

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016447.D
 Acq On : 21 Nov 2023 18:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	149739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	239315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	210333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	97541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	67561	49.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.740%
35) Dibromofluoromethane	7.740	113	75458	55.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.020%
50) Toluene-d8	10.197	98	284465	51.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.496	95	94086	52.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	135988	92.749	ug/l	98
3) Chloromethane	2.125	50	151642	88.311	ug/l	98
4) Vinyl Chloride	2.260	62	168102	91.040	ug/l	98
5) Bromomethane	2.662	94	112228	92.486	ug/l	97
6) Chloroethane	2.808	64	107322	91.089	ug/l	97
7) Trichlorofluoromethane	3.144	101	274039	102.011	ug/l	97
8) Diethyl Ether	3.546	74	82442	102.682	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.918	101	160226	99.027	ug/l	96
10) Methyl Iodide	4.113	142	206145	117.968	ug/l	98
11) Tert butyl alcohol	4.979	59	44294	413.311	ug/l #	82
12) 1,1-Dichloroethene	3.893	96	156290	103.287	ug/l	83
13) Acrolein	3.747	56	24490	189.457	ug/l	98
14) Allyl chloride	4.503	41	207657	96.707	ug/l #	89
15) Acrylonitrile	5.186	53	150695	472.955	ug/l	97
16) Acetone	3.960	43	106894	472.196	ug/l	90
17) Carbon Disulfide	4.217	76	468920	102.708	ug/l	98
18) Methyl Acetate	4.497	43	109087	90.687	ug/l #	85
19) Methyl tert-butyl Ether	5.247	73	365255	99.732	ug/l	97
20) Methylene Chloride	4.741	84	188915	123.228	ug/l #	85
21) trans-1,2-Dichloroethene	5.247	96	182900	104.980	ug/l	90
22) Diisopropyl ether	6.143	45	424456	91.722	ug/l #	85
23) Vinyl Acetate	6.082	43	1001177	446.494	ug/l #	89
24) 1,1-Dichloroethane	6.045	63	287842	100.824	ug/l	95
25) 2-Butanone	7.009	43	169104	426.482	ug/l #	83
26) 2,2-Dichloropropane	7.003	77	269449	103.701	ug/l	96
27) cis-1,2-Dichloroethene	7.009	96	200587	106.833	ug/l	88
28) Bromochloromethane	7.356	49	106193	100.505	ug/l #	76
29) Tetrahydrofuran	7.368	42	111677	426.118	ug/l #	81
30) Chloroform	7.527	83	310295	104.419	ug/l	96
31) Cyclohexane	7.807	56	233652	86.716	ug/l #	86
32) 1,1,1-Trichloroethane	7.722	97	287876	105.682	ug/l	96
36) 1,1-Dichloropropene	7.941	75	234087	99.165	ug/l	97
37) Ethyl Acetate	7.094	43	78374	82.171	ug/l #	91
38) Carbon Tetrachloride	7.923	117	261870	106.888	ug/l	99
39) Methylcyclohexane	9.203	83	290779	98.857	ug/l	89
40) Benzene	8.179	78	688805	103.859	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	39097	81.297	ug/l #	88
42) 1,2-Dichloroethane	8.258	62	172087	100.143	ug/l	92
43) Isopropyl Acetate	8.289	43	155985	84.606	ug/l #	85
44) Trichloroethene	8.960	130	206220	108.192	ug/l	96
45) 1,2-Dichloropropane	9.234	63	159153	99.922	ug/l	97
46) Dibromomethane	9.325	93	87328	101.177	ug/l	100
47) Bromodichloromethane	9.514	83	232299	104.686	ug/l	99
48) Methyl methacrylate	9.307	41	90993	89.302	ug/l #	80
49) 1,4-Dioxane	9.313	88	17915	1955.077	ug/l #	63
51) 4-Methyl-2-Pentanone	10.087	43	389159	417.420	ug/l #	85
52) Toluene	10.258	92	442650	105.585	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	219146	101.874	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	265360	103.281	ug/l #	85
55) 1,1,2-Trichloroethane	10.660	97	121551	102.174	ug/l	95
56) Ethyl methacrylate	10.526	69	111933	99.674	ug/l #	77
57) 1,3-Dichloropropane	10.807	76	204150	100.673	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	190716	250.459	ug/l #	89
59) 2-Hexanone	10.849	43	264218	381.012	ug/l	83
60) Dibromochloromethane	11.002	129	160854	108.113	ug/l	100
61) 1,2-Dibromoethane	11.106	107	116354	102.661	ug/l	100
64) Tetrachloroethene	10.734	164	206364	109.269	ug/l	97
65) Chlorobenzene	11.532	112	475299	105.767	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	178289	107.567	ug/l	99
67) Ethyl Benzene	11.605	91	846673	104.837	ug/l	97
68) m/p-Xylenes	11.715	106	651709	212.754	ug/l	93
69) o-Xylene	12.044	106	305557	107.437	ug/l	95
70) Styrene	12.057	104	441560	108.427	ug/l	97
71) Bromoform	12.221	173	90256	104.944	ug/l #	99
73) Isopropylbenzene	12.343	105	815779	103.280	ug/l	99
74) N-amyl acetate	12.154	43	131279	82.744	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.593	83	112368	88.657	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	158193	169.064	ug/l #	100
77) Bromobenzene	12.624	156	188230	105.439	ug/l	89
78) n-propylbenzene	12.685	91	934819	100.146	ug/l	98
79) 2-Chlorotoluene	12.770	91	521775	101.429	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	661064	103.806	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	42007	97.445	ug/l	87
82) 4-Chlorotoluene	12.867	91	530861	99.868	ug/l	97
83) tert-Butylbenzene	13.087	119	588664	104.945	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	651538	103.904	ug/l	98
85) sec-Butylbenzene	13.270	105	794651	99.163	ug/l	99
86) p-Isopropyltoluene	13.380	119	705192	102.197	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	357255	104.020	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	345679	102.987	ug/l	100
89) n-Butylbenzene	13.709	91	620295	97.340	ug/l	96
90) Hexachloroethane	13.971	117	135881	102.083	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	304936	103.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	18480	91.643	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	187084	108.906	ug/l	99
94) Hexachlorobutadiene	15.123	225	98583	100.169	ug/l	98
95) Naphthalene	15.251	128	334009	108.712	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	153954	108.352	ug/l	99

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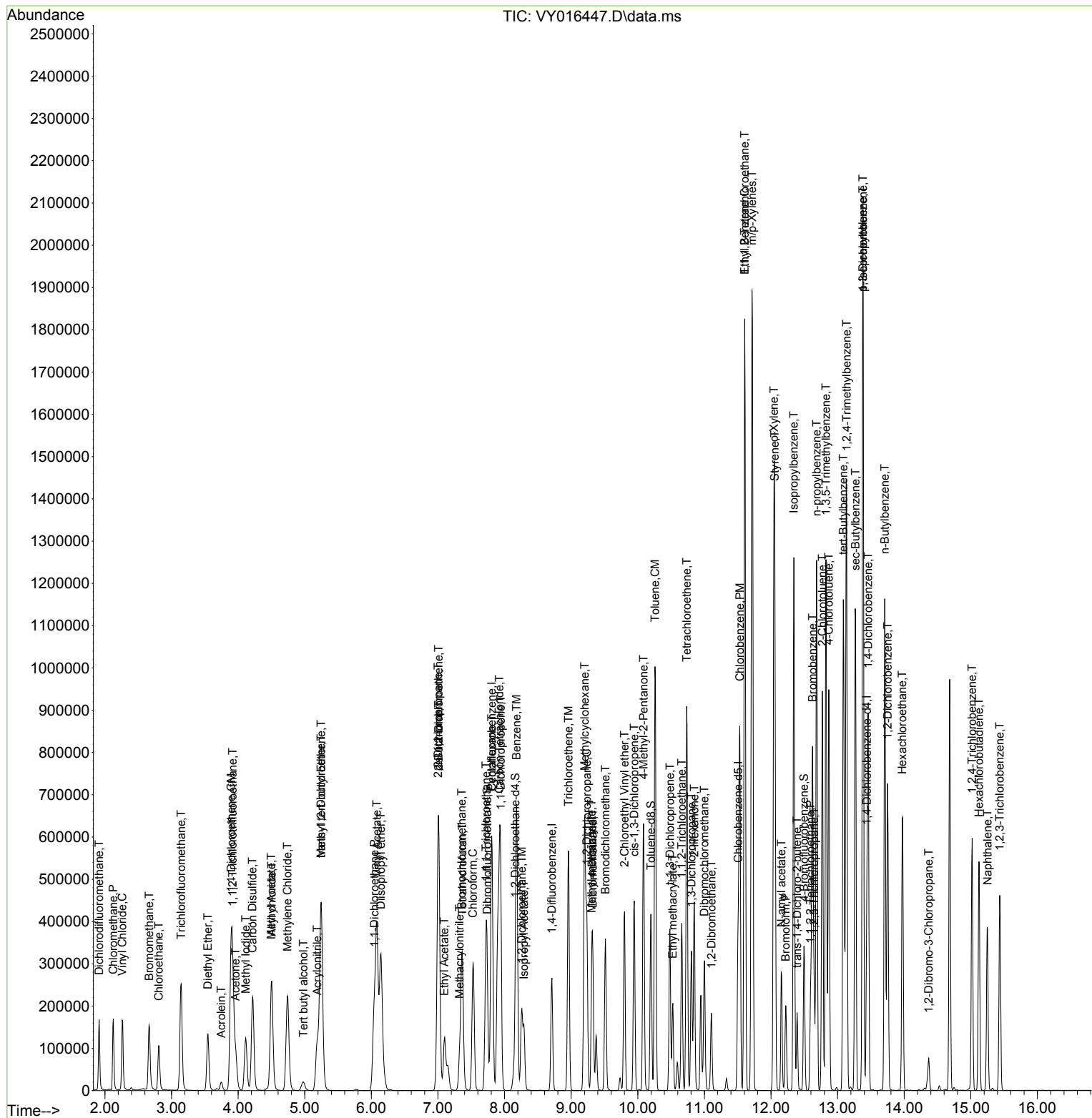
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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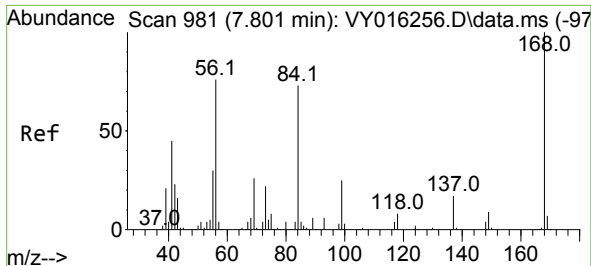
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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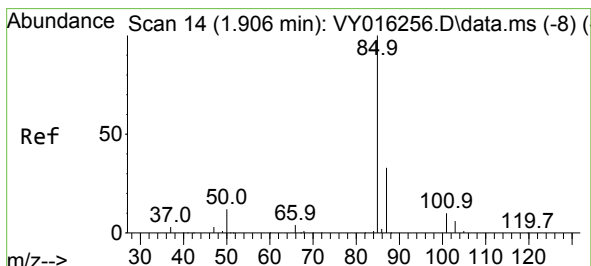
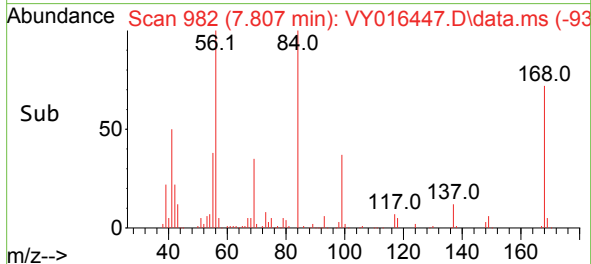
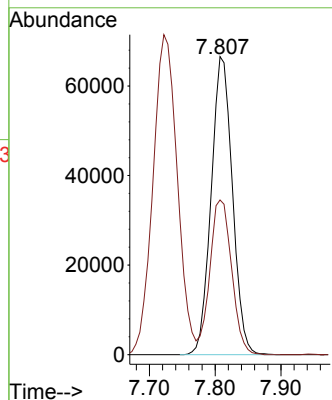
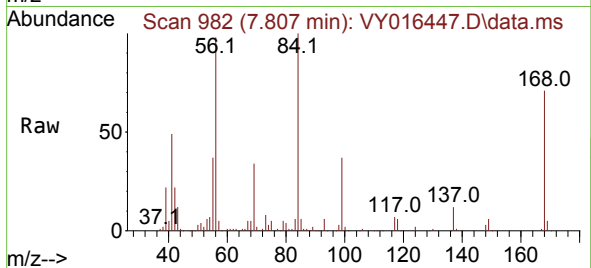




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016447.D
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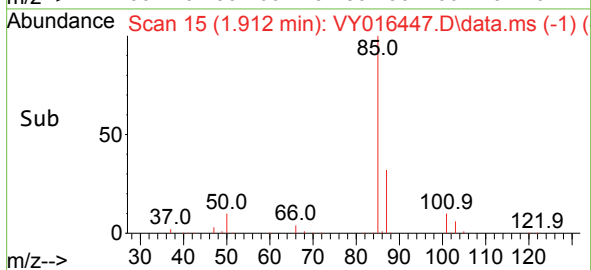
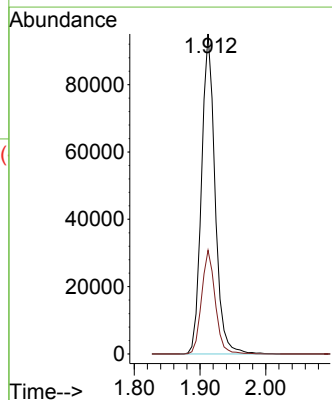
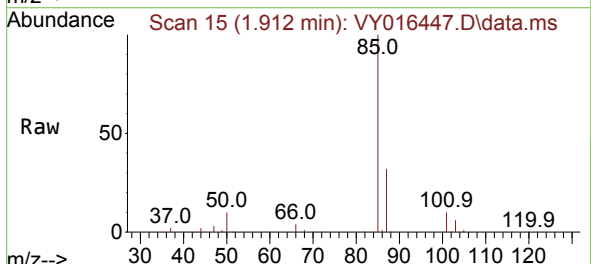
Instrument :
MSVOA_Y
ClientSampleId :

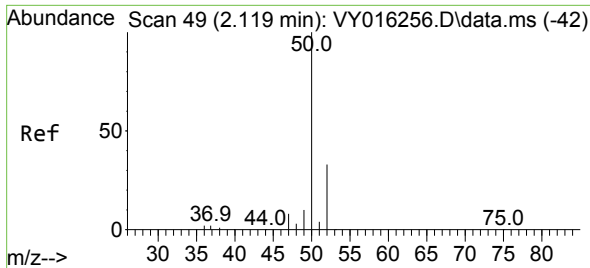
Tgt Ion:168 Resp: 149739
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 92.749 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 85 Resp: 135988
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8

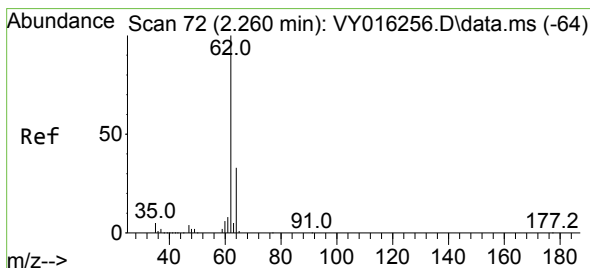
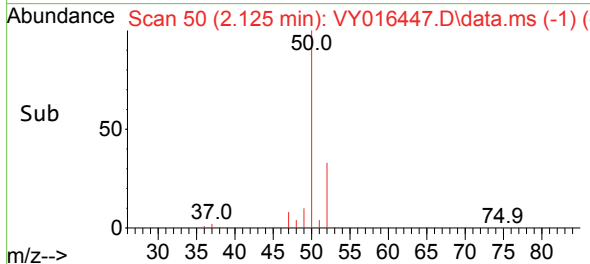
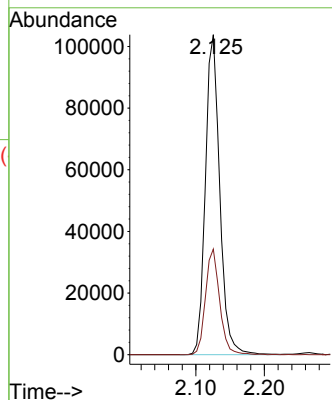
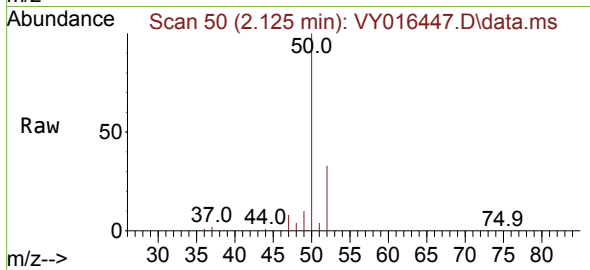




#3
Chloromethane
Concen: 88.311 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

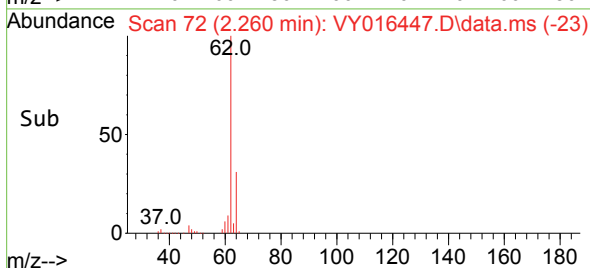
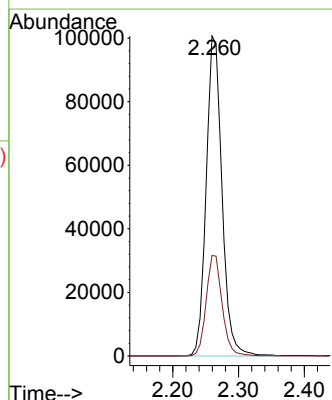
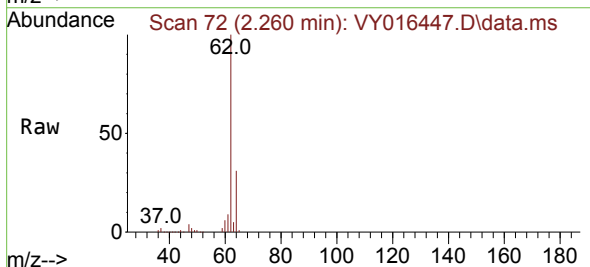
Instrument :
MSVOA_Y
ClientSampleId :

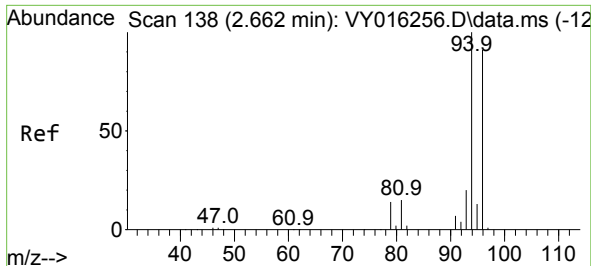
Tgt Ion: 50 Resp: 151642
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 91.040 ug/l
RT: 2.260 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 62 Resp: 168102
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

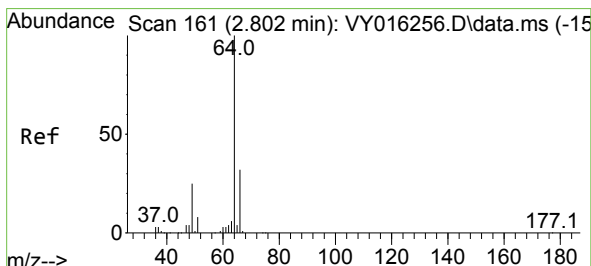
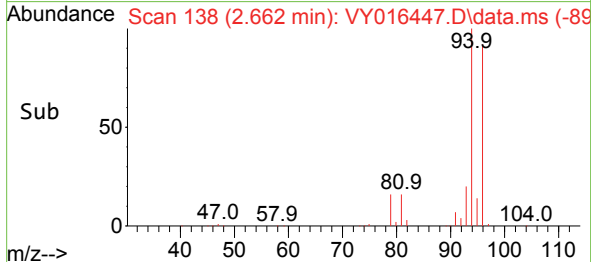
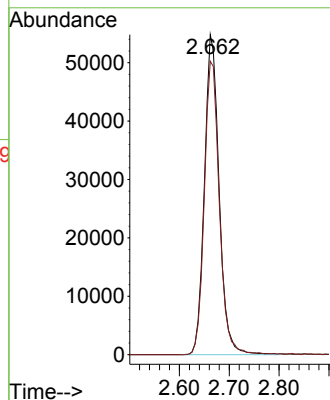
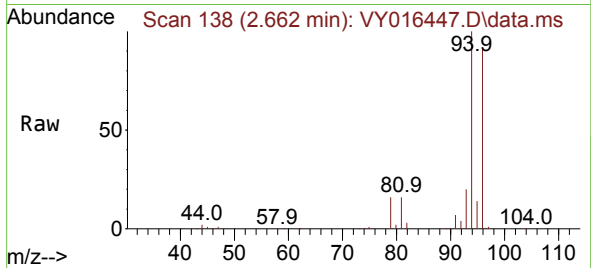




#5
Bromomethane
Concen: 92.486 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016447.D
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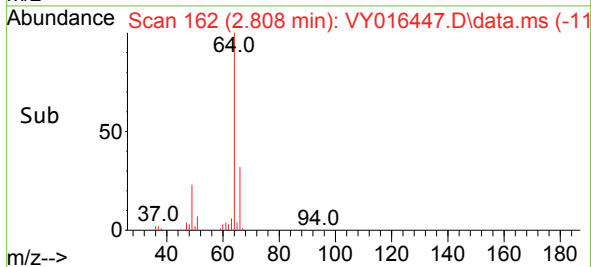
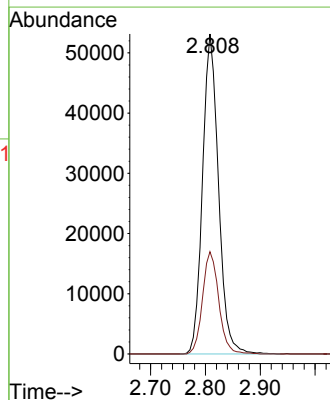
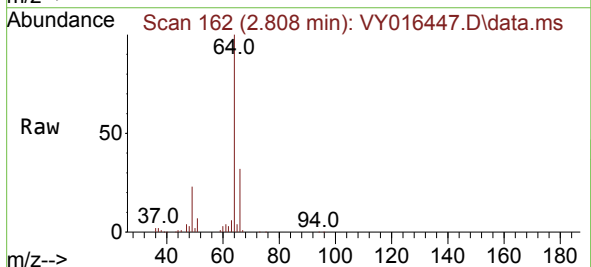
Instrument :
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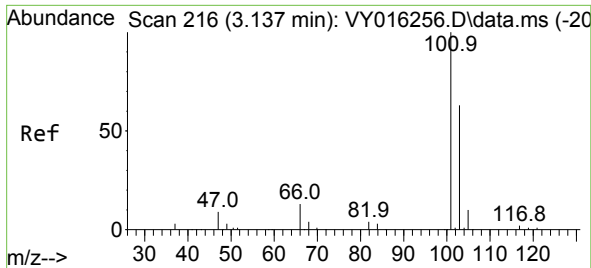
Tgt Ion: 94 Resp: 112228
Ion Ratio Lower Upper
94 100
96 91.7 75.8 113.6



#6
Chloroethane
Concen: 91.089 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016447.D
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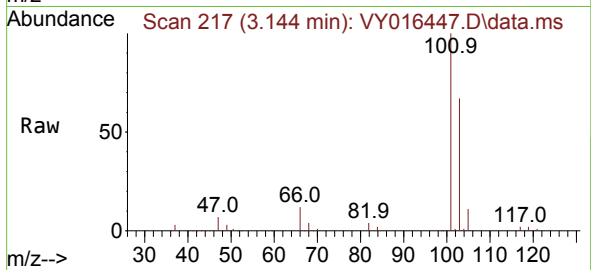
Tgt Ion: 64 Resp: 107322
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6



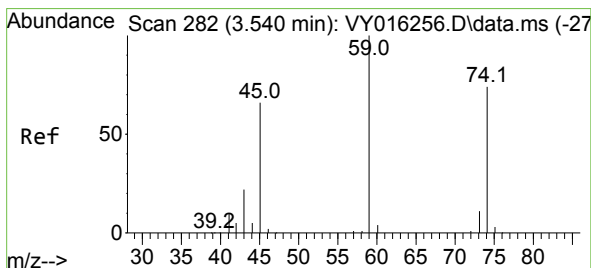
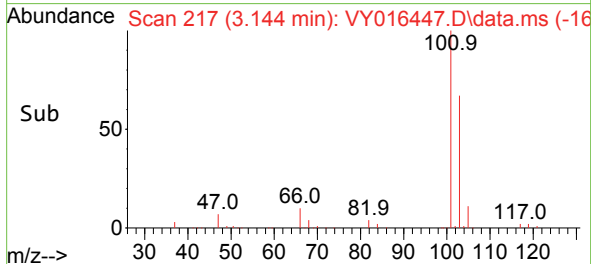
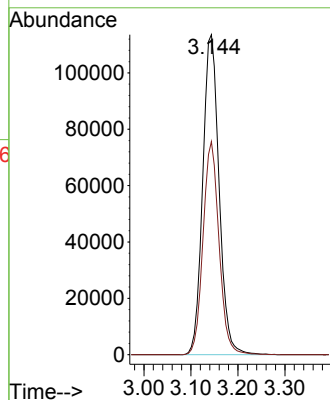


#7
Trichlorofluoromethane
Concen: 102.011 ug/l
RT: 3.144 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016447.D
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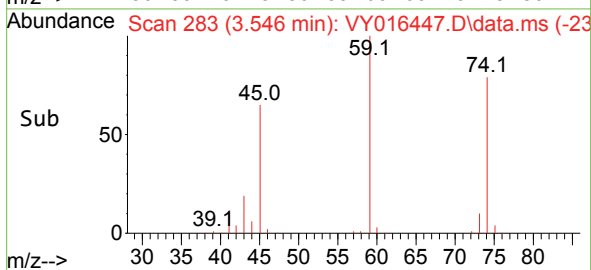
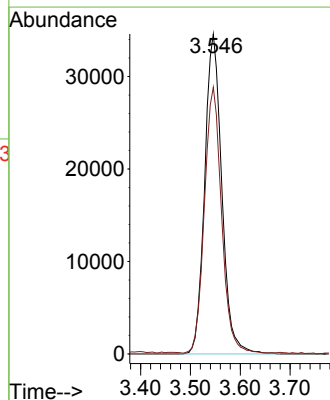
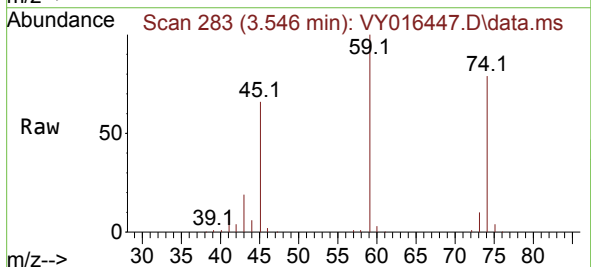


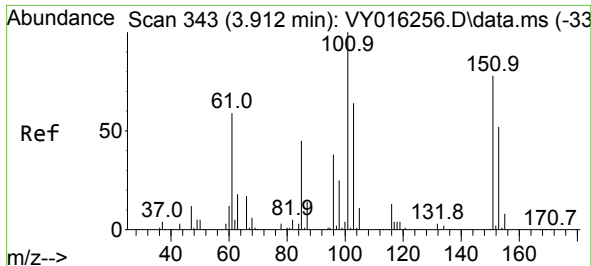
Tgt Ion:101 Resp: 274039
Ion Ratio Lower Upper
101 100
103 66.6 51.4 77.0



#8
Diethyl Ether
Concen: 102.682 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 74 Resp: 82442
Ion Ratio Lower Upper
74 100
45 83.2 51.5 154.5

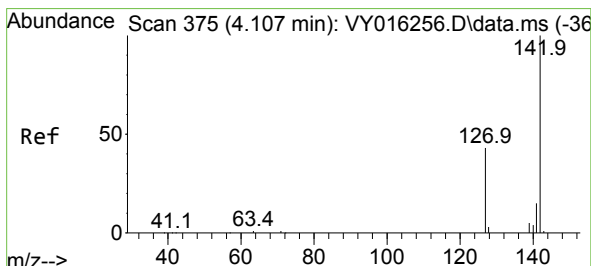
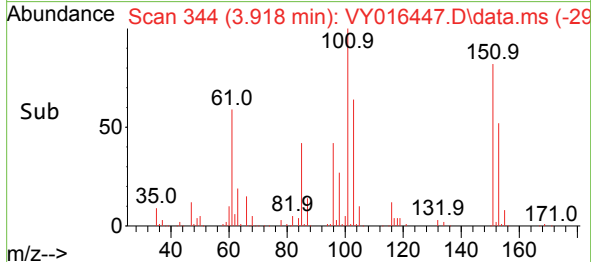
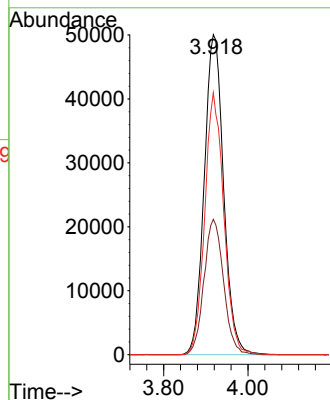
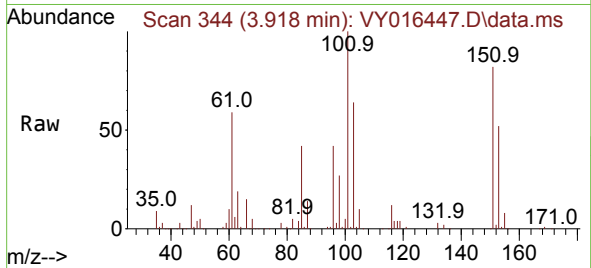




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.027 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

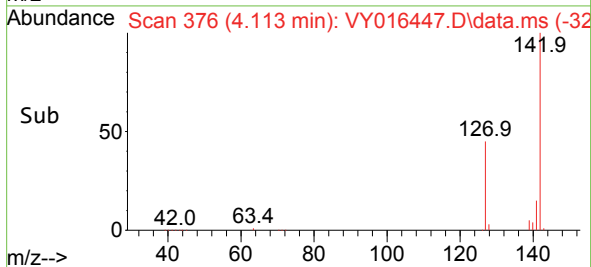
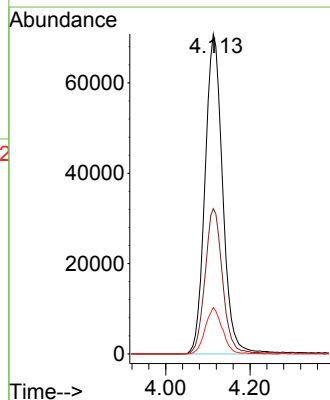
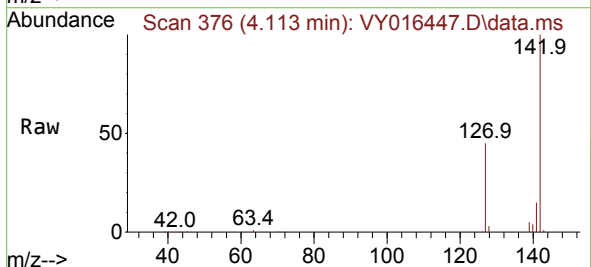
Instrument :
MSVOA_Y
ClientSampleId :

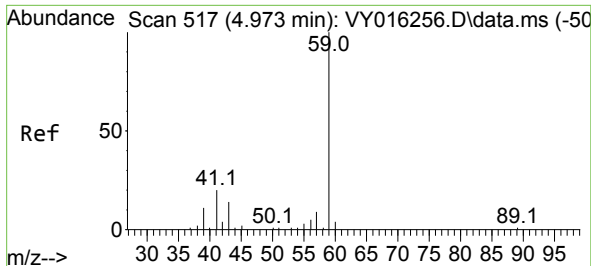
Tgt Ion:101 Resp: 160226
Ion Ratio Lower Upper
101 100
85 42.8 36.6 55.0
151 80.4 67.0 100.6



#10
Methyl Iodide
Concen: 117.968 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion:142 Resp: 206145
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.2 11.8 17.8

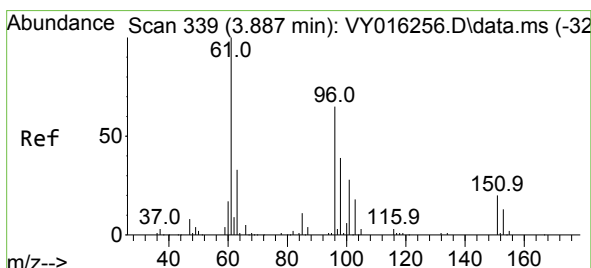
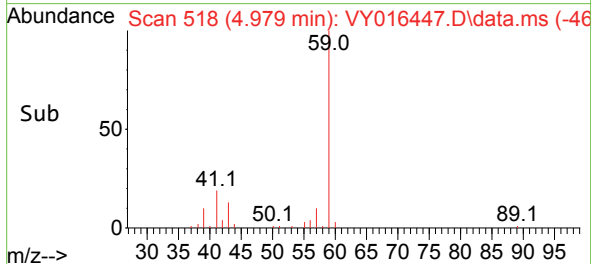
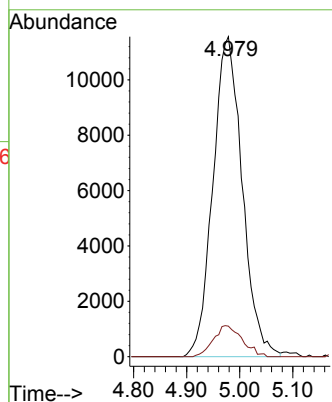
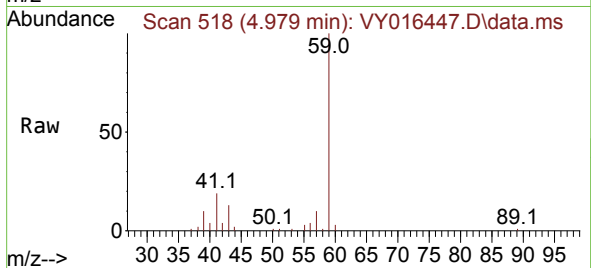




#11
Tert butyl alcohol
Concen: 413.311 ug/l
RT: 4.979 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

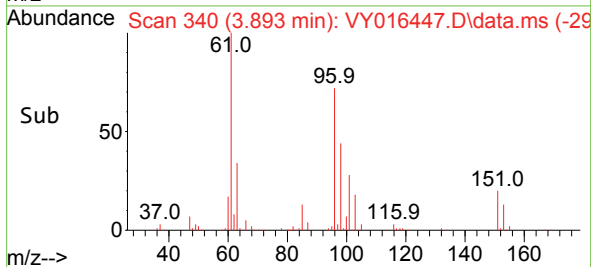
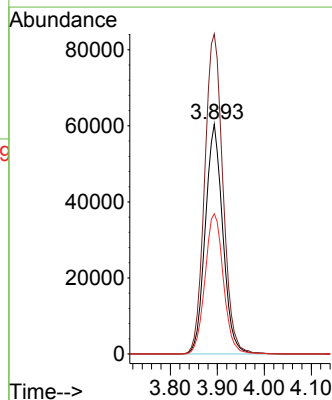
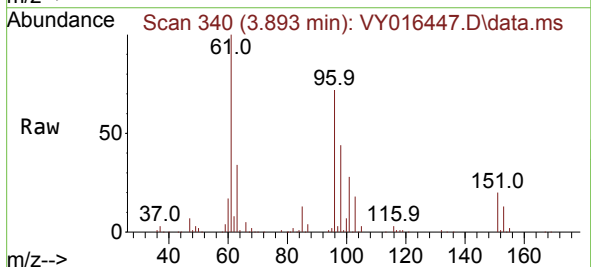
Instrument :
MSVOA_Y
ClientSampleId :

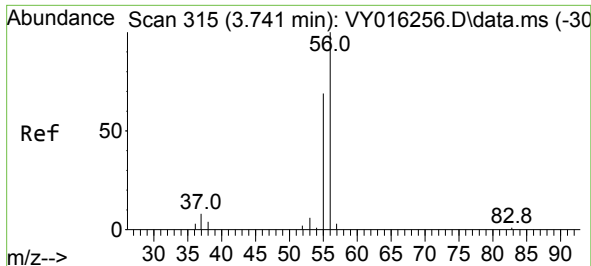
Tgt Ion: 59 Resp: 44294
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 103.287 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 96 Resp: 156290
Ion Ratio Lower Upper
96 100
61 139.2 136.4 204.6
98 60.9 49.4 74.2





#13

Acrolein

Concen: 189.457 ug/l

RT: 3.747 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

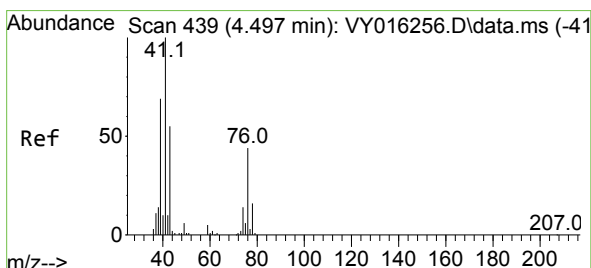
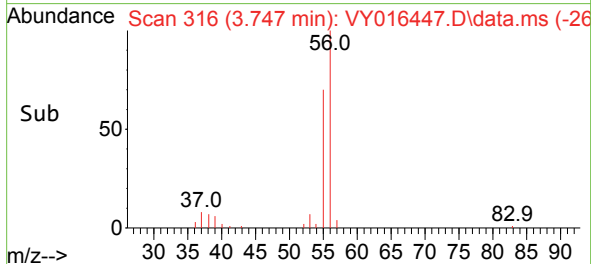
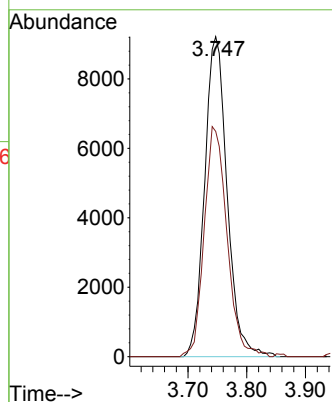
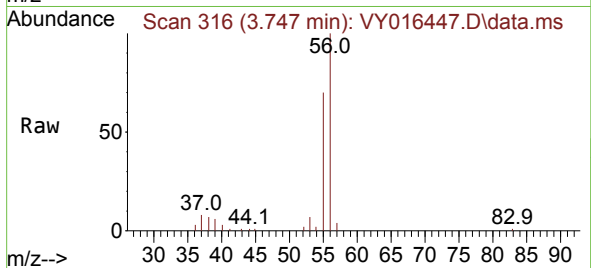
ClientSampleId :

Tgt Ion: 56 Resp: 24490

Ion Ratio Lower Upper

56 100

55 72.9 57.0 85.4



#14

Allyl chloride

Concen: 96.707 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

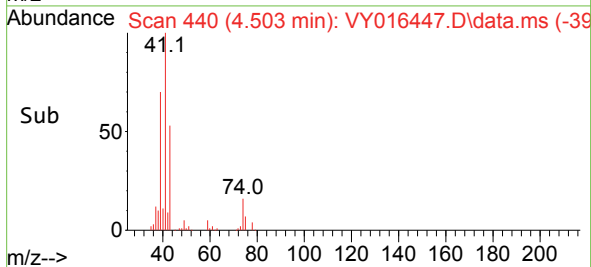
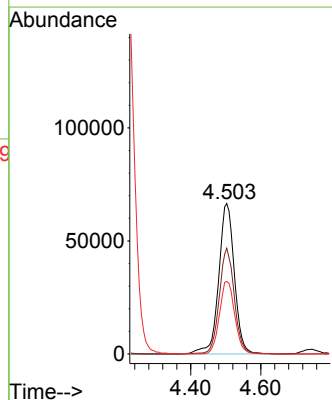
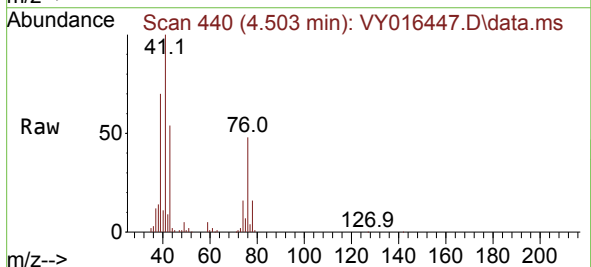
Tgt Ion: 41 Resp: 207657

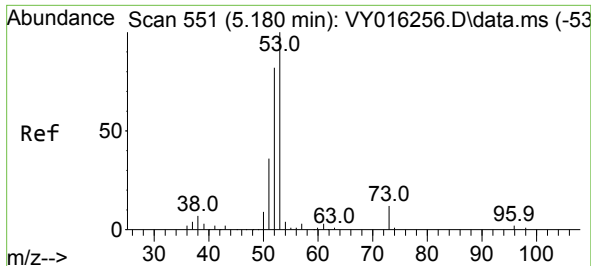
Ion Ratio Lower Upper

41 100

39 67.4 58.0 87.0

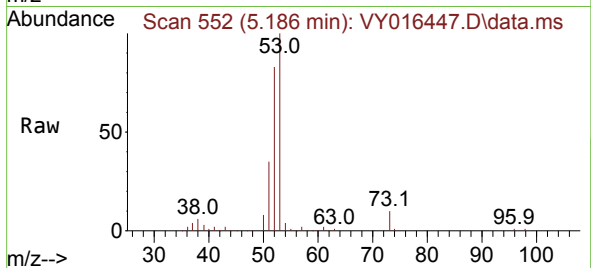
76 47.0 27.4 41.2#



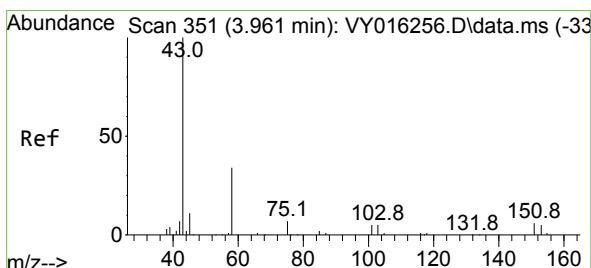
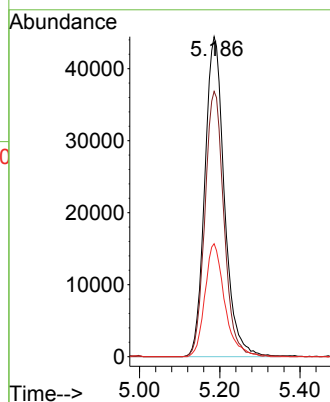
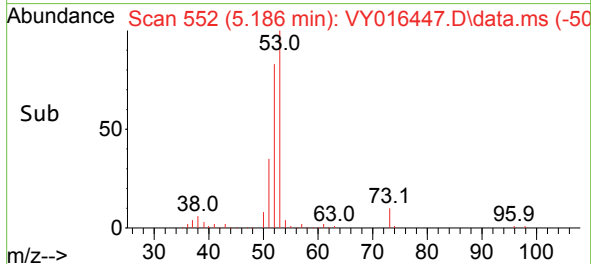


#15
Acrylonitrile
Concen: 472.955 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :

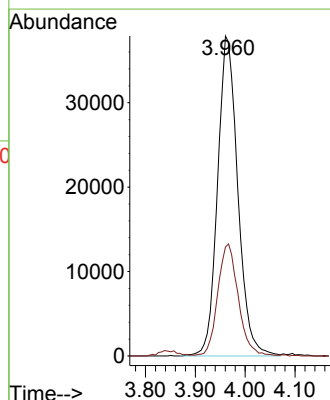
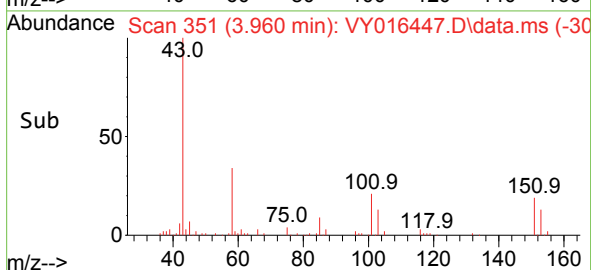
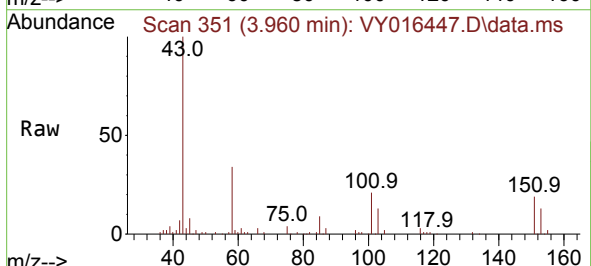


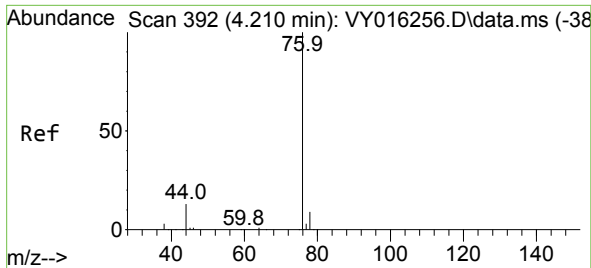
Tgt Ion: 53 Resp: 150695
Ion Ratio Lower Upper
53 100
52 80.6 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 472.196 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 43 Resp: 106894
Ion Ratio Lower Upper
43 100
58 33.8 22.7 34.1





#17

Carbon Disulfide

Concen: 102.708 ug/l

RT: 4.217 min Scan# 393

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

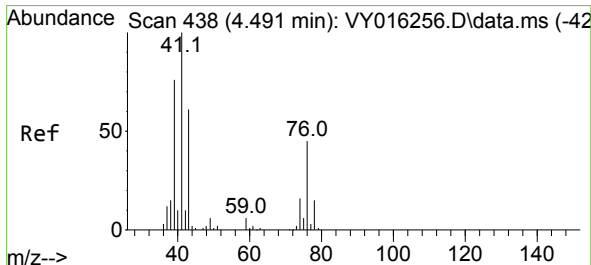
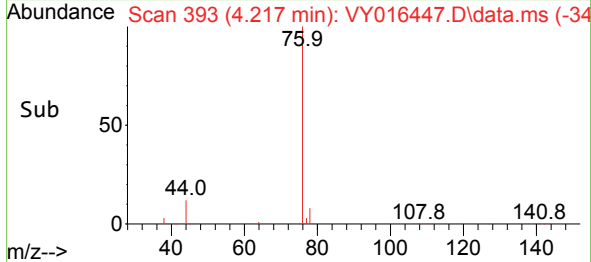
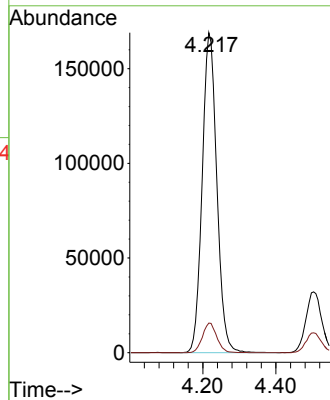
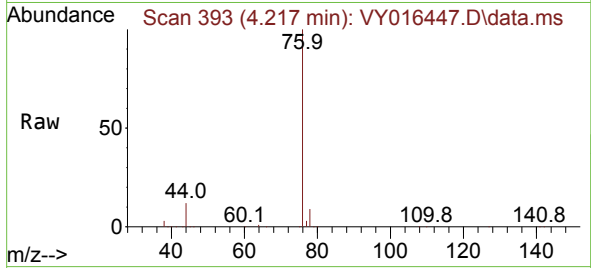
ClientSampleId :

Tgt Ion: 76 Resp: 468920

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 90.687 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016447.D

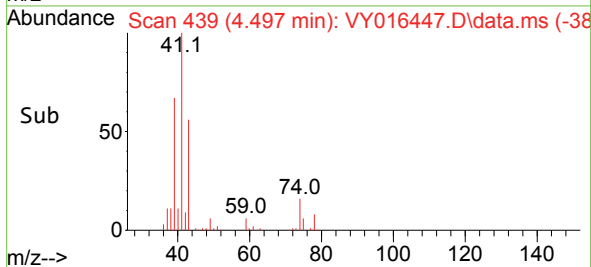
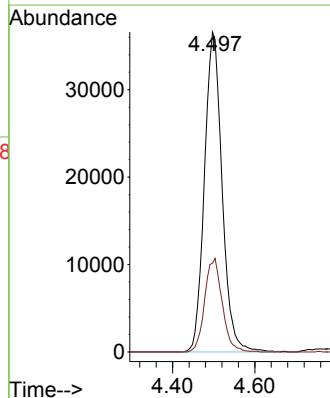
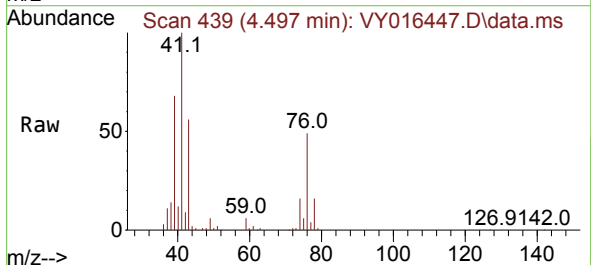
Acq: 21 Nov 2023 18:54

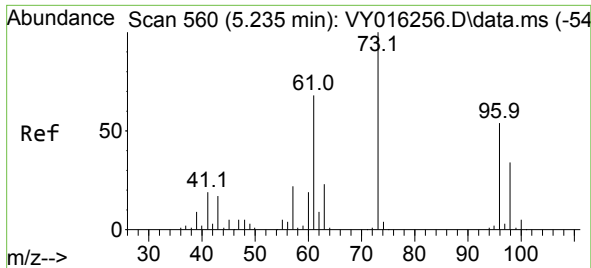
Tgt Ion: 43 Resp: 109087

Ion Ratio Lower Upper

43 100

74 29.0 17.4 26.0#

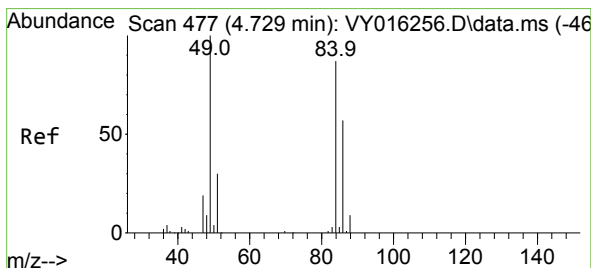
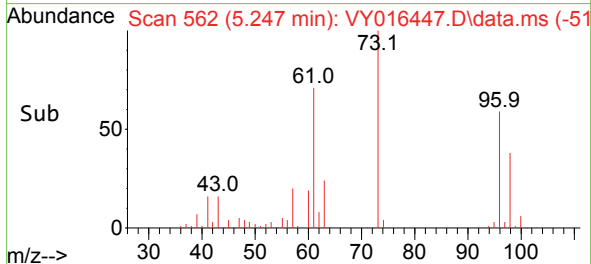
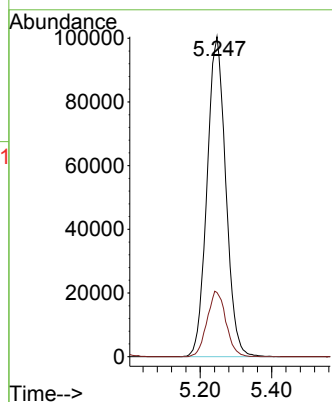
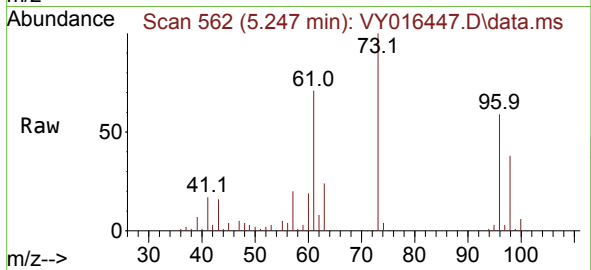




#19
Methyl tert-butyl Ether
Concen: 99.732 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

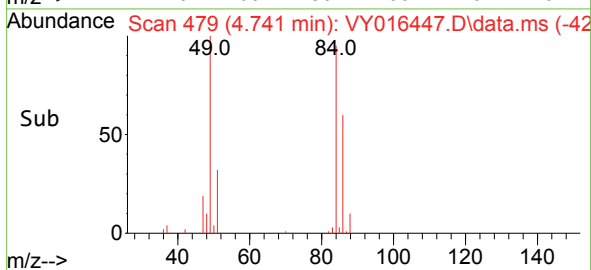
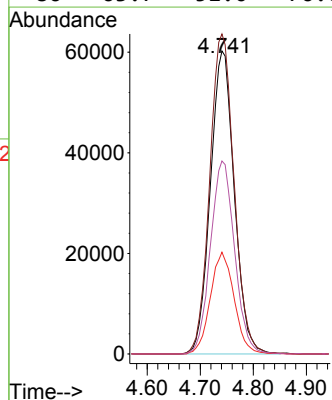
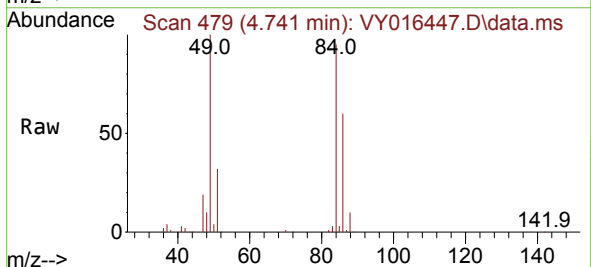
Instrument :
MSVOA_Y
ClientSampleId :

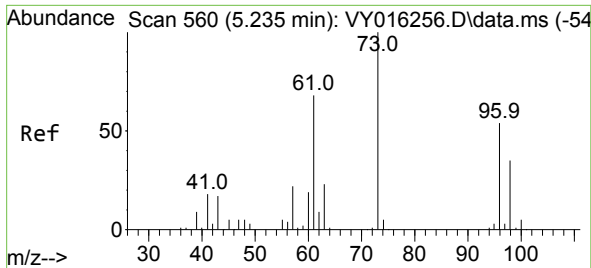
Tgt Ion: 73 Resp: 365255
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 123.228 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 84 Resp: 188915
Ion Ratio Lower Upper
84 100
49 105.6 106.9 160.3#
51 33.6 33.2 49.8
86 63.7 51.0 76.6

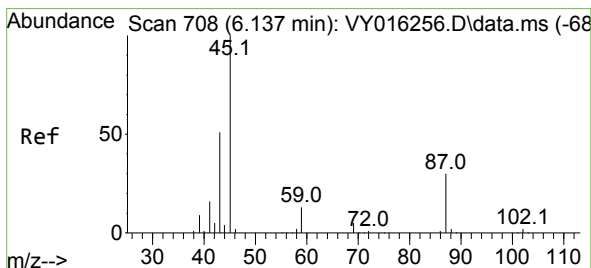
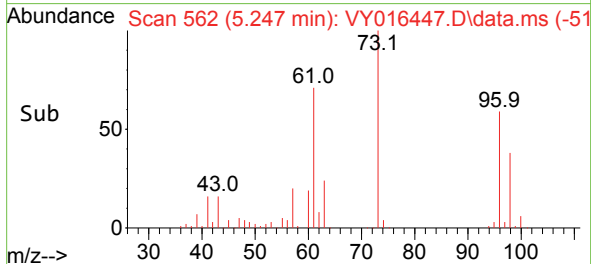
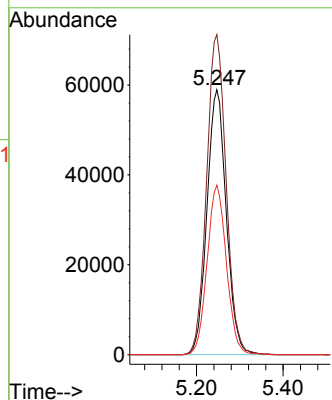
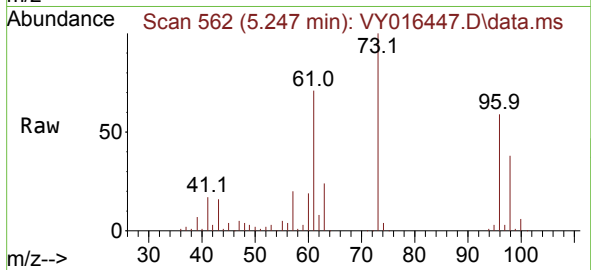




#21
trans-1,2-Dichloroethene
Concen: 104.980 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

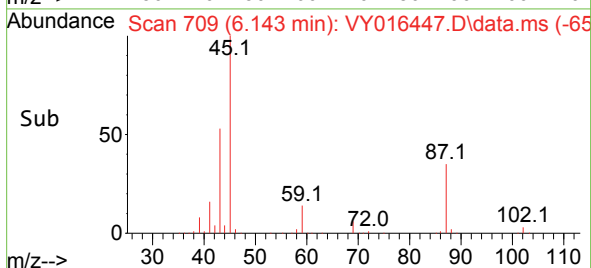
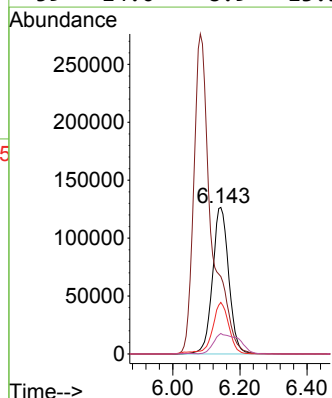
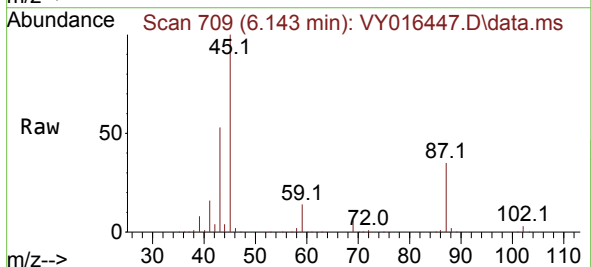
Instrument :
MSVOA_Y
ClientSampleId :

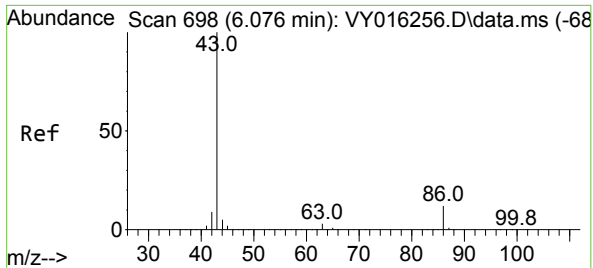
Tgt Ion: 96 Resp: 182900
Ion Ratio Lower Upper
96 100
61 120.7 110.2 165.4
98 63.9 51.8 77.6



#22
Diisopropyl ether
Concen: 91.722 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 45 Resp: 424456
Ion Ratio Lower Upper
45 100
43 52.7 52.2 78.4
87 35.2 21.0 31.6#
59 14.0 8.9 13.3#

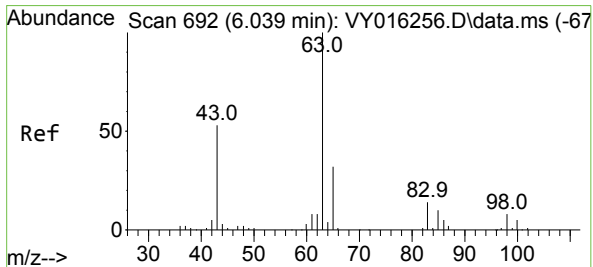
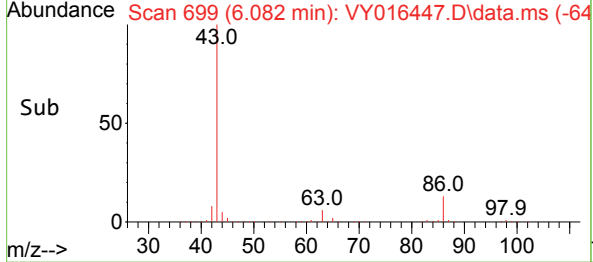
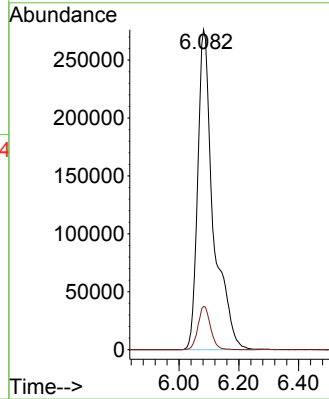
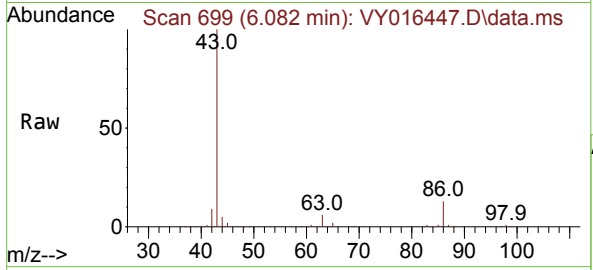




#23
 Vinyl Acetate
 Concen: 446.494 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016447.D
 Acq: 21 Nov 2023 18:54

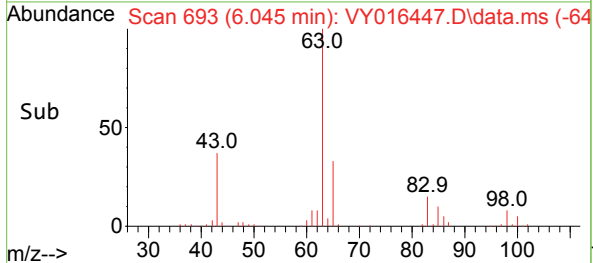
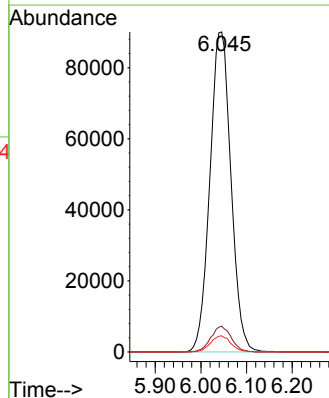
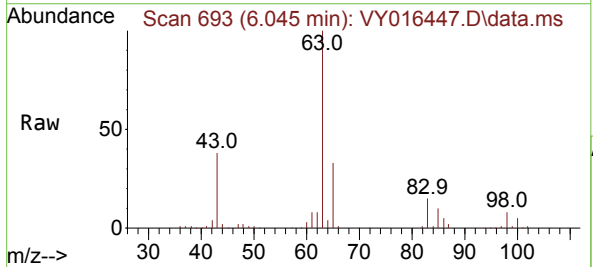
Instrument :
 MSVOA_Y
 ClientSampleId :

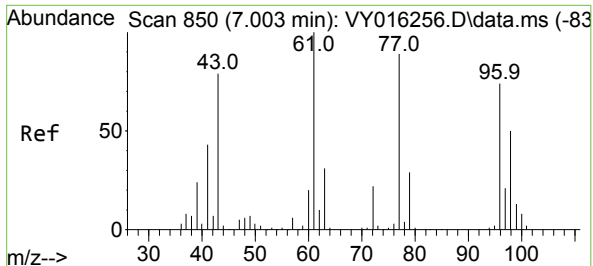
Tgt Ion: 43 Resp: 1001177
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 100.824 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY016447.D
 Acq: 21 Nov 2023 18:54

Tgt Ion: 63 Resp: 287842
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 426.482 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

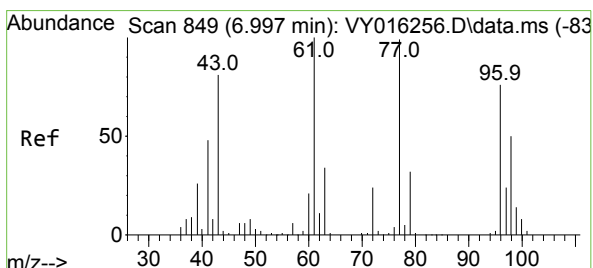
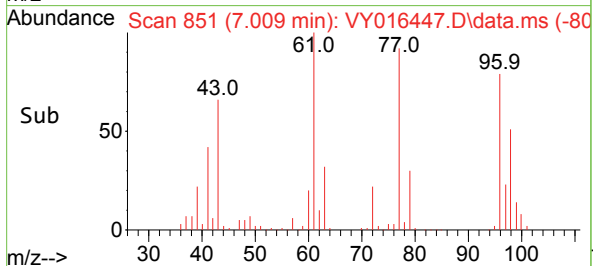
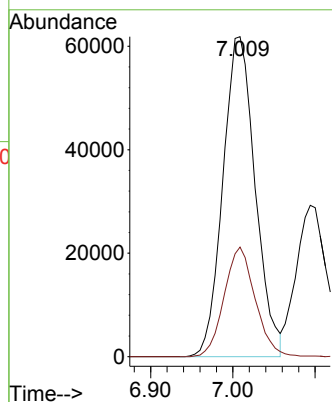
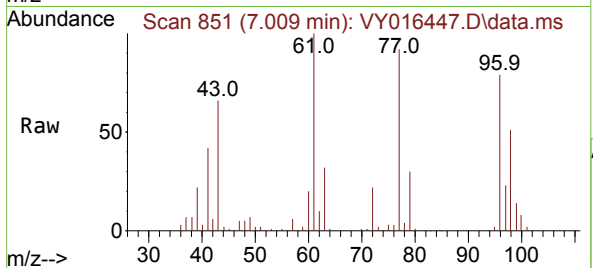
ClientSampleId :

Tgt Ion: 43 Resp: 169104

Ion Ratio Lower Upper

43 100

72 34.2 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 103.701 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016447.D

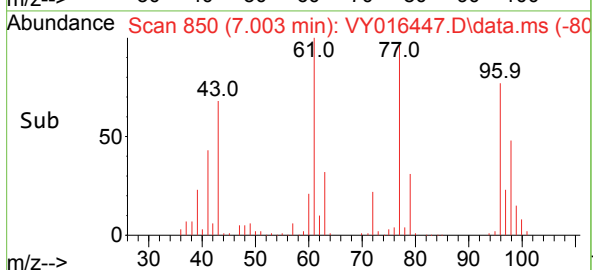
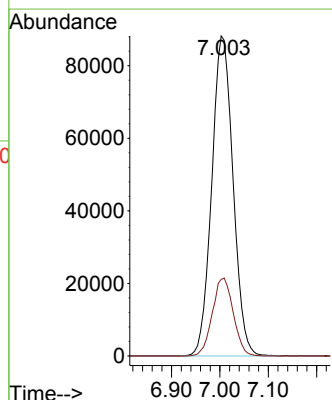
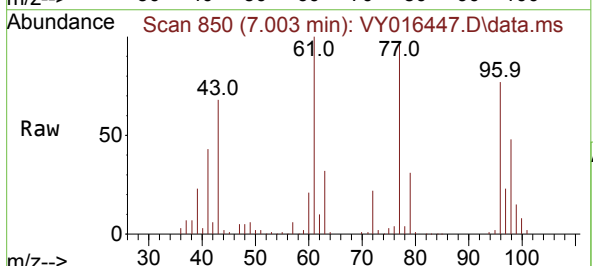
Acq: 21 Nov 2023 18:54

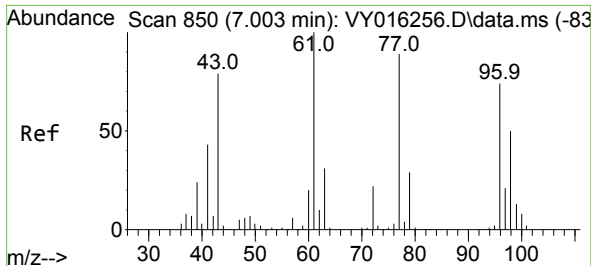
Tgt Ion: 77 Resp: 269449

Ion Ratio Lower Upper

77 100

97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 106.833 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

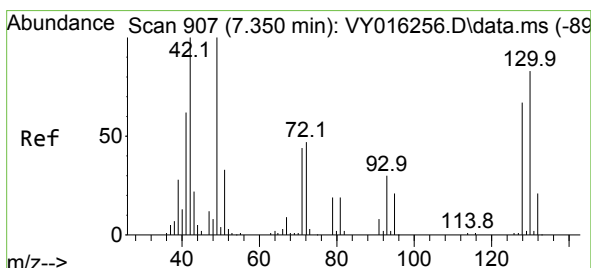
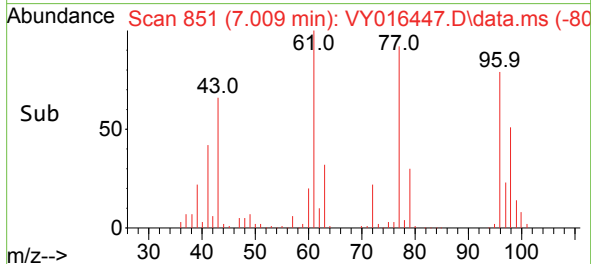
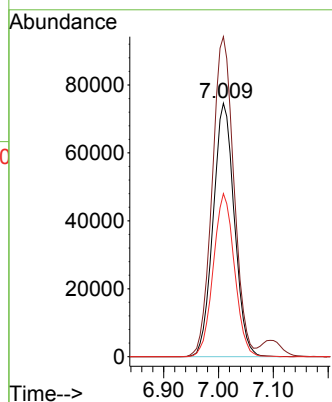
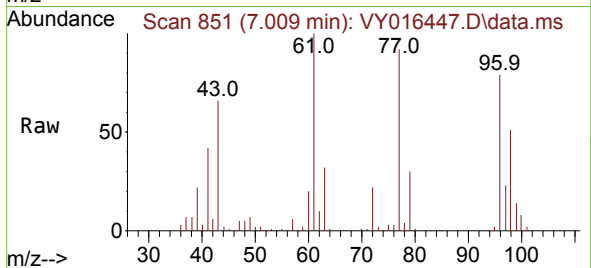
Tgt Ion: 96 Resp: 200587

Ion Ratio Lower Upper

96 100

61 129.0 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 100.505 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

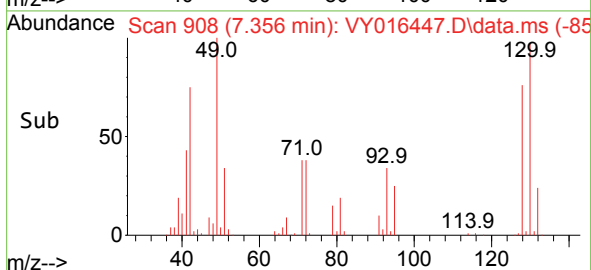
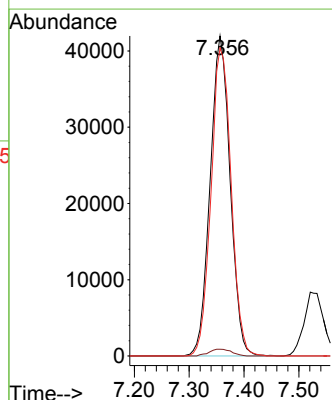
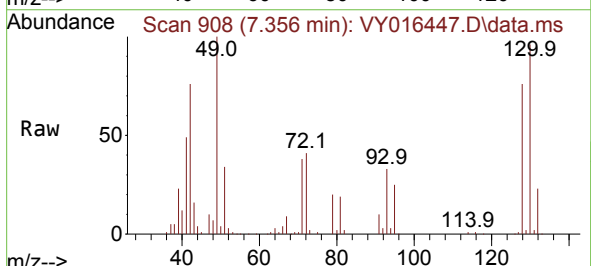
Tgt Ion: 49 Resp: 106193

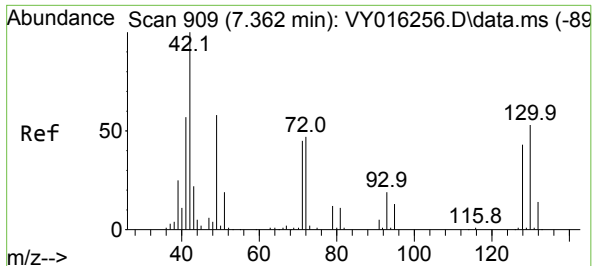
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 96.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 426.118 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

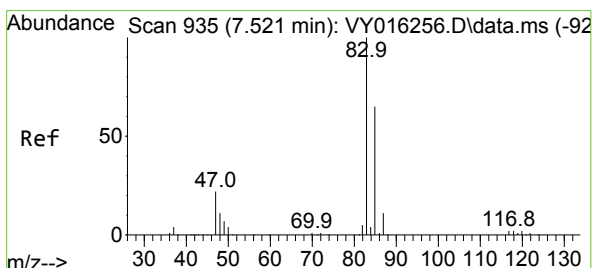
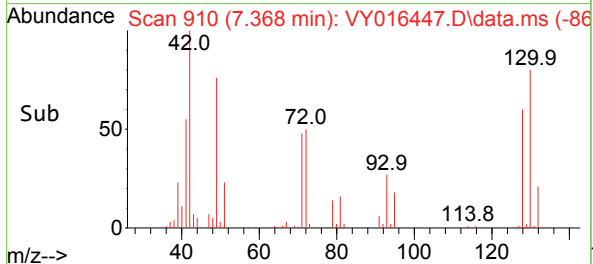
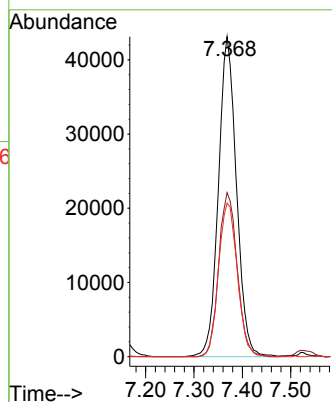
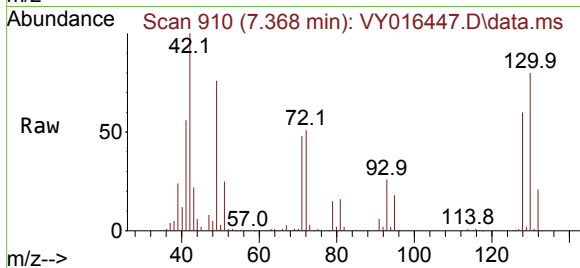
Tgt Ion: 42 Resp: 111677

Ion Ratio Lower Upper

42 100

72 52.6 32.8 49.2#

71 49.9 31.0 46.4#



#30

Chloroform

Concen: 104.419 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016447.D

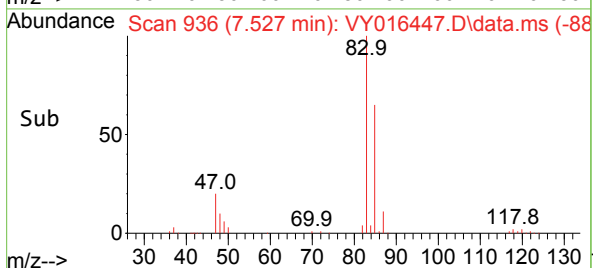
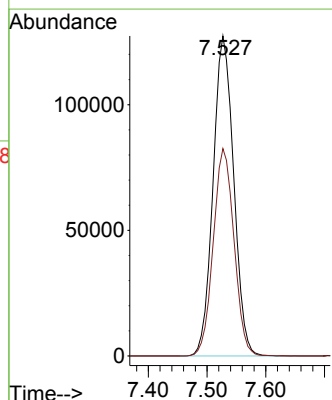
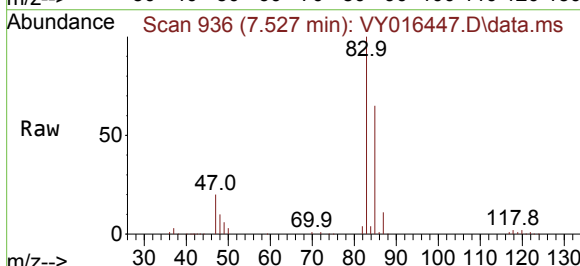
Acq: 21 Nov 2023 18:54

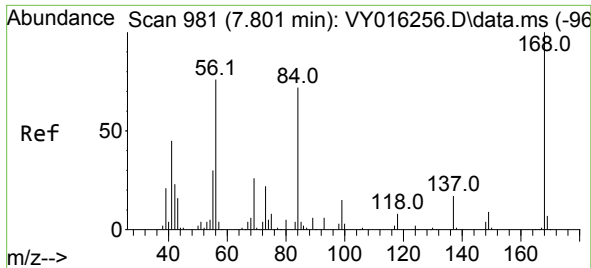
Tgt Ion: 83 Resp: 310295

Ion Ratio Lower Upper

83 100

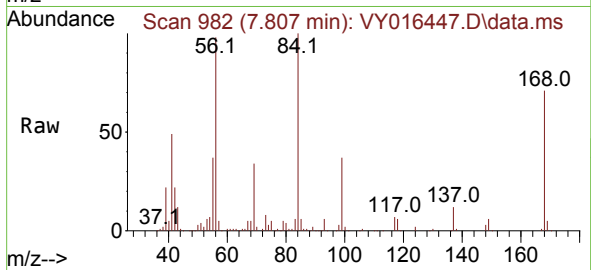
85 64.8 49.7 74.5



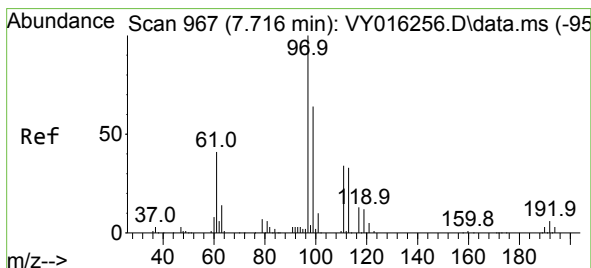
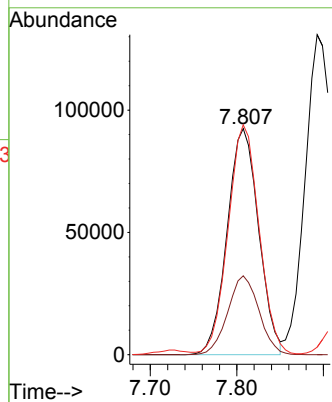
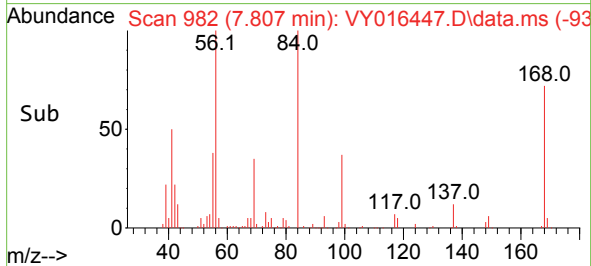


#31
Cyclohexane
Concen: 86.716 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :

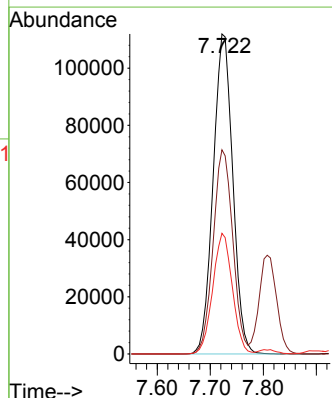
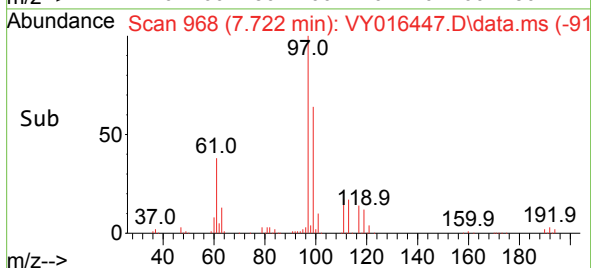
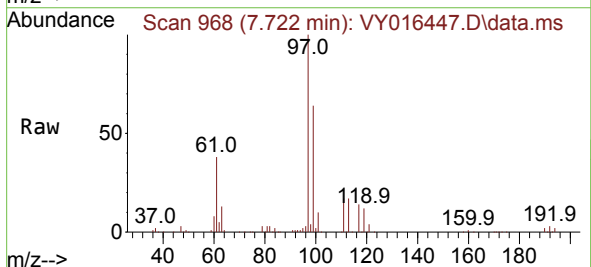


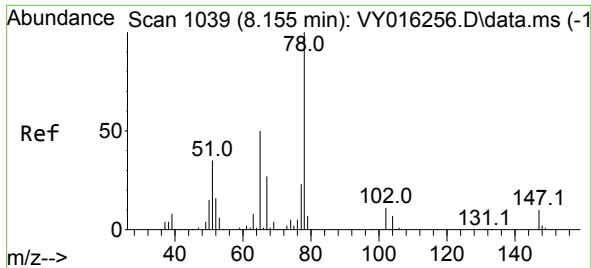
Tgt Ion: 56 Resp: 233652
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.6
84 100.1 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 105.682 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 97 Resp: 287876
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 37.7 35.1 52.7

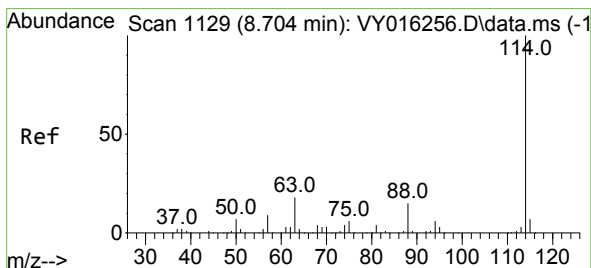
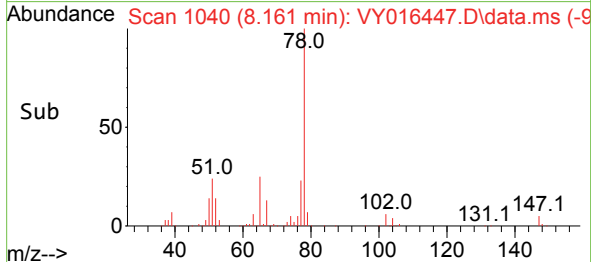
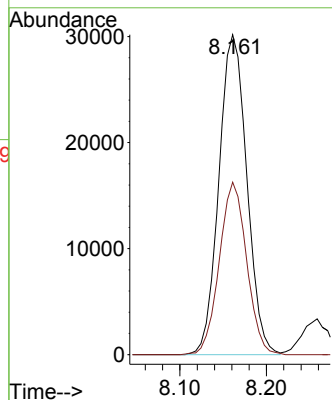
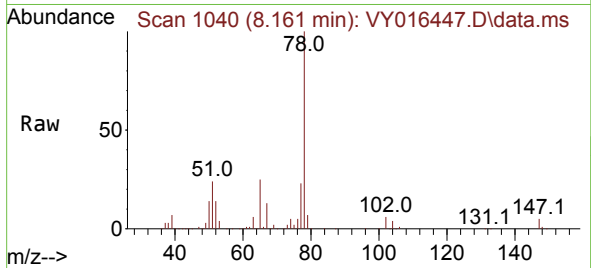




#33
 1,2-Dichloroethane-d4
 Concen: 49.367 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY016447.D
 Acq: 21 Nov 2023 18:54

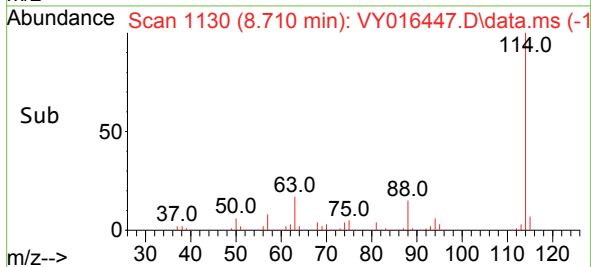
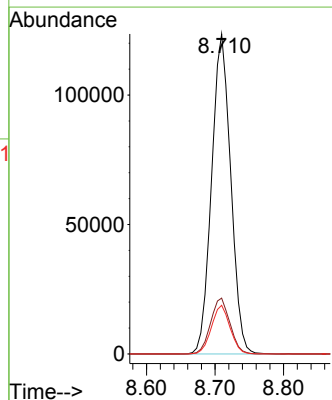
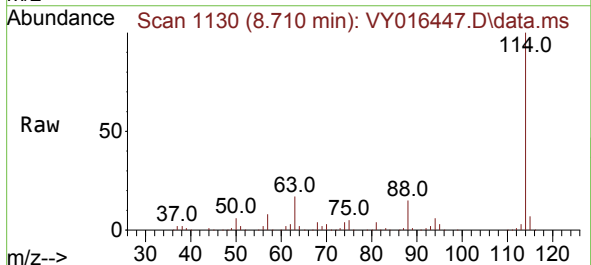
Instrument :
 MSVOA_Y
 ClientSampleId :

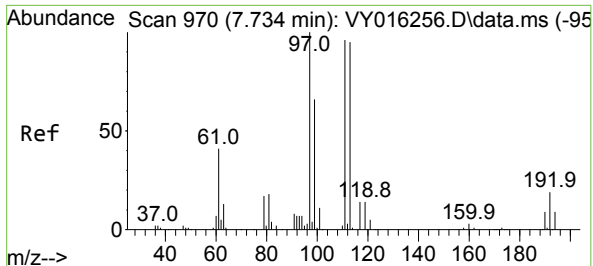
Tgt Ion: 65 Resp: 67561
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016447.D
 Acq: 21 Nov 2023 18:54

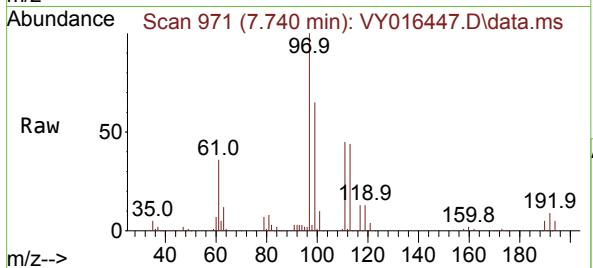
Tgt Ion:114 Resp: 239315
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 15.2 0.0 30.6



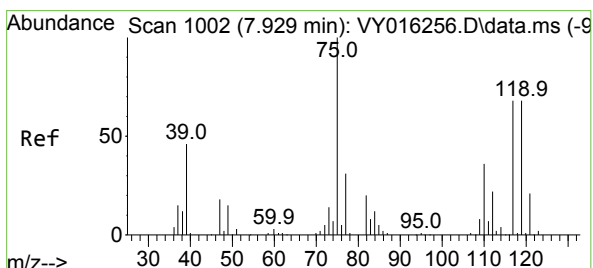
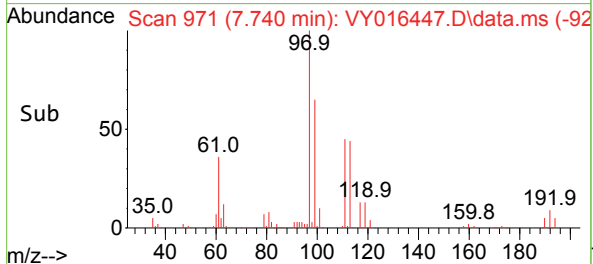
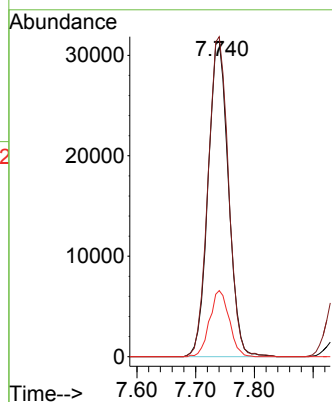


#35
Dibromofluoromethane
Concen: 55.506 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :

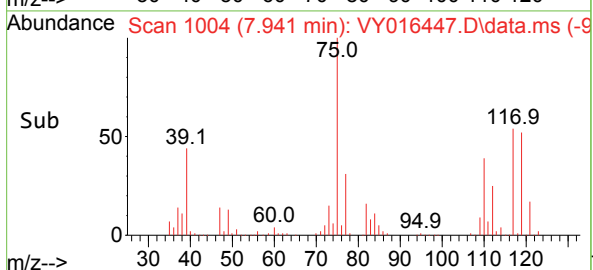
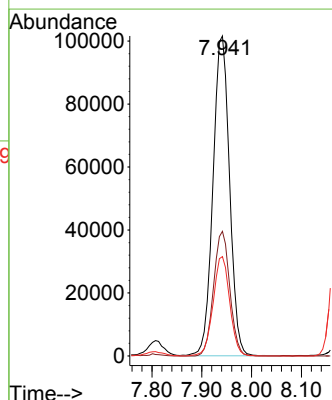
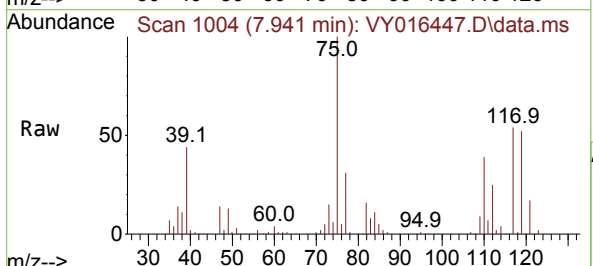


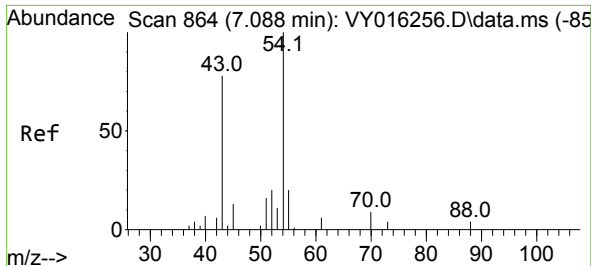
Tgt Ion:113 Resp: 75458
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 99.165 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 75 Resp: 234087
Ion Ratio Lower Upper
75 100
110 38.2 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 82.171 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016447.D

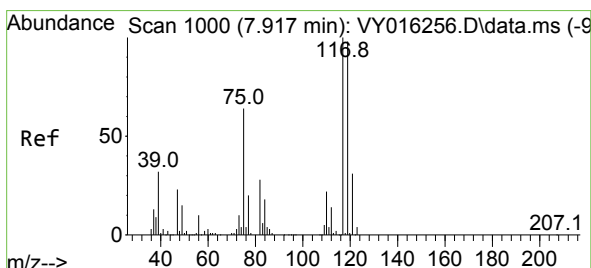
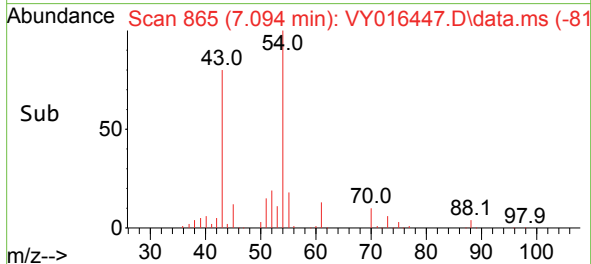
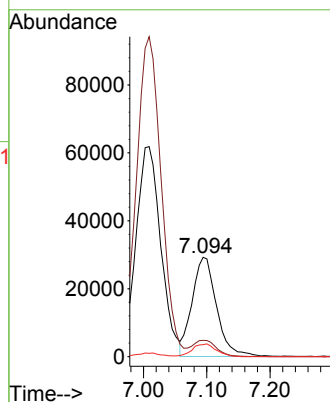
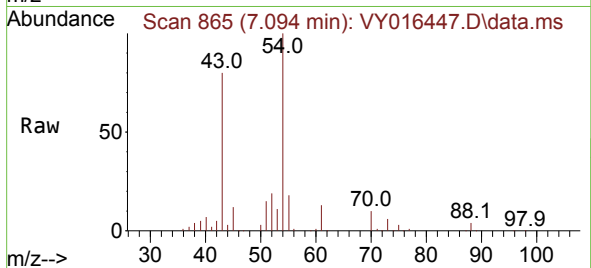
Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	78374
Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.1	15.1#
70	12.6	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 106.888 ug/l

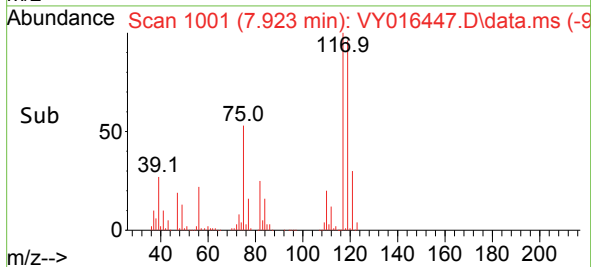
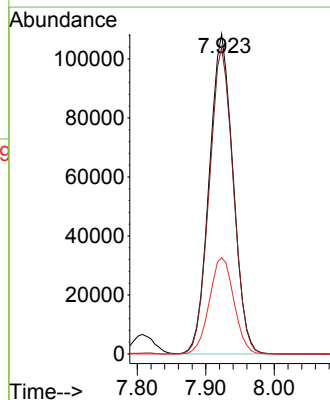
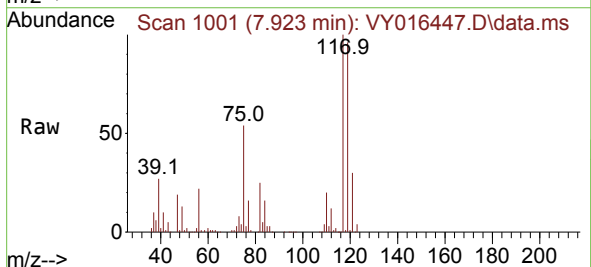
RT: 7.923 min Scan# 1001

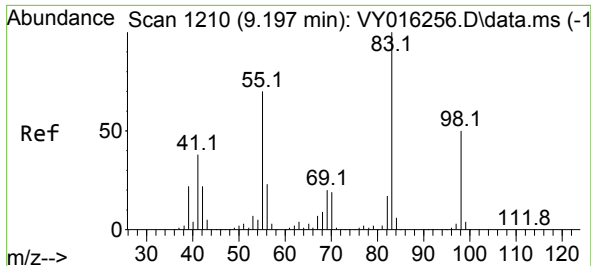
Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Tgt Ion:	117	Resp:	261870
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.4	114.6
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 98.857 ug/l

RT: 9.203 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

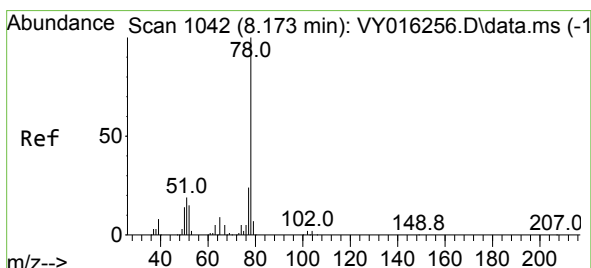
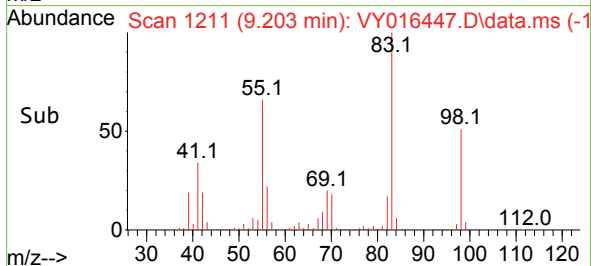
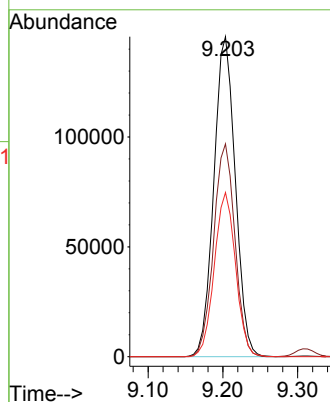
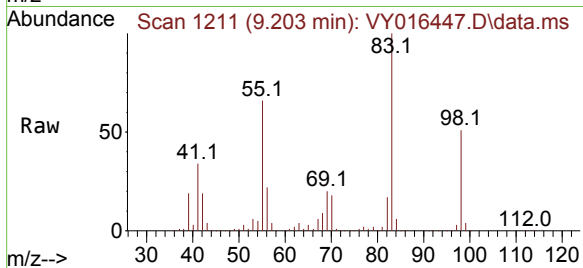
Tgt Ion: 83 Resp: 290779

Ion Ratio Lower Upper

83 100

55 66.5 63.0 94.4

98 51.3 37.4 56.2



#40

Benzene

Concen: 103.859 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016447.D

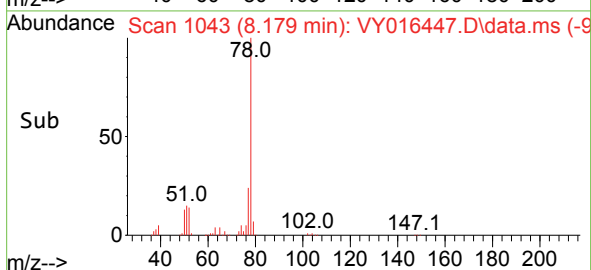
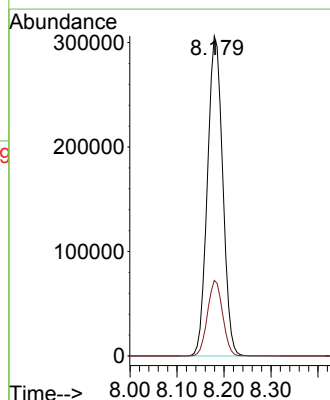
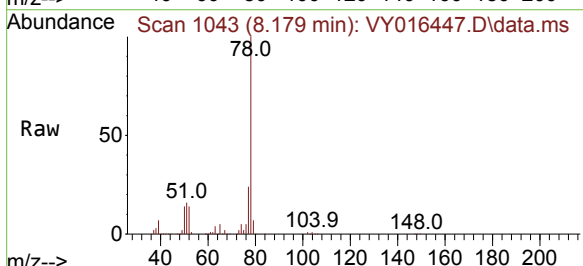
Acq: 21 Nov 2023 18:54

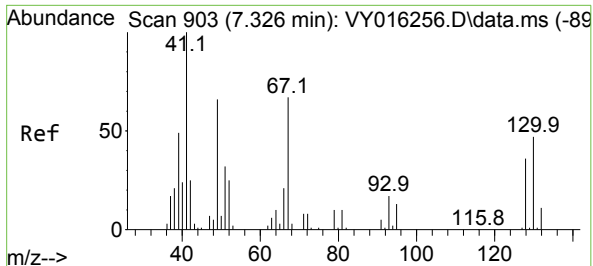
Tgt Ion: 78 Resp: 688805

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

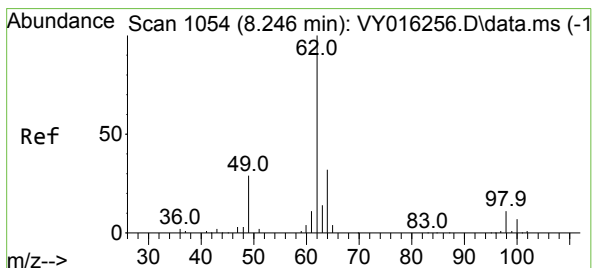
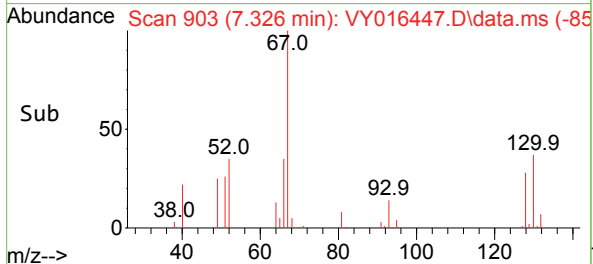
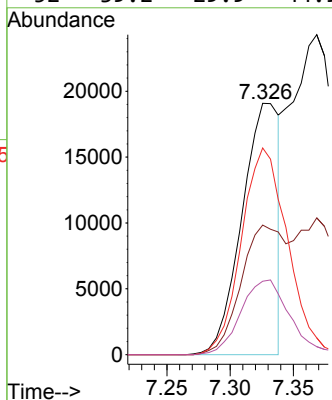
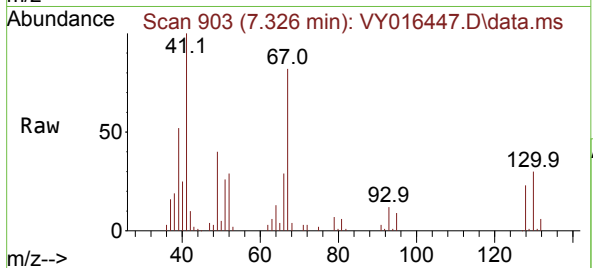




#41
Methacrylonitrile
Concen: 81.297 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

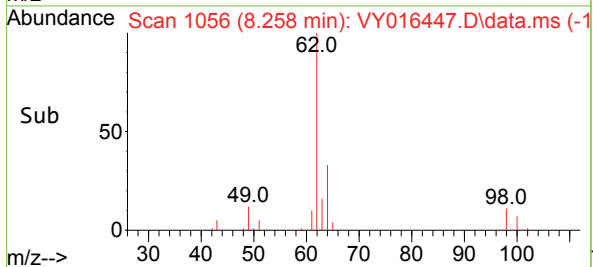
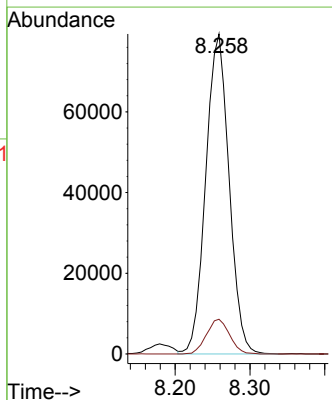
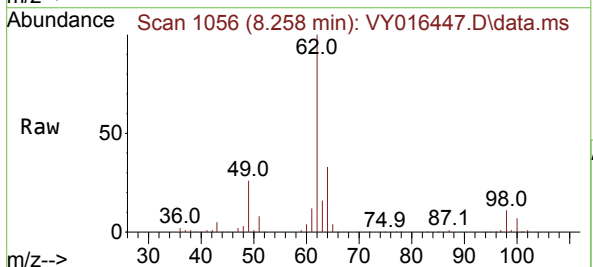
Instrument :
MSVOA_Y
ClientSampleId :

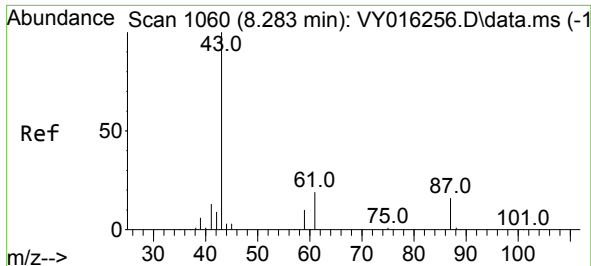
Tgt Ion:	41	Resp:	39097
Ion	Ratio	Lower	Upper
41	100		
39	60.2	52.1	78.1
67	102.0	66.2	99.2#
52	39.2	29.9	44.9



#42
1,2-Dichloroethane
Concen: 100.143 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion:	62	Resp:	172087
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	15.8

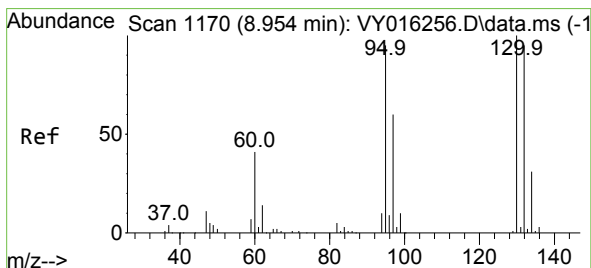
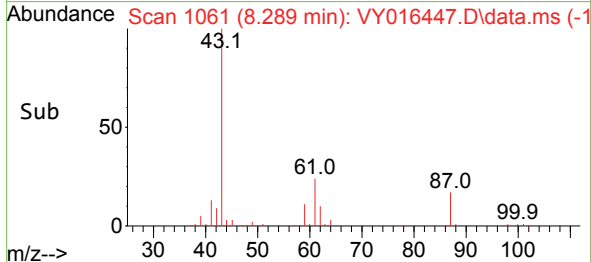
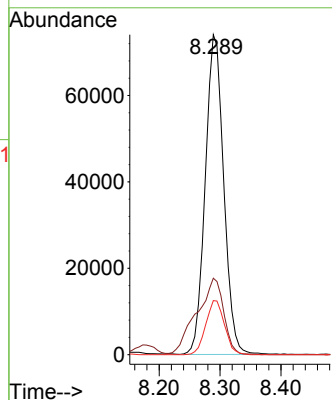
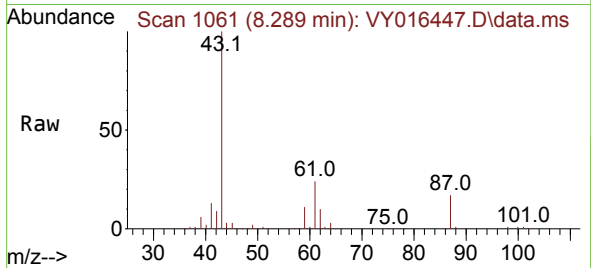




#43
Isopropyl Acetate
Concen: 84.606 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

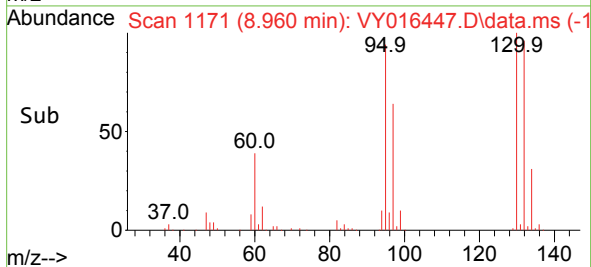
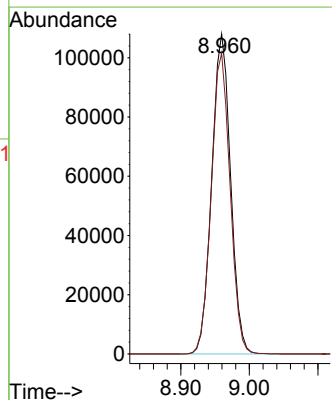
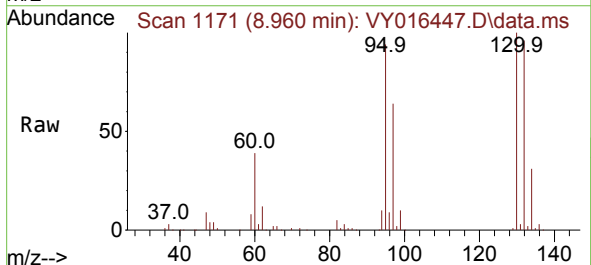
Instrument :
MSVOA_Y
ClientSampleId :

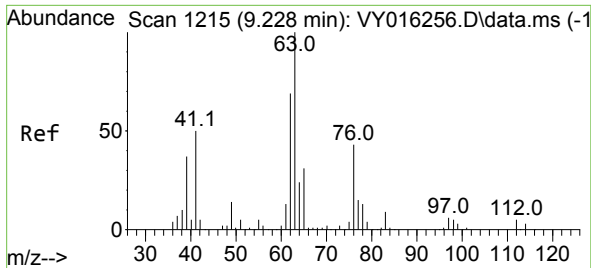
Tgt Ion: 43 Resp: 155985
Ion Ratio Lower Upper
43 100
61 34.9 21.1 31.7#
87 17.2 9.8 14.8#



#44
Trichloroethene
Concen: 108.192 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion:130 Resp: 206220
Ion Ratio Lower Upper
130 100
95 94.0 0.0 196.0

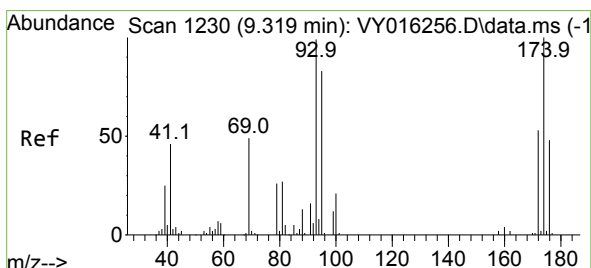
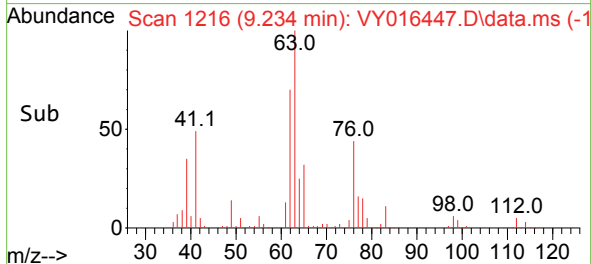
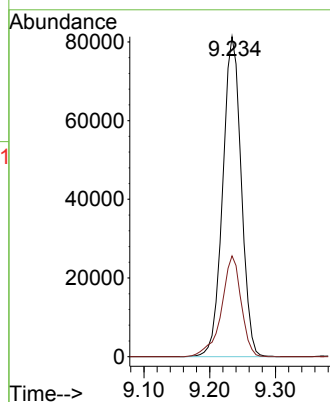
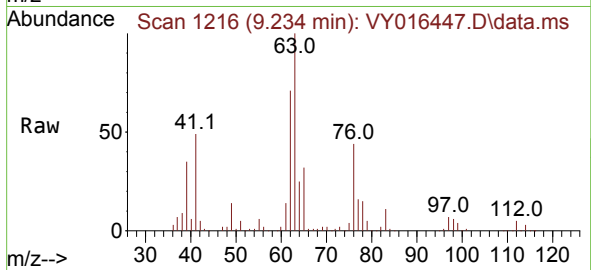




#45
1,2-Dichloropropane
Concen: 99.922 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

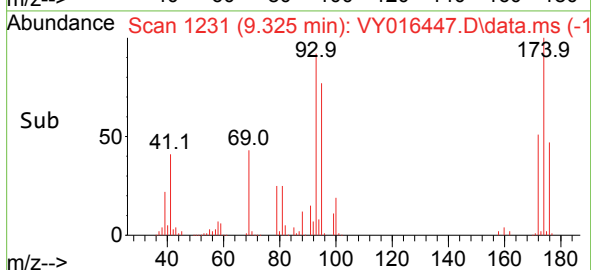
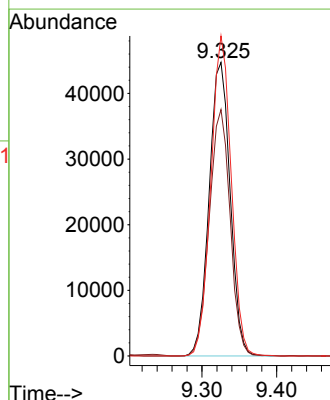
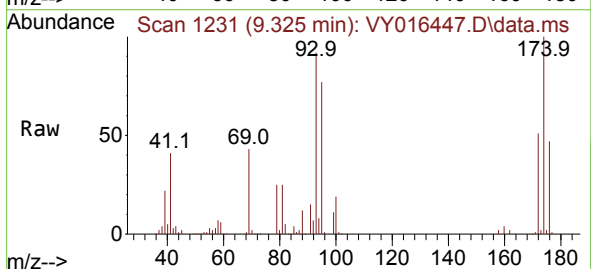
Instrument :
MSVOA_Y
ClientSampleId :

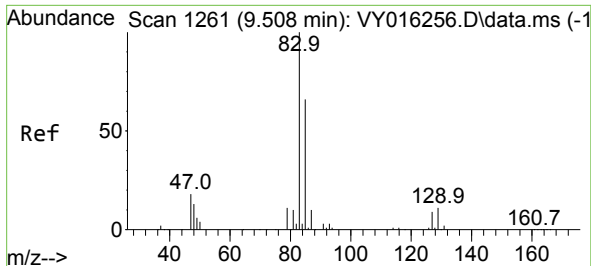
Tgt Ion: 63 Resp: 159153
Ion Ratio Lower Upper
63 100
65 31.5 23.8 35.6



#46
Dibromomethane
Concen: 101.177 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

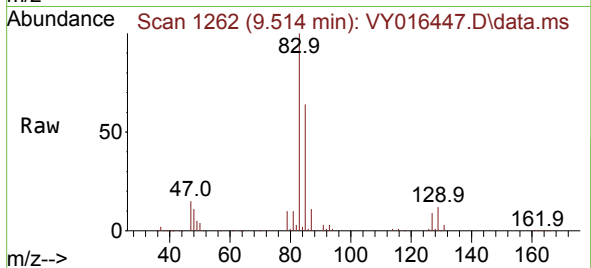
Tgt Ion: 93 Resp: 87328
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 105.7 84.8 127.2



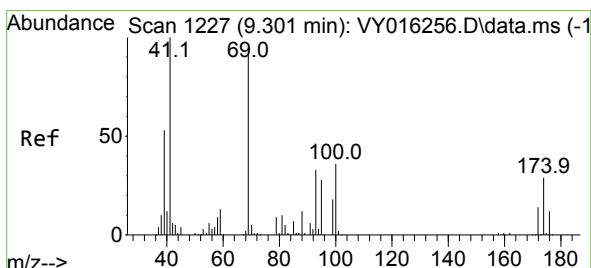
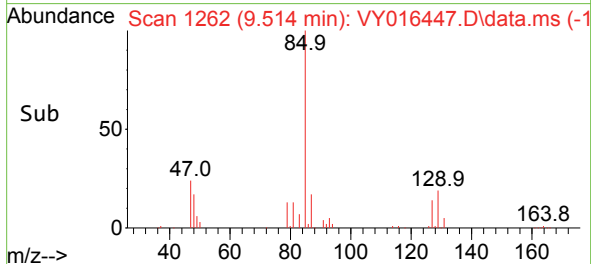
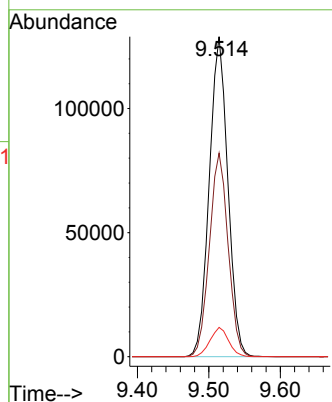


#47
Bromodichloromethane
Concen: 104.686 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :

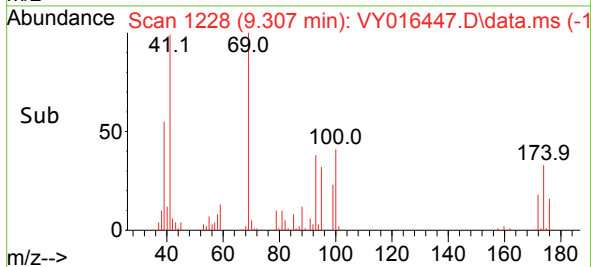
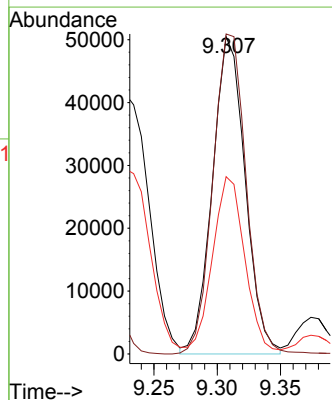
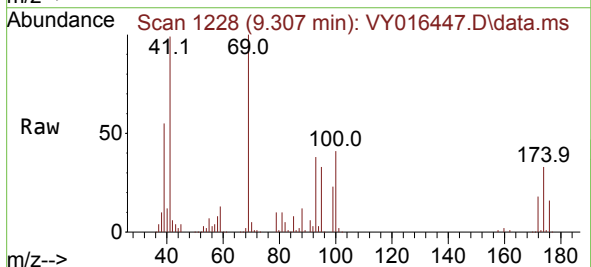


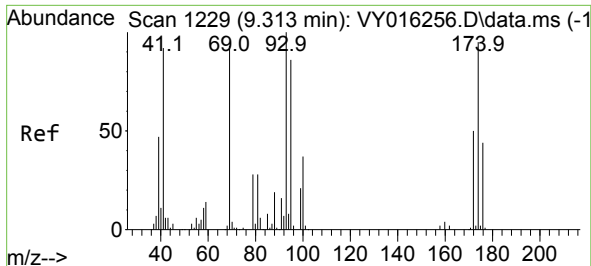
Tgt Ion: 83 Resp: 232299
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 89.302 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

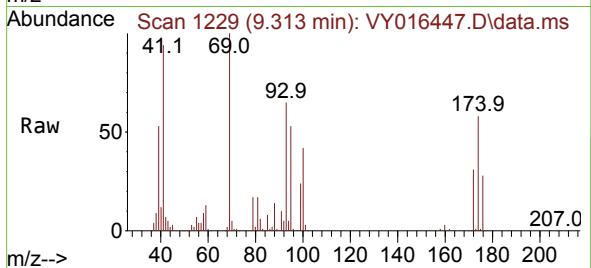
Tgt Ion: 41 Resp: 90993
Ion Ratio Lower Upper
41 100
69 102.4 64.5 96.7#
39 52.3 50.8 76.2



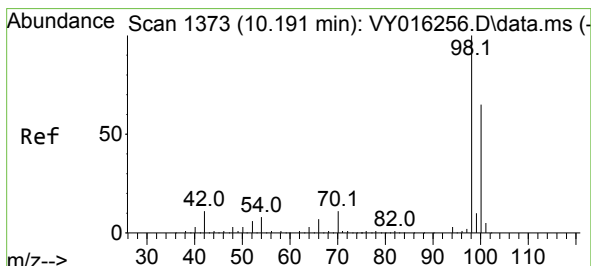
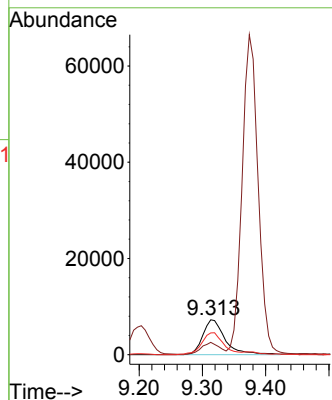
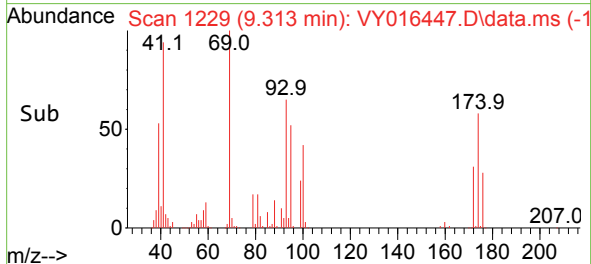


#49
1,4-Dioxane
Concen: 1955.077 ug/l
RT: 9.313 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :

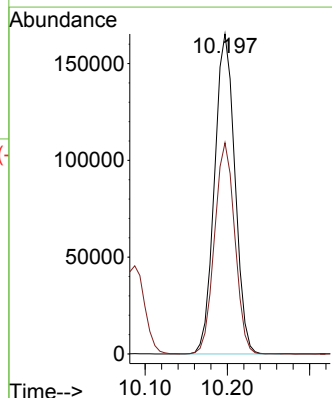
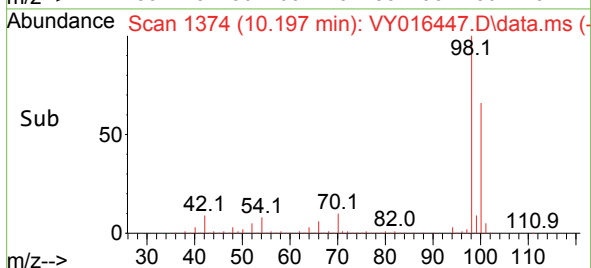
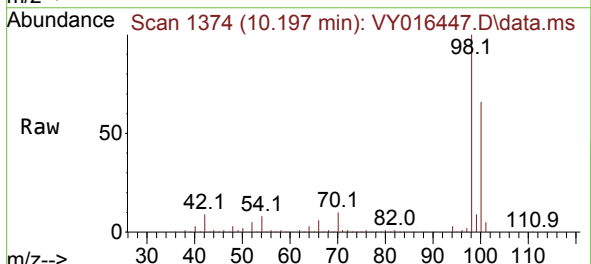


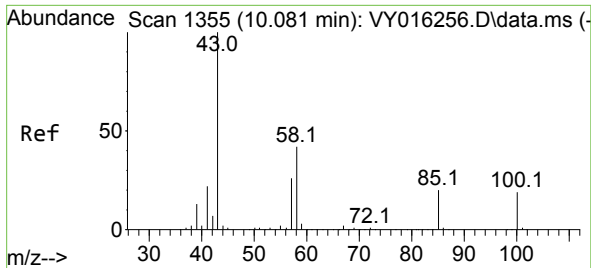
Tgt Ion: 88 Resp: 17915
Ion Ratio Lower Upper
88 100
43 27.9 0.0 0.0#
58 61.2 30.9 46.3#



#50
Toluene-d8
Concen: 51.600 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 98 Resp: 284465
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

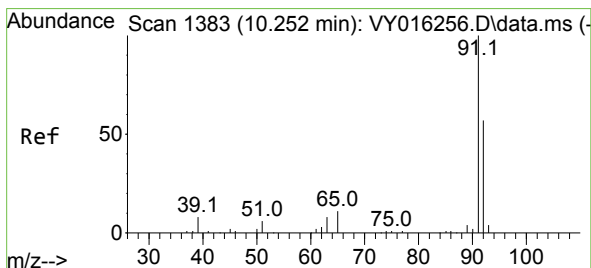
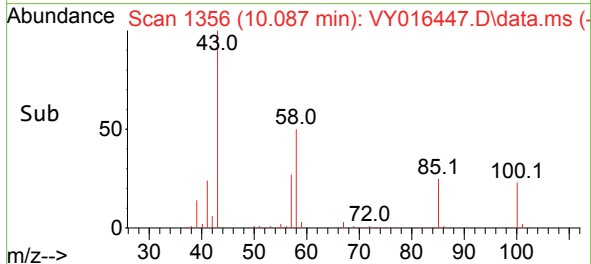
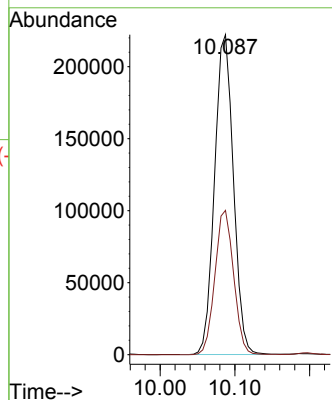
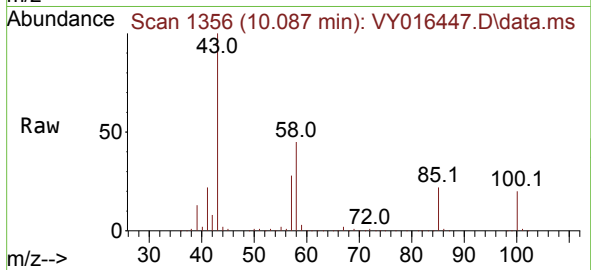




#51
4-Methyl-2-Pentanone
Concen: 417.420 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

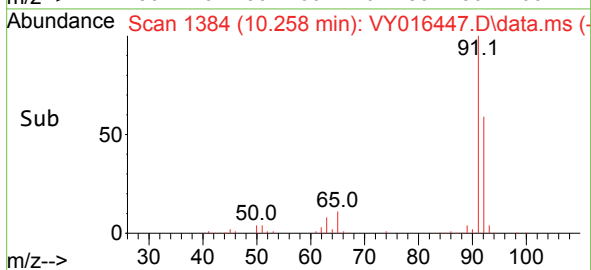
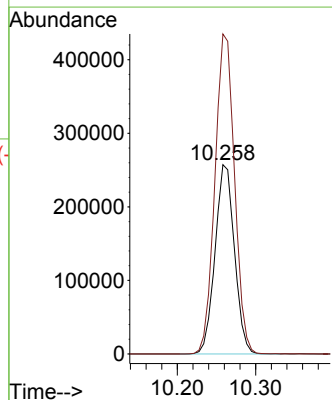
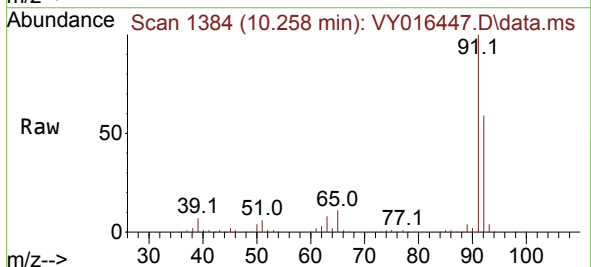
Instrument :
MSVOA_Y
ClientSampleId :

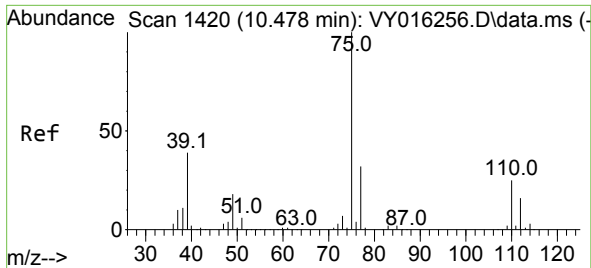
Tgt Ion: 43 Resp: 389159
Ion Ratio Lower Upper
43 100
58 44.9 29.0 43.6#



#52
Toluene
Concen: 105.585 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 92 Resp: 442650
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6

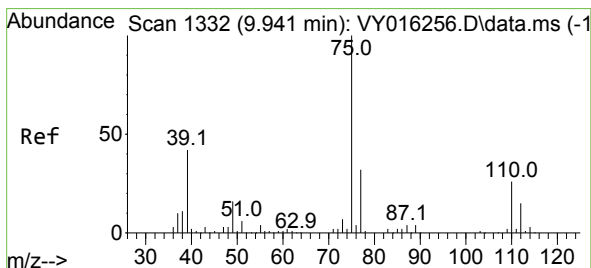
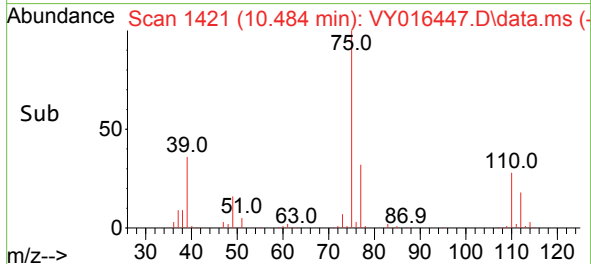
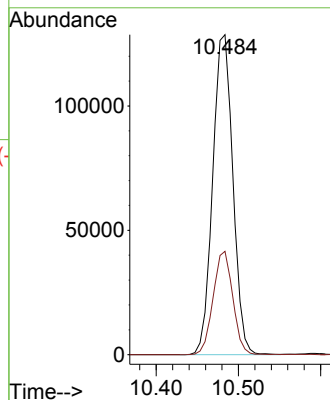
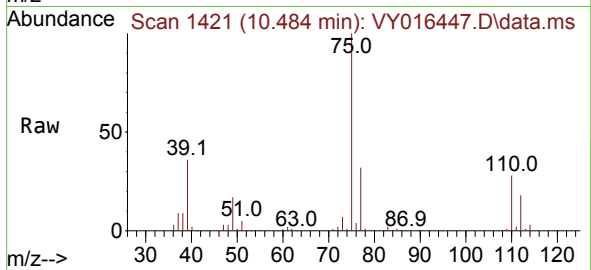




#53
 t-1,3-Dichloropropene
 Concen: 101.874 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016447.D
 Acq: 21 Nov 2023 18:54

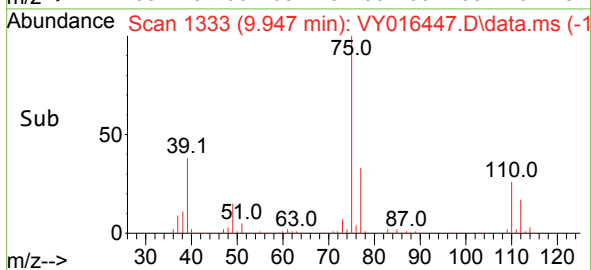
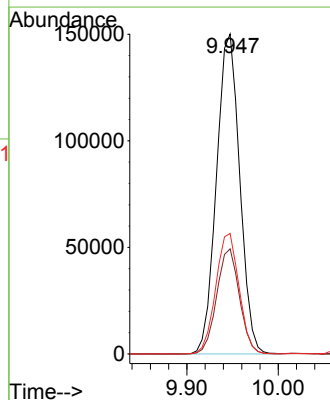
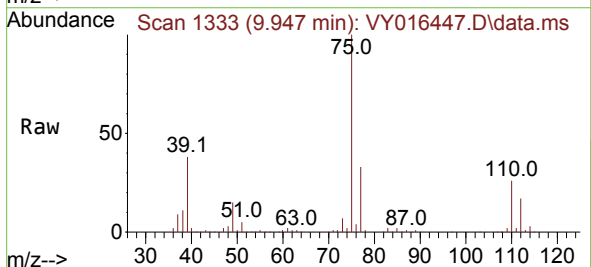
Instrument :
 MSVOA_Y
 ClientSampleId :

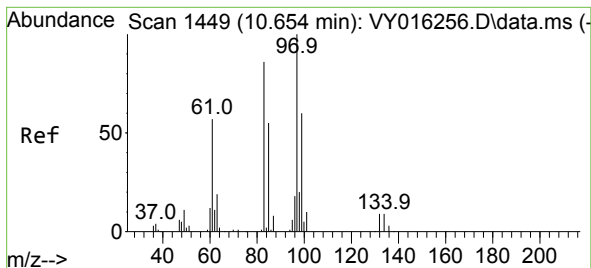
Tgt Ion: 75 Resp: 219146
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 103.281 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016447.D
 Acq: 21 Nov 2023 18:54

Tgt Ion: 75 Resp: 265360
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.2 36.4
 39 37.7 42.2 63.4#

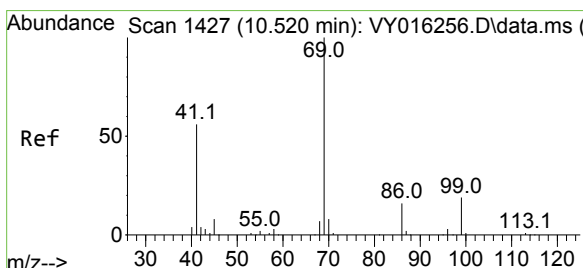
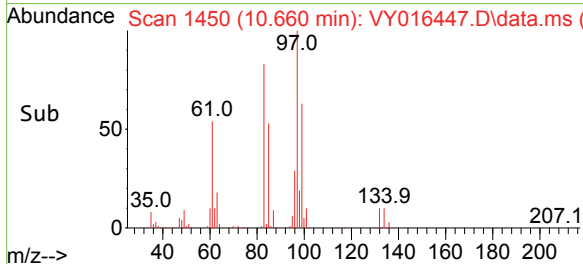
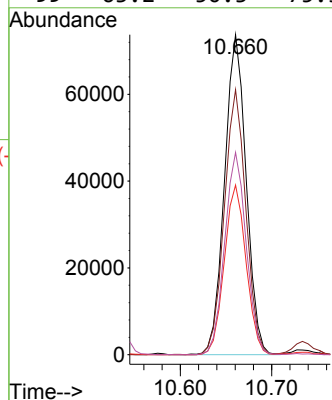
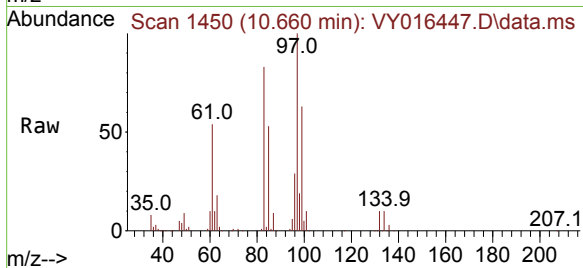




#55
1,1,2-Trichloroethane
Concen: 102.174 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

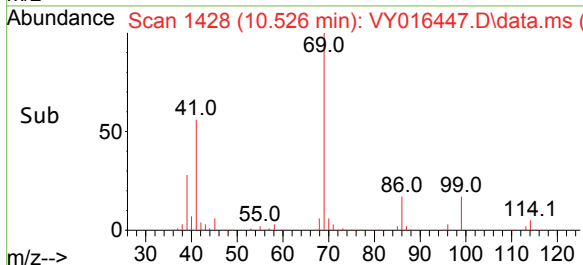
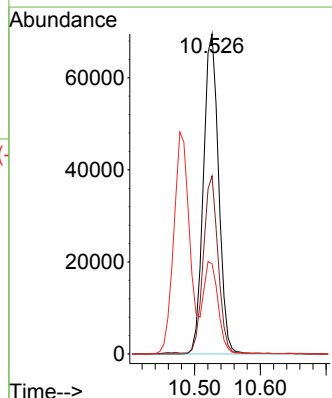
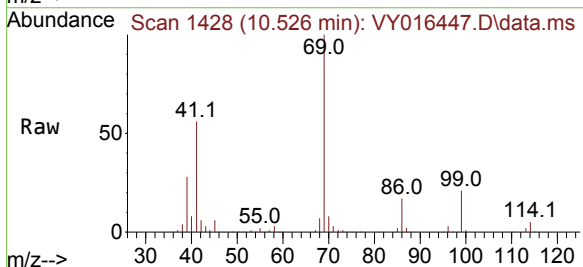
Instrument :
MSVOA_Y
ClientSampleId :

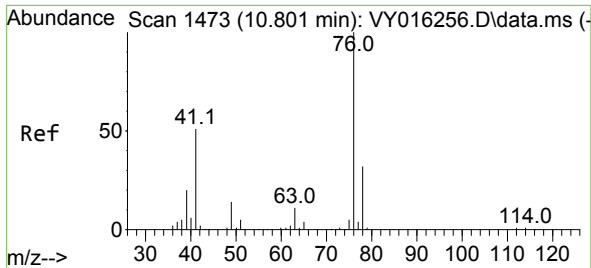
Tgt Ion:	97	Resp:	121551
Ion	Ratio	Lower	Upper
97	100		
83	82.7	72.0	108.0
85	53.0	45.4	68.0
99	63.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 99.674 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion:	69	Resp:	111933
Ion	Ratio	Lower	Upper
69	100		
41	54.0	57.6	86.4#
39	26.4	34.1	51.1#

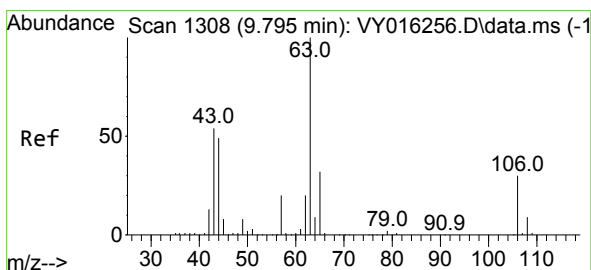
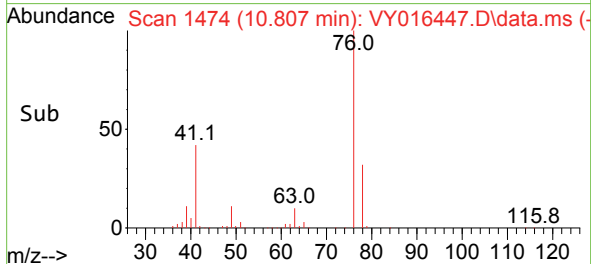
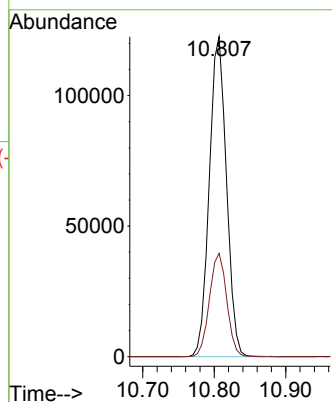
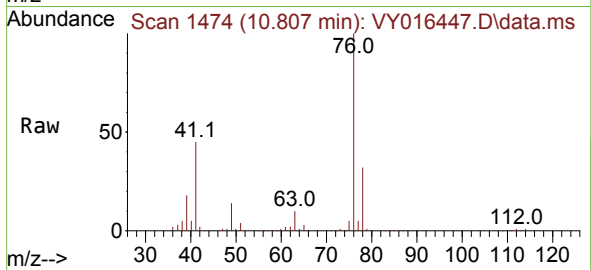




#57
1,3-Dichloropropane
Concen: 100.673 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

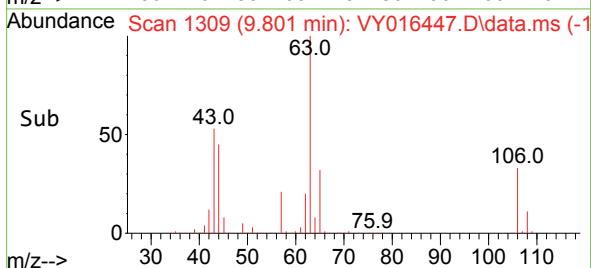
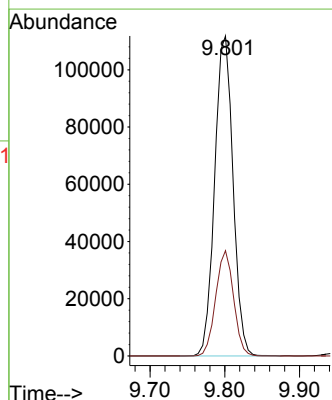
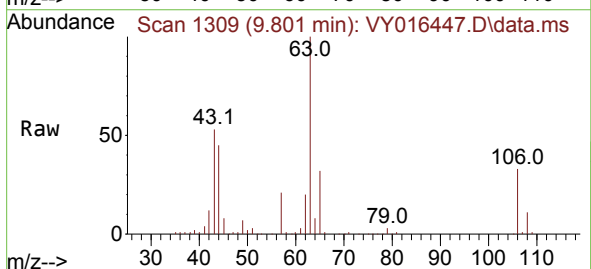
Instrument :
MSVOA_Y
ClientSampleId :

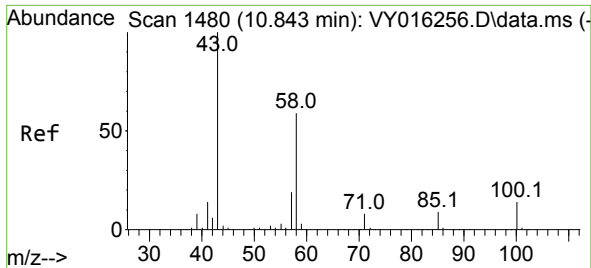
Tgt Ion: 76 Resp: 204150
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 250.459 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 63 Resp: 190716
Ion Ratio Lower Upper
63 100
106 32.1 21.2 31.8#

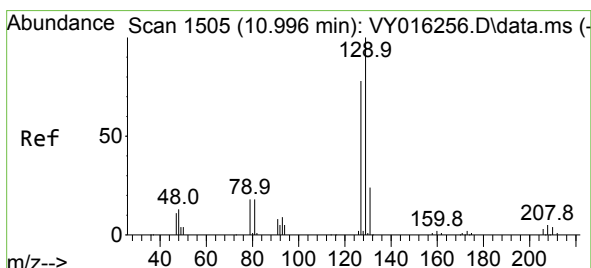
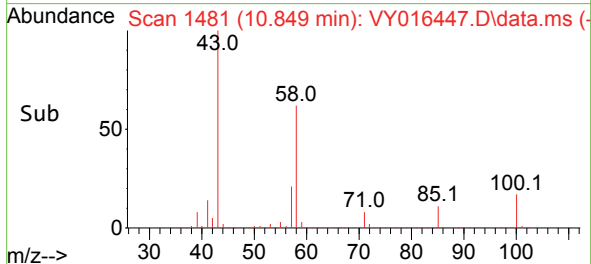
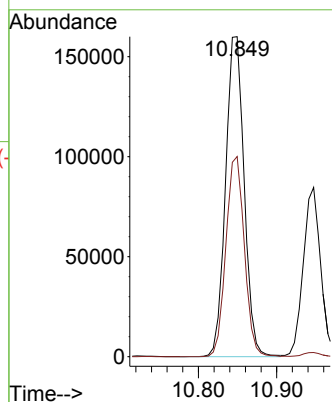
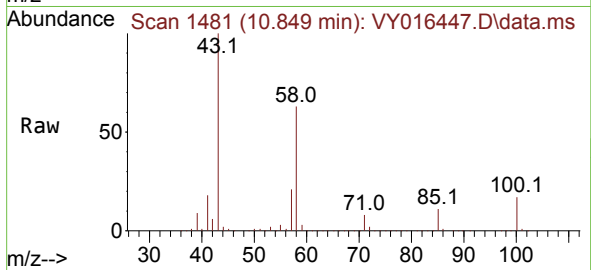




#59
2-Hexanone
Concen: 381.012 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

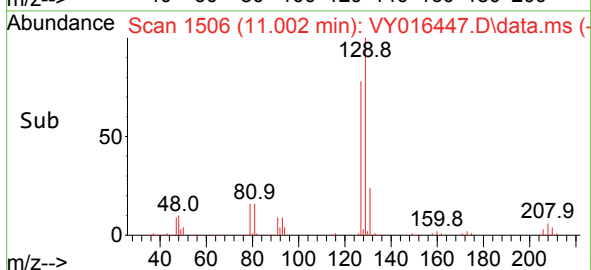
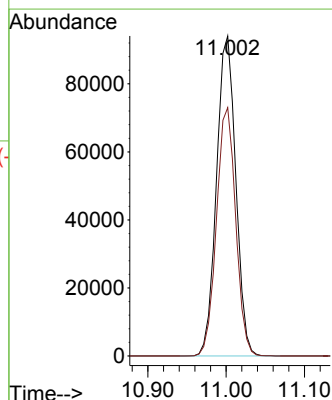
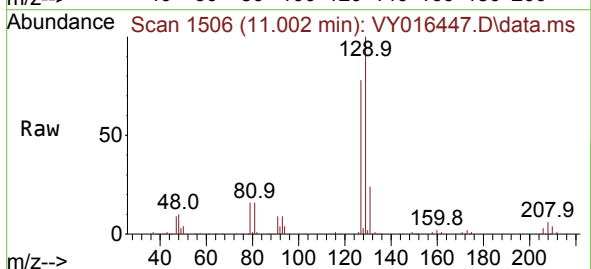
Instrument :
MSVOA_Y
ClientSampleId :

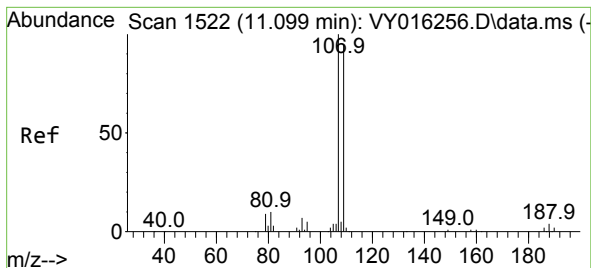
Tgt Ion: 43 Resp: 264218
Ion Ratio Lower Upper
43 100
58 62.1 25.1 75.3



#60
Dibromochloromethane
Concen: 108.113 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 129 Resp: 160854
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 102.661 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

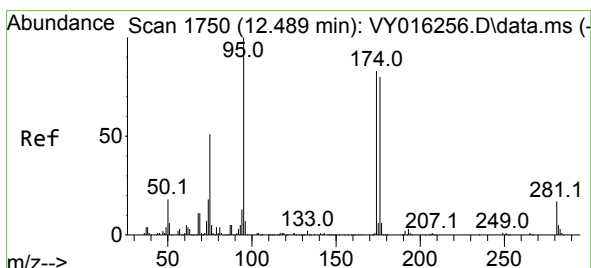
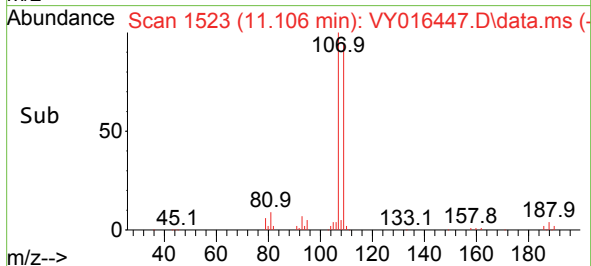
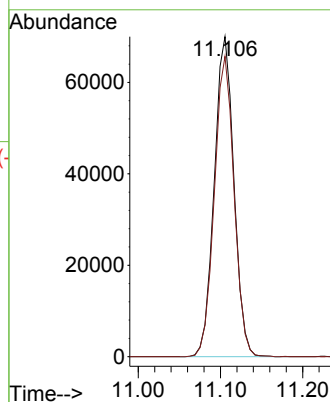
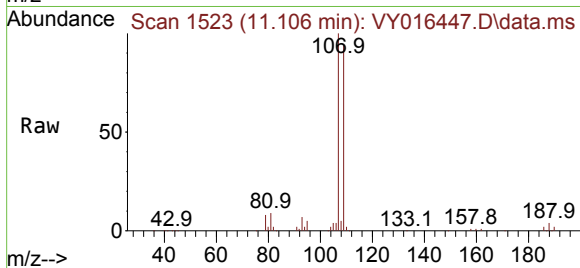
ClientSampleId :

Tgt Ion:107 Resp: 116354

Ion Ratio Lower Upper

107 100

109 94.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.547 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

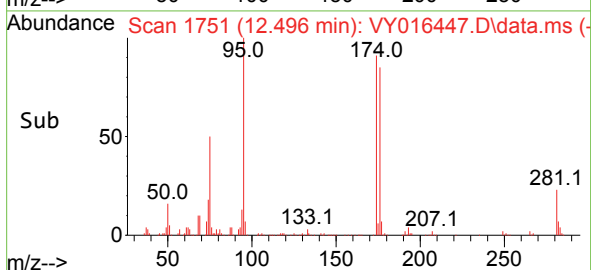
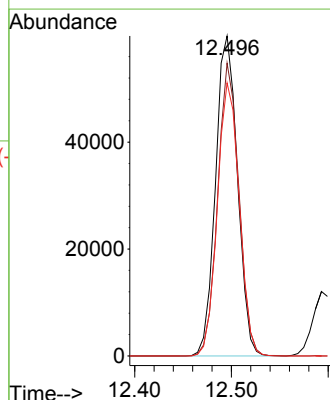
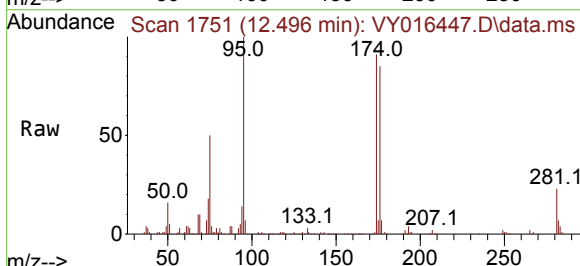
Tgt Ion: 95 Resp: 94086

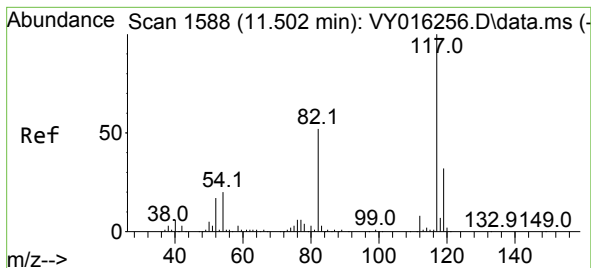
Ion Ratio Lower Upper

95 100

174 88.6 0.0 178.2

176 85.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

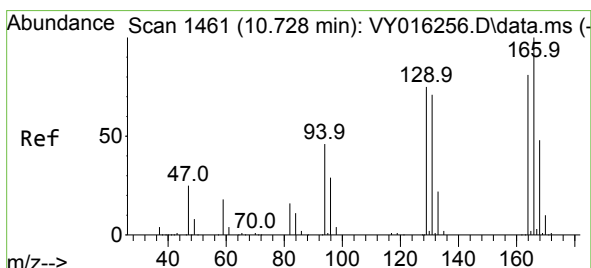
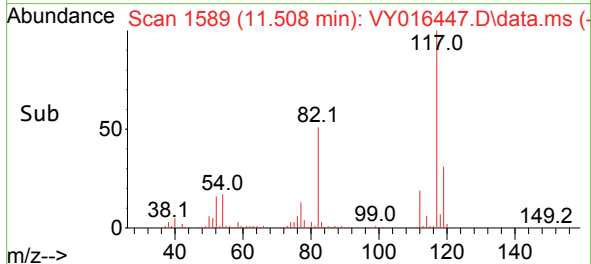
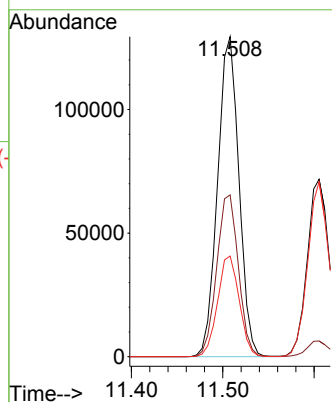
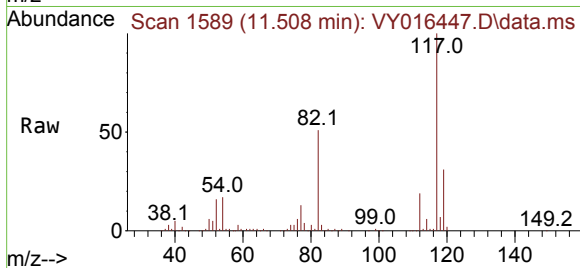
Tgt Ion:117 Resp: 210333

Ion Ratio Lower Upper

117 100

82 50.6 43.4 65.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 109.269 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Tgt Ion:164 Resp: 206364

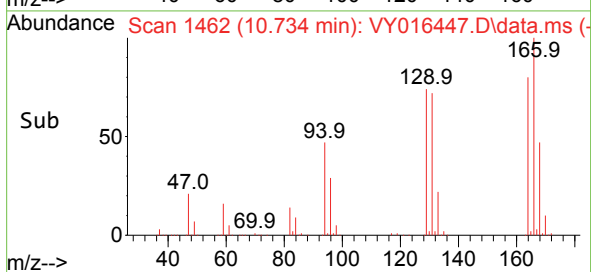
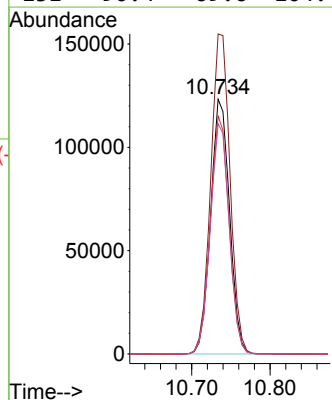
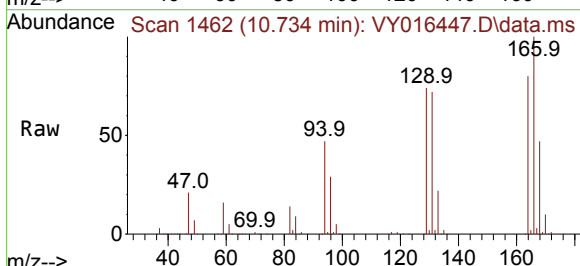
Ion Ratio Lower Upper

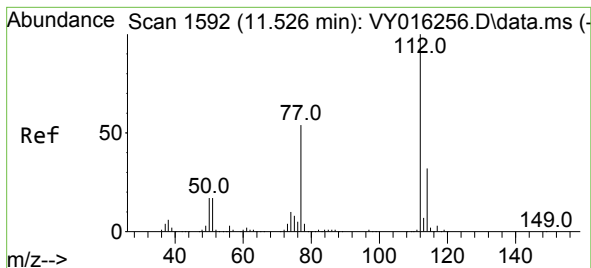
164 100

166 125.6 103.0 154.6

129 93.4 77.2 115.8

131 90.4 69.6 104.4





#65

Chlorobenzene

Concen: 105.767 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

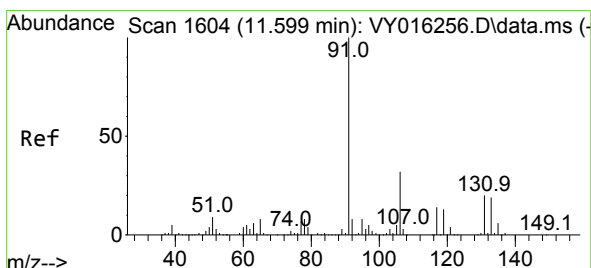
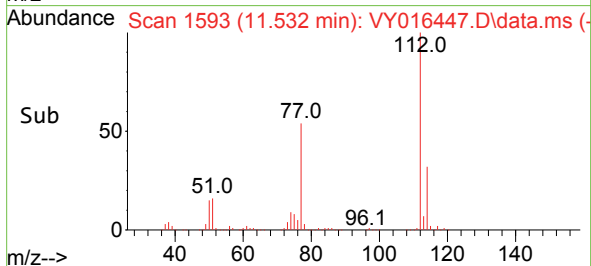
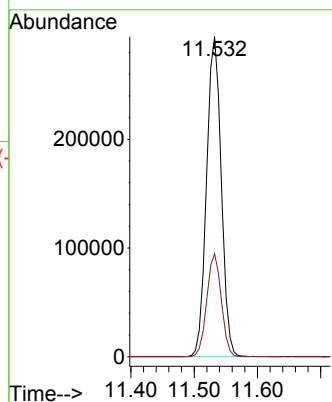
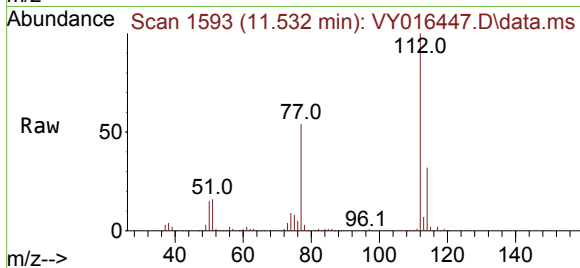
ClientSampleId :

Tgt Ion:112 Resp: 475299

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 107.567 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

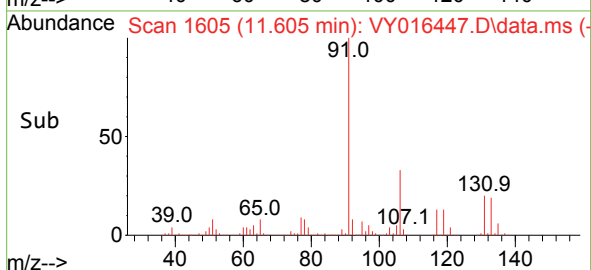
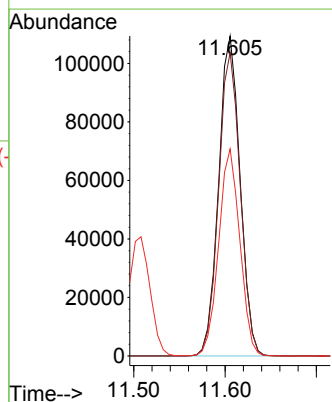
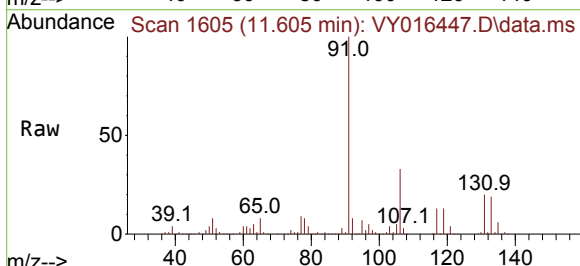
Tgt Ion:131 Resp: 178289

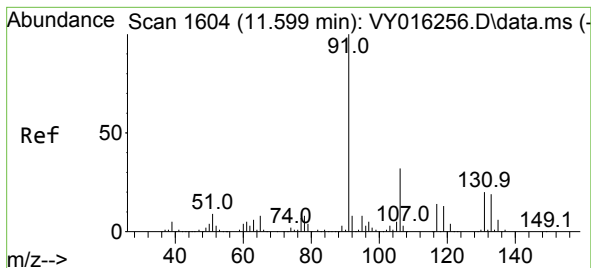
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 64.0 31.6 94.7





#67

Ethyl Benzene

Concen: 104.837 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

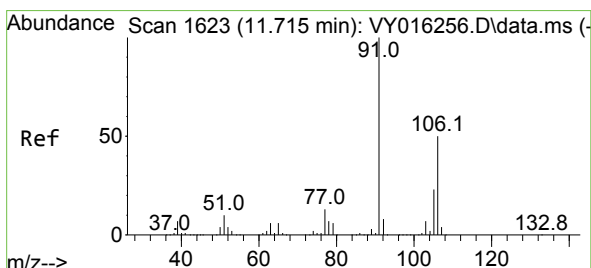
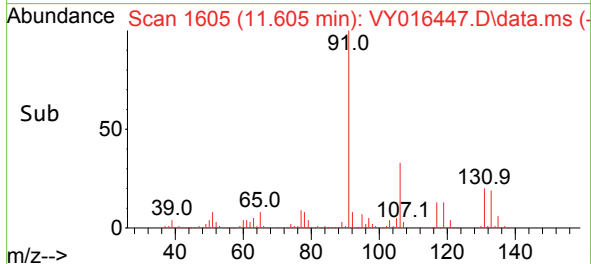
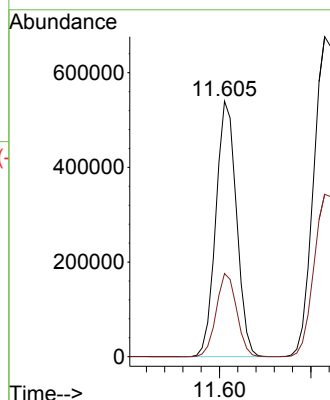
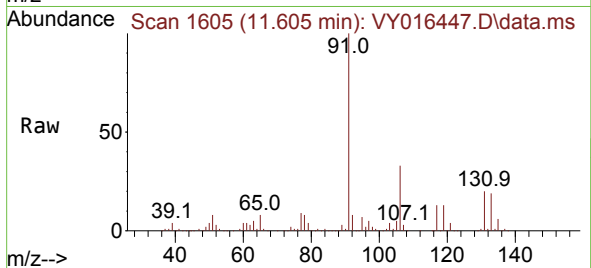
ClientSampleId :

Tgt Ion: 91 Resp: 846673

Ion Ratio Lower Upper

91 100

106 32.6 24.6 36.8



#68

m/p-Xylenes

Concen: 212.754 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016447.D

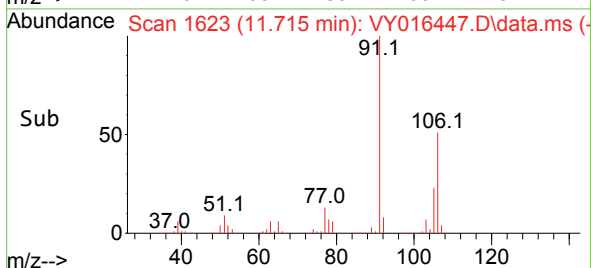
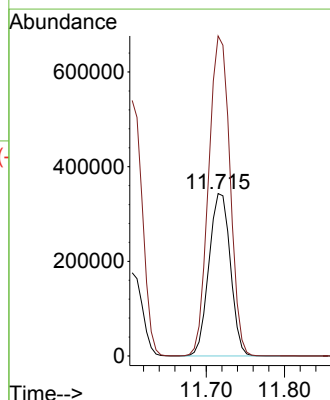
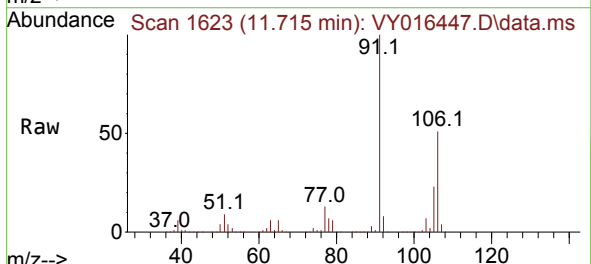
Acq: 21 Nov 2023 18:54

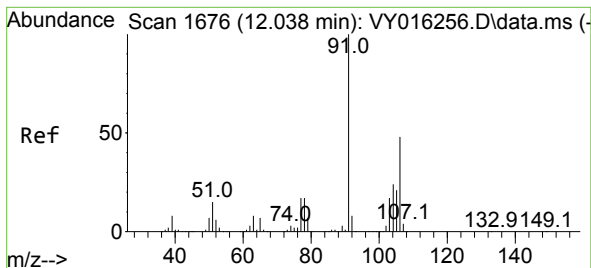
Tgt Ion:106 Resp: 651709

Ion Ratio Lower Upper

106 100

91 196.7 166.1 249.1





#69

o-Xylene

Concen: 107.437 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

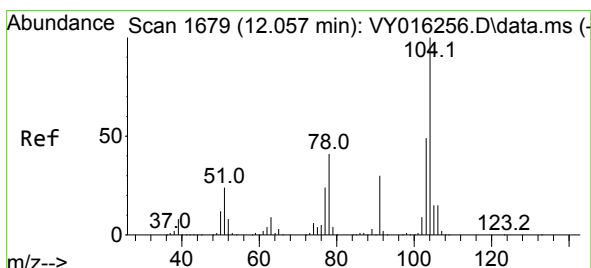
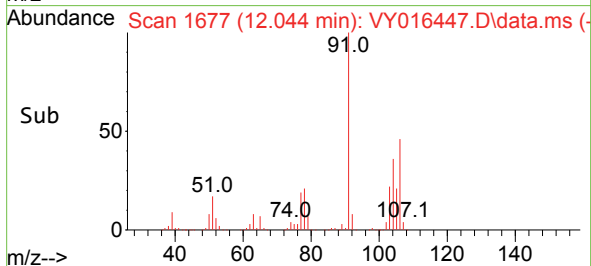
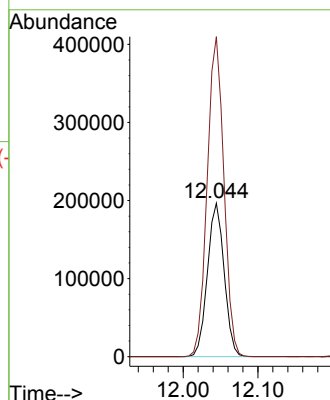
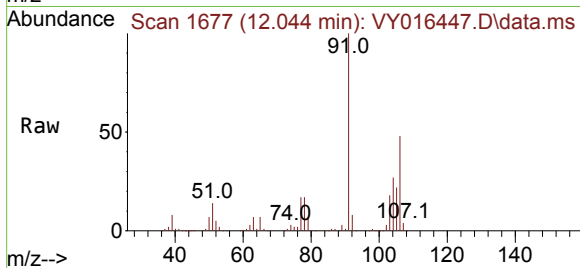
ClientSampleId :

Tgt Ion:106 Resp: 305557

Ion Ratio Lower Upper

106 100

91 208.2 108.1 324.3



#70

Styrene

Concen: 108.427 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

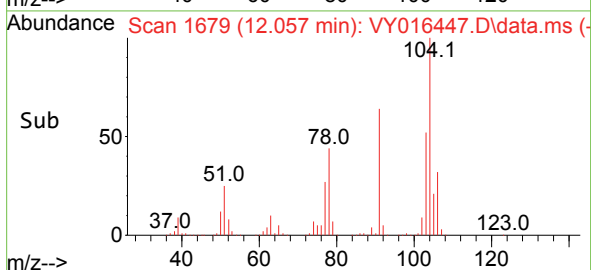
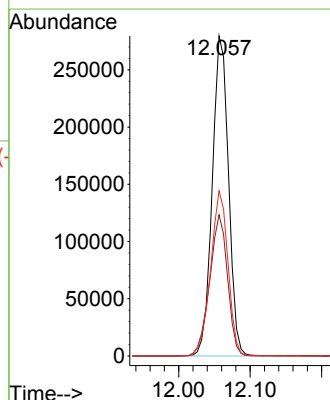
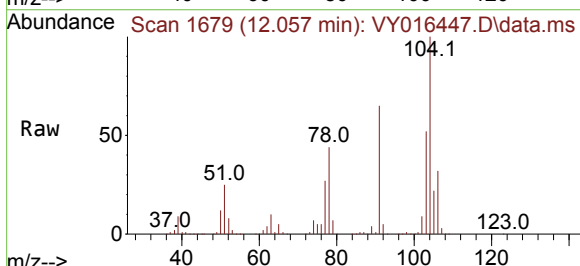
Tgt Ion:104 Resp: 441560

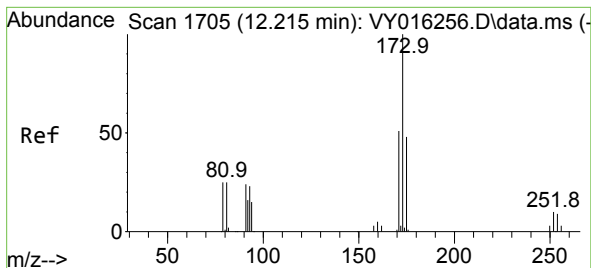
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 55.2 44.6 67.0





#71

Bromoform

Concen: 104.944 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

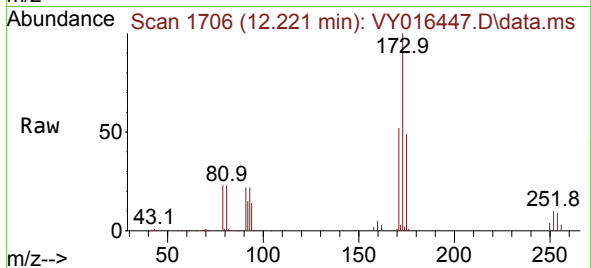
Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :



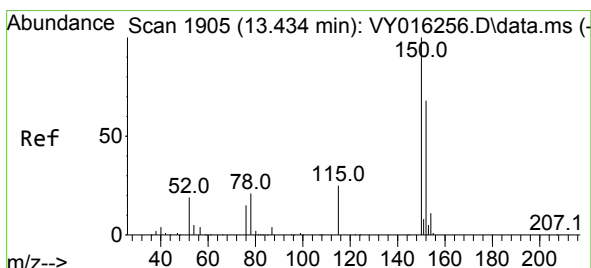
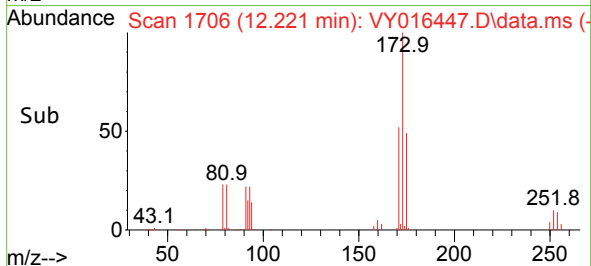
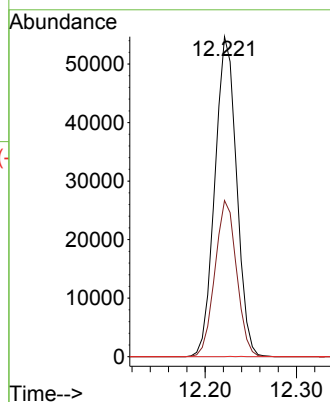
Tgt Ion:173 Resp: 90256

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

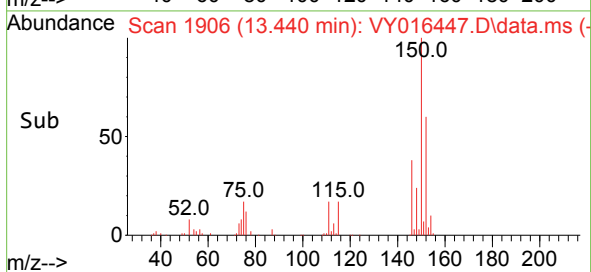
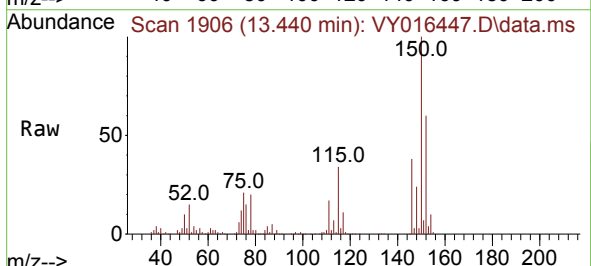
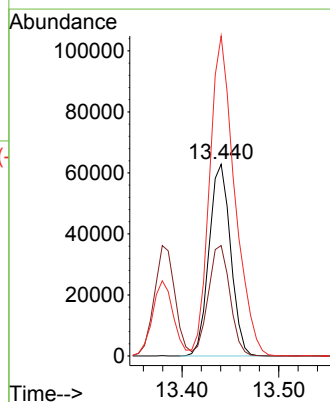
Tgt Ion:152 Resp: 97541

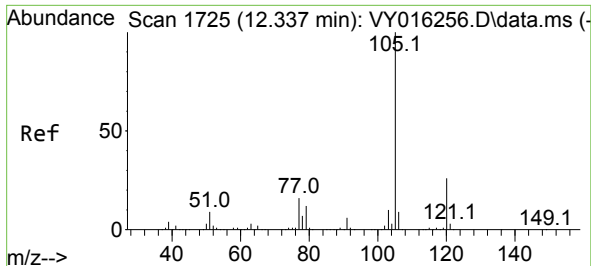
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 194.5 0.0 348.8

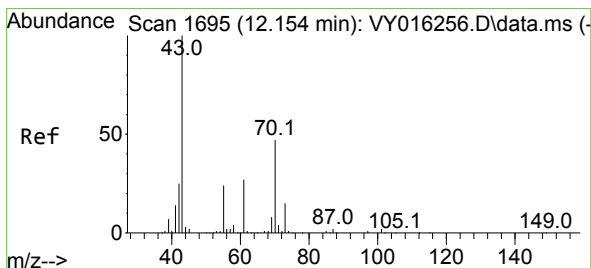
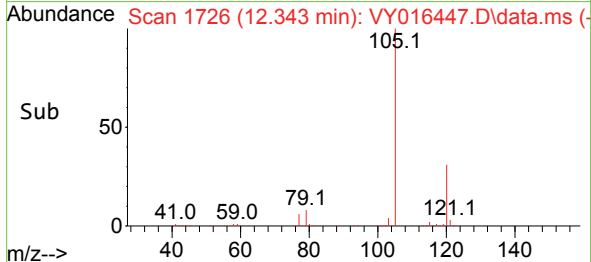
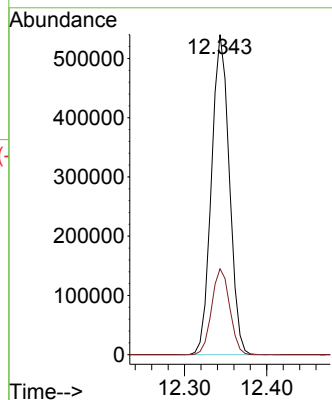
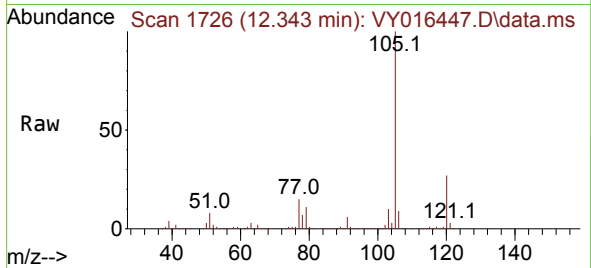




#73
Isopropylbenzene
Concen: 103.280 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

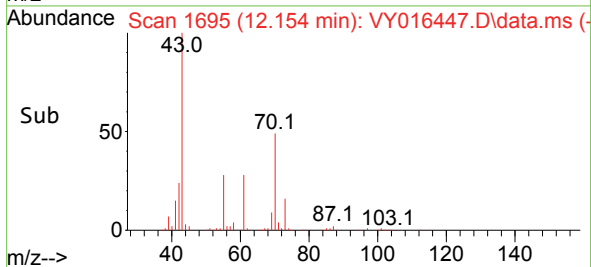
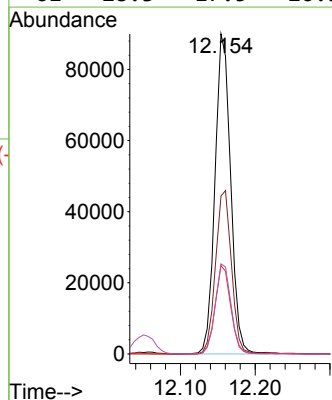
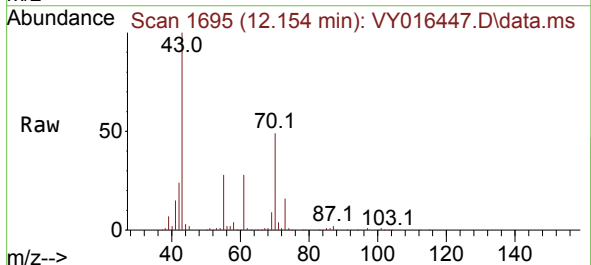
Instrument :
MSVOA_Y
ClientSampleId :

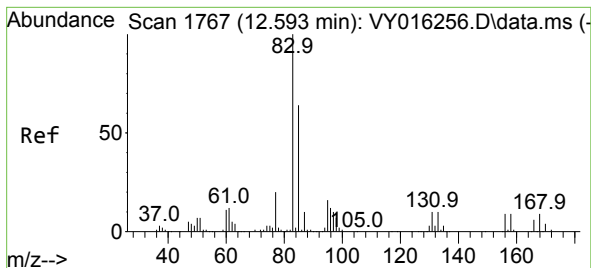
Tgt Ion:105 Resp: 815779
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 82.744 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 43 Resp: 131279
Ion Ratio Lower Upper
43 100
70 51.8 29.7 44.5#
55 27.5 18.3 27.5#
61 28.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 88.657 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

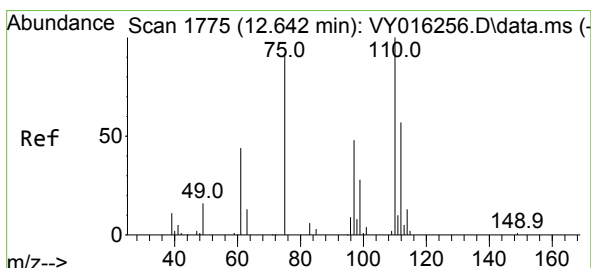
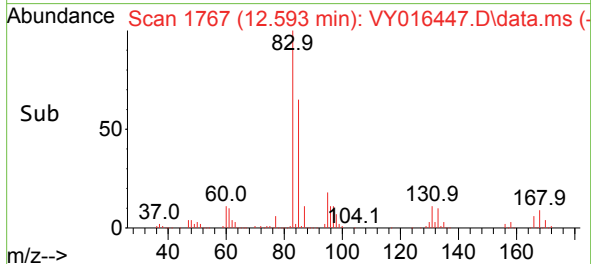
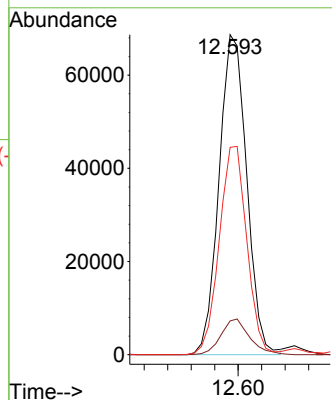
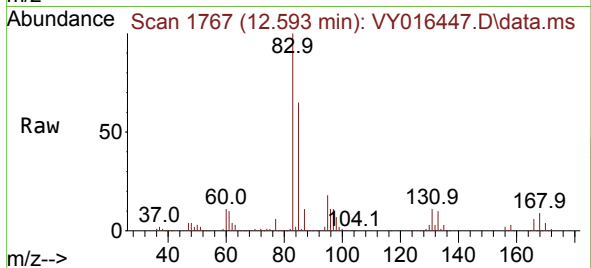
Tgt Ion: 83 Resp: 112368

Ion Ratio Lower Upper

83 100

131 11.6 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 169.064 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016447.D

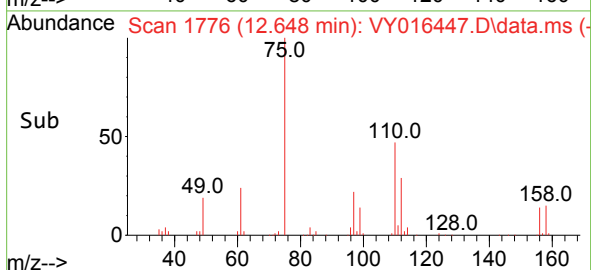
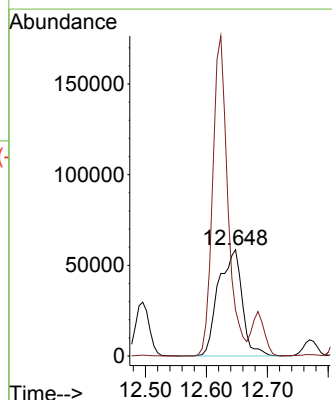
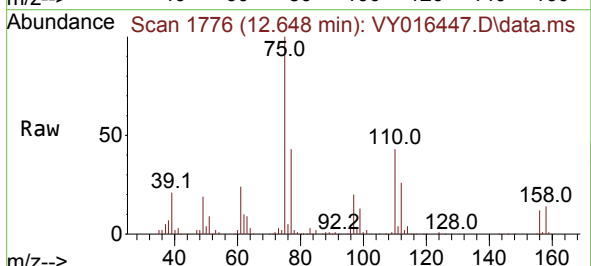
Acq: 21 Nov 2023 18:54

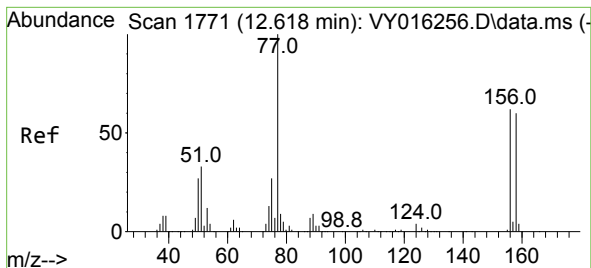
Tgt Ion: 75 Resp: 158193

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 105.439 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

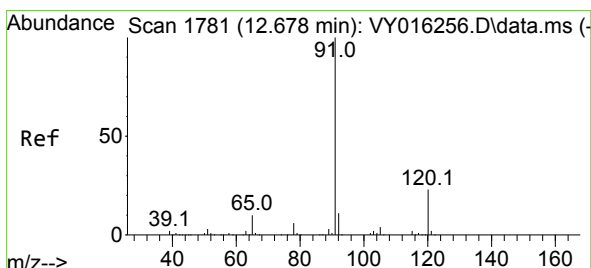
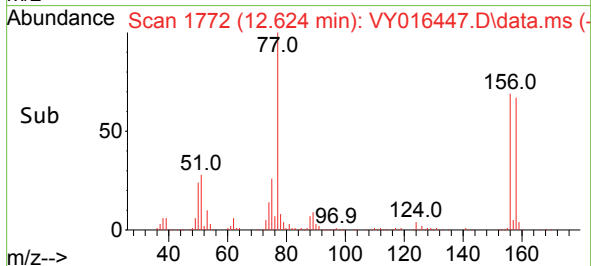
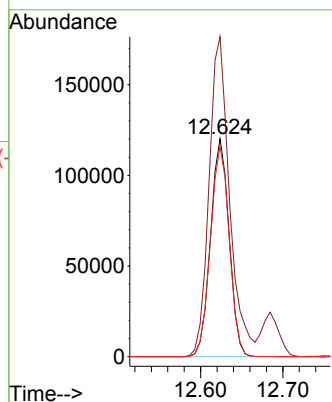
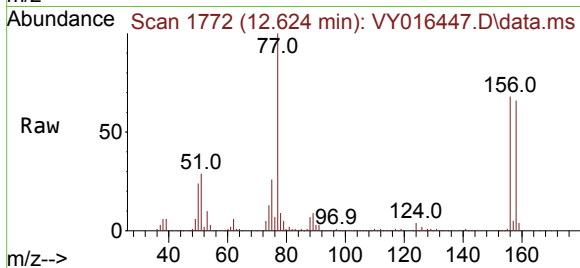
Tgt Ion:156 Resp: 188230

Ion Ratio Lower Upper

156 100

77 162.6 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 100.146 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016447.D

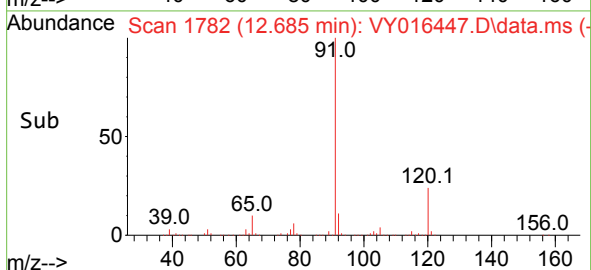
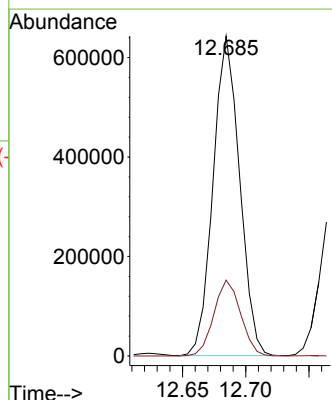
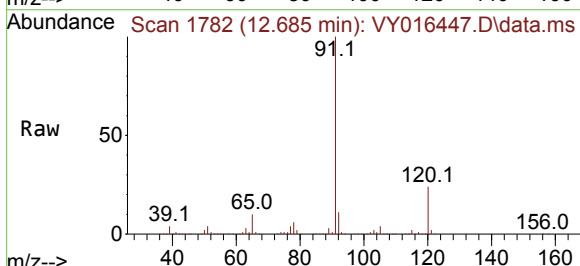
Acq: 21 Nov 2023 18:54

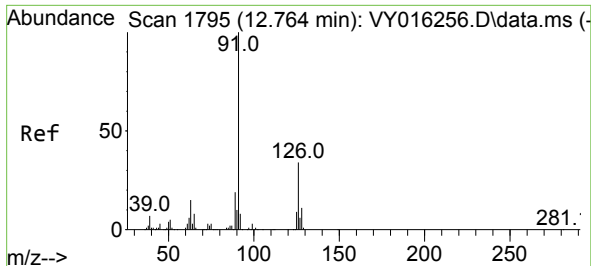
Tgt Ion: 91 Resp: 934819

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

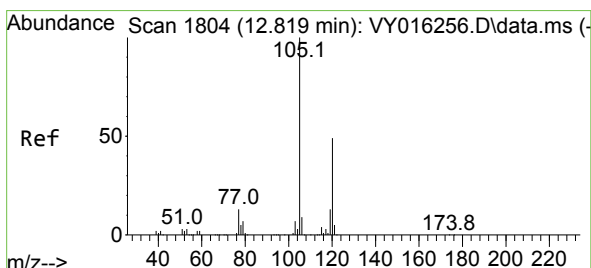
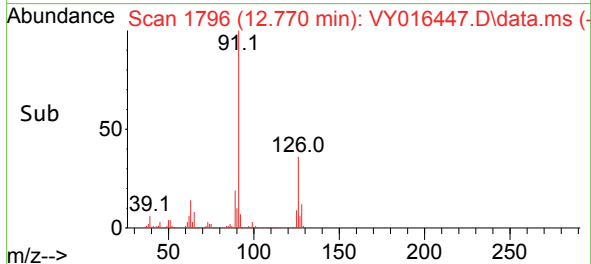
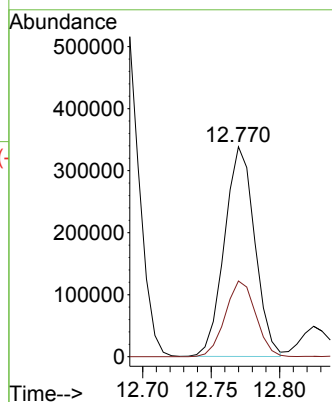
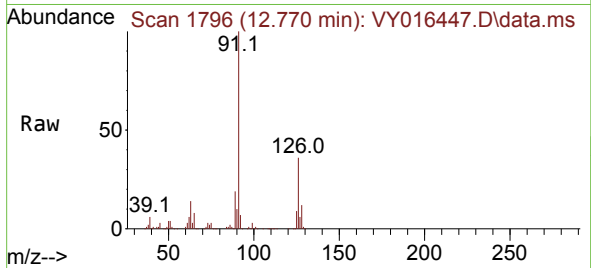




#79
2-Chlorotoluene
Concen: 101.429 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

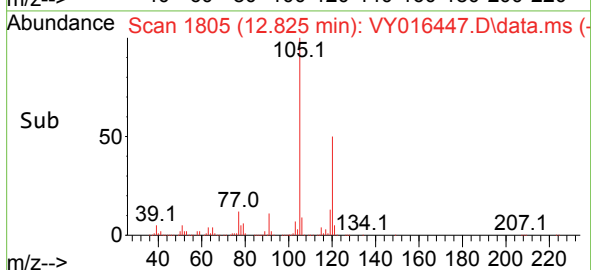
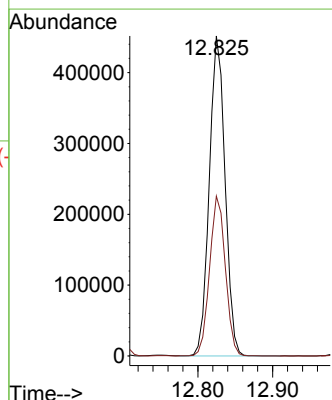
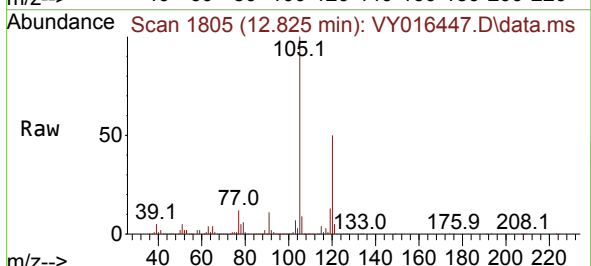
Instrument :
MSVOA_Y
ClientSampleId :

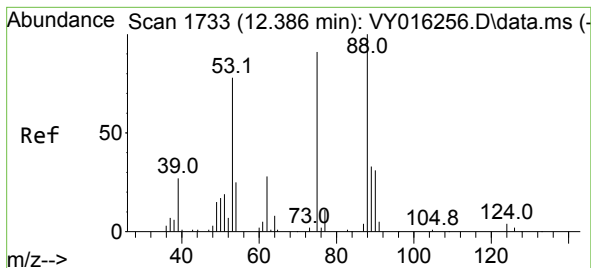
Tgt Ion: 91 Resp: 521775
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 103.806 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion:105 Resp: 661064
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7

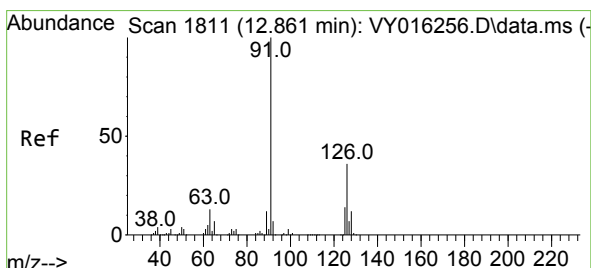
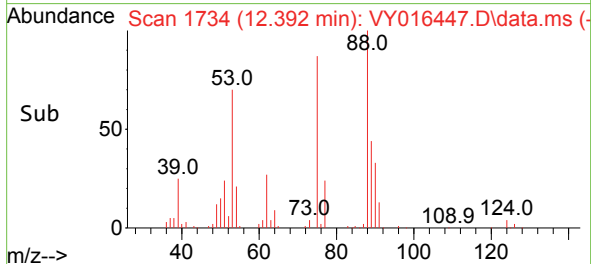
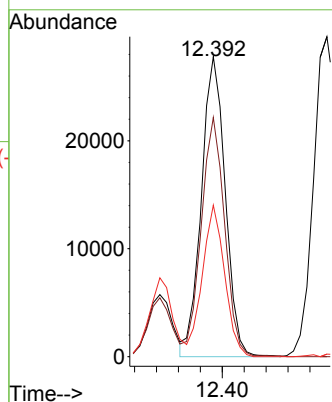
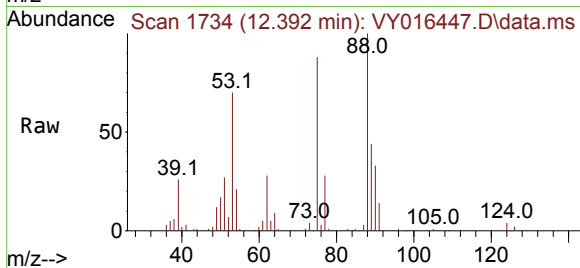




#81
trans-1,4-Dichloro-2-butene
Concen: 97.445 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

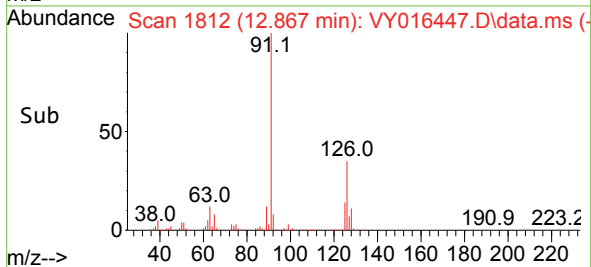
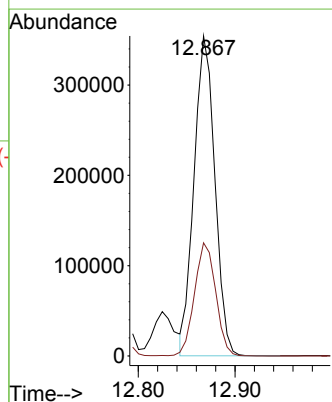
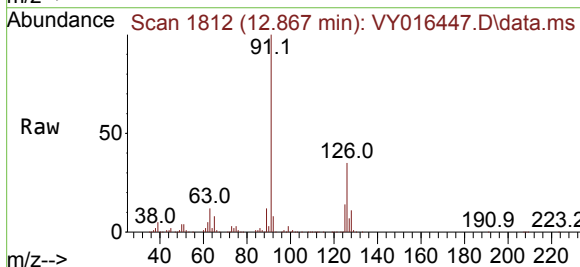
Instrument :
MSVOA_Y
ClientSampleId :

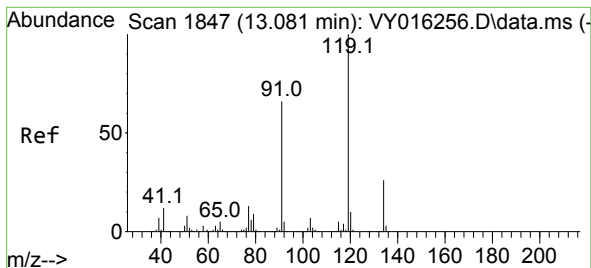
Tgt Ion: 75 Resp: 42007
Ion Ratio Lower Upper
75 100
53 78.7 77.8 116.8
89 47.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 99.868 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016447.D
Acq: 21 Nov 2023 18:54

Tgt Ion: 91 Resp: 530861
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 104.945 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

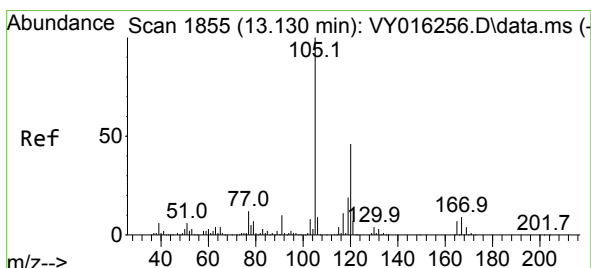
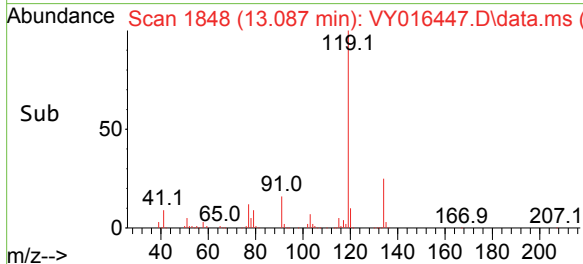
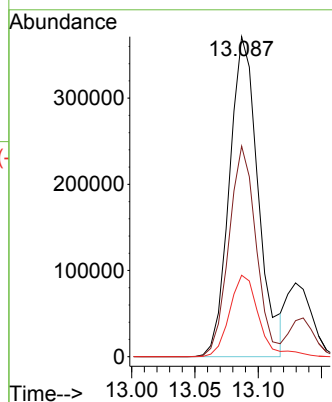
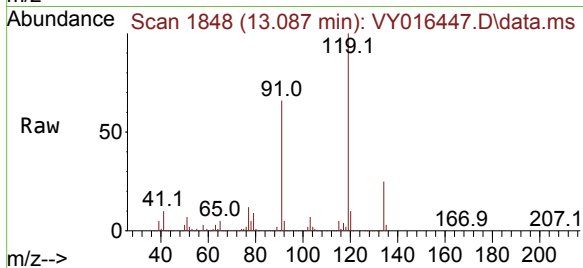
Tgt Ion:119 Resp: 588664

Ion Ratio Lower Upper

119 100

91 62.5 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 103.904 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016447.D

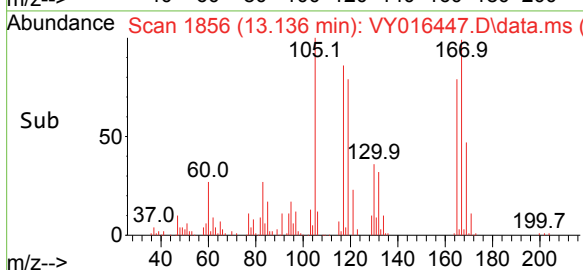
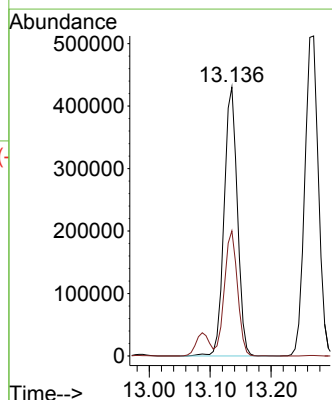
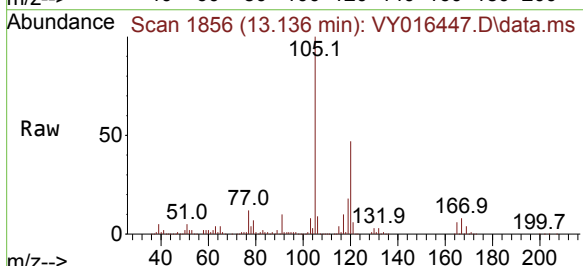
Acq: 21 Nov 2023 18:54

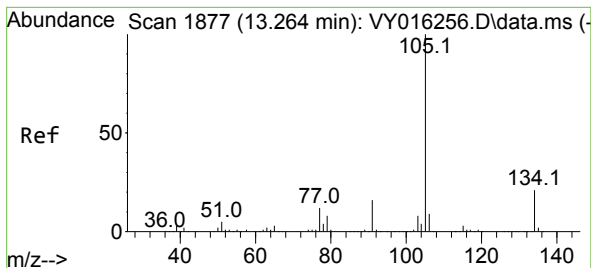
Tgt Ion:105 Resp: 651538

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 99.163 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

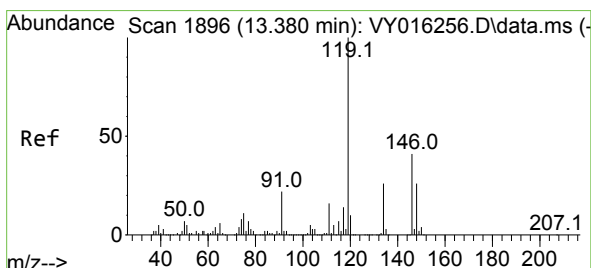
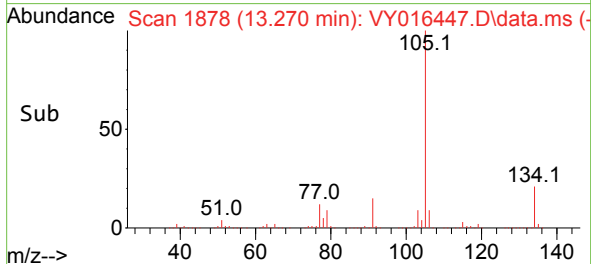
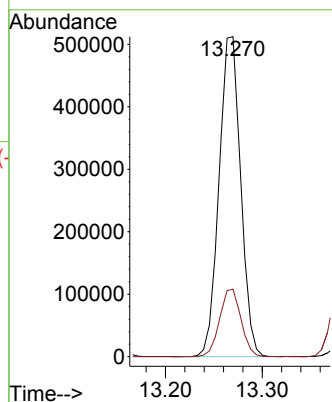
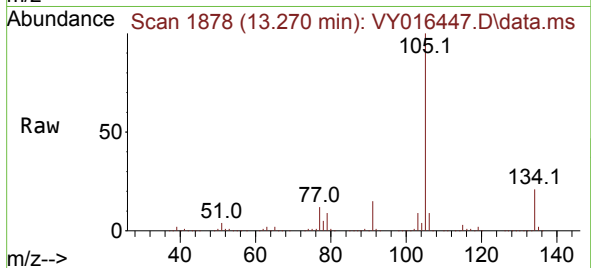
ClientSampleId :

Tgt Ion:105 Resp: 794651

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 102.197 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

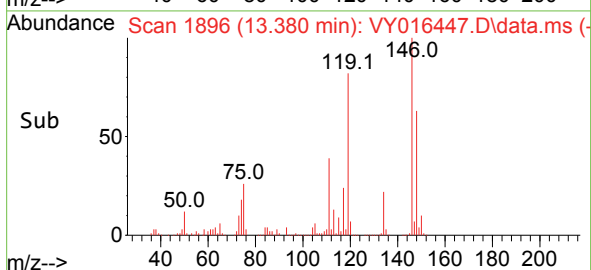
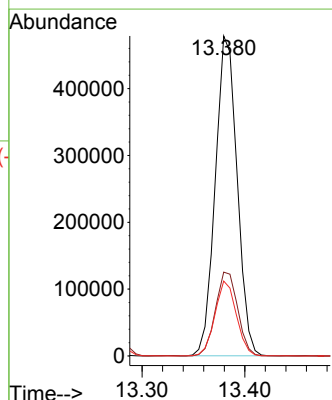
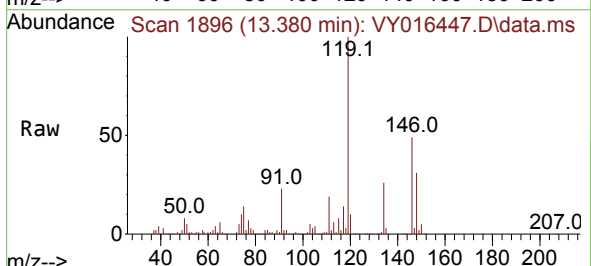
Tgt Ion:119 Resp: 705192

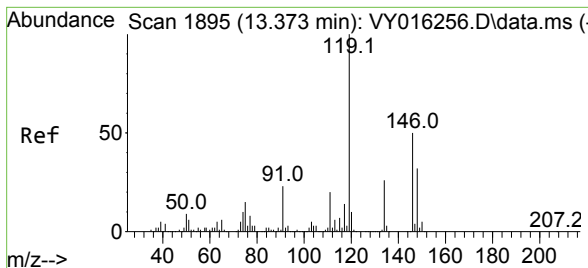
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 104.020 ug/l

RT: 13.380 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

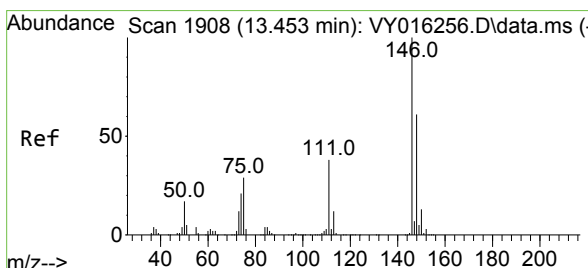
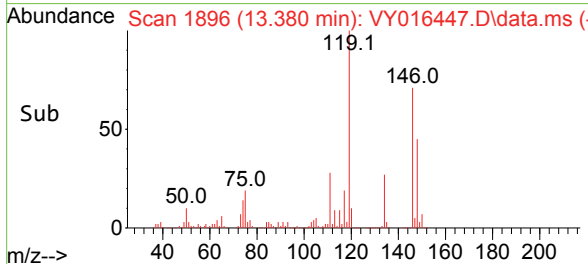
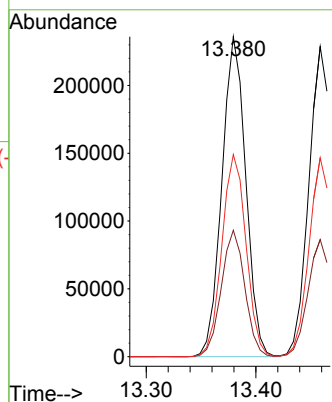
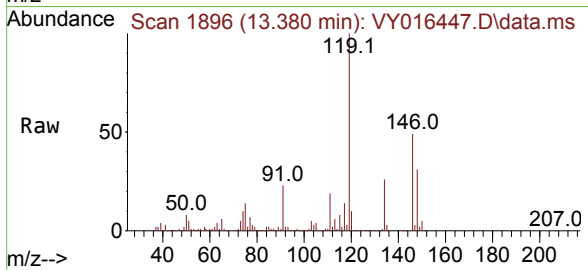
Tgt Ion:146 Resp: 357255

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 102.987 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

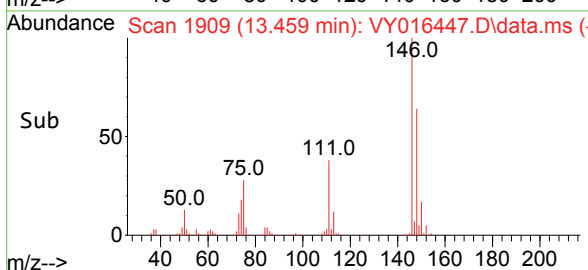
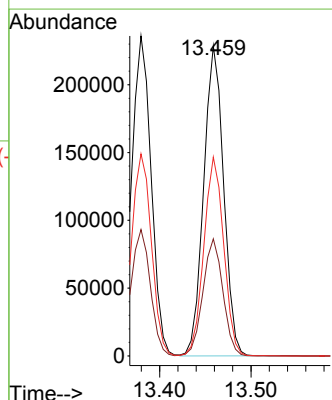
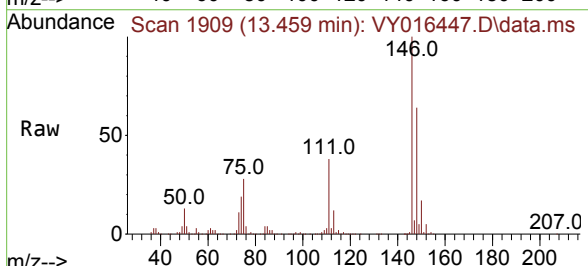
Tgt Ion:146 Resp: 345679

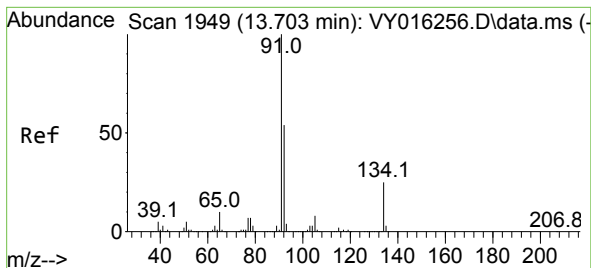
Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 97.340 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

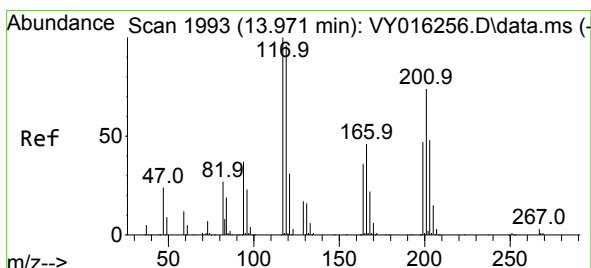
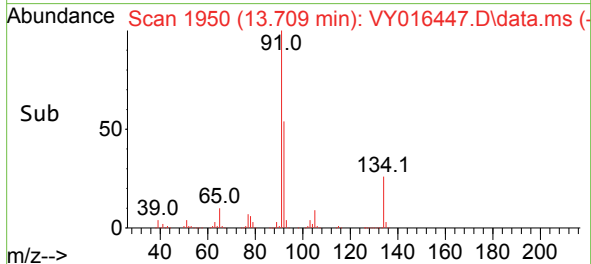
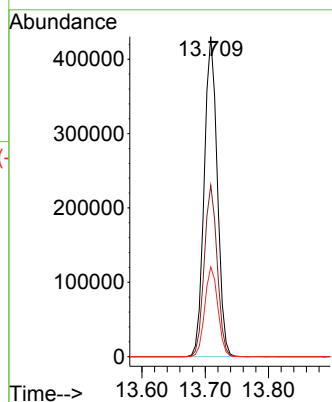
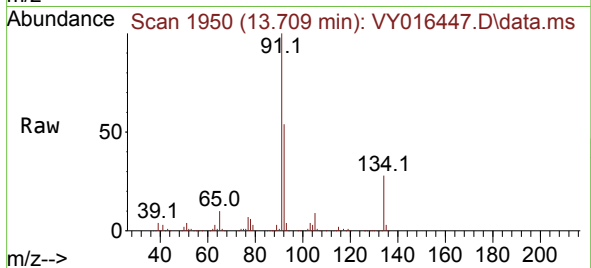
Tgt Ion: 91 Resp: 620295

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 102.083 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016447.D

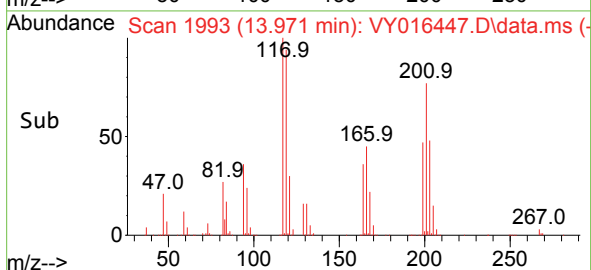
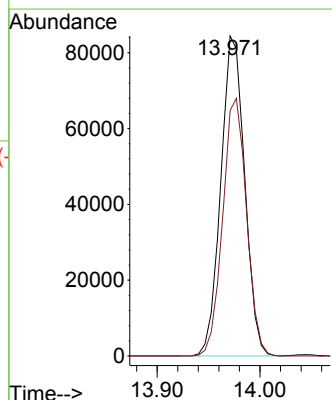
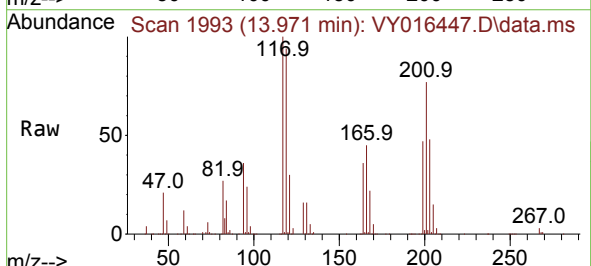
Acq: 21 Nov 2023 18:54

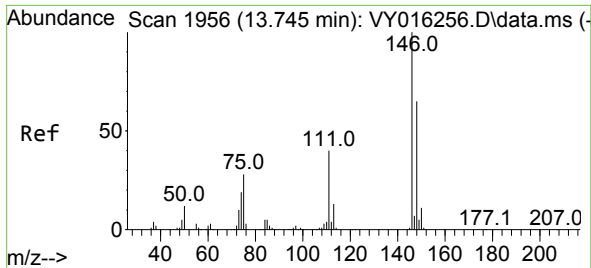
Tgt Ion: 117 Resp: 135881

Ion Ratio Lower Upper

117 100

201 80.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 103.613 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

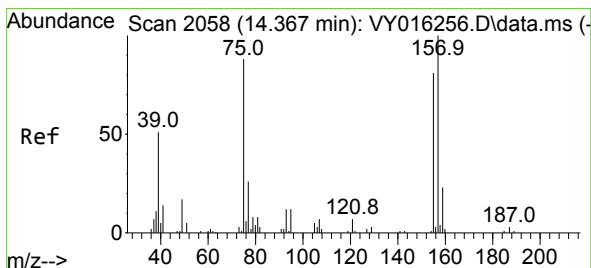
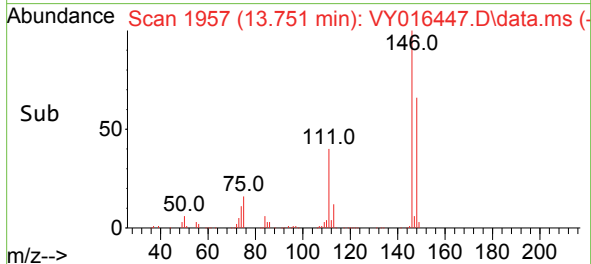
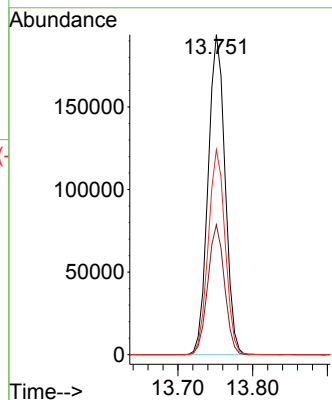
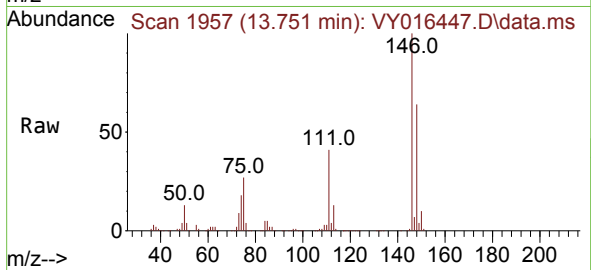
Tgt Ion:146 Resp: 304936

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 91.643 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

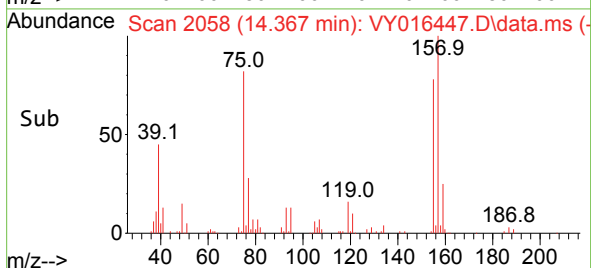
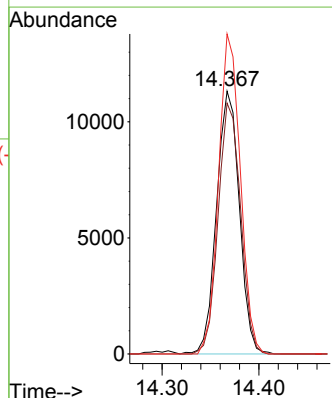
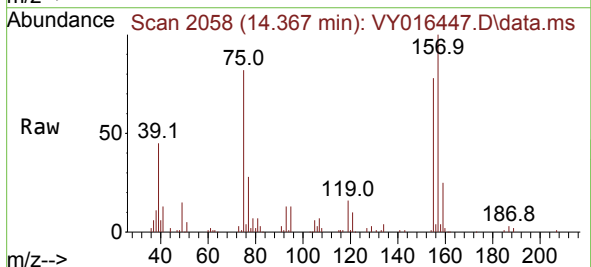
Tgt Ion: 75 Resp: 18480

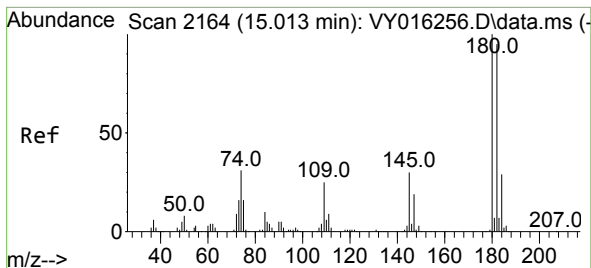
Ion Ratio Lower Upper

75 100

155 94.0 41.5 124.6

157 116.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 108.906 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

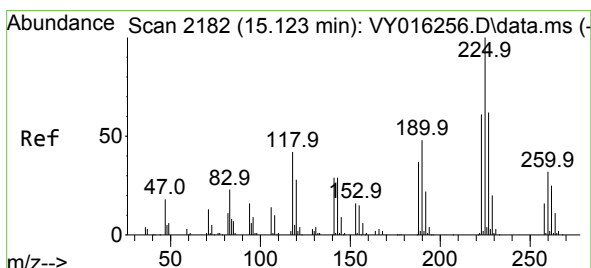
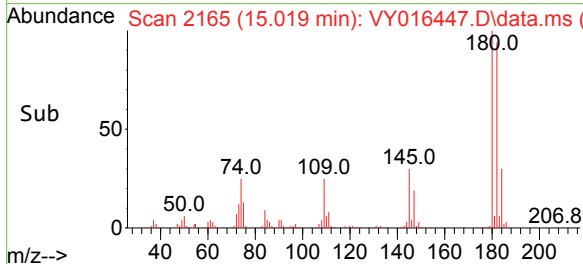
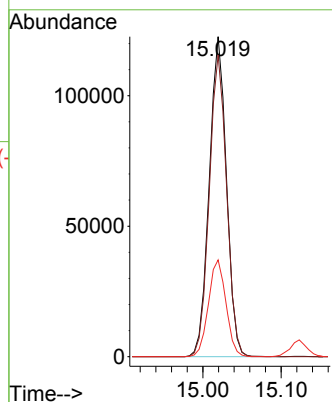
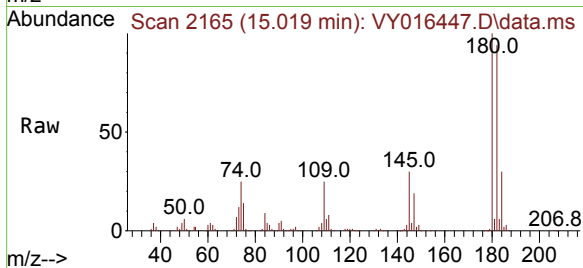
Tgt Ion:180 Resp: 187084

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 100.169 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

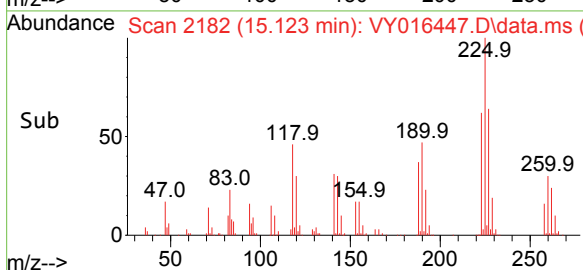
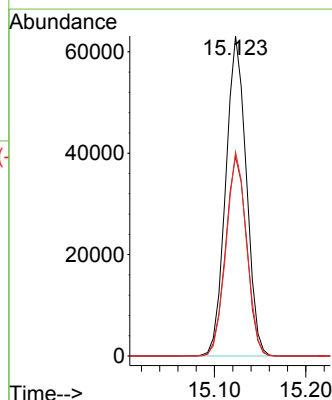
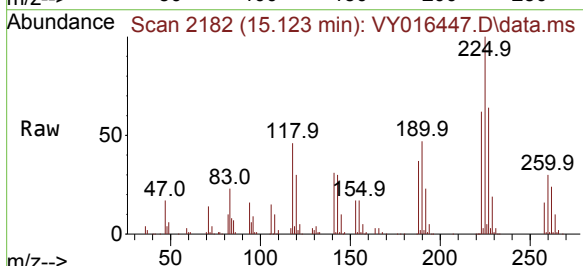
Tgt Ion:225 Resp: 98583

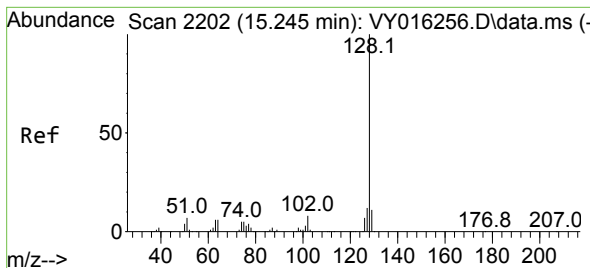
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 108.712 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

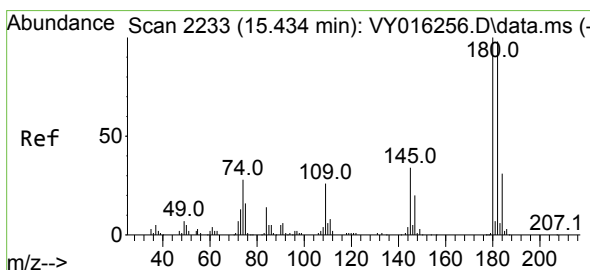
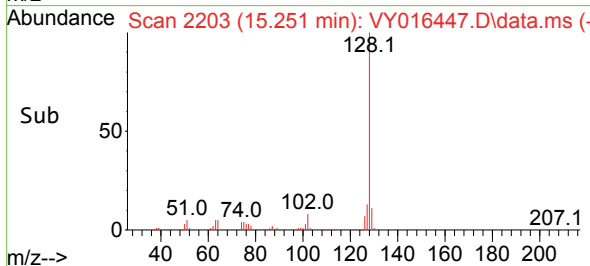
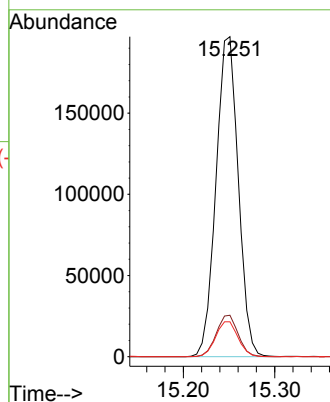
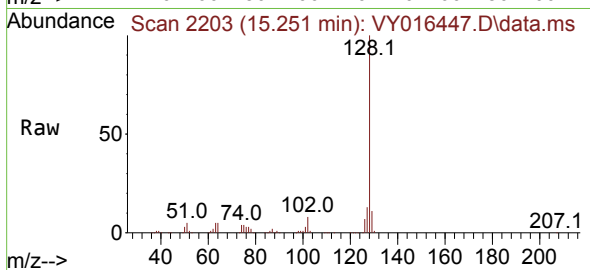
Tgt Ion:128 Resp: 334009

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 108.352 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016447.D

Acq: 21 Nov 2023 18:54

Tgt Ion:180 Resp: 153954

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

145 32.2 15.4 46.2

