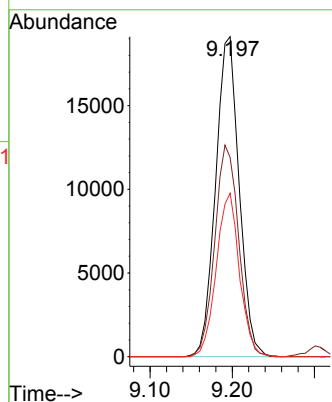
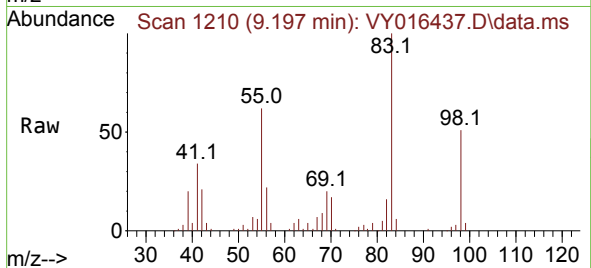
Tgt Ion: 83 Resp: 37990

Ion Ratio Lower Upper

83 100

55 62.2 63.0 94.4#

98 51.1 37.4 56.2



#40

Benzene

Concen: 13.825 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016437.D

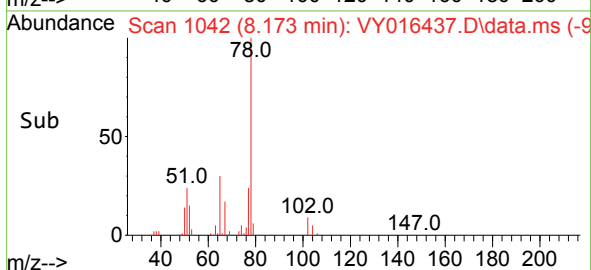
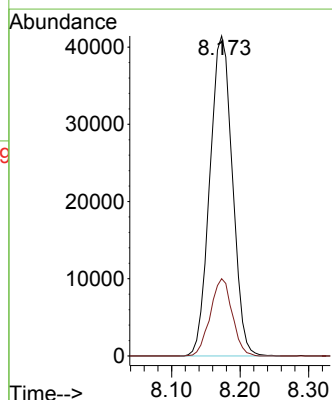
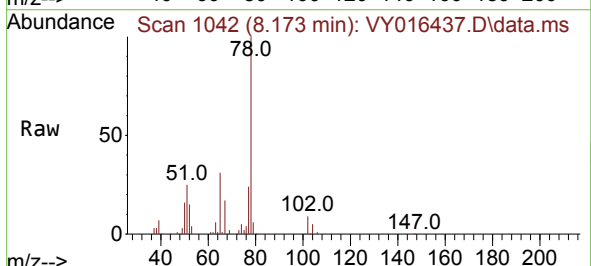
Acq: 21 Nov 2023 14:56

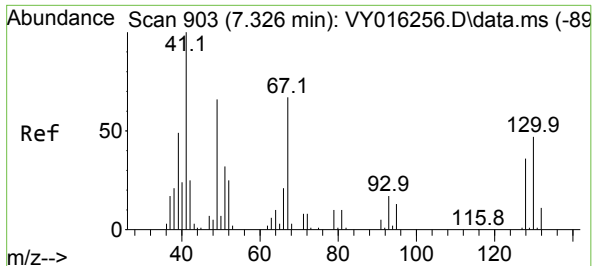
Tgt Ion: 78 Resp: 94853

Ion Ratio Lower Upper

78 100

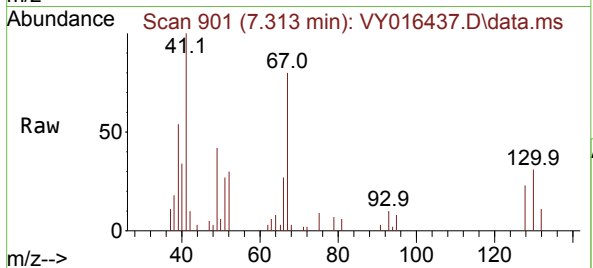
77 24.2 19.0 28.6



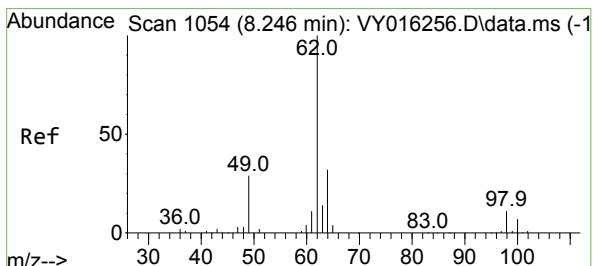
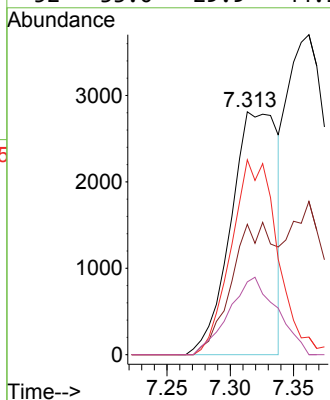
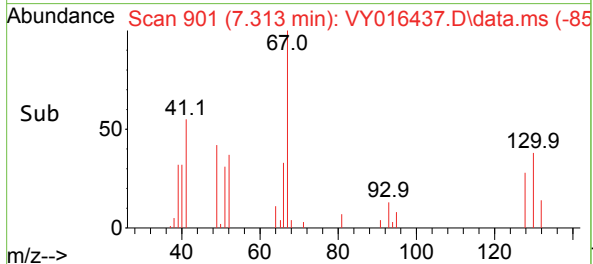


#41
Methacrylonitrile
Concen: 14.494 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :

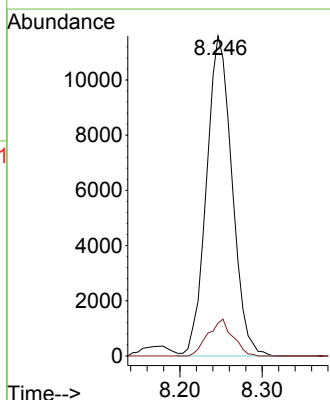
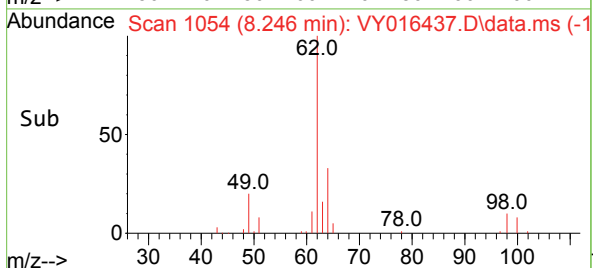
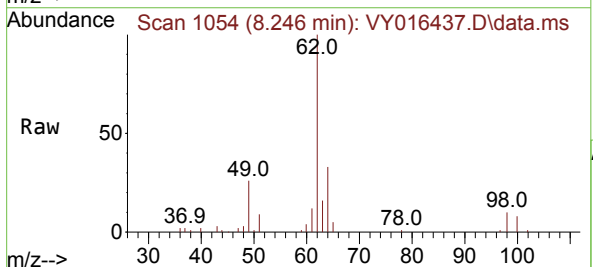


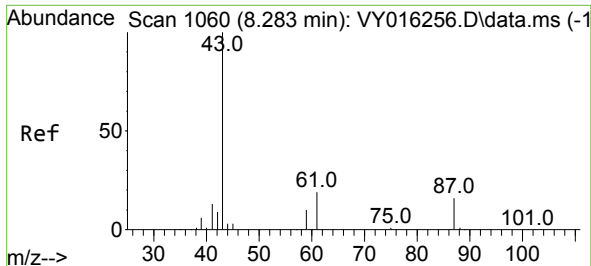
Tgt Ion: 41 Resp: 7211
Ion Ratio Lower Upper
41 100
39 51.2 52.1 78.1#
67 80.3 66.2 99.2
52 33.0 29.9 44.9



#42
1,2-Dichloroethane
Concen: 14.093 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 62 Resp: 25053
Ion Ratio Lower Upper
62 100
98 11.1 0.0 15.8

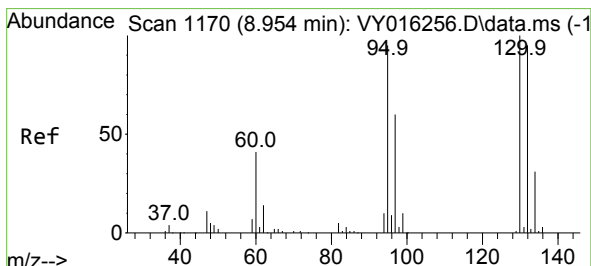
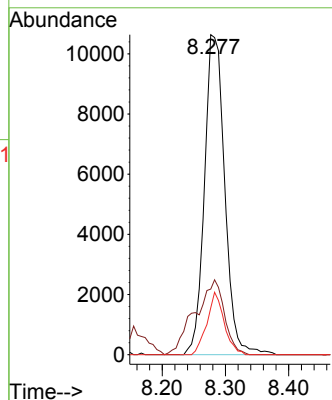
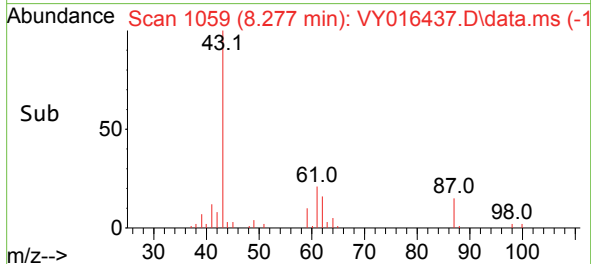
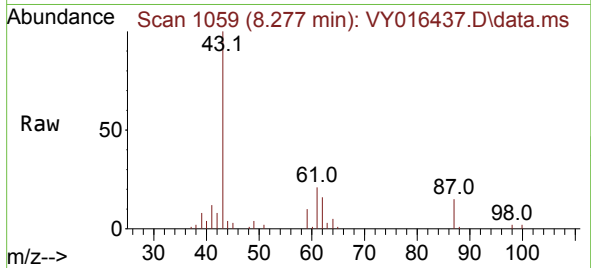




#43
Isopropyl Acetate
Concen: 12.466 ug/l
RT: 8.277 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

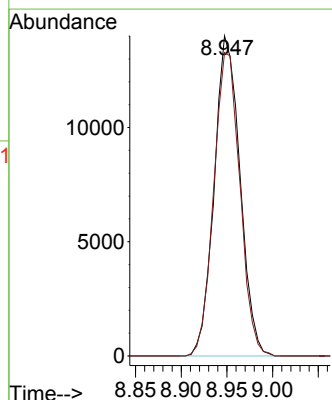
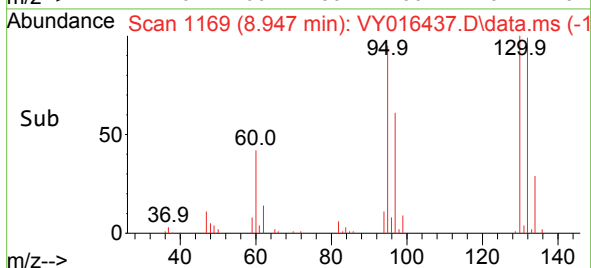
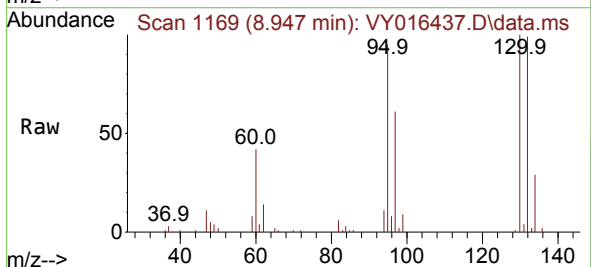
Instrument :
MSVOA_Y
ClientSampleId :

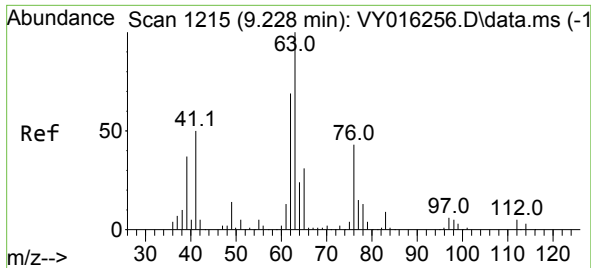
Tgt Ion: 43 Resp: 23777
Ion Ratio Lower Upper
43 100
61 33.8 21.1 31.7#
87 16.6 9.8 14.8#



#44
Trichloroethene
Concen: 13.936 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion:130 Resp: 27479
Ion Ratio Lower Upper
130 100
95 94.8 0.0 196.0

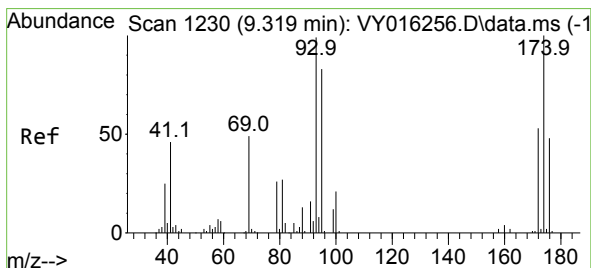
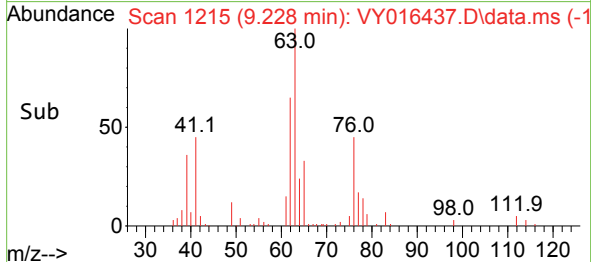
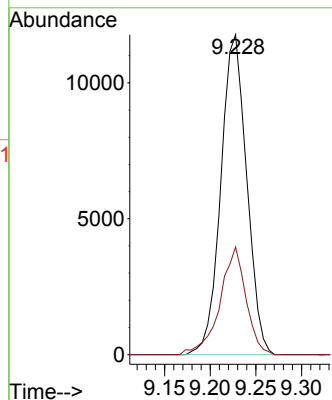
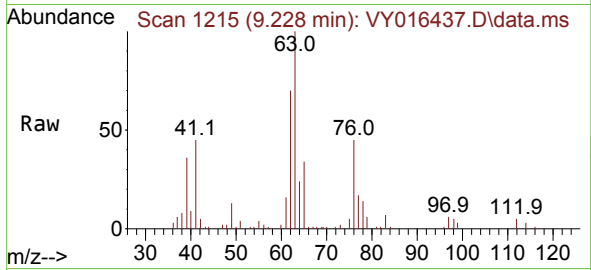




#45
1,2-Dichloropropane
Concen: 14.053 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

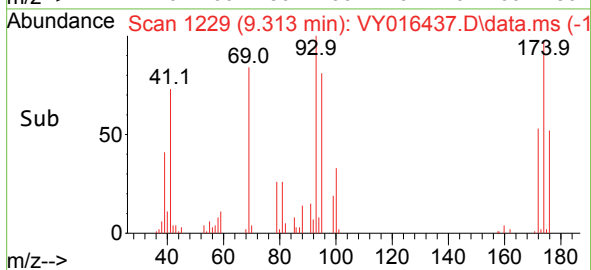
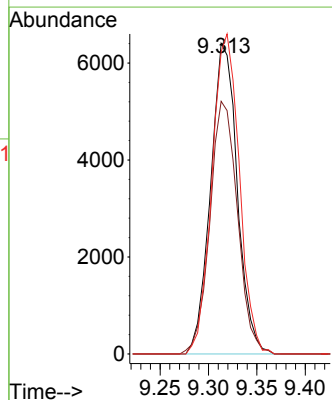
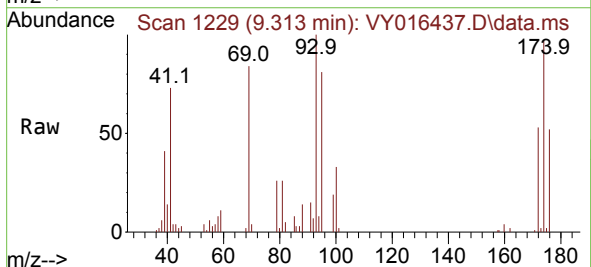
Instrument :
MSVOA_Y
ClientSampleId :

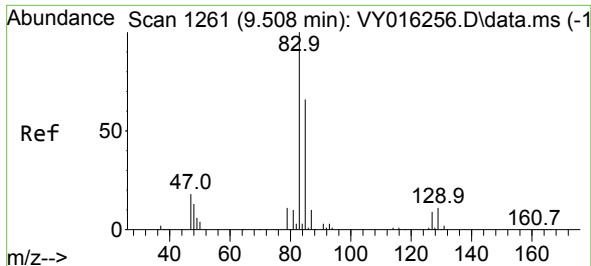
Tgt Ion: 63 Resp: 23156
Ion Ratio Lower Upper
63 100
65 33.7 23.8 35.6



#46
Dibromomethane
Concen: 13.789 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 93 Resp: 12312
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 105.4 84.8 127.2

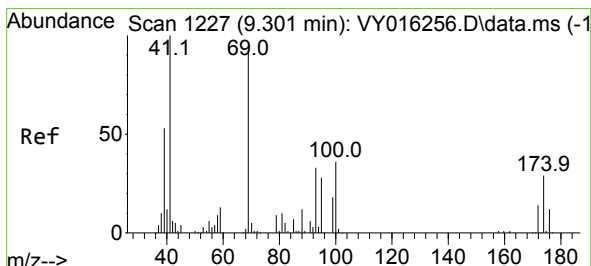
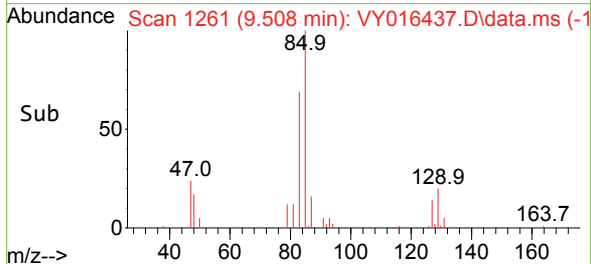
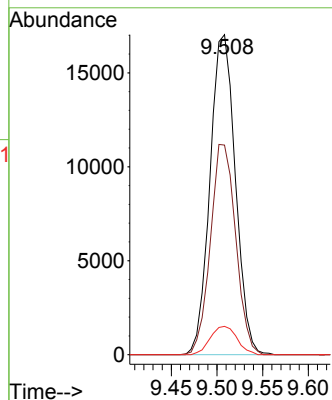
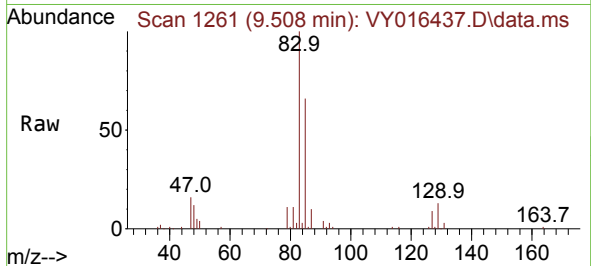




#47
Bromodichloromethane
Concen: 14.319 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

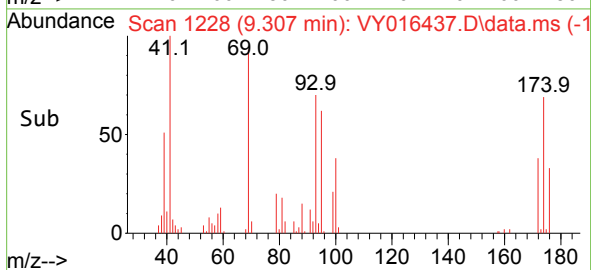
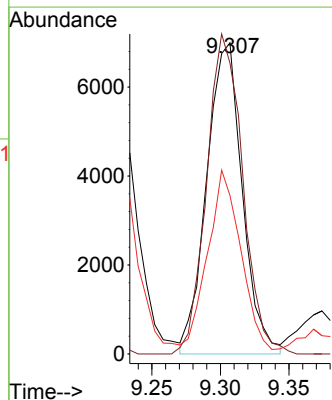
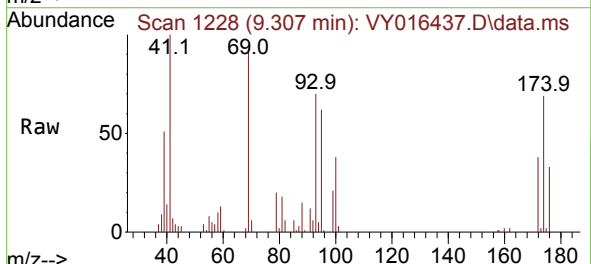
Instrument :
MSVOA_Y
ClientSampleId :

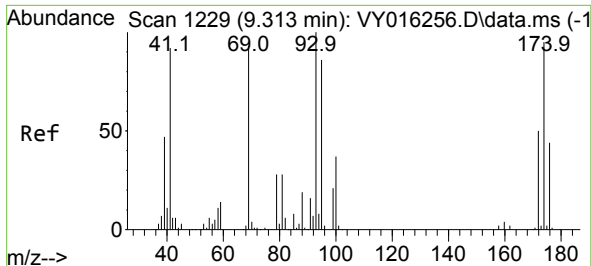
Tgt Ion: 83 Resp: 32869
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 11.985 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 41 Resp: 12633
Ion Ratio Lower Upper
41 100
69 103.9 64.5 96.7#
39 52.8 50.8 76.2





#49

1,4-Dioxane

Concen: 262.989 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

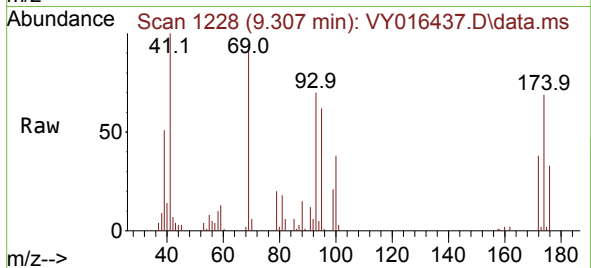
Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :



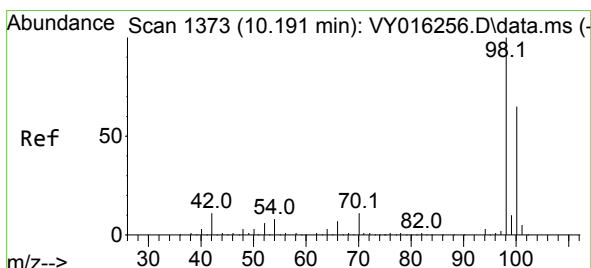
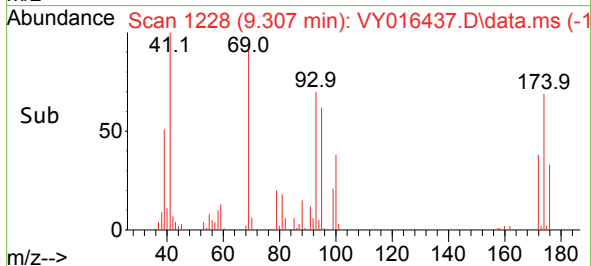
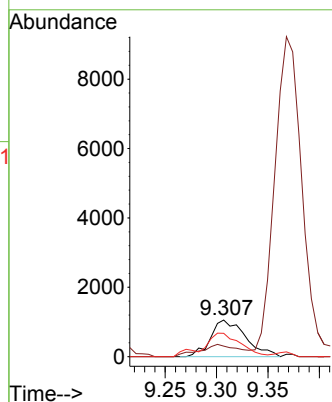
Tgt Ion: 88 Resp: 2493

Ion Ratio Lower Upper

88 100

43 36.9 0.0 0.0#

58 67.8 30.9 46.3#



#50

Toluene-d8

Concen: 54.478 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016437.D

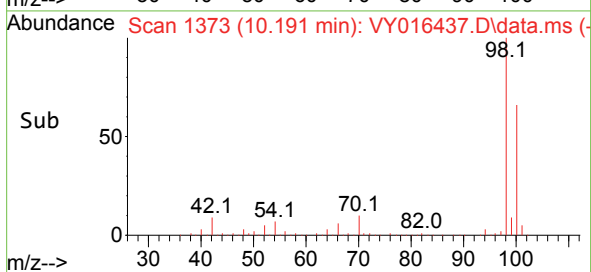
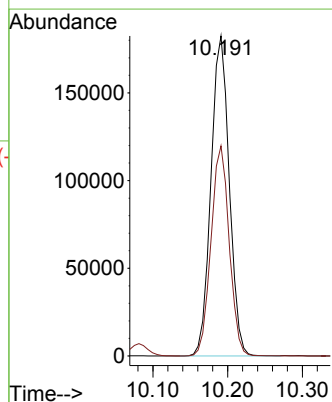
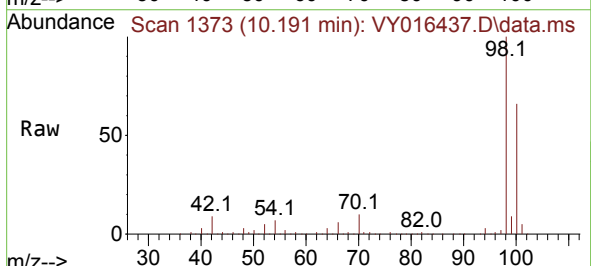
Acq: 21 Nov 2023 14:56

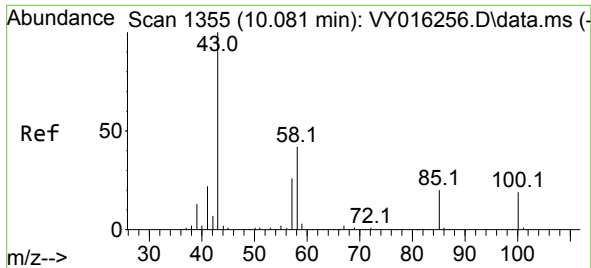
Tgt Ion: 98 Resp: 310692

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

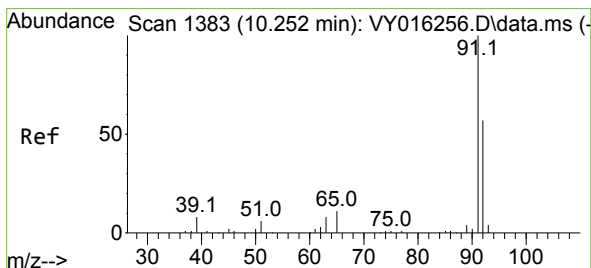
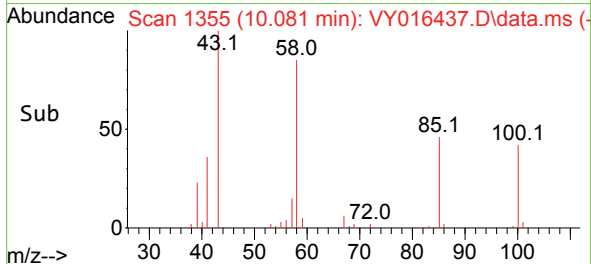
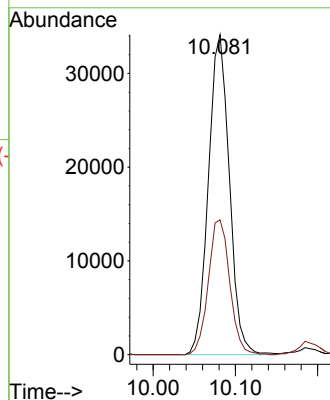
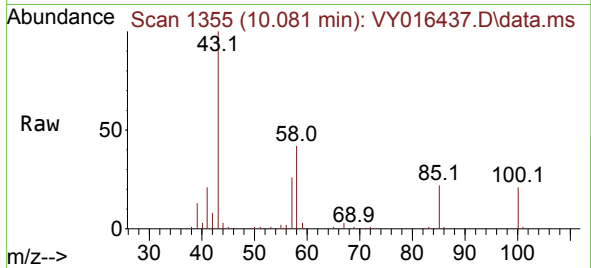




#51
4-Methyl-2-Pentanone
Concen: 62.723 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

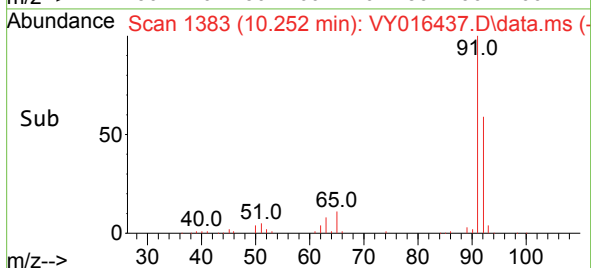
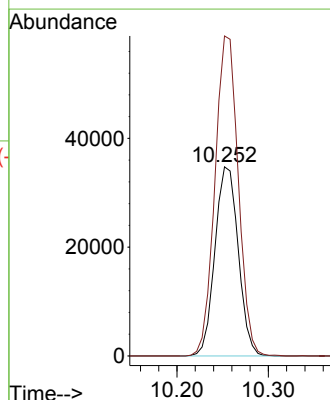
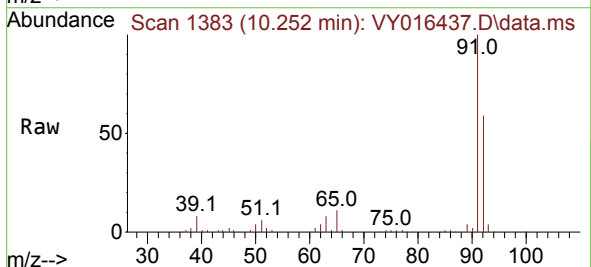
Instrument :
MSVOA_Y
ClientSampleId :

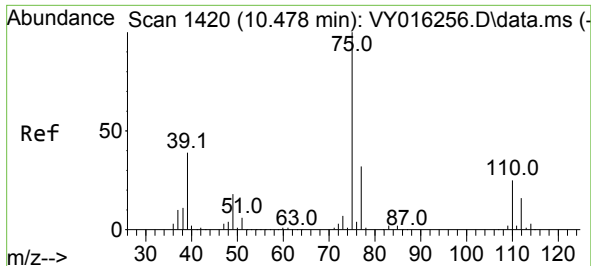
Tgt Ion: 43 Resp: 60494
Ion Ratio Lower Upper
43 100
58 43.1 29.0 43.6



#52
Toluene
Concen: 14.202 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 92 Resp: 61593
Ion Ratio Lower Upper
92 100
91 169.5 143.8 215.6

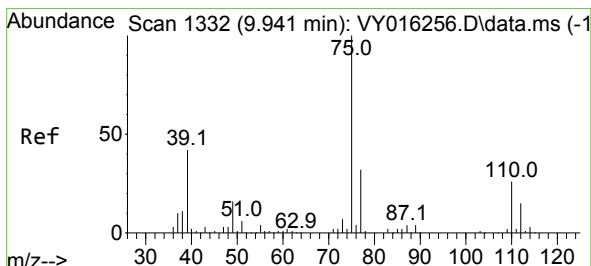
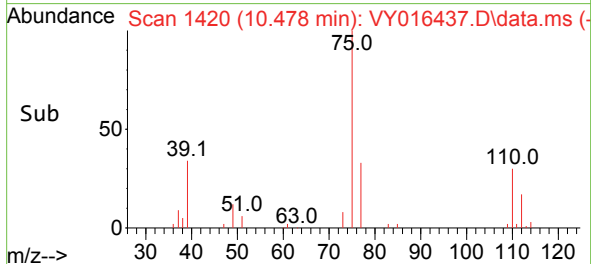
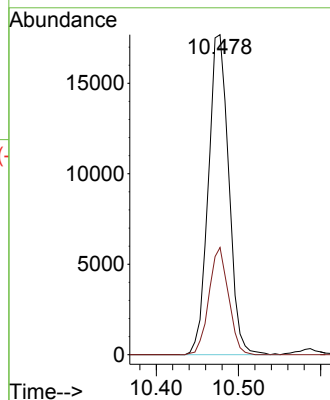
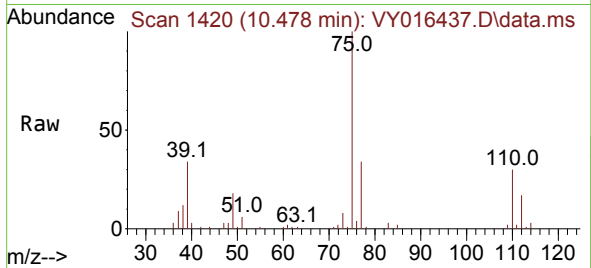




#53
t-1,3-Dichloropropene
Concen: 13.701 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

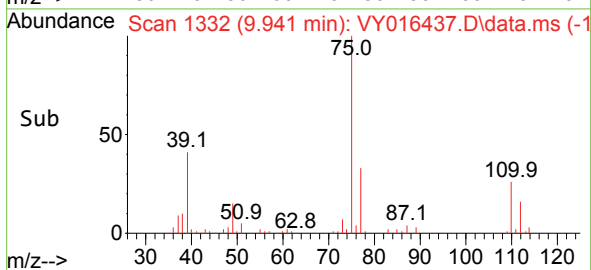
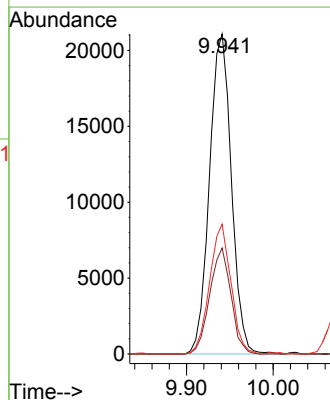
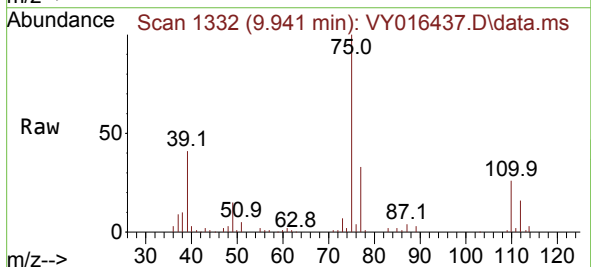
Instrument :
MSVOA_Y
ClientSampleId :

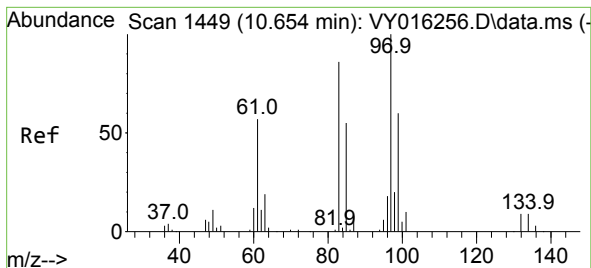
Tgt Ion: 75 Resp: 30489
Ion Ratio Lower Upper
75 100
77 33.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 13.924 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 75 Resp: 37008
Ion Ratio Lower Upper
75 100
77 33.1 24.2 36.4
39 40.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 14.806 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 18222

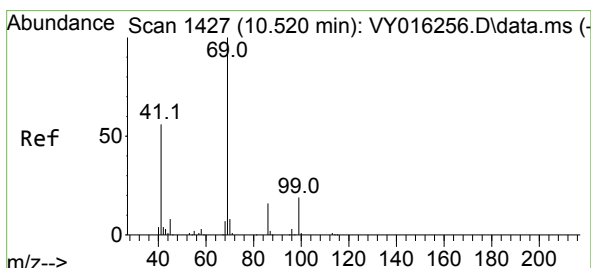
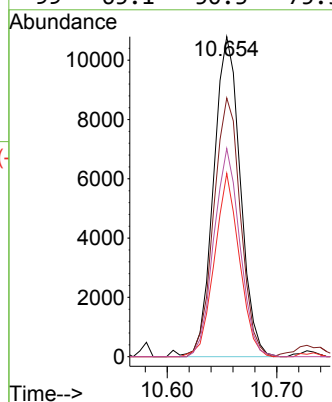
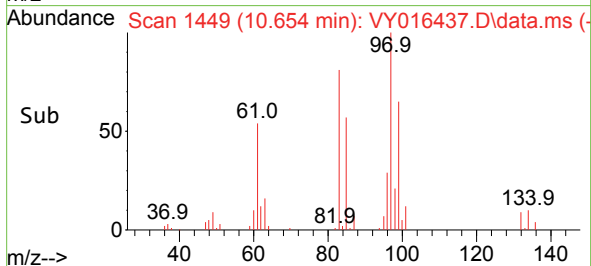
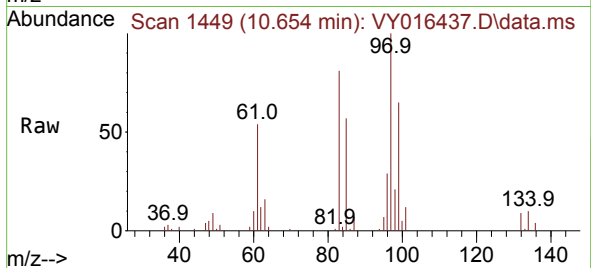
Ion Ratio Lower Upper

97 100

83 80.9 72.0 108.0

85 57.2 45.4 68.0

99 65.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 13.342 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

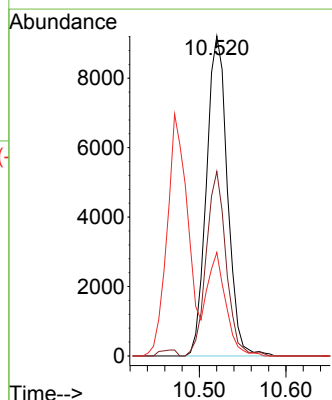
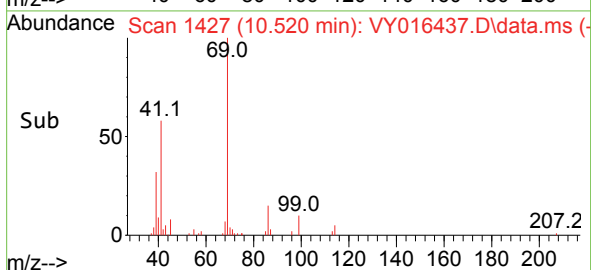
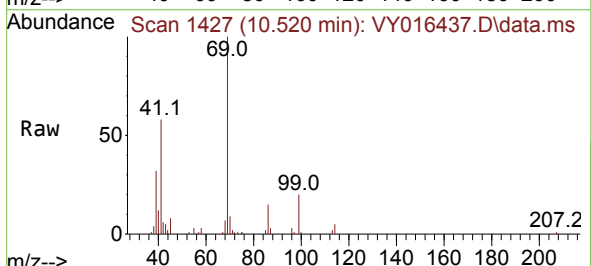
Tgt Ion: 69 Resp: 15500

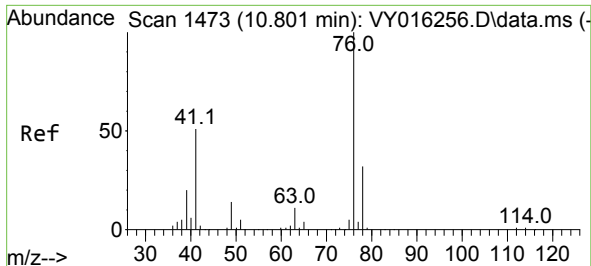
Ion Ratio Lower Upper

69 100

41 55.1 57.6 86.4#

39 28.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 14.208 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

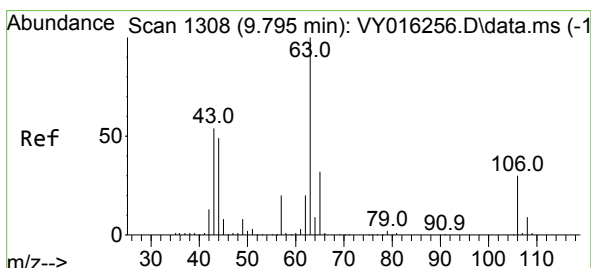
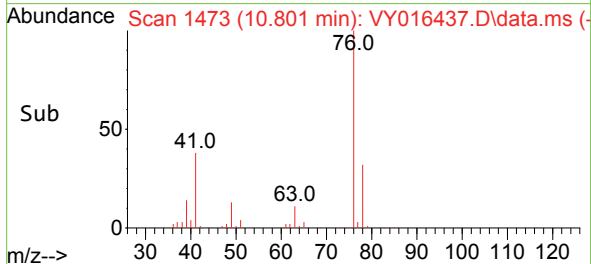
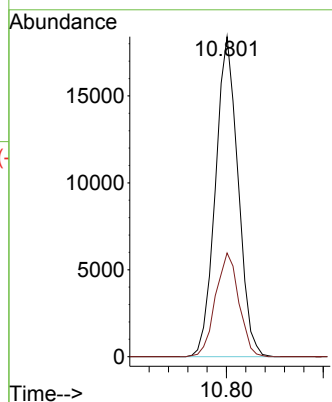
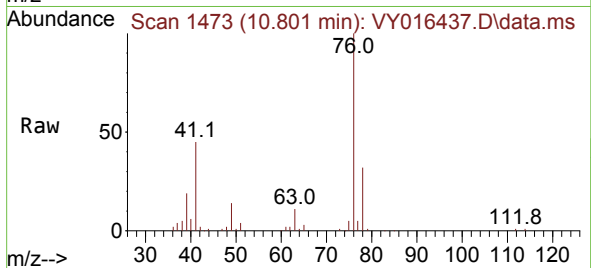
ClientSampleId :

Tgt Ion: 76 Resp: 29805

Ion Ratio Lower Upper

76 100

78 33.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.297 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016437.D

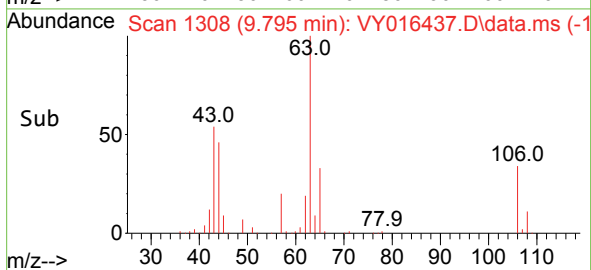
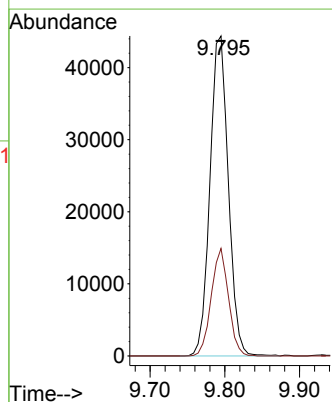
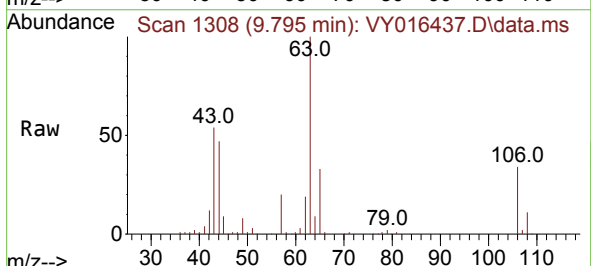
Acq: 21 Nov 2023 14:56

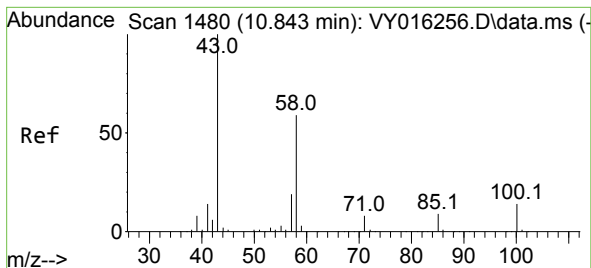
Tgt Ion: 63 Resp: 75857

Ion Ratio Lower Upper

63 100

106 31.4 21.2 31.8





#59

2-Hexanone

Concen: 60.625 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

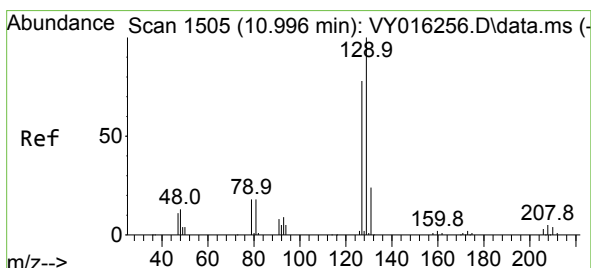
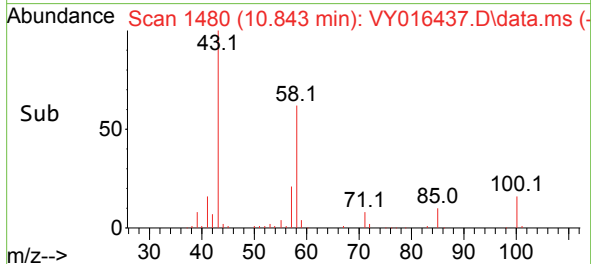
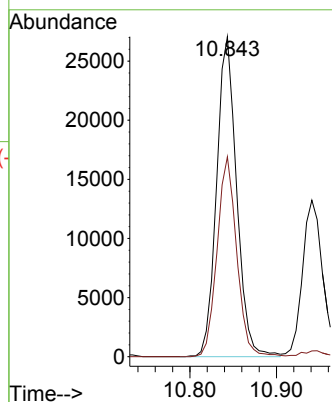
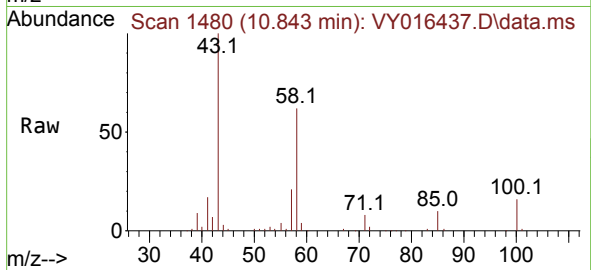
ClientSampleId :

Tgt Ion: 43 Resp: 43492

Ion Ratio Lower Upper

43 100

58 61.1 25.1 75.3



#60

Dibromochloromethane

Concen: 15.110 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016437.D

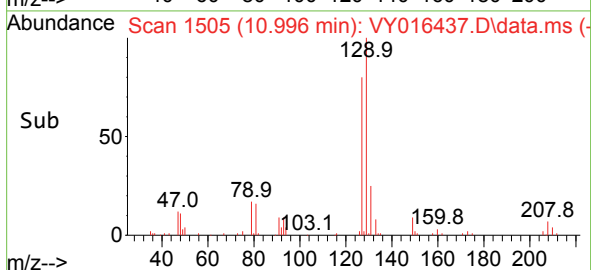
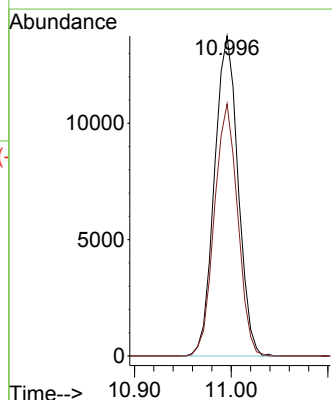
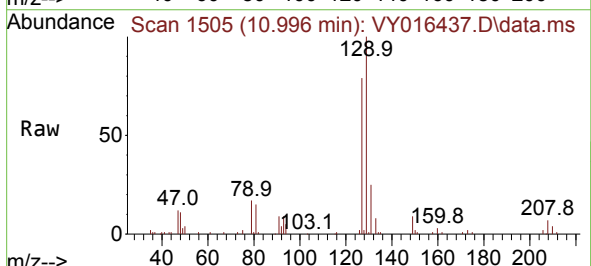
Acq: 21 Nov 2023 14:56

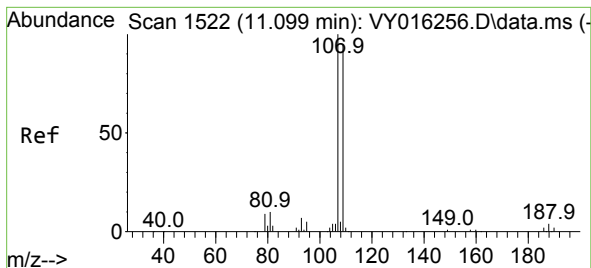
Tgt Ion: 129 Resp: 23257

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.5

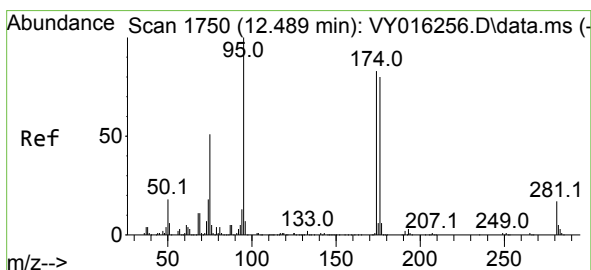
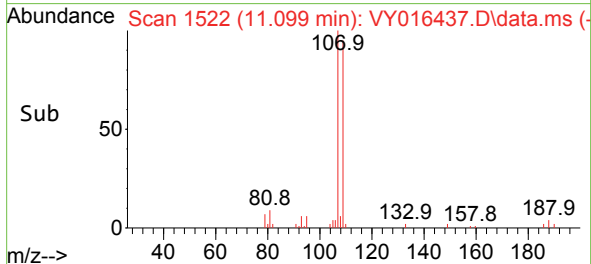
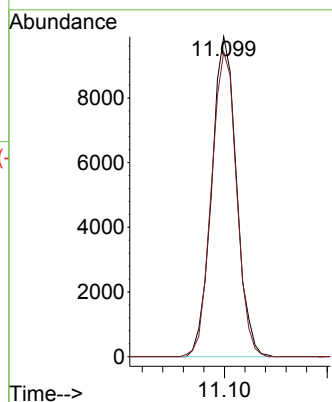
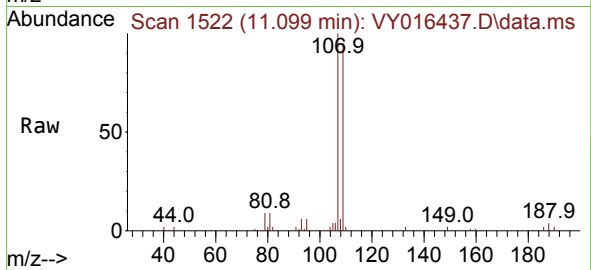




#61
1,2-Dibromoethane
Concen: 14.091 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

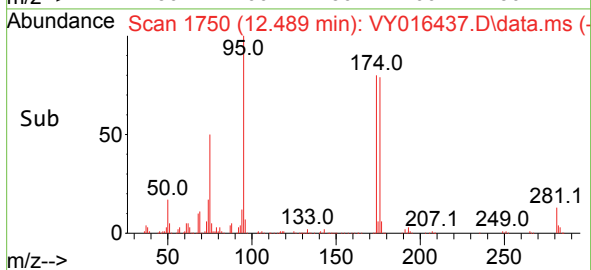
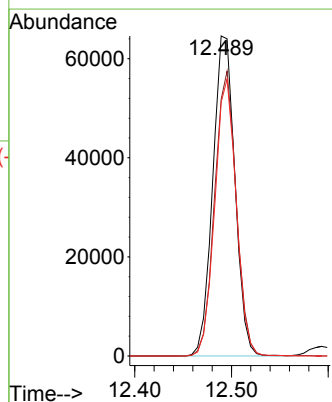
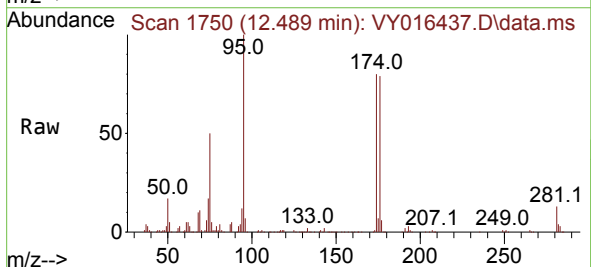
Instrument :
MSVOA_Y
ClientSampleId :

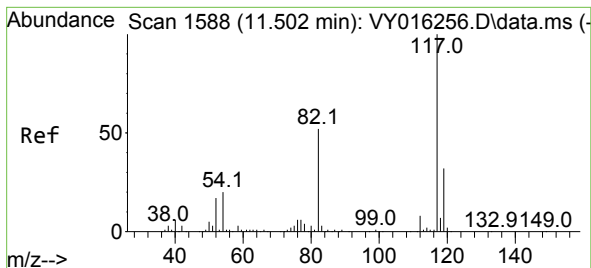
Tgt Ion:107 Resp: 16522
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.282 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 95 Resp: 102398
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 84.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

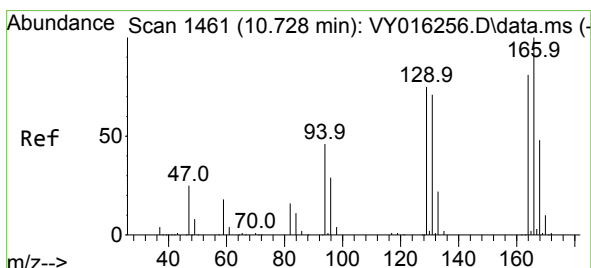
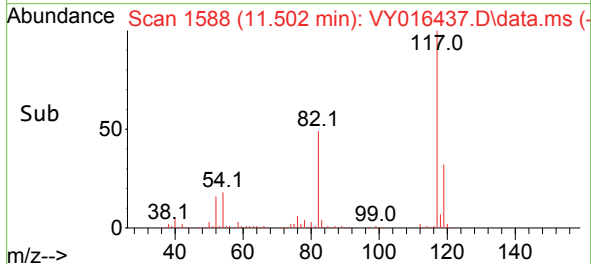
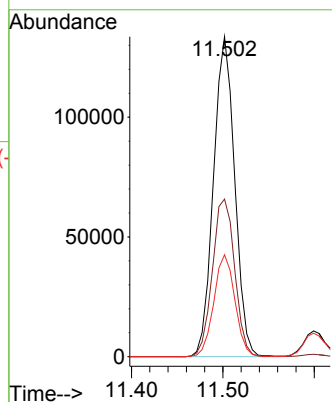
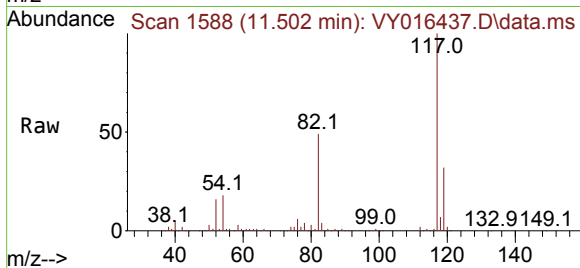
Tgt Ion:117 Resp: 215578

Ion Ratio Lower Upper

117 100

82 49.3 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 14.733 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Tgt Ion:164 Resp: 28518

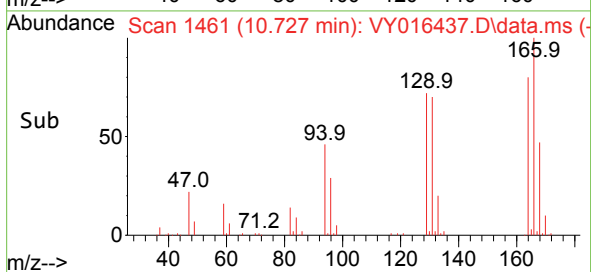
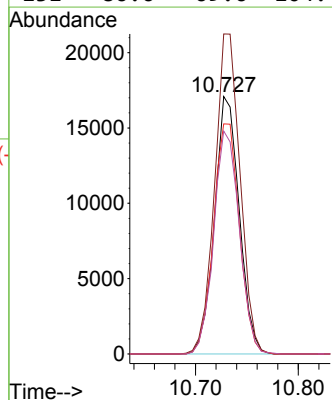
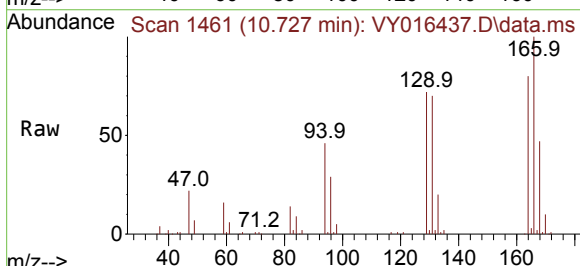
Ion Ratio Lower Upper

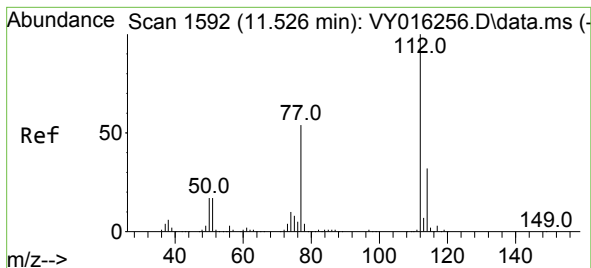
164 100

166 124.3 103.0 154.6

129 89.3 77.2 115.8

131 86.6 69.6 104.4

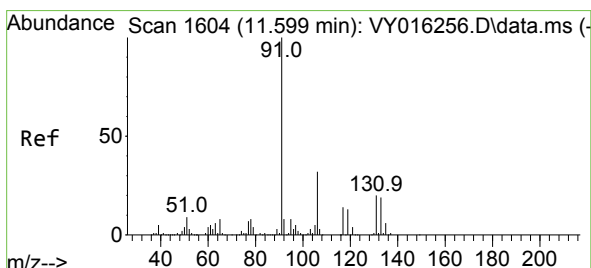
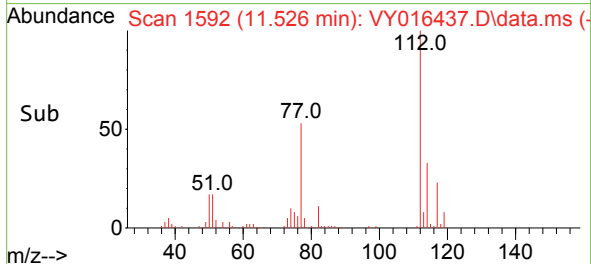
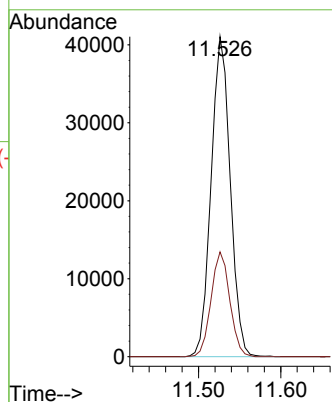
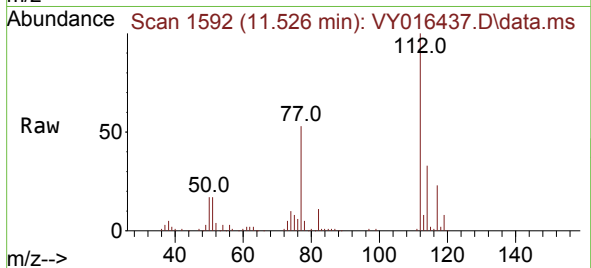




#65
Chlorobenzene
Concen: 14.412 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

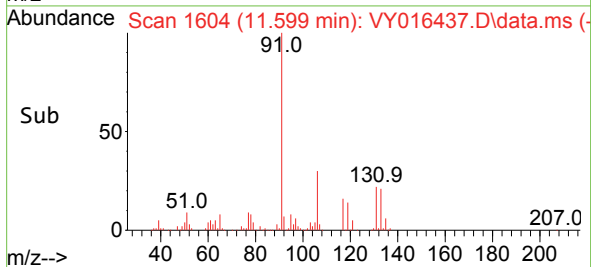
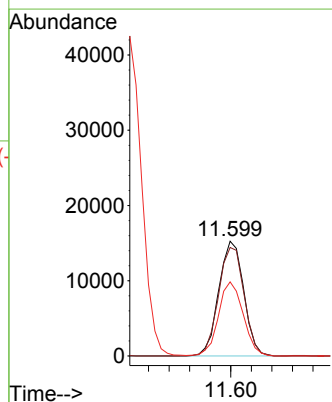
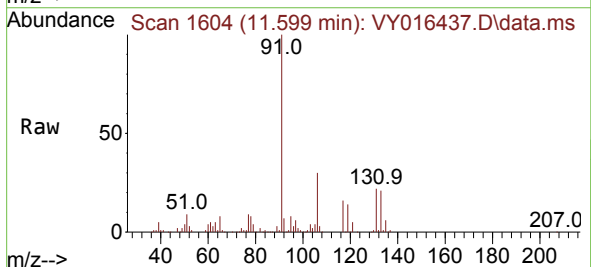
Instrument :
MSVOA_Y
ClientSampleId :

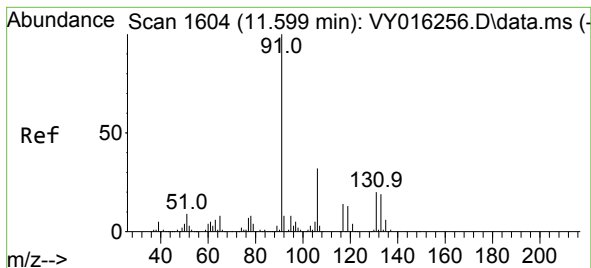
Tgt Ion:112 Resp: 66380
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 15.123 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion:131 Resp: 25691
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 64.1 31.6 94.7





#67

Ethyl Benzene

Concen: 14.109 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

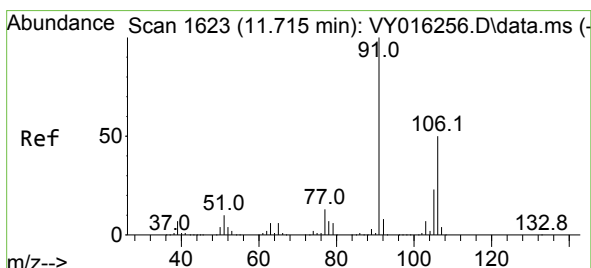
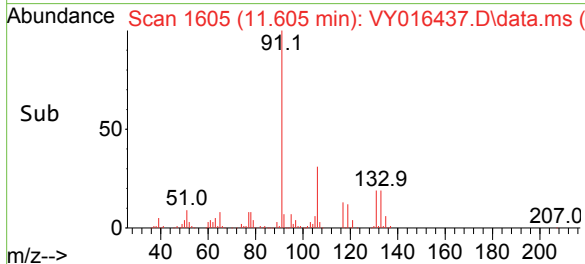
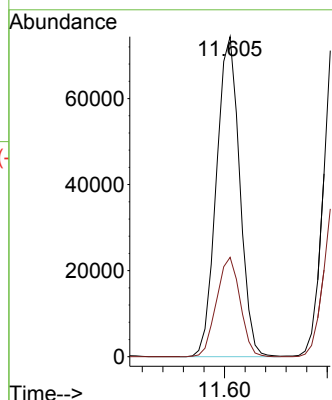
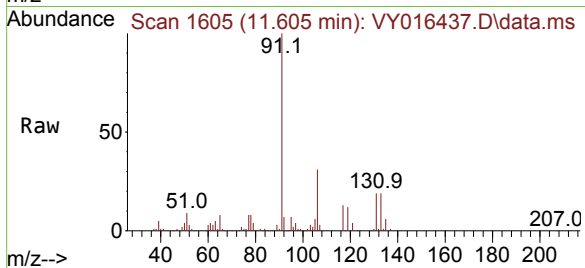
ClientSampleId :

Tgt Ion: 91 Resp: 116784

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 28.134 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016437.D

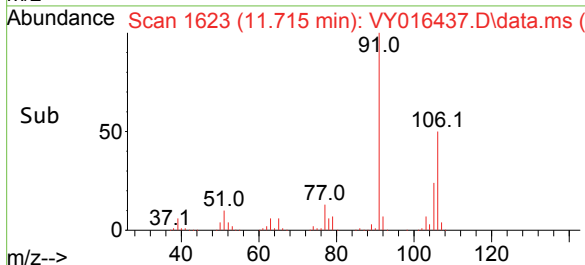
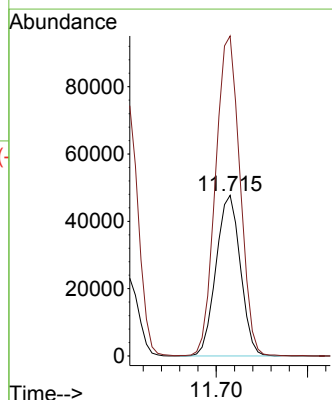
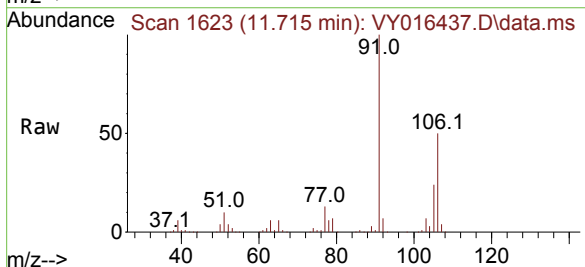
Acq: 21 Nov 2023 14:56

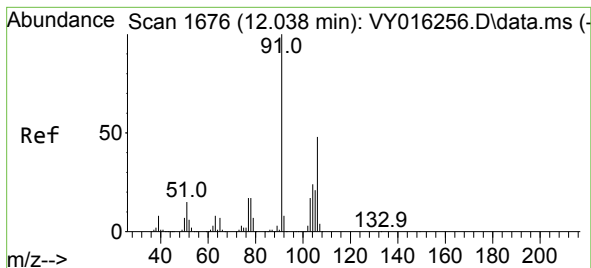
Tgt Ion:106 Resp: 88329

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1





#69

o-Xylene

Concen: 14.290 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

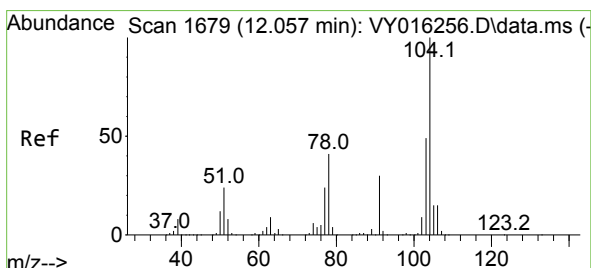
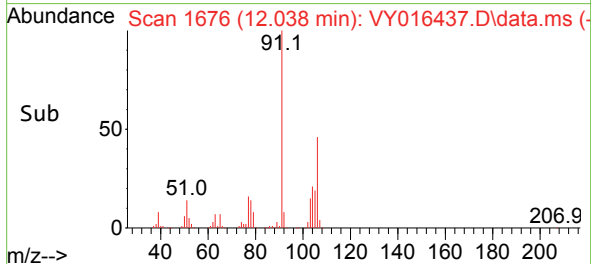
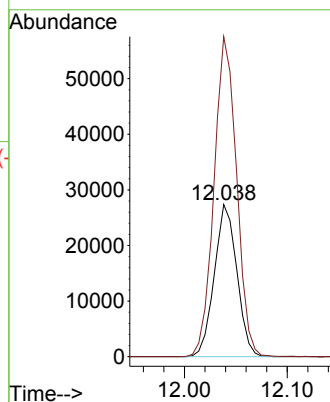
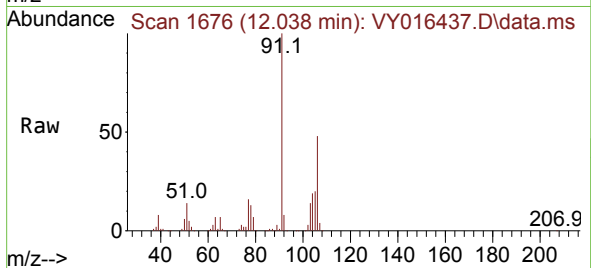
ClientSampleId :

Tgt Ion:106 Resp: 41654

Ion Ratio Lower Upper

106 100

91 211.0 108.1 324.3



#70

Styrene

Concen: 14.420 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

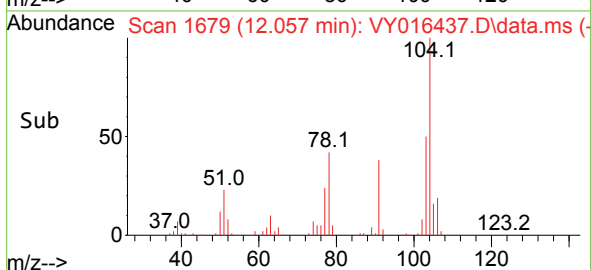
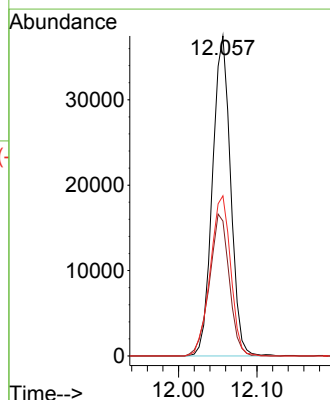
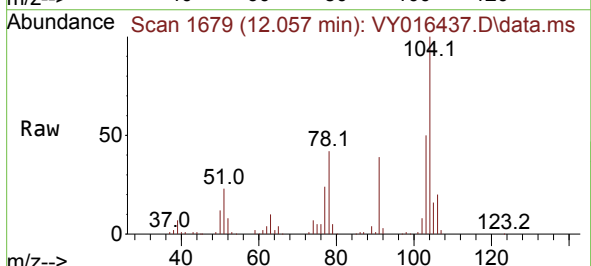
Tgt Ion:104 Resp: 60188

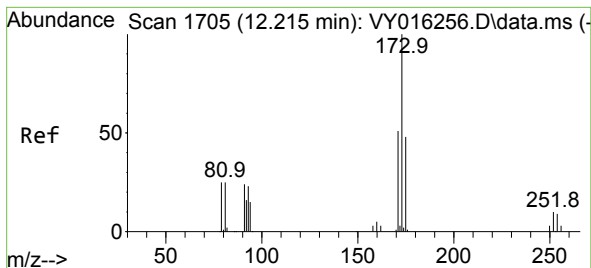
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 56.3 44.6 67.0





#71

Bromoform

Concen: 15.140 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016437.D

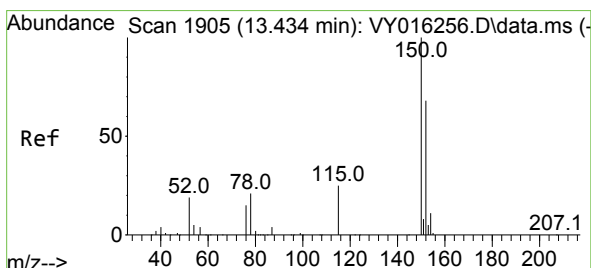
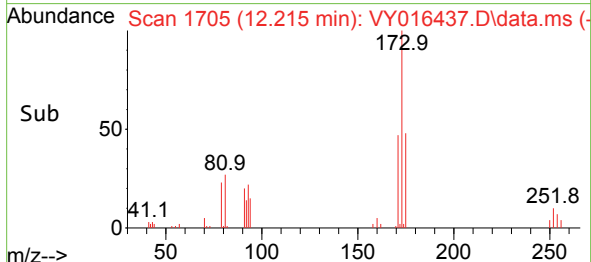
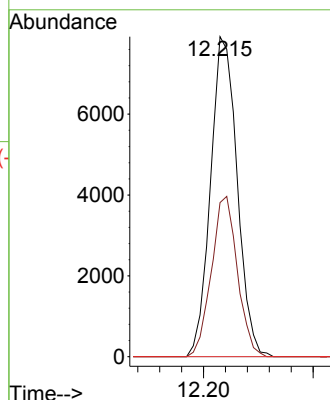
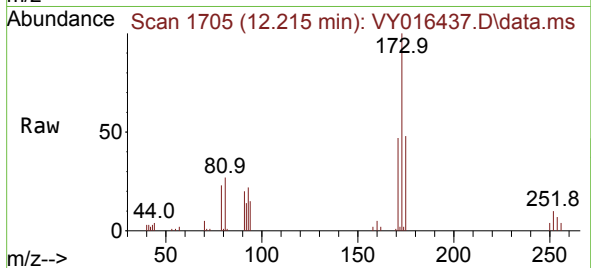
Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	13346
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

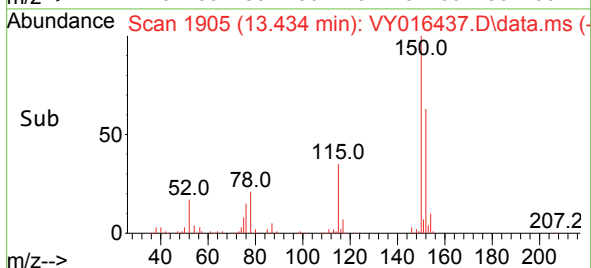
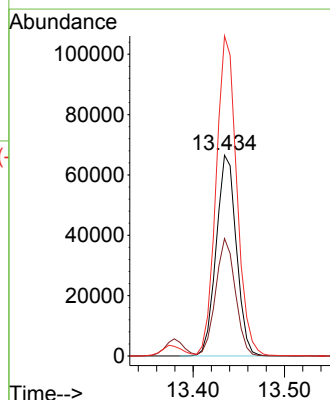
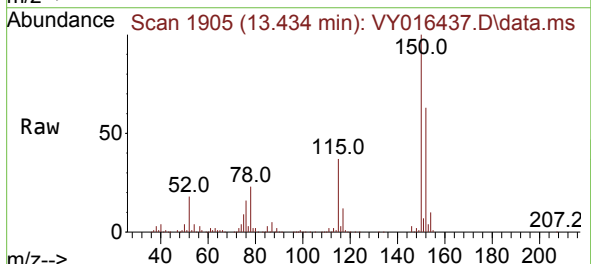
RT: 13.434 min Scan# 1905

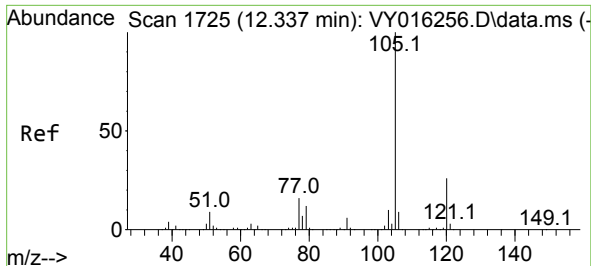
Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

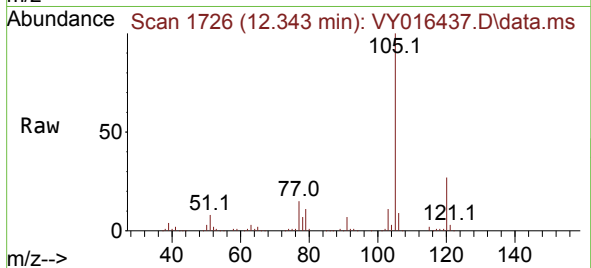
Tgt Ion:152	Resp:	101898
Ion Ratio	Lower	Upper
152	100	
115	57.2	28.8 86.5
150	163.0	0.0 348.8



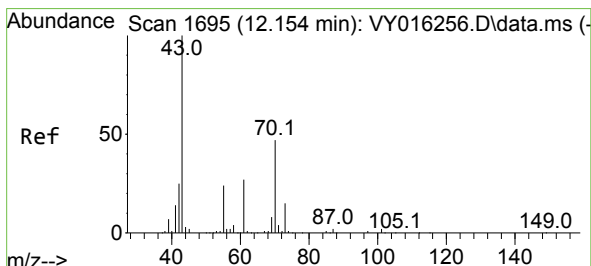
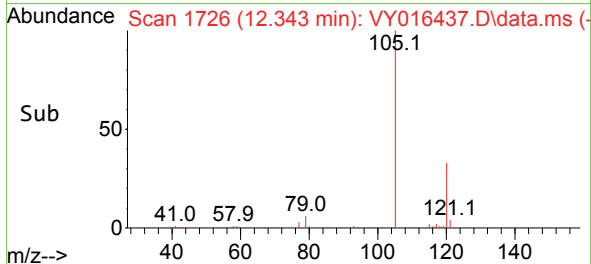
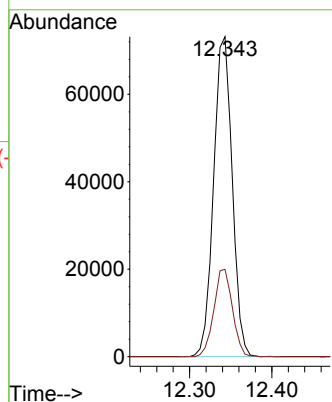


#73
Isopropylbenzene
Concen: 13.917 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :

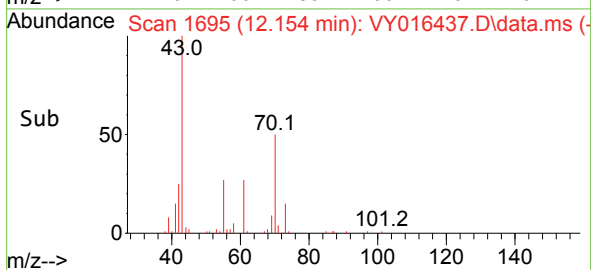
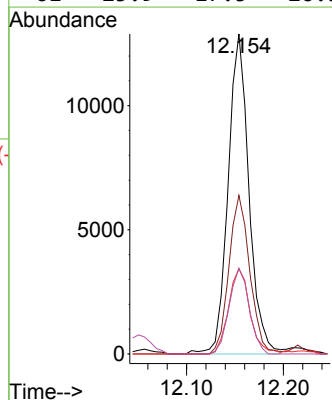
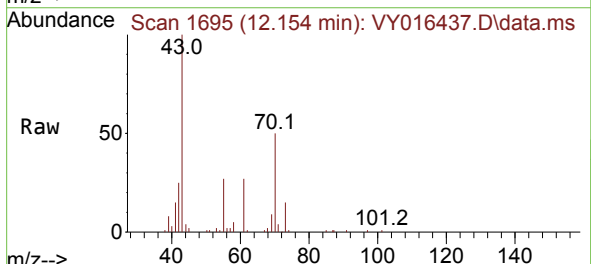


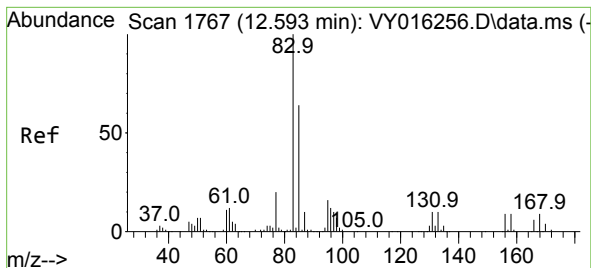
Tgt Ion:105 Resp: 114836
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 11.621 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 43 Resp: 19261
Ion Ratio Lower Upper
43 100
70 49.9 29.7 44.5#
55 27.3 18.3 27.5
61 25.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 13.766 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

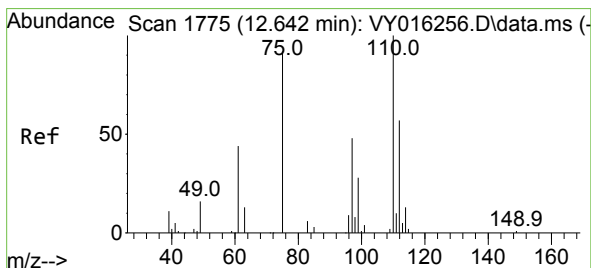
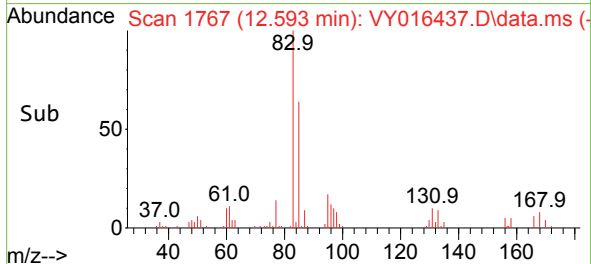
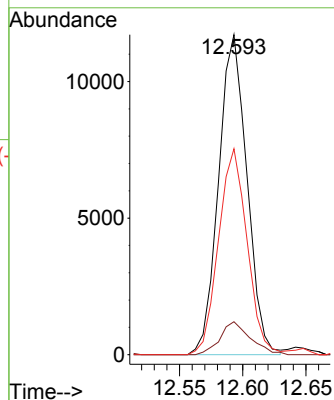
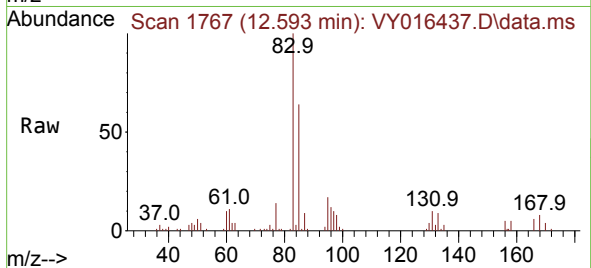
Tgt Ion: 83 Resp: 18227

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: 24.867 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016437.D

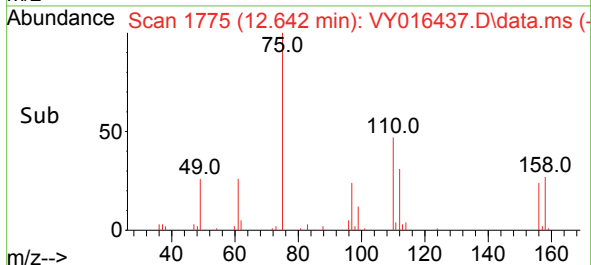
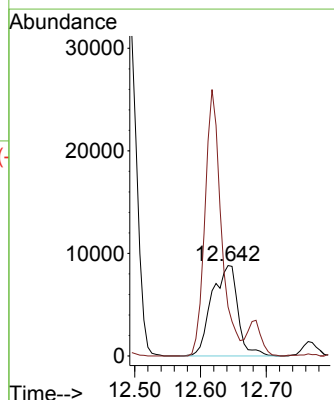
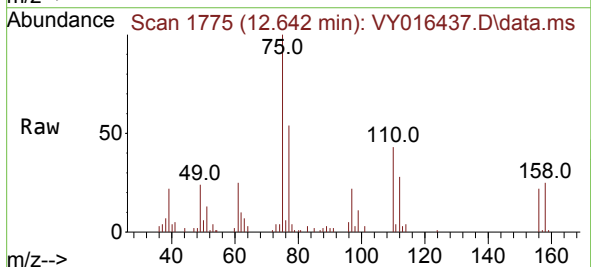
Acq: 21 Nov 2023 14:56

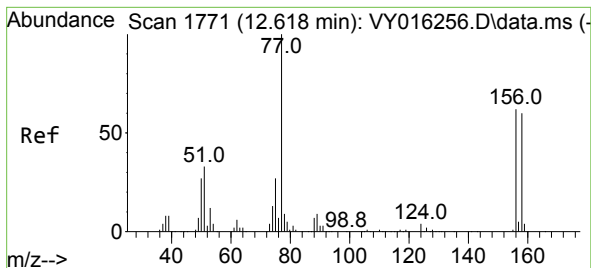
Tgt Ion: 75 Resp: 24307

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 14.479 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

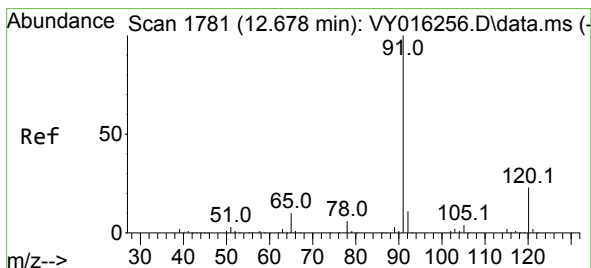
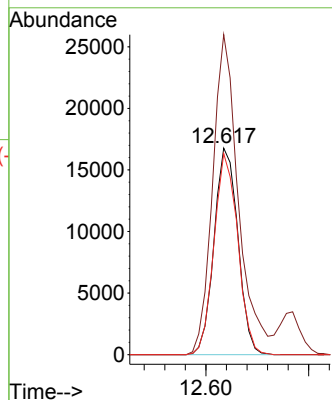
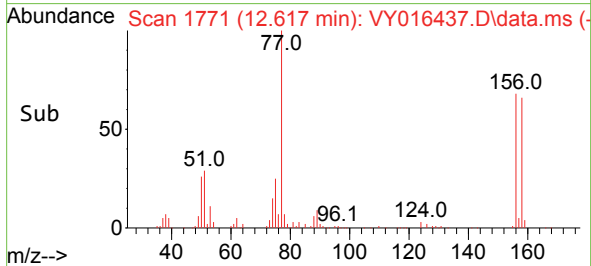
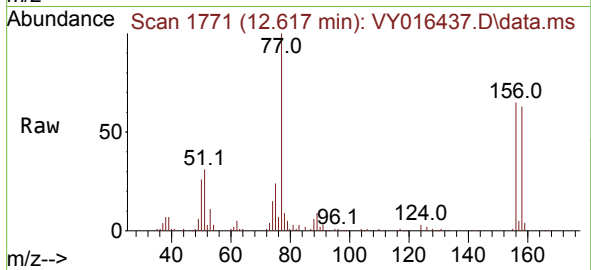
Tgt Ion:156 Resp: 27003

Ion Ratio Lower Upper

156 100

77 166.6 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 13.916 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016437.D

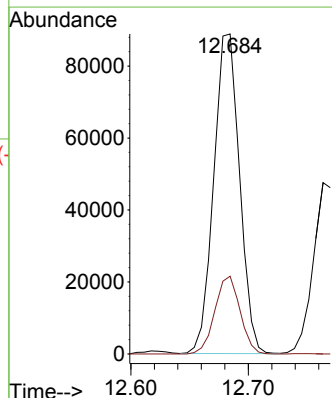
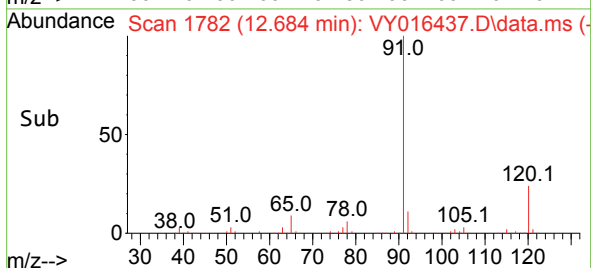
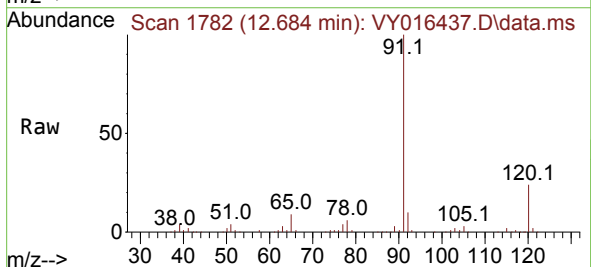
Acq: 21 Nov 2023 14:56

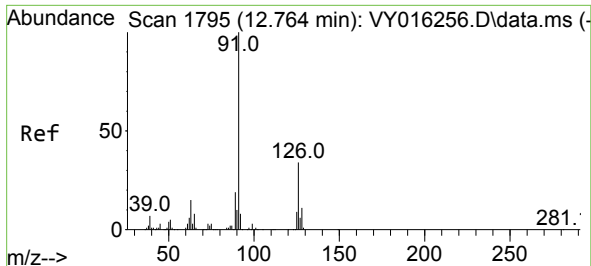
Tgt Ion: 91 Resp: 135699

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

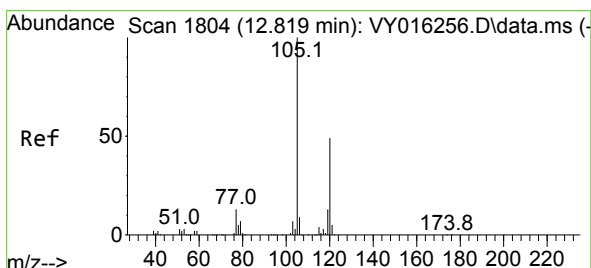
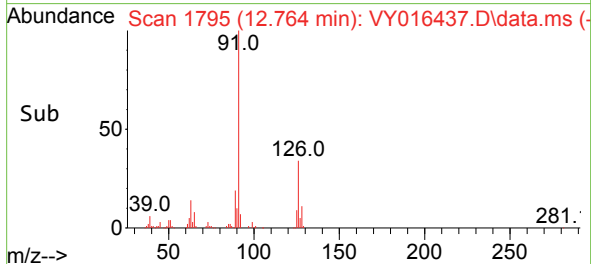
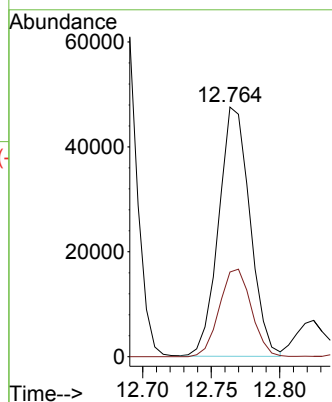
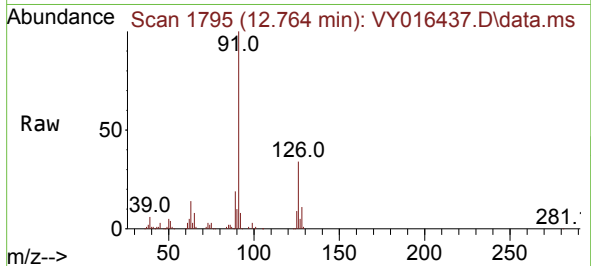




#79
2-Chlorotoluene
Concen: 14.080 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

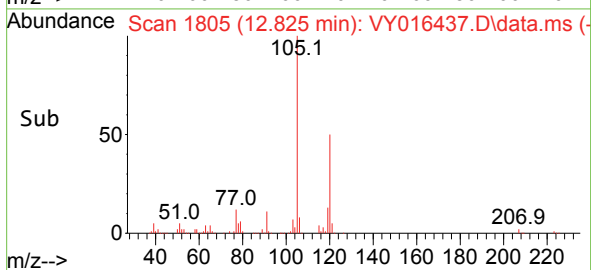
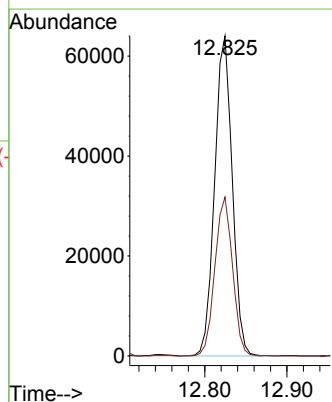
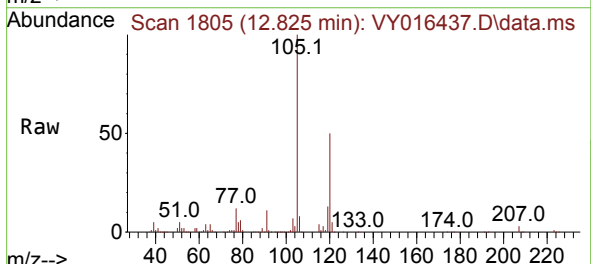
Instrument :
MSVOA_Y
ClientSampleId :

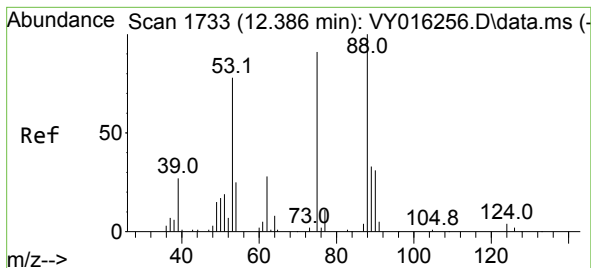
Tgt Ion: 91 Resp: 75665
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 14.346 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

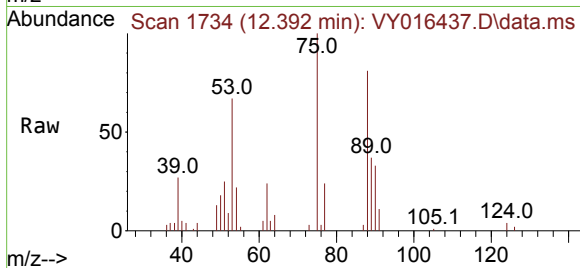
Tgt Ion: 105 Resp: 95441
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7



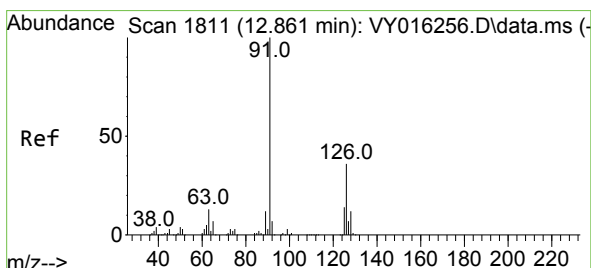
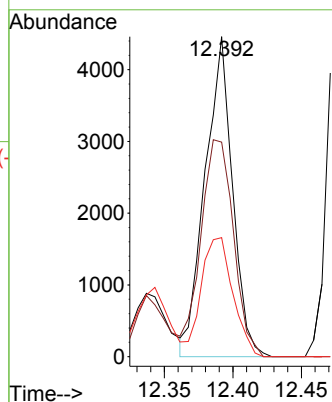
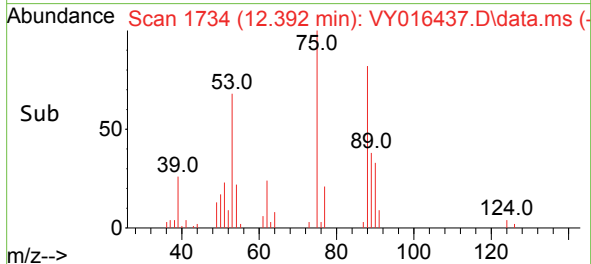


#81
trans-1,4-Dichloro-2-butene
Concen: 13.761 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :

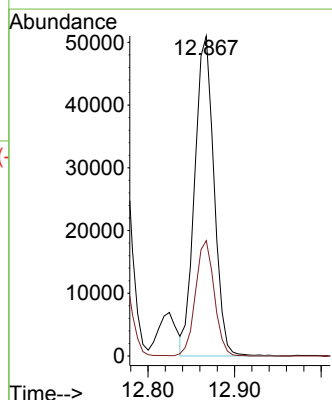
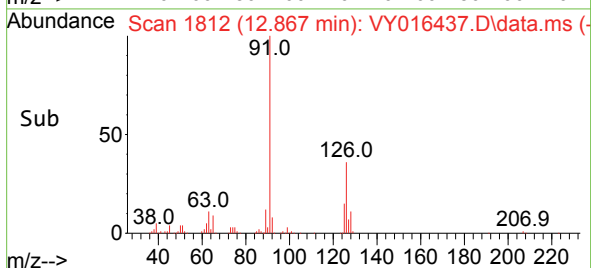
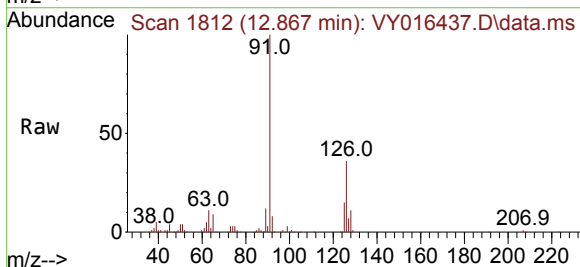


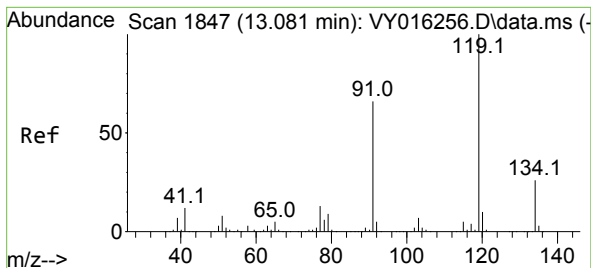
Tgt Ion: 75 Resp: 6197
Ion Ratio Lower Upper
75 100
53 80.7 77.8 116.8
89 43.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 14.182 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016437.D
Acq: 21 Nov 2023 14:56

Tgt Ion: 91 Resp: 78755
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 14.402 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

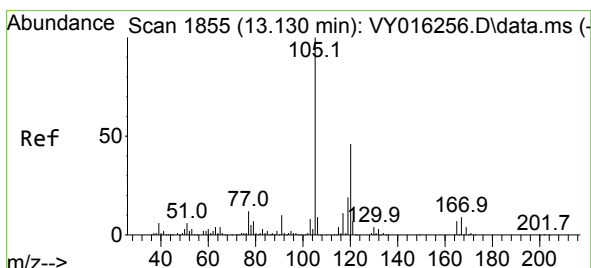
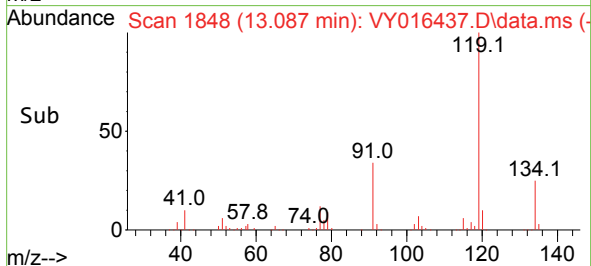
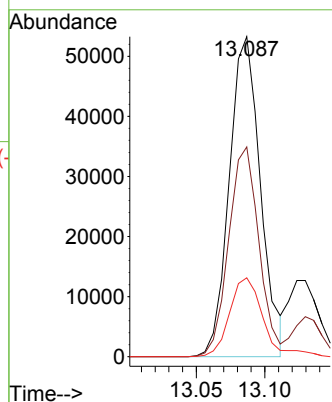
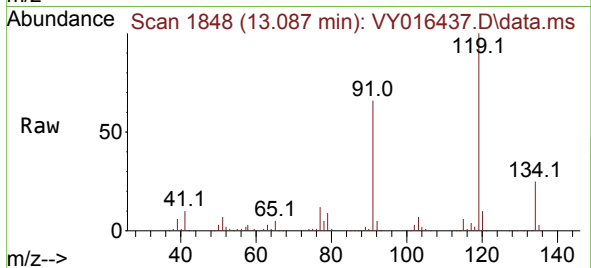
Tgt Ion:119 Resp: 84393

Ion Ratio Lower Upper

119 100

91 63.6 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 14.382 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016437.D

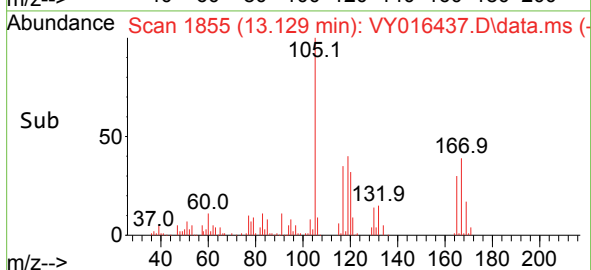
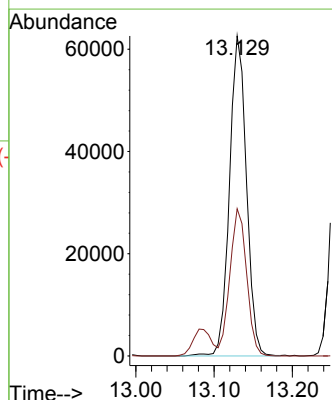
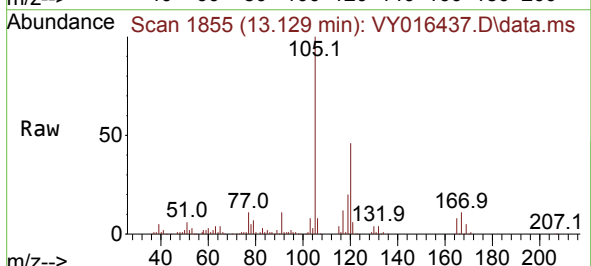
Acq: 21 Nov 2023 14:56

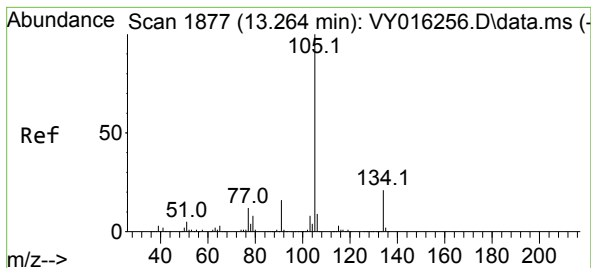
Tgt Ion:105 Resp: 94211

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 14.321 ug/l

RT: 13.264 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

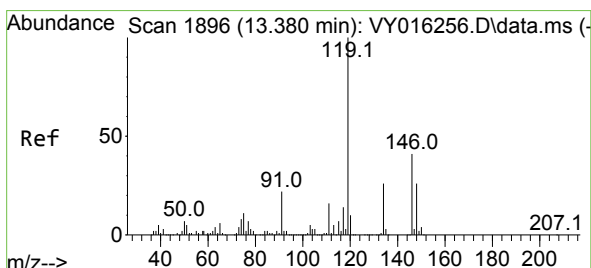
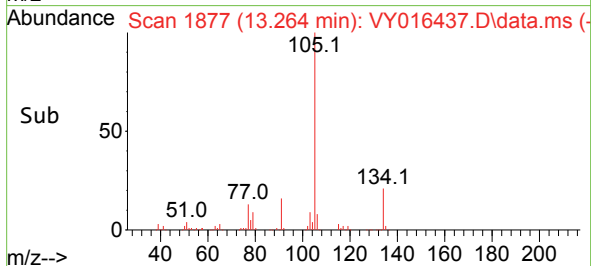
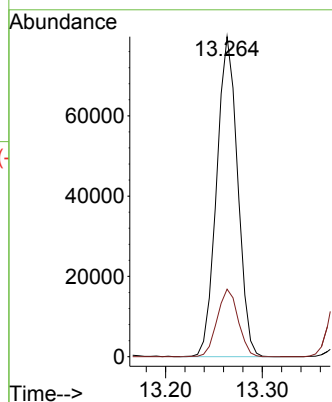
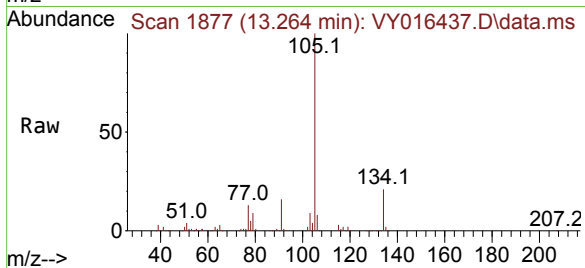
ClientSampleId :

Tgt Ion:105 Resp: 119890

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 14.472 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

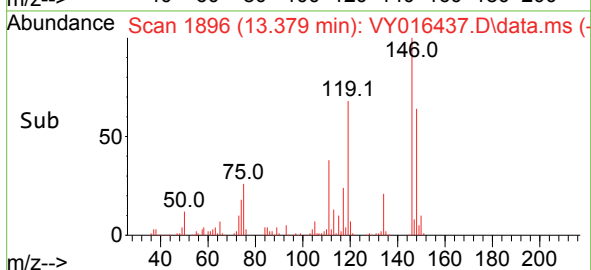
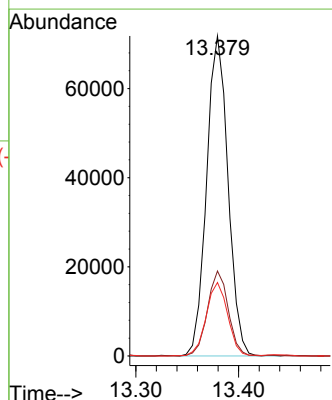
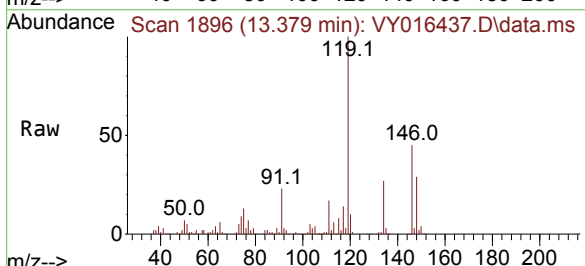
Tgt Ion:119 Resp: 104322

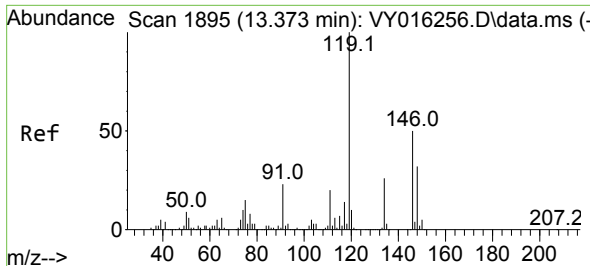
Ion Ratio Lower Upper

119 100

134 25.7 13.3 39.8

91 23.1 12.4 37.4

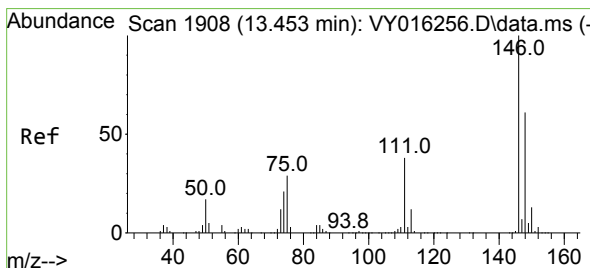
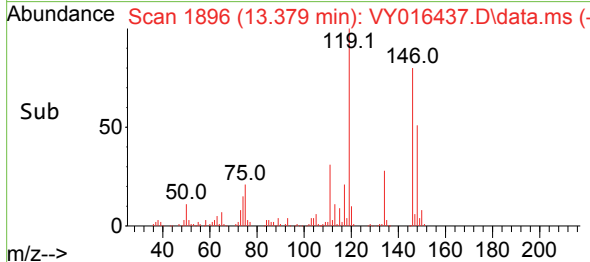
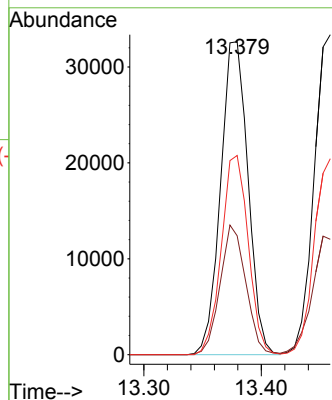
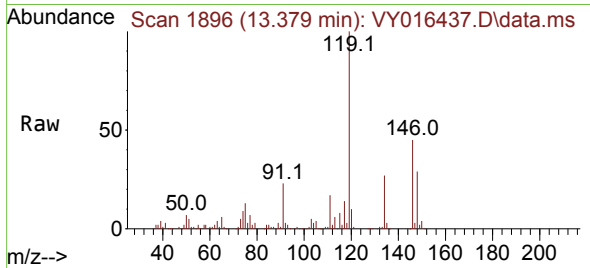




#87
 1,3-Dichlorobenzene
 Concen: 14.755 ug/l
 RT: 13.379 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016437.D
 Acq: 21 Nov 2023 14:56

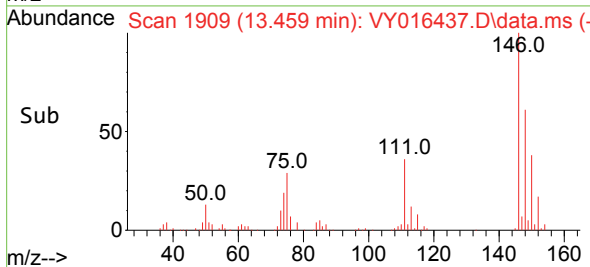
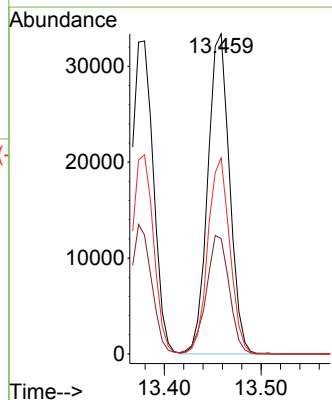
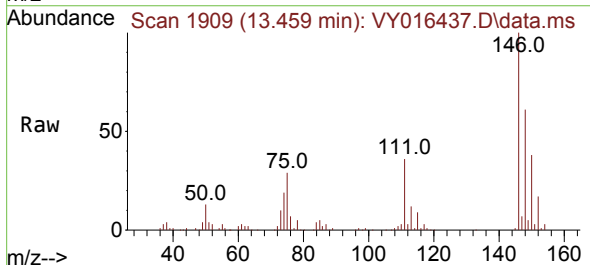
Instrument :
 MSVOA_Y
 ClientSampleId :

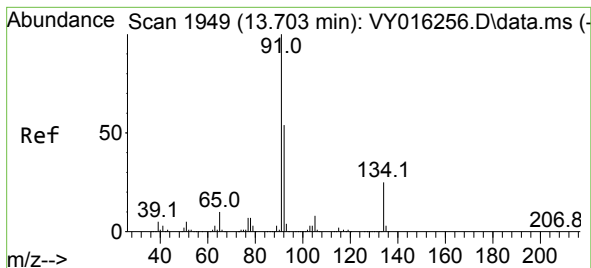
Tgt Ion:146 Resp: 52939
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.2
 148 62.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 14.891 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016437.D
 Acq: 21 Nov 2023 14:56

Tgt Ion:146 Resp: 52215
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.9 56.7
 148 61.8 32.1 96.5





#89

n-Butylbenzene

Concen: 14.186 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

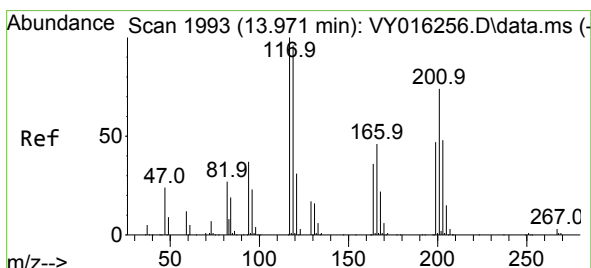
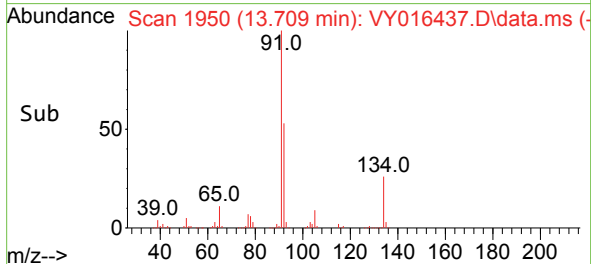
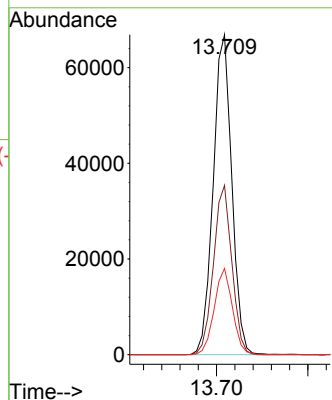
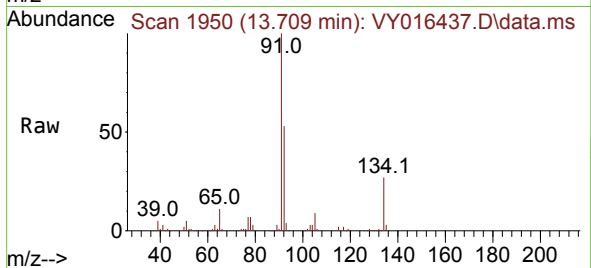
Tgt Ion: 91 Resp: 94438

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 14.301 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016437.D

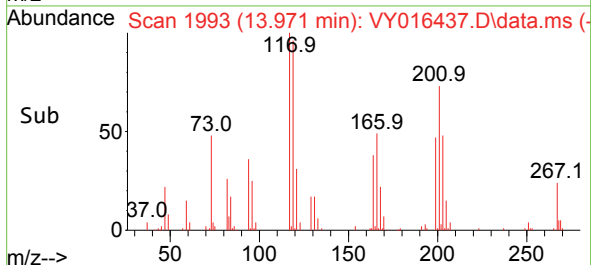
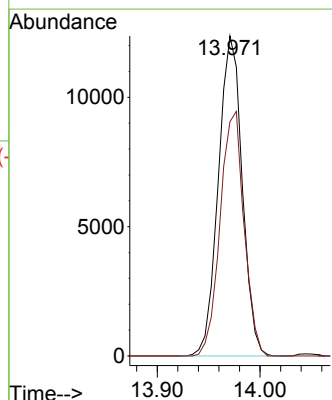
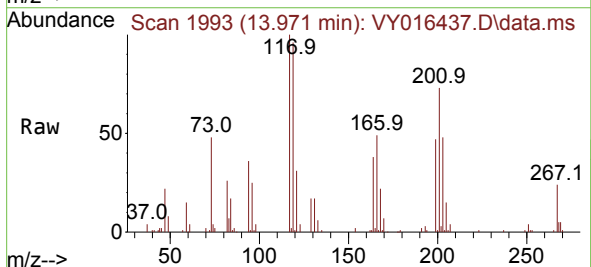
Acq: 21 Nov 2023 14:56

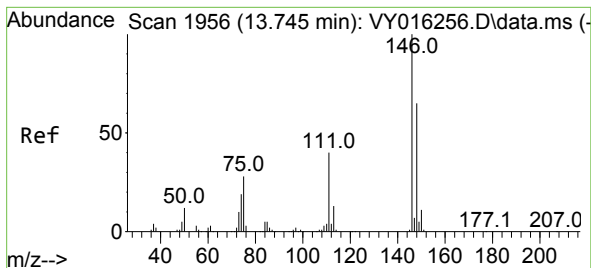
Tgt Ion: 117 Resp: 19886

Ion Ratio Lower Upper

117 100

201 76.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 14.627 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

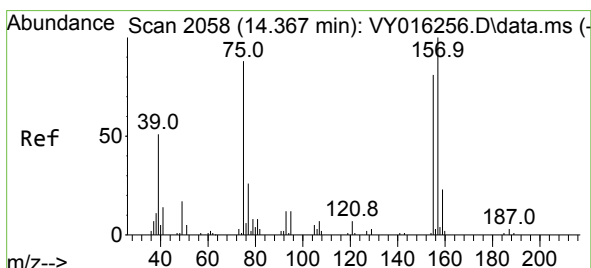
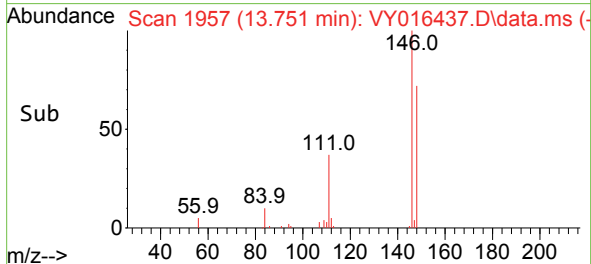
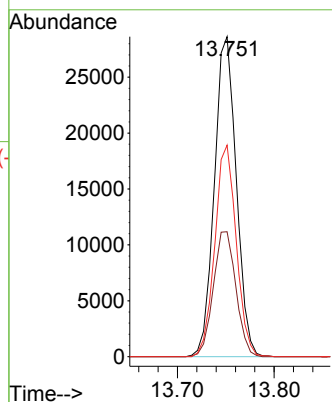
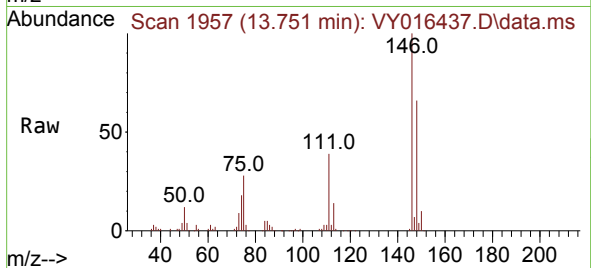
Tgt Ion:146 Resp: 44972

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 64.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 13.249 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

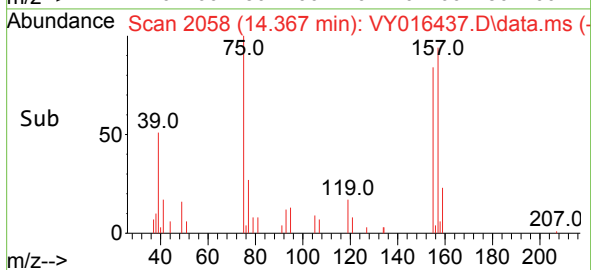
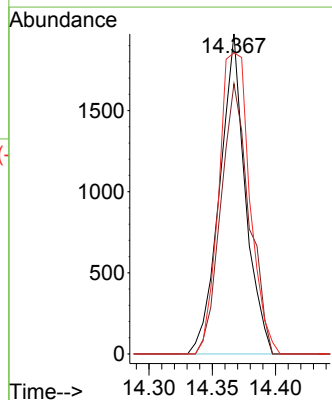
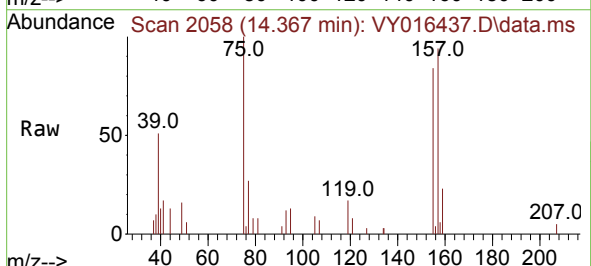
Tgt Ion: 75 Resp: 2791

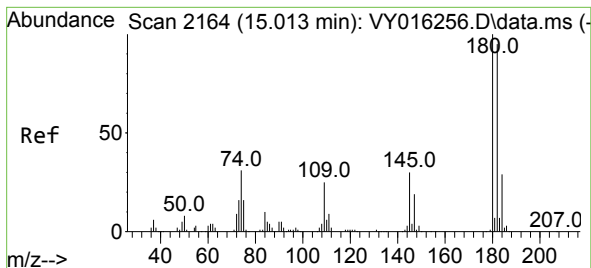
Ion Ratio Lower Upper

75 100

155 93.3 41.5 124.6

157 113.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 14.964 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

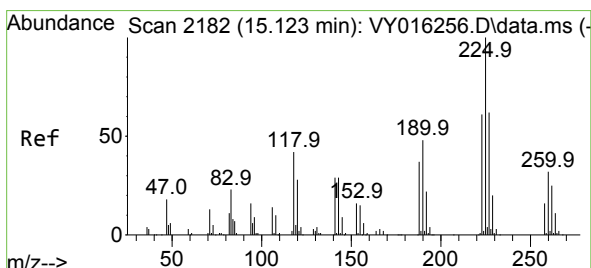
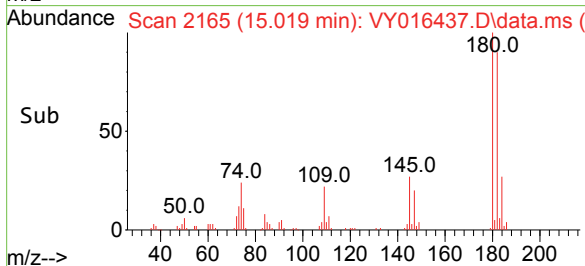
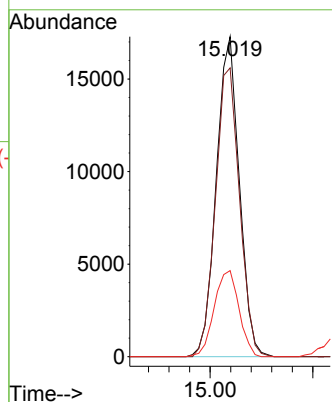
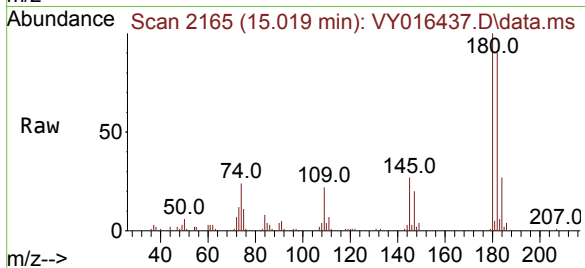
Tgt Ion:180 Resp: 26855

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.2

145 28.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 15.578 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

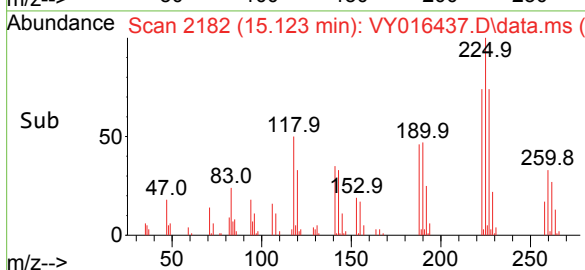
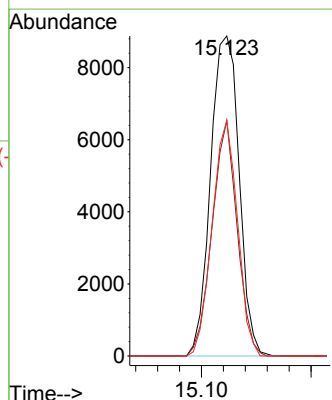
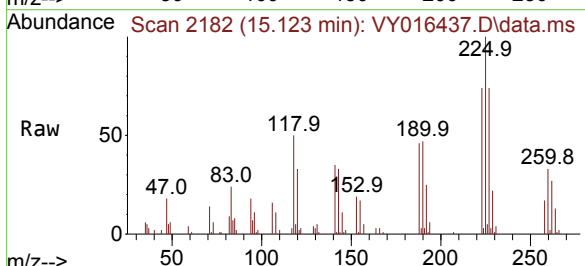
Tgt Ion:225 Resp: 16016

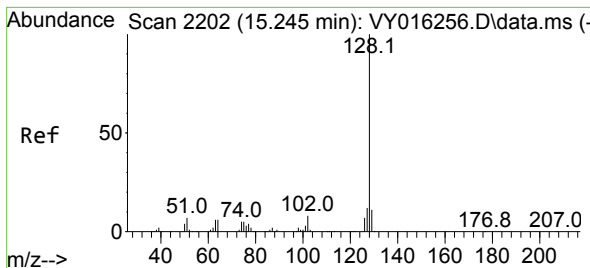
Ion Ratio Lower Upper

225 100

223 64.6 31.9 95.9

227 65.5 33.0 98.9





#95

Naphthalene

Concen: 13.827 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016437.D

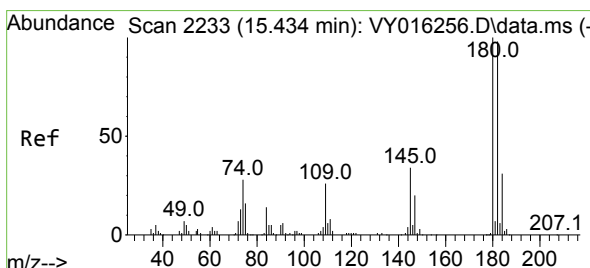
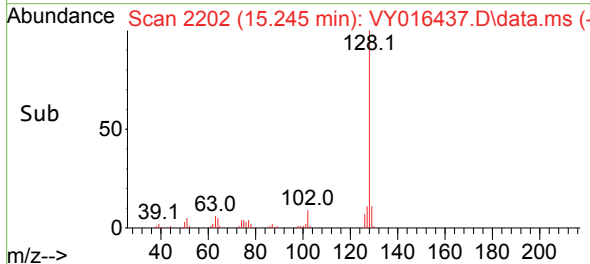
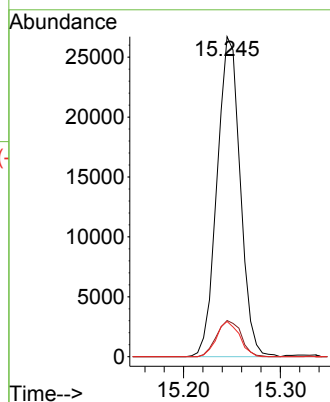
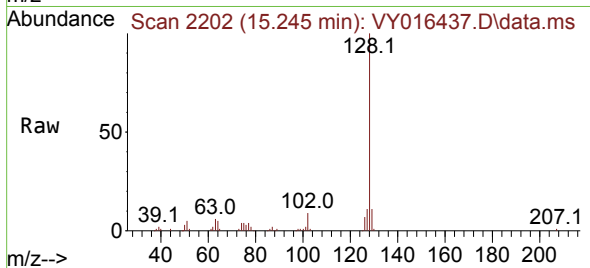
Acq: 21 Nov 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	44379
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.8 16.2
129	10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 14.121 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016437.D

Acq: 21 Nov 2023 14:56

Tgt Ion:180	Resp:	20960
Ion Ratio	Lower	Upper
180	100	
182	98.5	47.3 141.8
145	33.1	15.4 46.2

