

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016960.D
 Acq On : 09 Jan 2024 19:41
 Operator : SY/MD
 Sample : P1085-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:32:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	2450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	4611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	4905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1416	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	1347	55.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.260%	
35) Dibromofluoromethane	7.740	113	1045	35.565	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 71.120%	
50) Toluene-d8	10.203	98	5067	50.079	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.501	95	1590	46.577	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.160%	

Target Compounds			Qvalue			
3) Chloromethane	2.137	50	79	2.745	ug/l #	41
6) Chloroethane	2.796	64	88	3.832	ug/l #	43
10) Methyl Iodide	4.113	142	48	2.075	ug/l #	40
16) Acetone	3.972	43	65	Below Cal	#	41
20) Methylene Chloride	4.734	84	50	Below Cal	#	7
36) 1,1-Dichloropropene	7.813	75	176	4.110	ug/l #	42
38) Carbon Tetrachloride	7.807	117	219	5.034	ug/l #	12
41) Methacrylonitrile	7.454	41	21	2.049	ug/l #	23
46) Dibromomethane	9.313	93	76	4.503	ug/l #	24
48) Methyl methacrylate	9.295	41	67	3.331	ug/l #	1
51) 4-Methyl-2-Pentanone	10.093	43	73	3.683	ug/l #	35
55) 1,1,2-Trichloroethane	10.654	97	142	5.759	ug/l #	37
56) Ethyl methacrylate	10.520	69	211	10.103	ug/l #	33
57) 1,3-Dichloropropane	10.587	76	59	1.433	ug/l #	42
59) 2-Hexanone	10.849	43	173	11.855	ug/l #	23
60) Dibromochloromethane	11.014	129	91	3.200	ug/l #	10
61) 1,2-Dibromoethane	11.087	107	419	19.559	ug/l #	23
64) Tetrachloroethene	10.721	164	40	1.258	ug/l #	23
66) 1,1,1,2-Tetrachloroethane	11.697	131	147	3.784	ug/l	71
67) Ethyl Benzene	11.611	91	431	2.343	ug/l	91
71) Bromoform	12.221	173	90	4.707	ug/l #	26
73) Isopropylbenzene	12.428	105	241	2.084	ug/l	92
74) N-amyl acetate	12.184	43	646	27.806	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.556	83	144	6.112	ug/l #	25
76) 1,2,3-Trichloropropane	12.495	75	655	42.626	ug/l #	100
77) Bromobenzene	12.532	156	260	10.213	ug/l #	10
78) n-propylbenzene	12.550	91	715	5.086	ug/l	99
79) 2-Chlorotoluene	13.013	91	93	1.193	ug/l	77
80) 1,3,5-Trimethylbenzene	12.818	105	150	1.640	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.495	75	655	96.793	ug/l #	12
82) 4-Chlorotoluene	13.038	91	127	1.595	ug/l	99
83) tert-Butylbenzene	12.928	119	134	1.664	ug/l	83
84) 1,2,4-Trimethylbenzene	13.087	105	223	2.476	ug/l	84
85) sec-Butylbenzene	13.032	105	146	1.223	ug/l	100
86) p-Isopropyltoluene	13.379	119	106	1.076	ug/l #	1
89) n-Butylbenzene	13.593	91	273	2.883	ug/l	75

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Quant Time: Jan 10 02:32:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

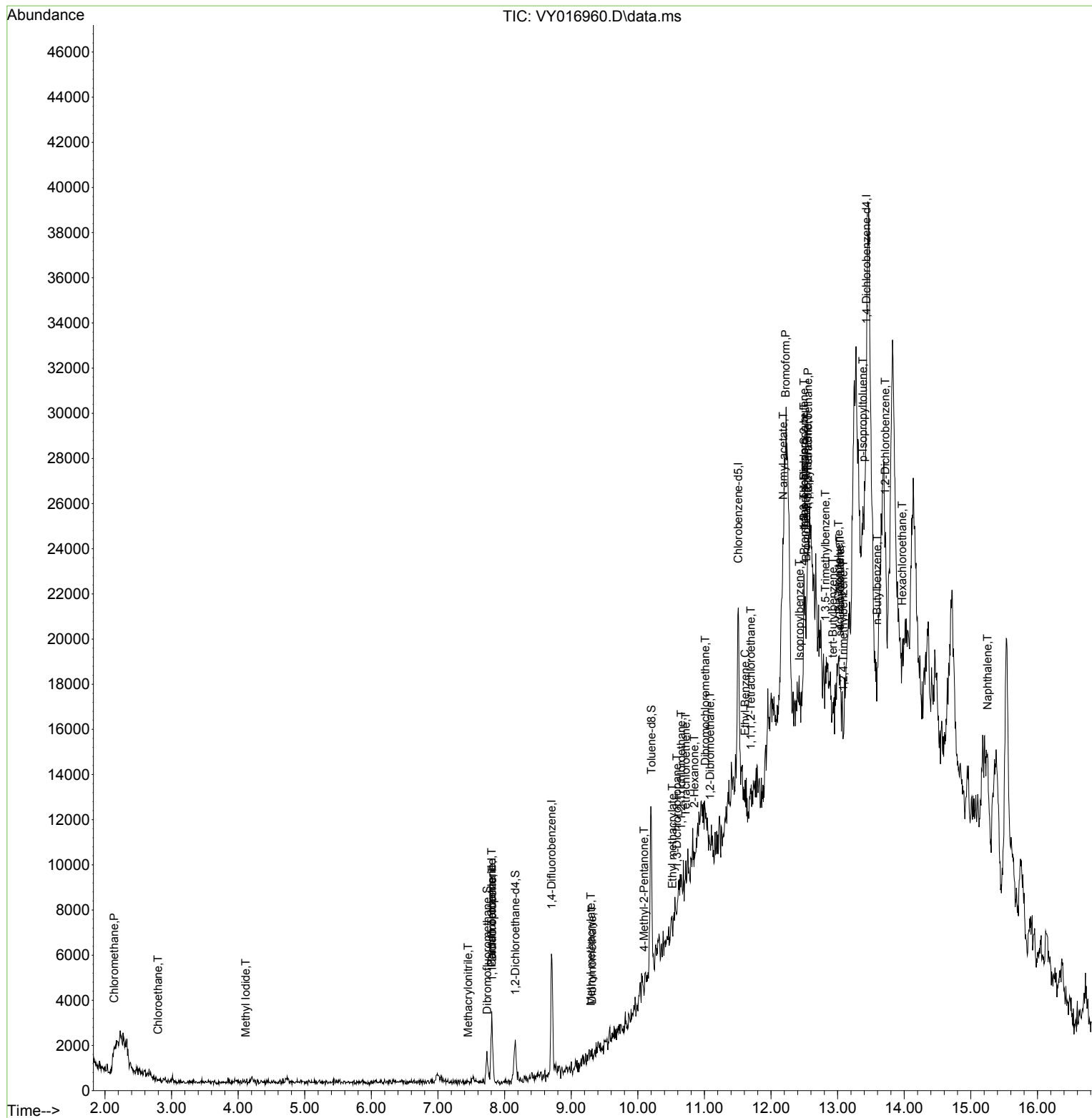
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.971	117	71	3.354	ug/l #	17
91) 1,2-Dichlorobenzene	13.715	146	266	6.165	ug/l	88
95) Naphthalene	15.251	128	520	14.838	ug/l #	31

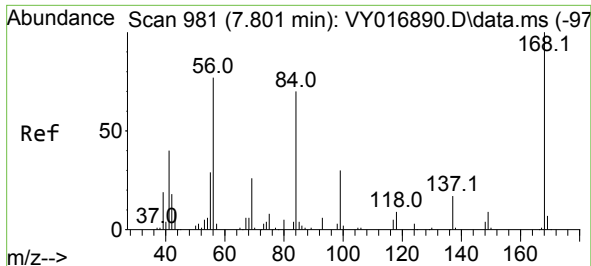
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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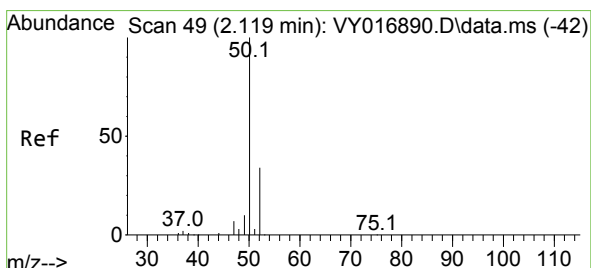
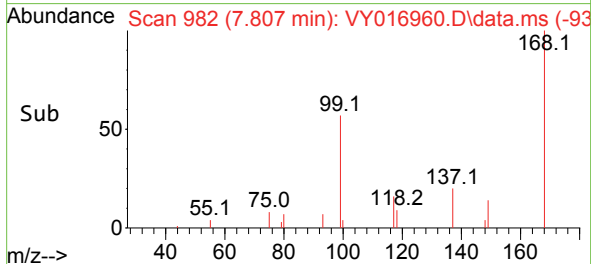
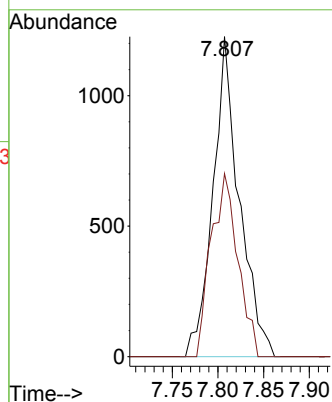
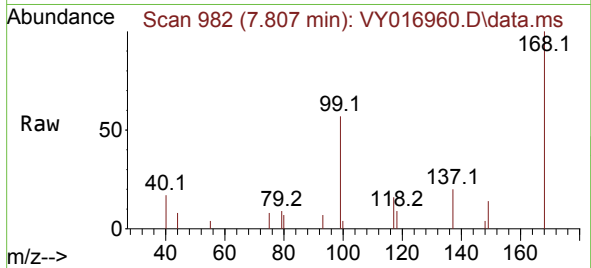




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

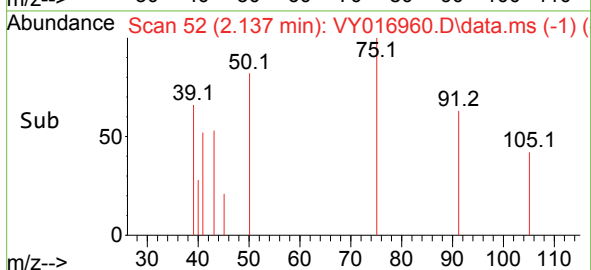
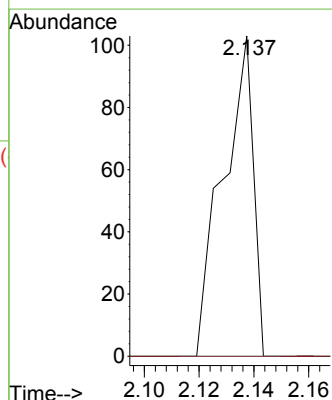
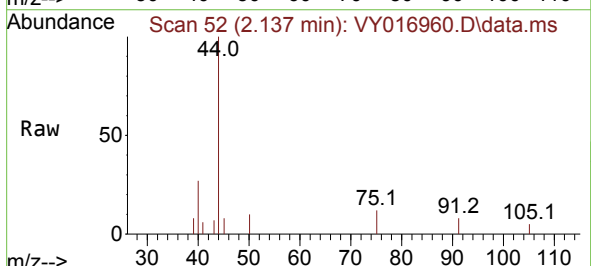
Instrument :
MSVOA_Y
ClientSampleId :

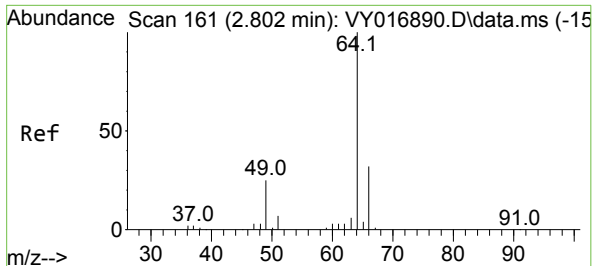
Tgt Ion:168 Resp: 2450
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#3
Chloromethane
Concen: 2.745 ug/l
RT: 2.137 min Scan# 52
Delta R.T. 0.018 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

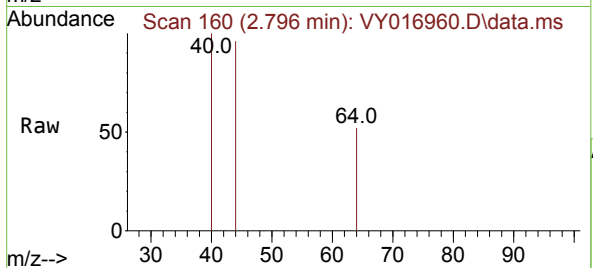
Tgt Ion: 50 Resp: 79
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#



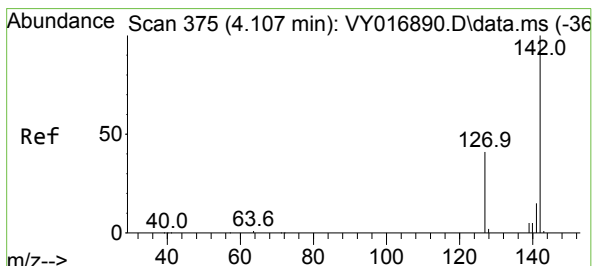
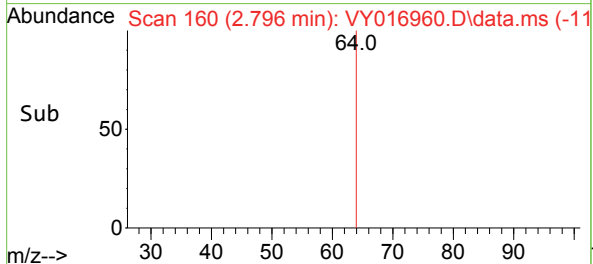
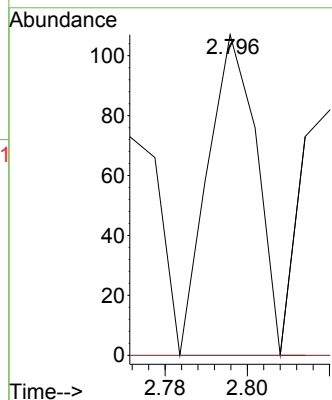


#6
Chloroethane
Concen: 3.832 ug/l
RT: 2.796 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Instrument :
MSVOA_Y
ClientSampleId :

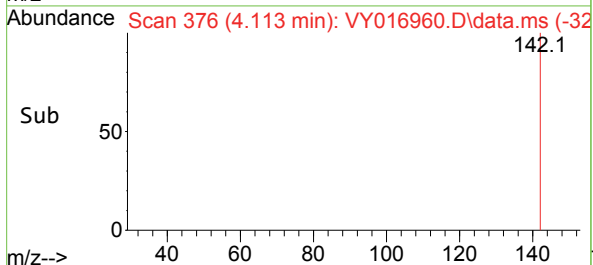
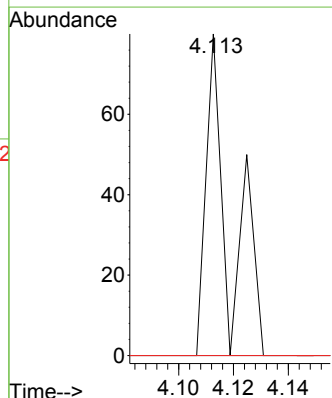
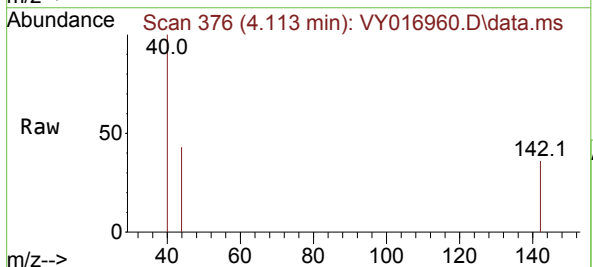


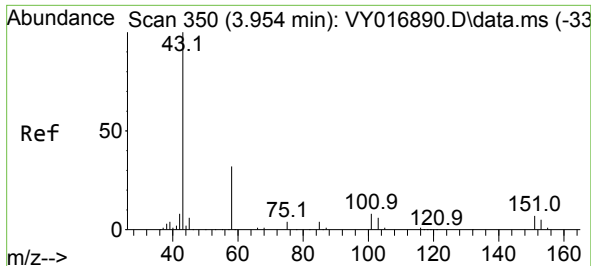
Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#10
Methyl Iodide
Concen: 2.075 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 142 Resp: 48
Ion Ratio Lower Upper
142 100
127 0.0 35.1 52.7#
141 0.0 11.8 17.6#

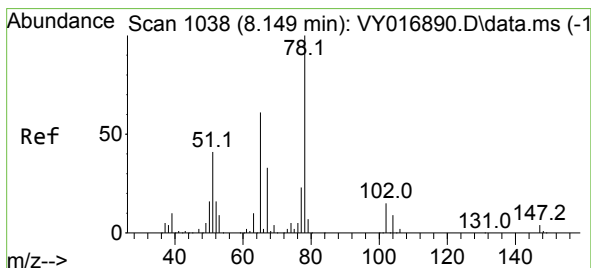
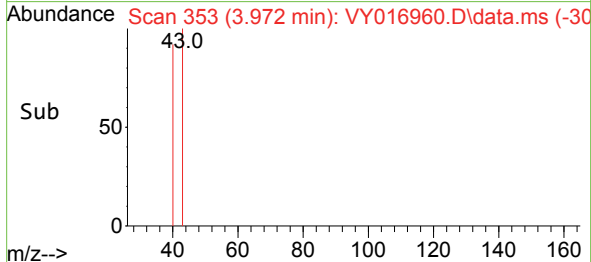
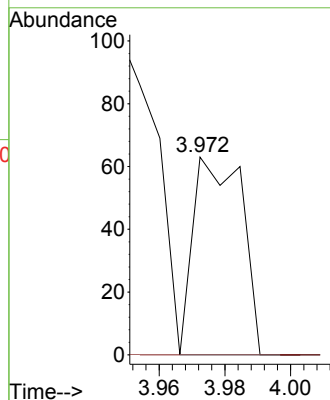
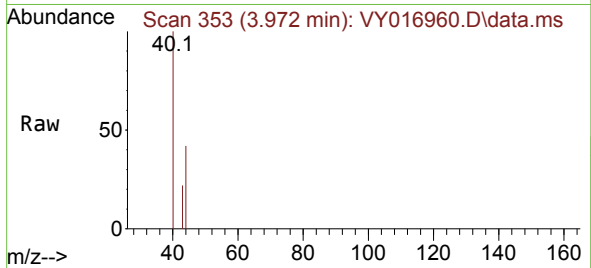




#16
Acetone
Concen: Below Cal
RT: 3.972 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

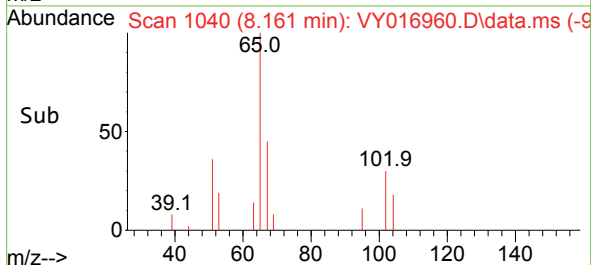
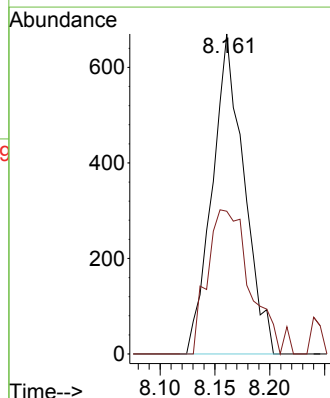
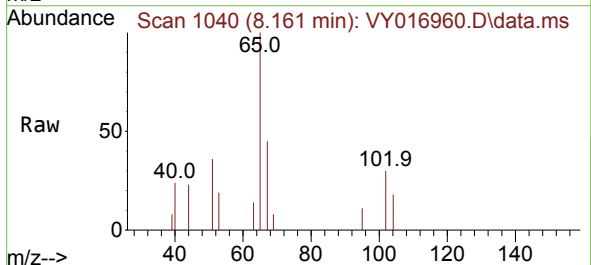
Instrument :
MSVOA_Y
ClientSampleId :

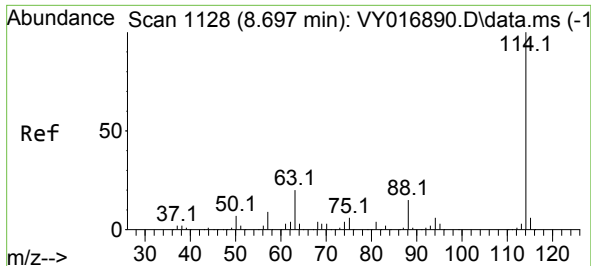
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#33
1,2-Dichloroethane-d4
Concen: 55.627 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 65 Resp: 1347
Ion Ratio Lower Upper
65 100
67 61.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

Instrument :

MSVOA_Y

ClientSampleId :

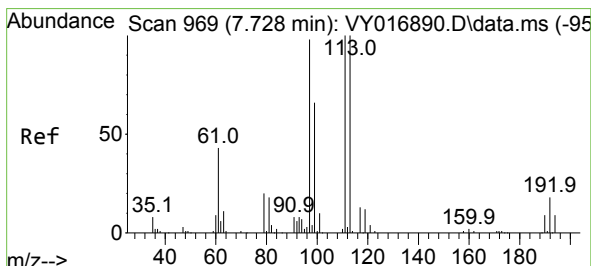
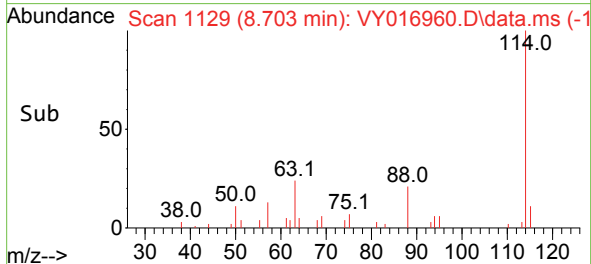
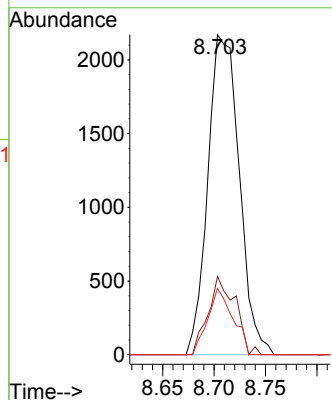
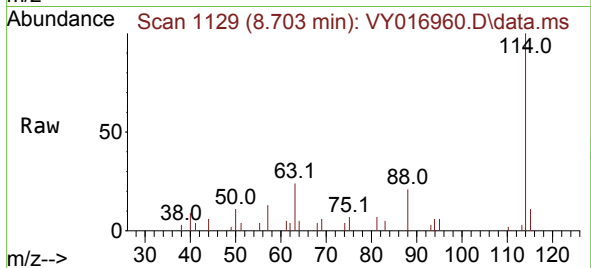
Tgt Ion:114 Resp: 4611

Ion Ratio Lower Upper

114 100

63 24.5 0.0 37.4

88 20.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 35.565 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

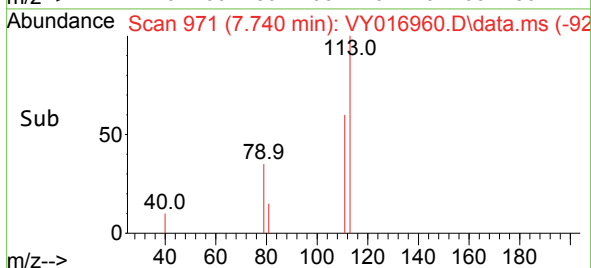
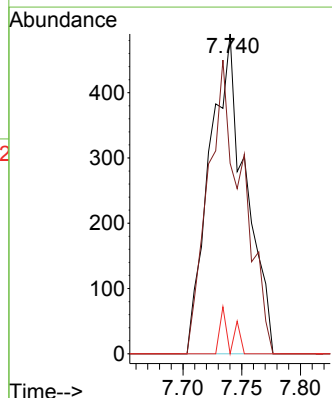
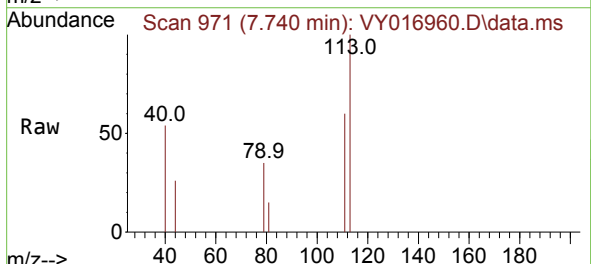
Tgt Ion:113 Resp: 1045

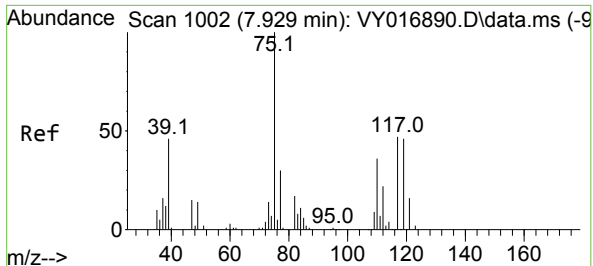
Ion Ratio Lower Upper

113 100

111 87.8 83.8 125.6

192 4.3 14.5 21.7#





#36

1,1-Dichloropropene

Concen: 4.110 ug/l

RT: 7.813 min Scan# 91

Delta R.T. -0.116 min

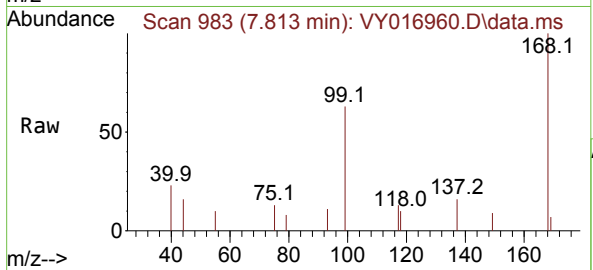
Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

Instrument :

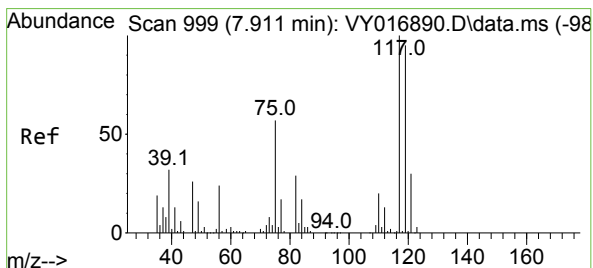
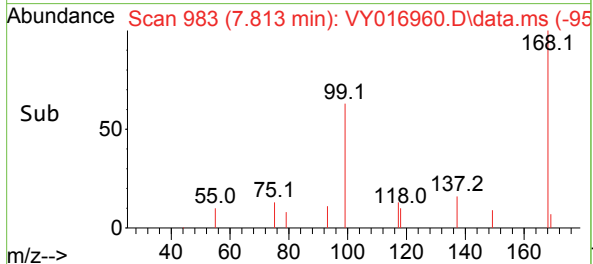
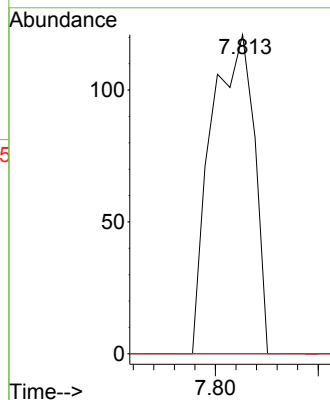
MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 176

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.034 ug/l

RT: 7.807 min Scan# 982

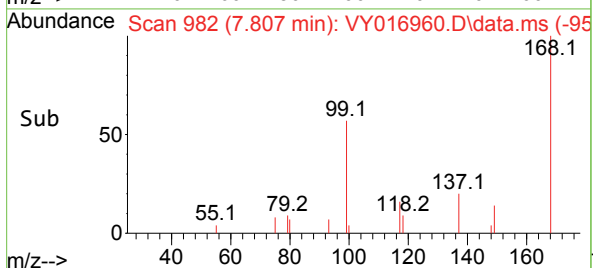
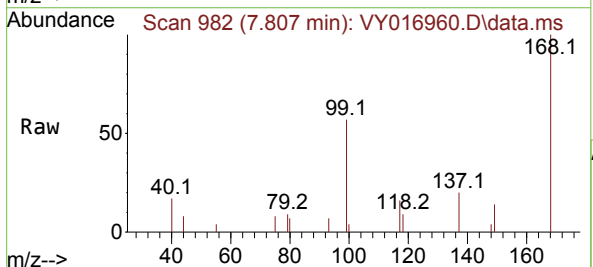
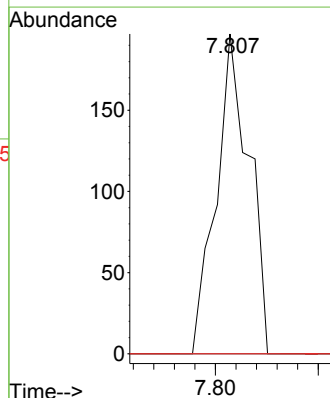
Delta R.T. -0.110 min

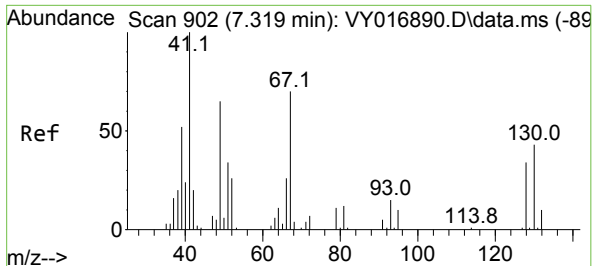
Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

Tgt Ion: 117 Resp: 219

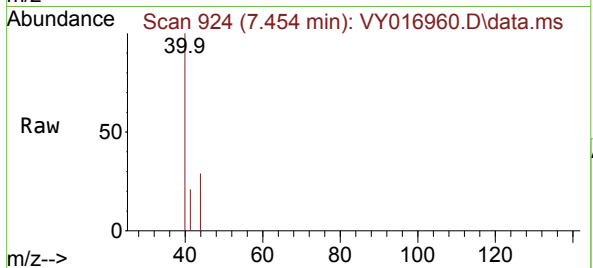
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.0	114.0#
121	0.0	24.2	36.2#



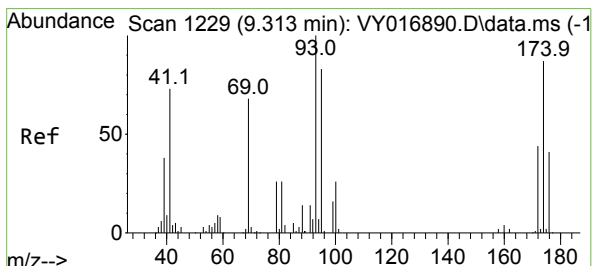
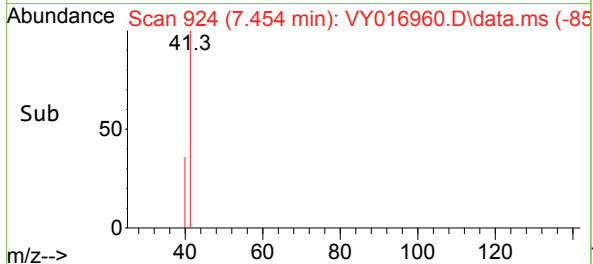
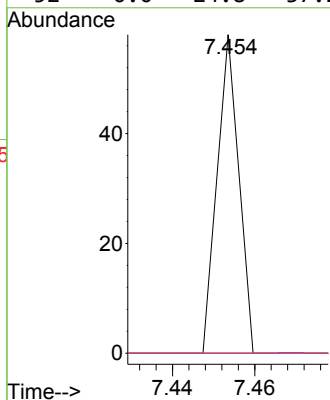


#41
Methacrylonitrile
Concen: 2.049 ug/l
RT: 7.454 min Scan# 91
Delta R.T. 0.135 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Instrument :
MSVOA_Y
ClientSampleId :

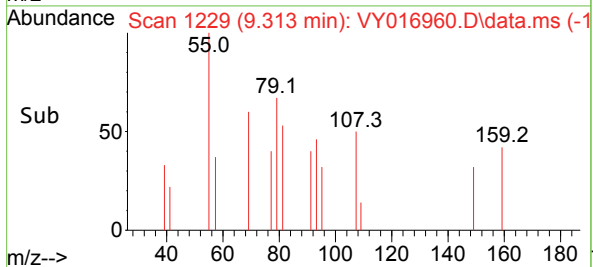
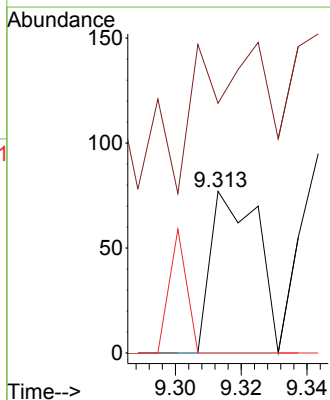
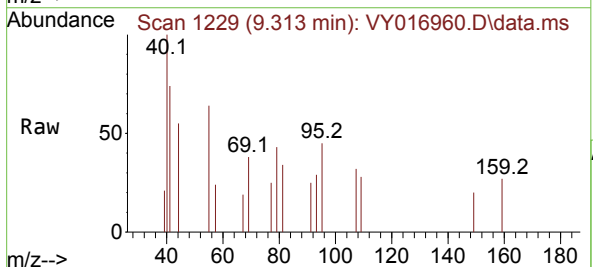


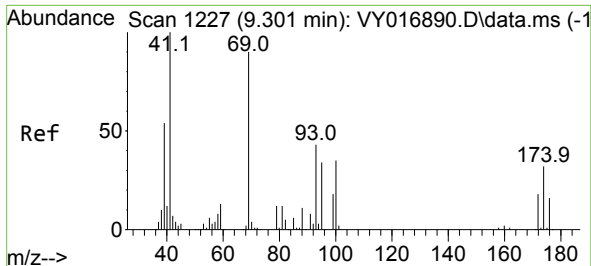
Tgt Ion: 41	Resp: 21
Ion Ratio	Lower Upper
41 100	
39 0.0	41.9 62.9#
67 0.0	59.8 89.6#
52 0.0	24.8 37.2#



#46
Dibromomethane
Concen: 4.503 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

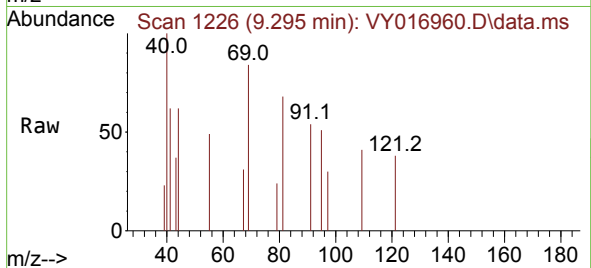
Tgt Ion: 93	Resp: 76
Ion Ratio	Lower Upper
93 100	
95 130.3	66.6 99.8#
174 0.0	73.8 110.6#



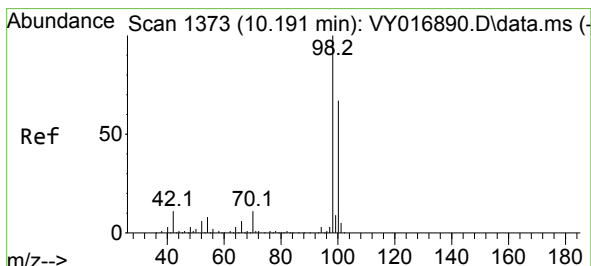
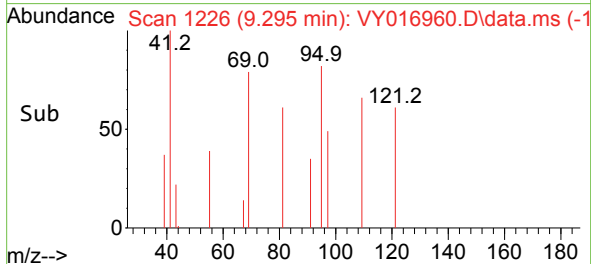
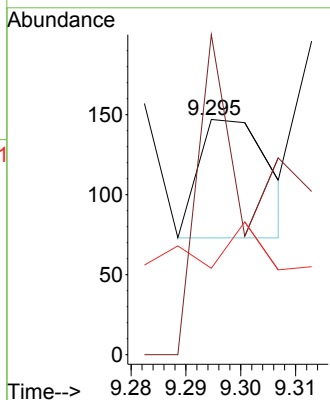


#48
Methyl methacrylate
Concen: 3.331 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Instrument :
MSVOA_Y
ClientSampleId :

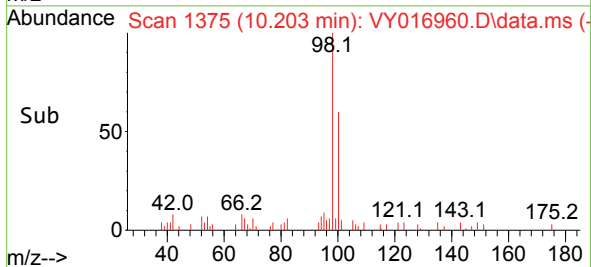
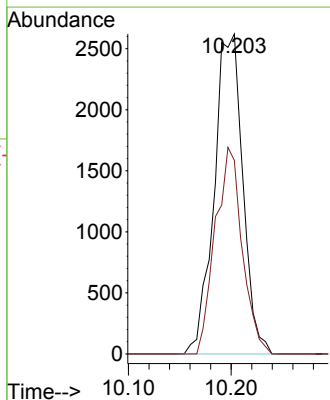
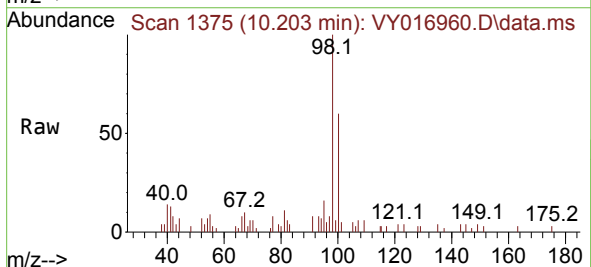


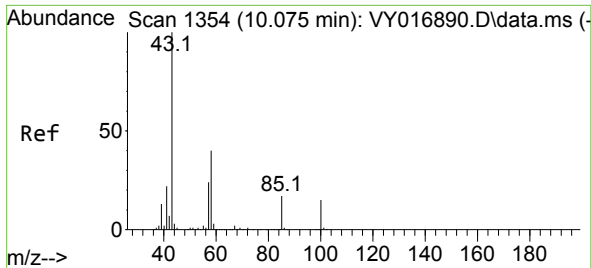
Tgt Ion: 41 Resp: 67
Ion Ratio Lower Upper
41 100
69 410.4 72.1 108.1#
39 231.3 42.8 64.2#



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 98 Resp: 5067
Ion Ratio Lower Upper
98 100
100 60.9 52.3 78.5

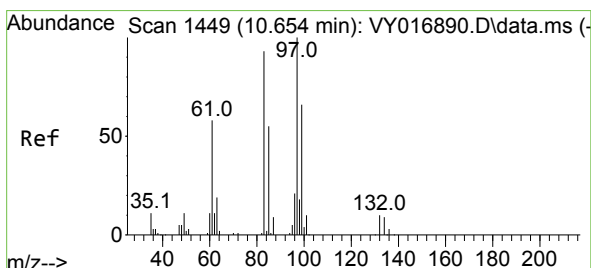
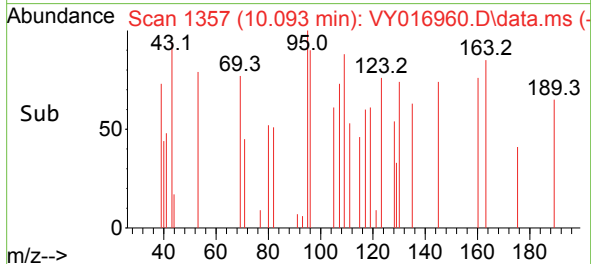
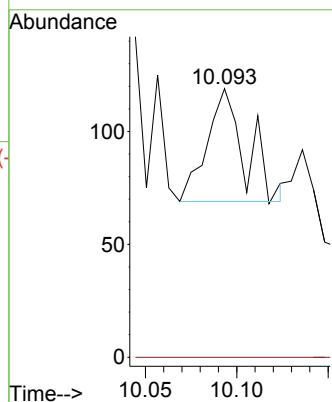
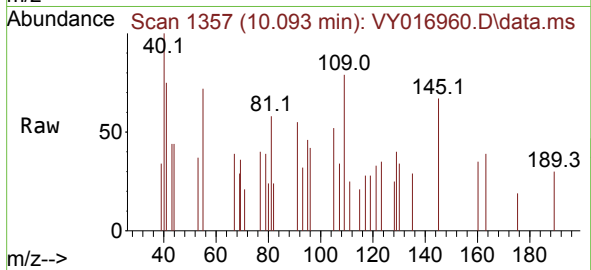




#51
4-Methyl-2-Pentanone
Concen: 3.683 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

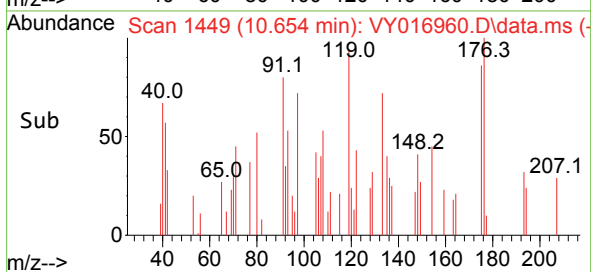
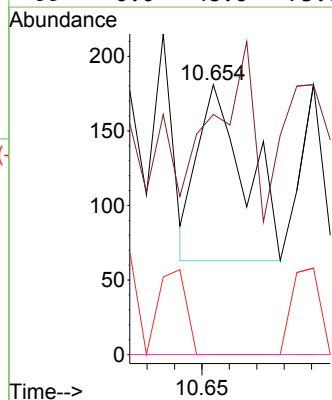
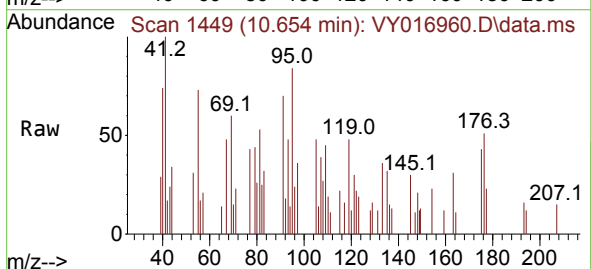
Instrument :
MSVOA_Y
ClientSampleId :

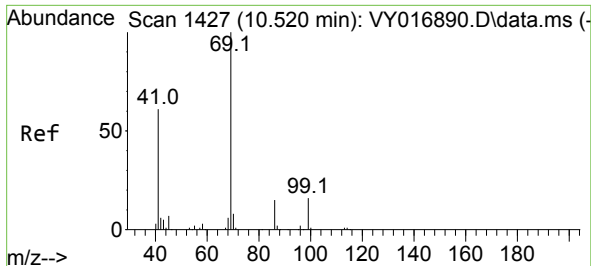
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.2#



#55
1,1,2-Trichloroethane
Concen: 5.759 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 97 Resp: 142
Ion Ratio Lower Upper
97 100
83 46.6 69.4 104.2#
85 0.0 43.9 65.9#
99 0.0 48.6 73.0#

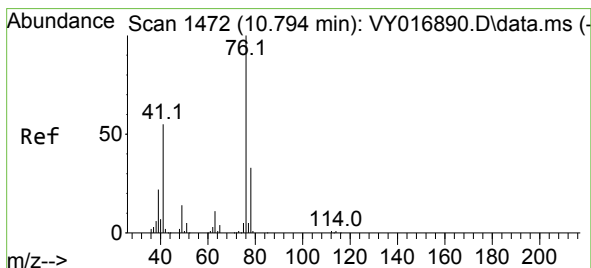
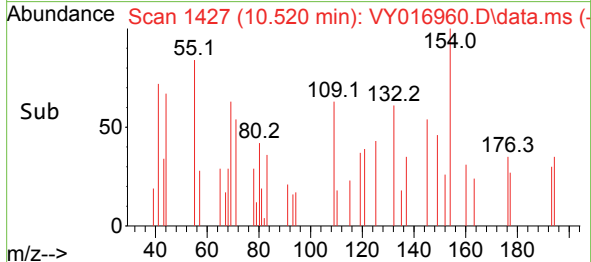
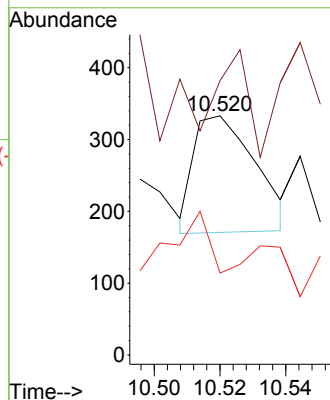
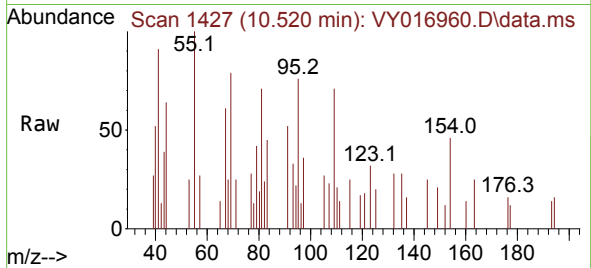




#56
Ethyl methacrylate
Concen: 10.103 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

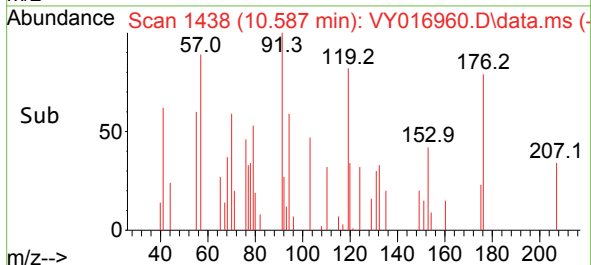
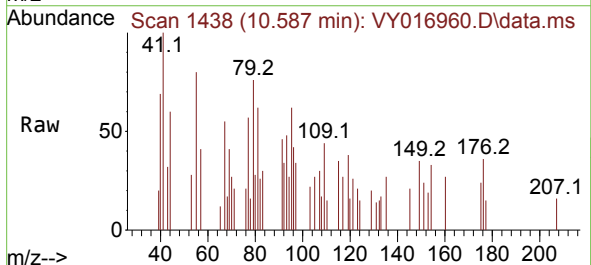
Instrument :
MSVOA_Y
ClientSampleId :

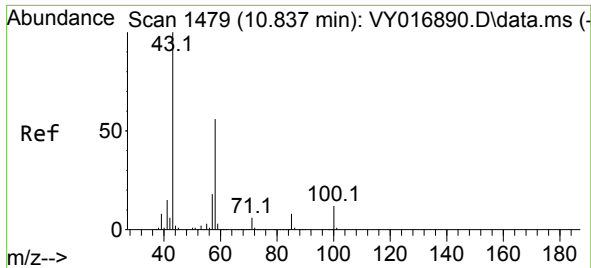
Tgt Ion: 69 Resp: 211
Ion Ratio Lower Upper
69 100
41 0.0 49.2 73.8#
39 58.3 26.8 40.2#



#57
1,3-Dichloropropane
Concen: 1.433 ug/l
RT: 10.587 min Scan# 1438
Delta R.T. -0.213 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 76 Resp: 59
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

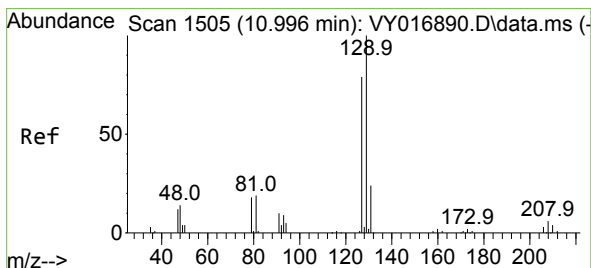
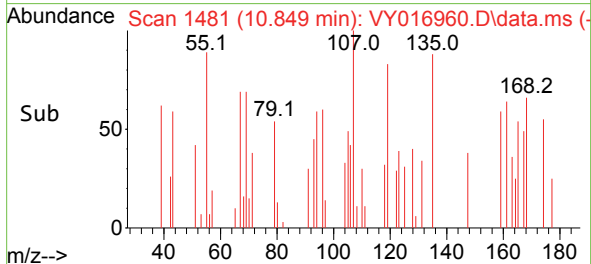
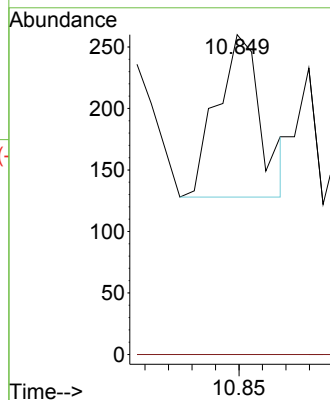
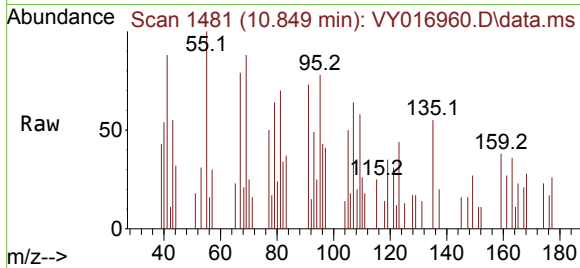




#59
2-Hexanone
Concen: 11.855 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

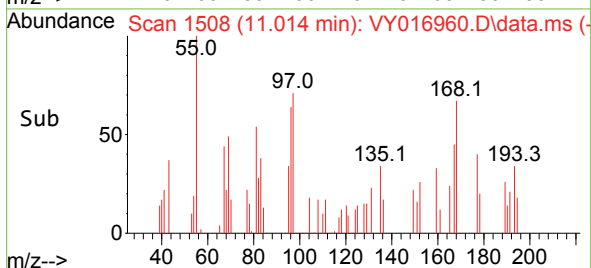
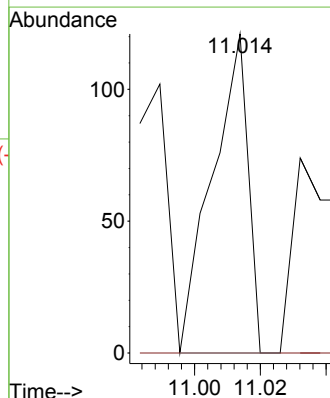
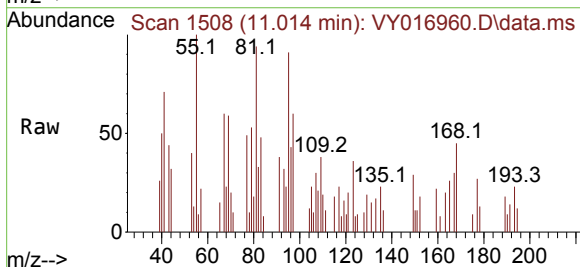
Instrument :
MSVOA_Y
ClientSampleId :

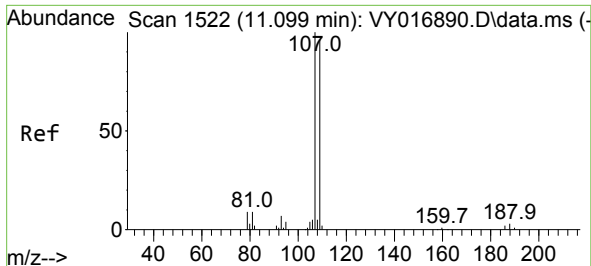
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#60
Dibromochloromethane
Concen: 3.200 ug/l
RT: 11.014 min Scan# 1508
Delta R.T. 0.018 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 129 Resp: 91
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#

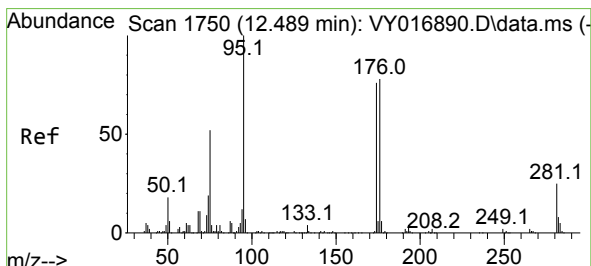
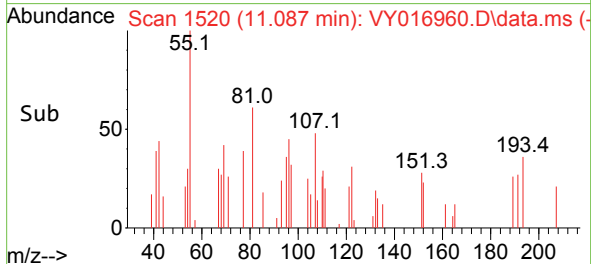
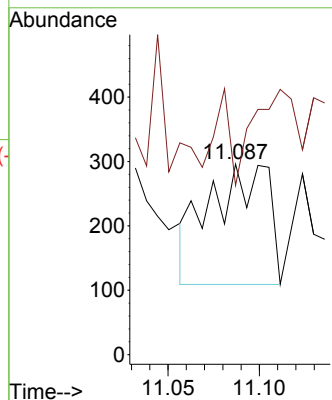
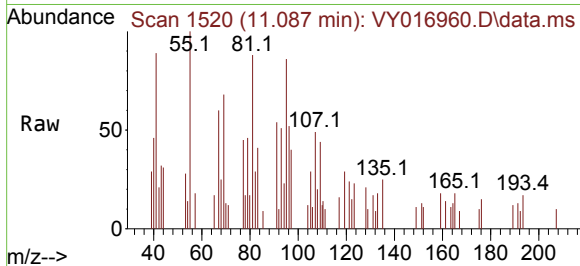




#61
1,2-Dibromoethane
Concen: 19.559 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

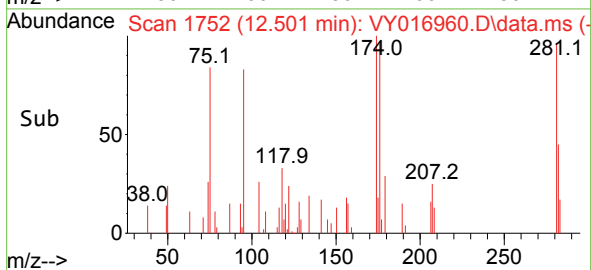
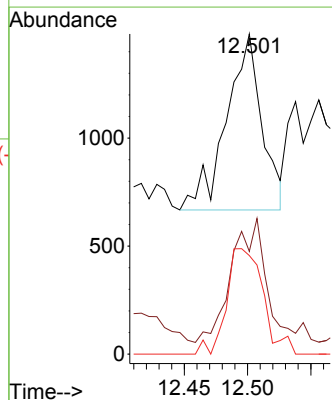
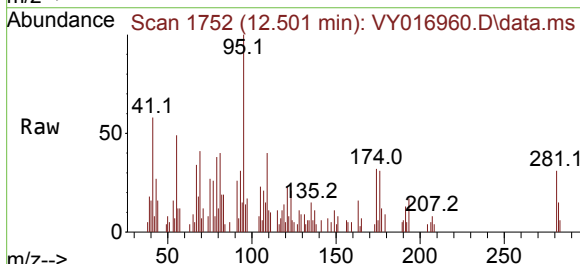
Instrument :
MSVOA_Y
ClientSampleId :

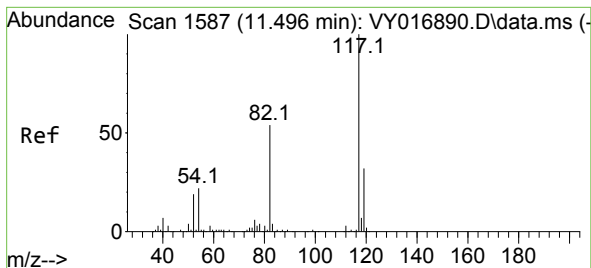
Tgt Ion:107 Resp: 419
Ion Ratio Lower Upper
107 100
109 19.6 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 46.577 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 95 Resp: 1590
Ion Ratio Lower Upper
95 100
174 70.6 0.0 160.0
176 61.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016960.D

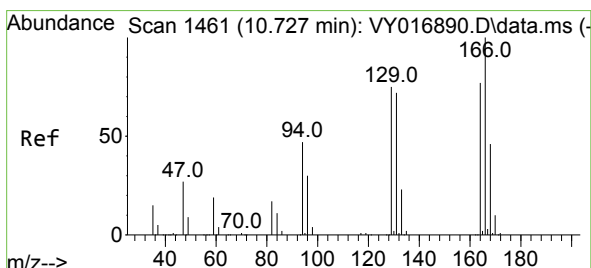
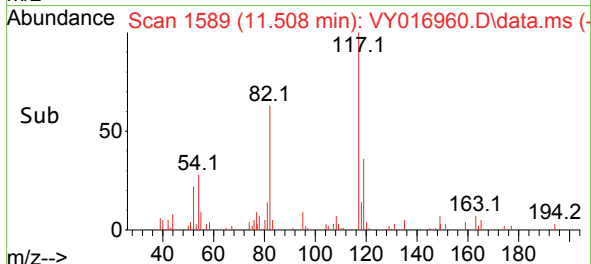
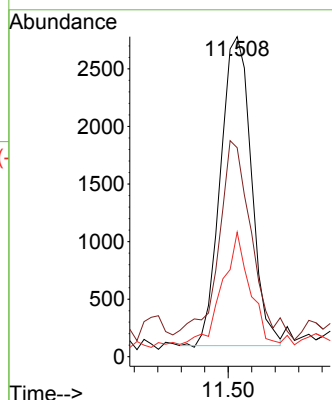
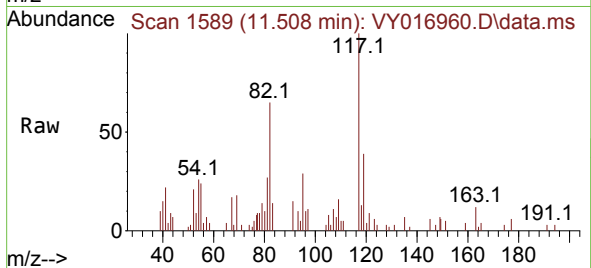
Acq: 09 Jan 2024 19:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	4905
Ion	Ratio	Lower Upper
117	100	
82	59.1	43.8 65.8
119	36.3	26.5 39.7



#64

Tetrachloroethene

Concen: 1.258 ug/l

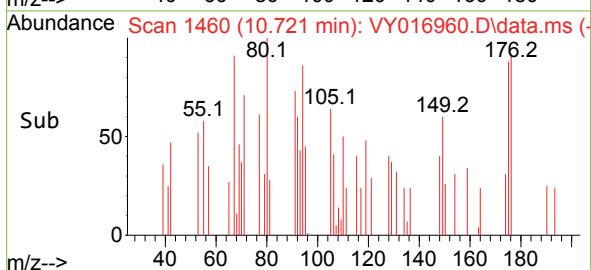
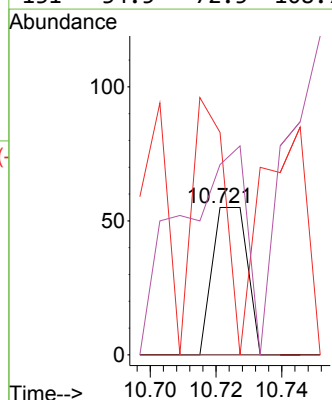
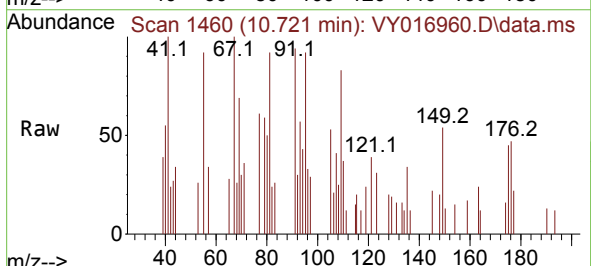
RT: 10.721 min Scan# 1460

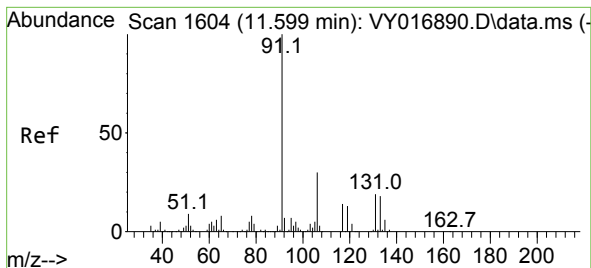
Delta R.T. -0.006 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

Tgt Ion:164	Resp:	40
Ion	Ratio	Lower Upper
164	100	
166	0.0	98.8 148.2#
129	150.9	78.9 118.3#
131	34.5	72.5 108.7#

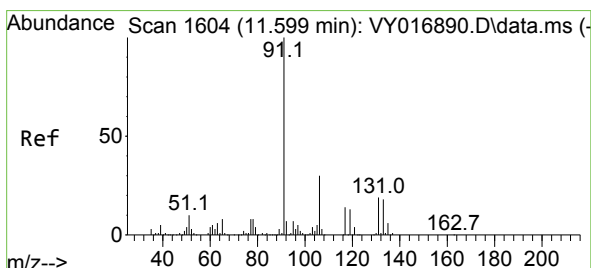
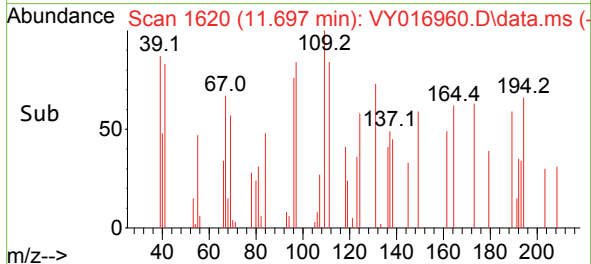
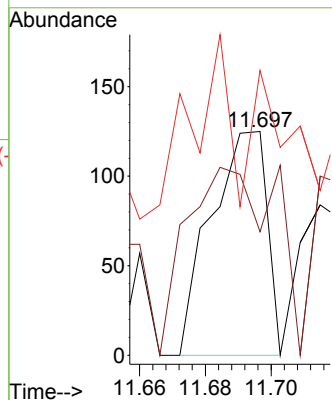
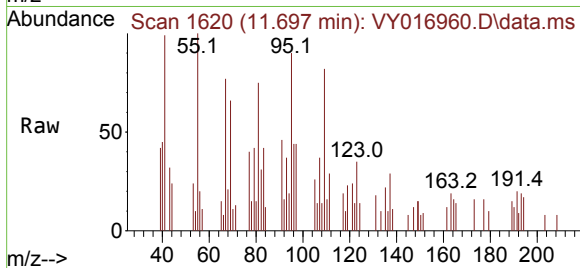




#66
1,1,1,2-Tetrachloroethane
Concen: 3.784 ug/l
RT: 11.697 min Scan# 1606
Delta R.T. 0.098 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

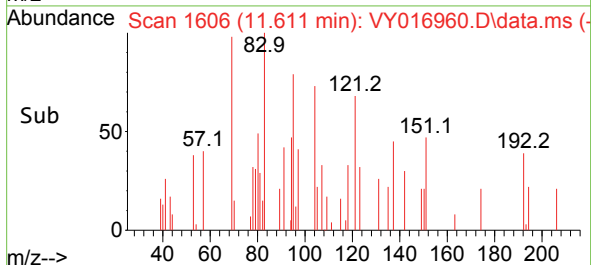
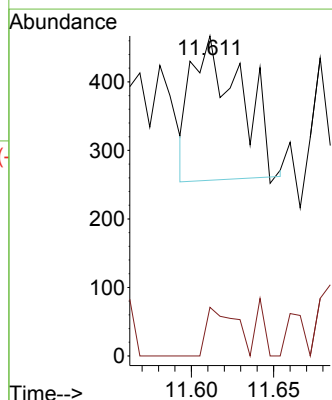
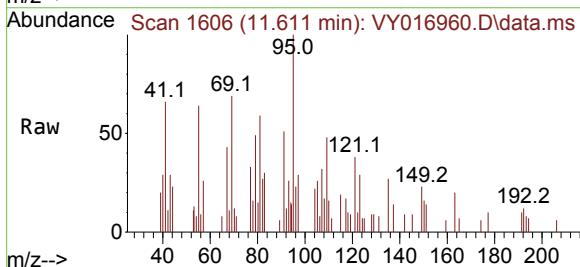
Instrument :
MSVOA_Y
ClientSampleId :

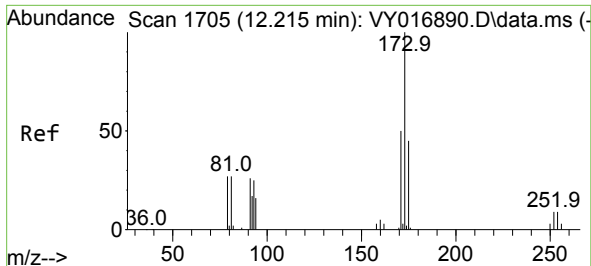
Tgt Ion:131 Resp: 147
Ion Ratio Lower Upper
131 100
133 133.3 47.0 141.0
119 55.8 33.3 99.9



#67
Ethyl Benzene
Concen: 2.343 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 91 Resp: 431
Ion Ratio Lower Upper
91 100
106 36.2 25.0 37.4

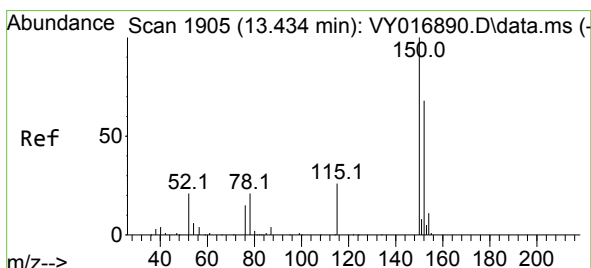
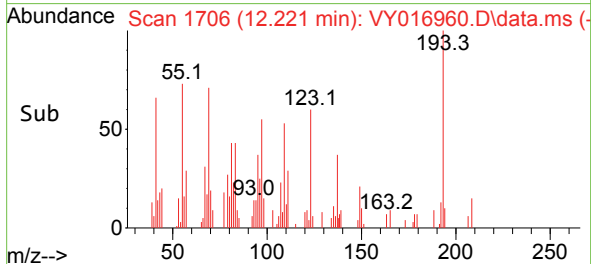
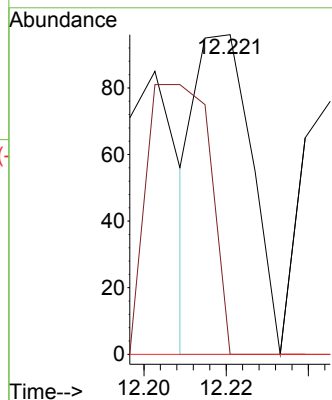
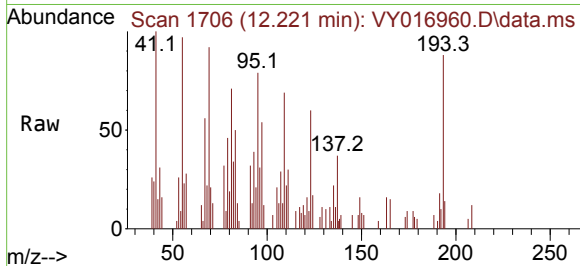




#71
Bromoform
Concen: 4.707 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

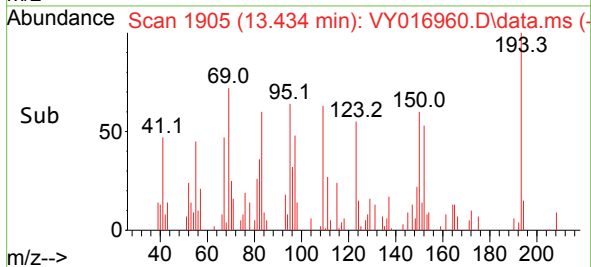
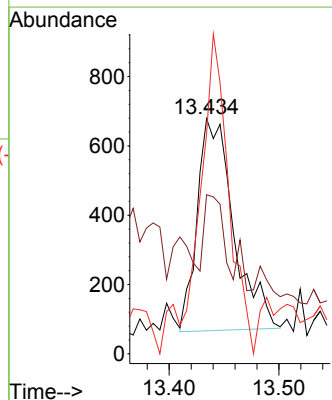
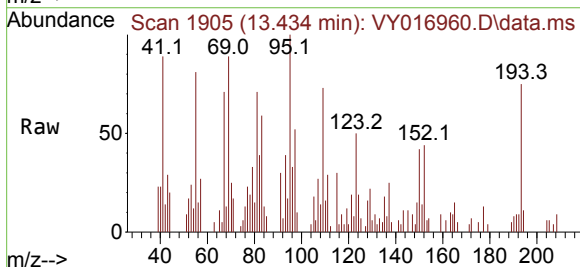
Instrument :
MSVOA_Y
ClientSampleId :

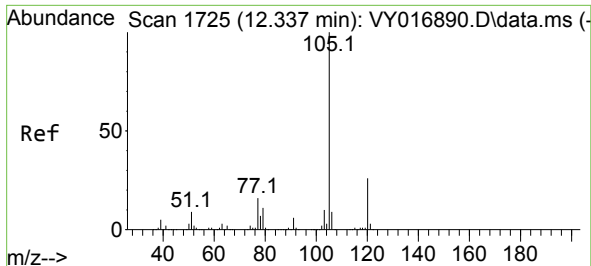
Tgt Ion:173 Resp: 90
Ion Ratio Lower Upper
173 100
175 96.7 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion:152 Resp: 1416
Ion Ratio Lower Upper
152 100
115 27.5 30.0 90.0#
150 122.5 0.0 344.6

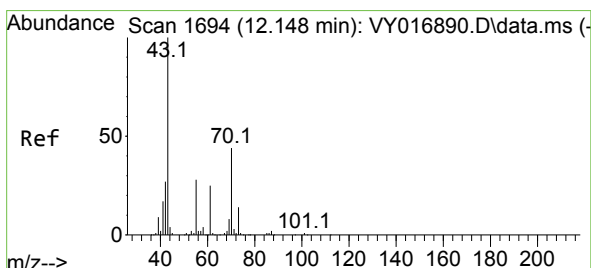
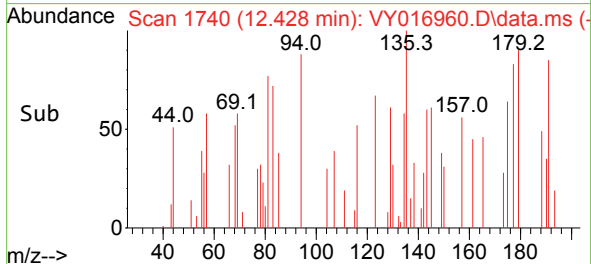
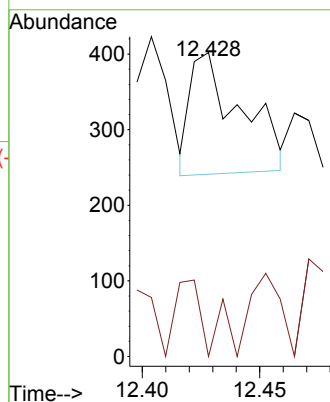
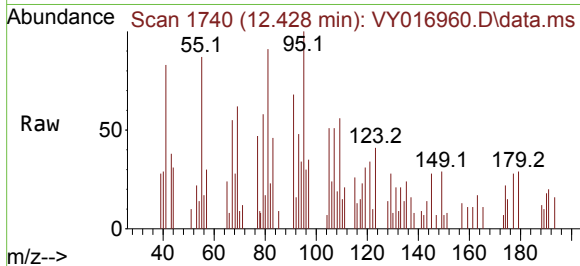




#73
Isopropylbenzene
Concen: 2.084 ug/l
RT: 12.428 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

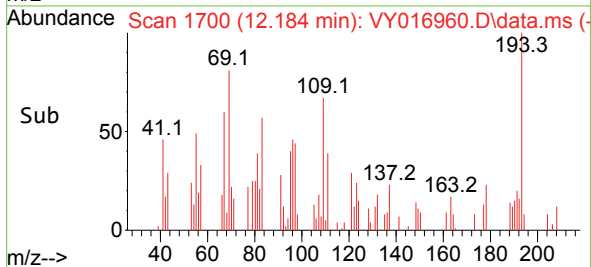
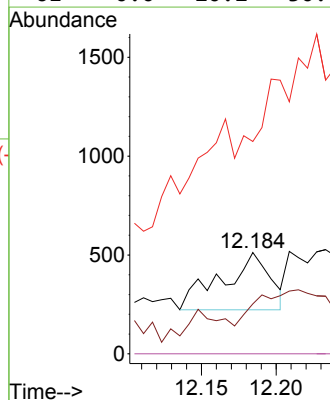
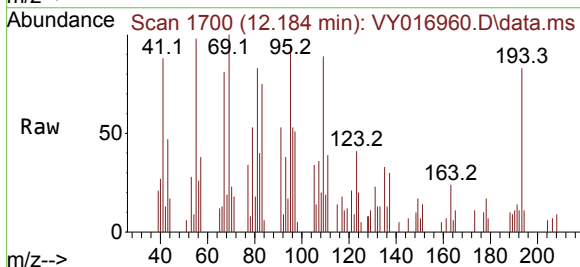
Instrument :
MSVOA_Y
ClientSampleId :

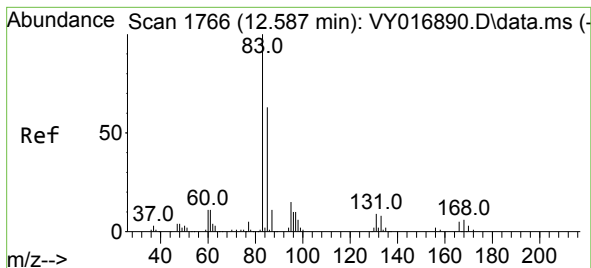
Tgt Ion:105 Resp: 241
Ion Ratio Lower Upper
105 100
120 30.3 13.0 39.0



#74
N-ethyl acetate
Concen: 27.806 ug/l
RT: 12.184 min Scan# 1700
Delta R.T. 0.030 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 202.3 22.2 33.4#
61 0.0 20.2 30.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 6.112 ug/l

RT: 12.556 min Scan# 1

Delta R.T. -0.037 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

Instrument :

MSVOA_Y

ClientSampleId :

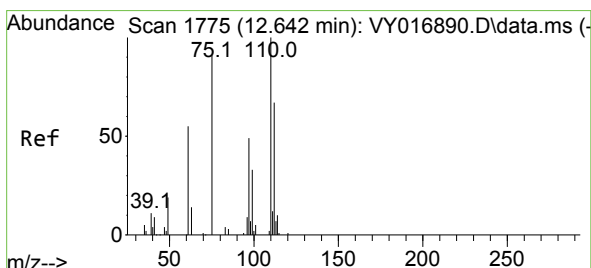
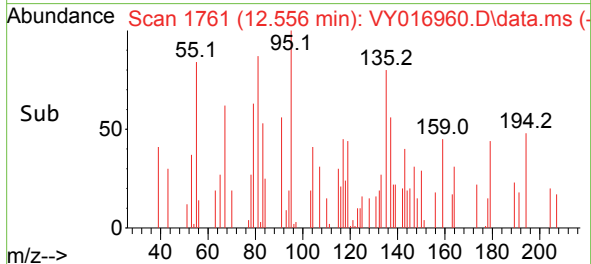
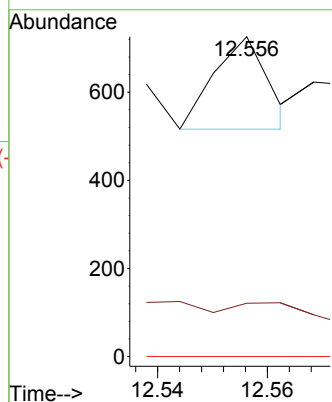
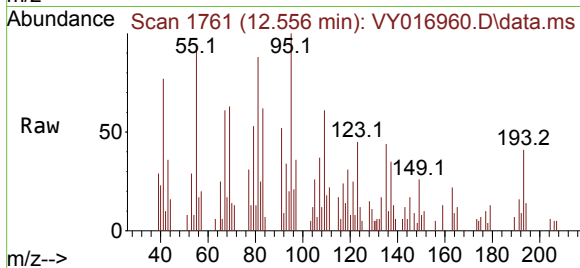
Tgt Ion: 83 Resp: 144

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 0.0 32.6 98.0#



#76

1,2,3-Trichloropropane

Concen: 42.626 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016960.D

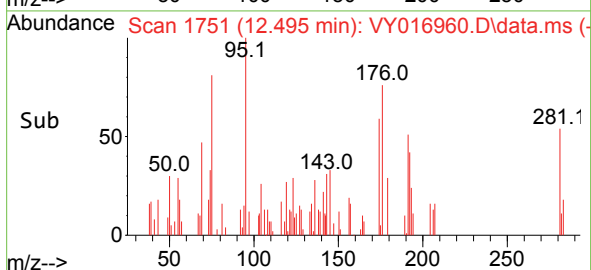
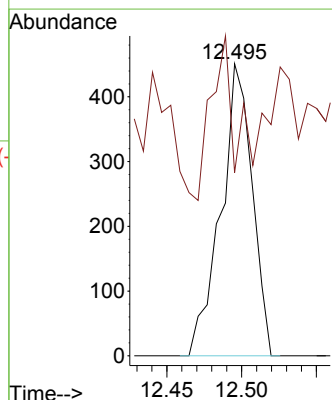
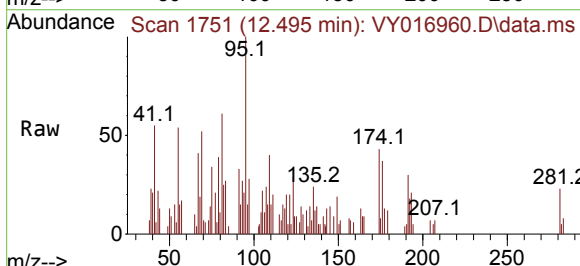
Acq: 09 Jan 2024 19:41

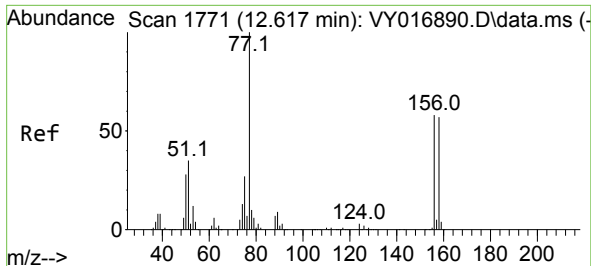
Tgt Ion: 75 Resp: 655

Ion Ratio Lower Upper

75 100

77 46.0 0.0 0.0#

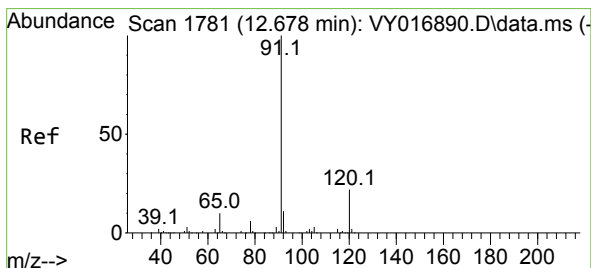
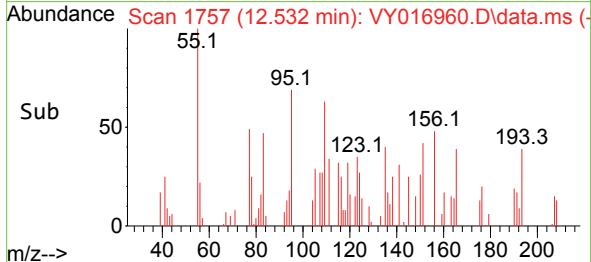
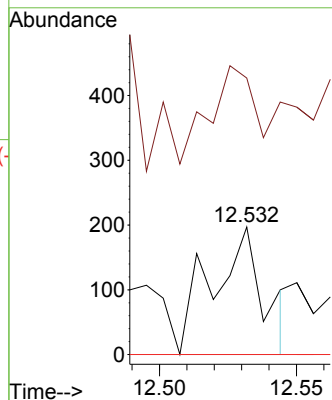
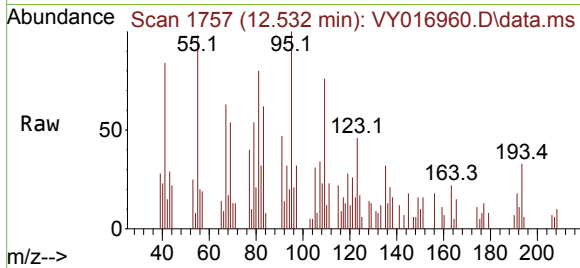




#77
Bromobenzene
Concen: 10.213 ug/l
RT: 12.532 min Scan# 1757
Delta R.T. -0.085 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

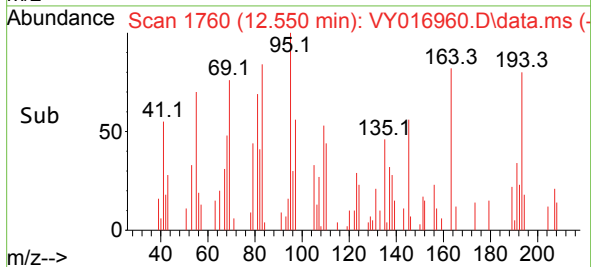
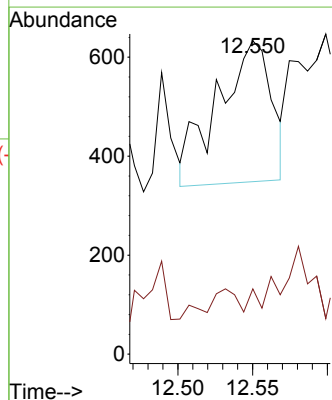
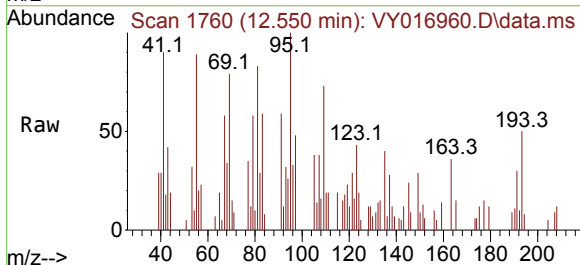
Instrument :
MSVOA_Y
ClientSampleId :

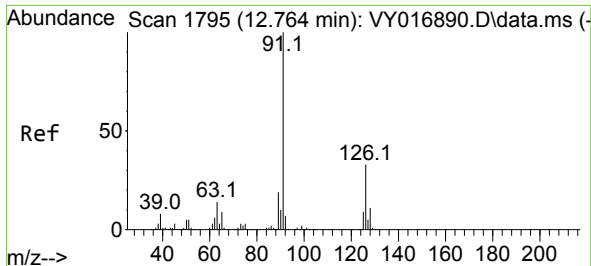
Tgt Ion:156 Resp: 260
Ion Ratio Lower Upper
156 100
77 66.2 97.3 291.8#
158 0.0 48.4 145.0#



#78
n-propylbenzene
Concen: 5.086 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.128 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 91 Resp: 715
Ion Ratio Lower Upper
91 100
120 22.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 1.193 ug/l

RT: 13.013 min Scan# 1836

Delta R.T. 0.250 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

Instrument :

MSVOA_Y

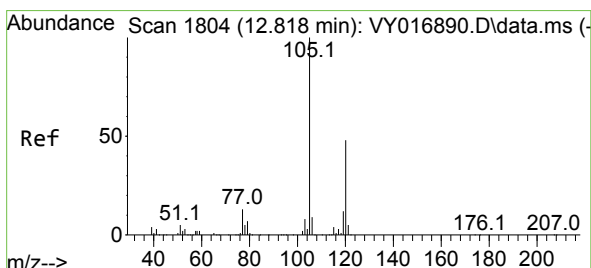
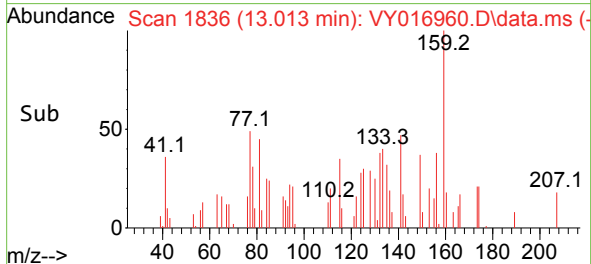
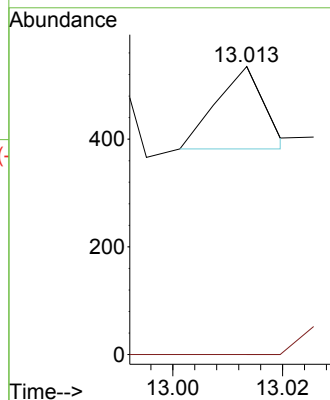
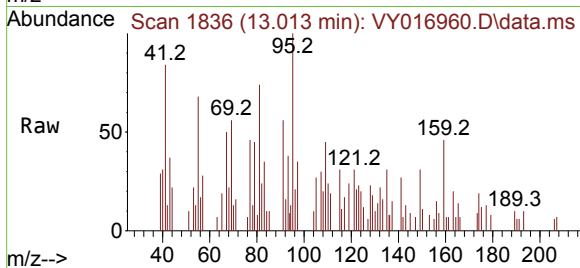
ClientSampleId :

Tgt Ion: 91 Resp: 93

Ion Ratio Lower Upper

91 100

126 47.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 1.640 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016960.D

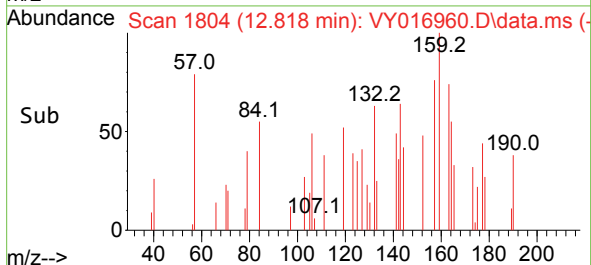
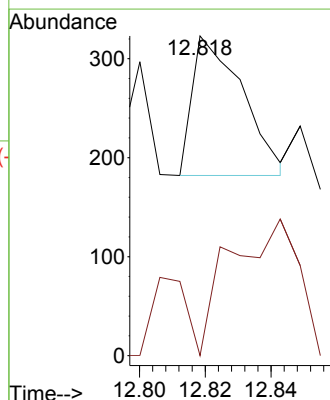
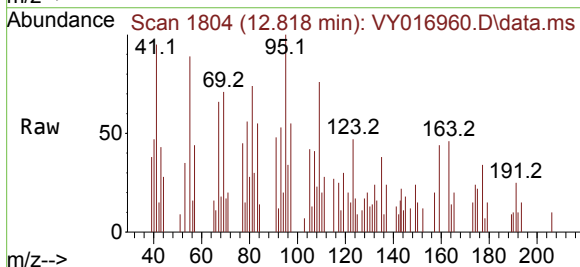
Acq: 09 Jan 2024 19:41

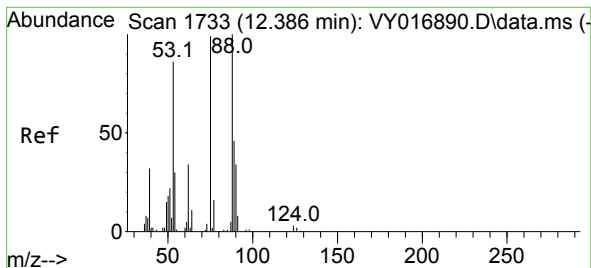
Tgt Ion: 105 Resp: 150

Ion Ratio Lower Upper

105 100

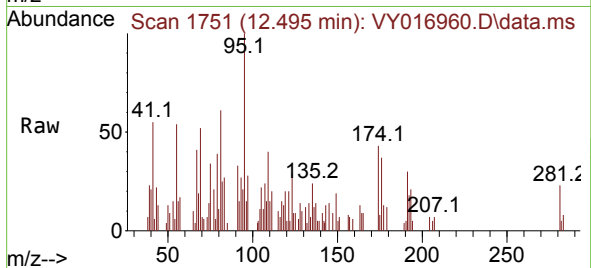
120 37.3 24.3 72.8



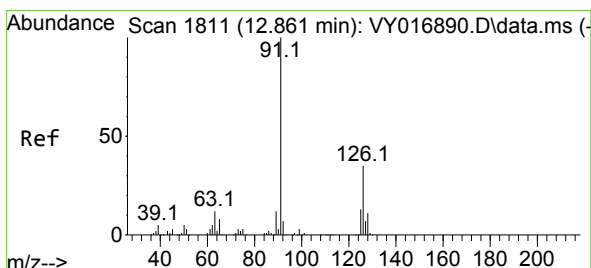
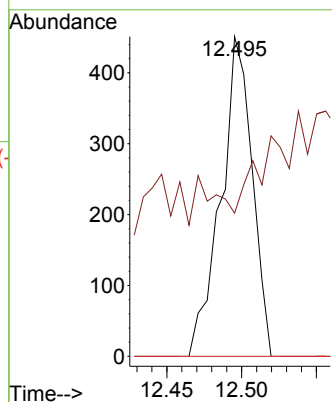
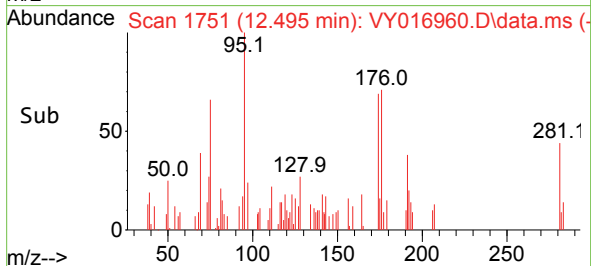


#81
trans-1,4-Dichloro-2-butene
Concen: 96.793 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Instrument :
MSVOA_Y
ClientSampleId :

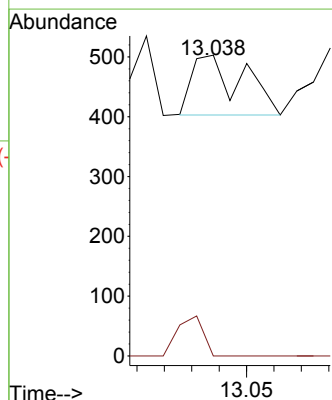
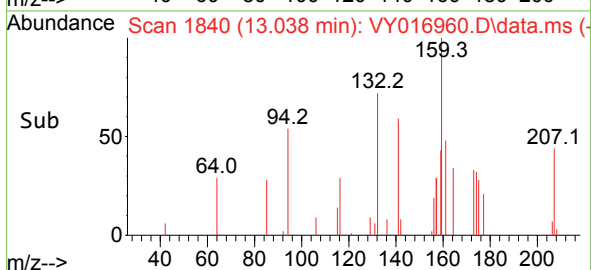
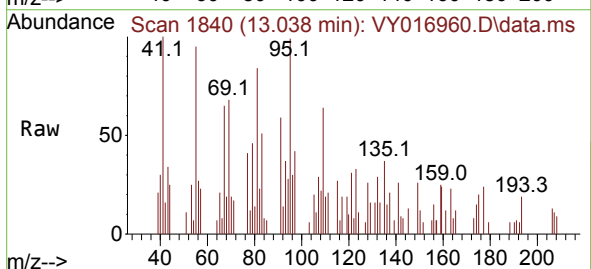


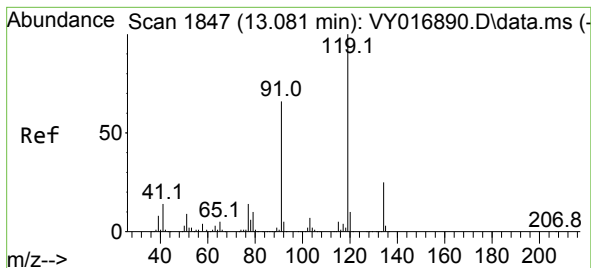
Tgt Ion: 75 Resp: 655
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#82
4-Chlorotoluene
Concen: 1.595 ug/l
RT: 13.038 min Scan# 1840
Delta R.T. 0.177 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

Tgt Ion: 91 Resp: 127
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 1.664 ug/l

RT: 12.928 min Scan# 1822

Delta R.T. -0.159 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

Instrument :

MSVOA_Y

ClientSampleId :

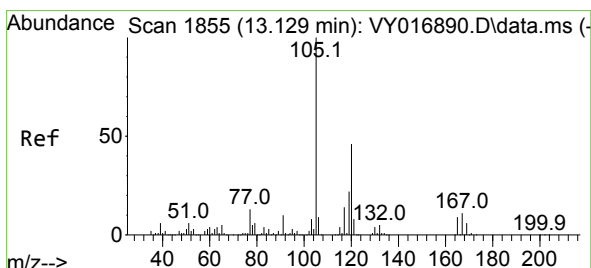
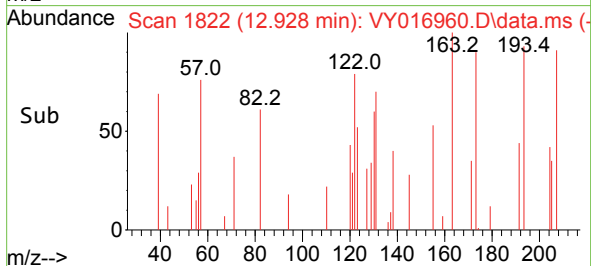
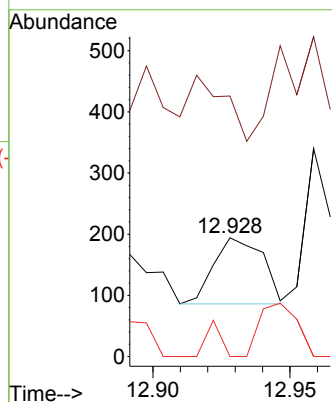
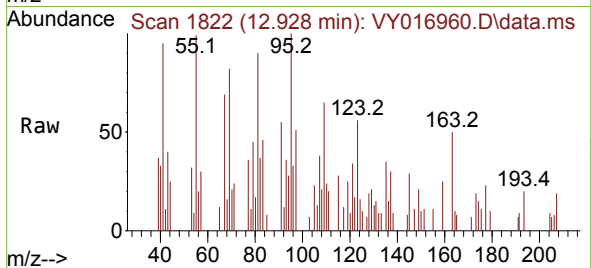
Tgt Ion:119 Resp: 134

Ion Ratio Lower Upper

119 100

91 75.4 31.5 94.5

134 16.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 2.476 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VY016960.D

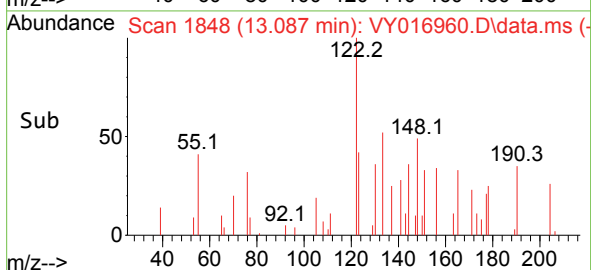
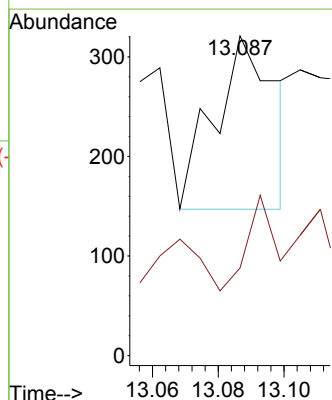
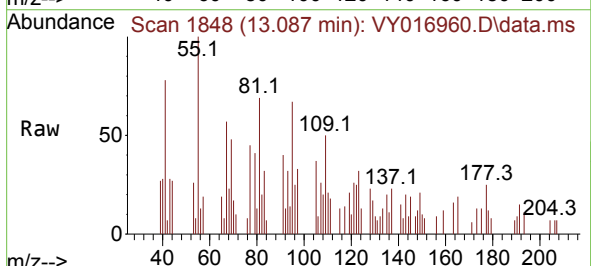
Acq: 09 Jan 2024 19:41

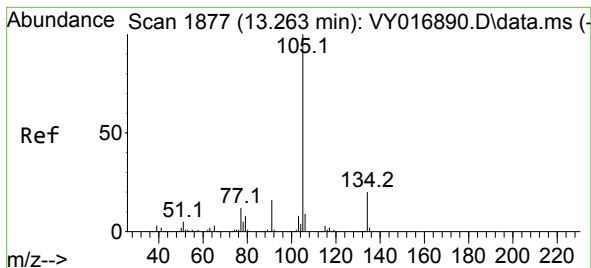
Tgt Ion:105 Resp: 223

Ion Ratio Lower Upper

105 100

120 33.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 1.223 ug/l

RT: 13.032 min Scan# 1839

Delta R.T. -0.231 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

Instrument :

MSVOA_Y

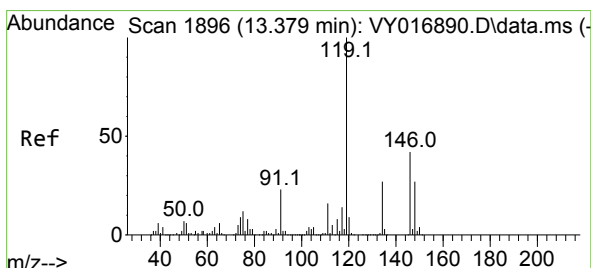
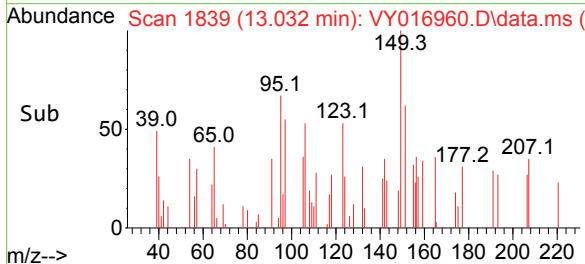
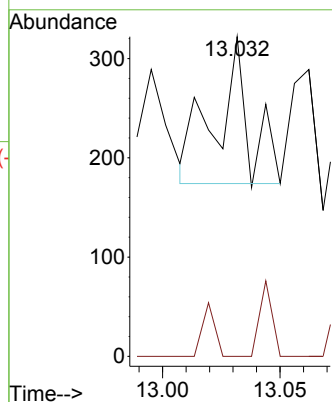
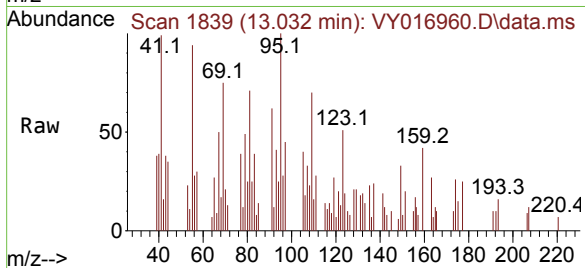
ClientSampleId :

Tgt Ion:105 Resp: 146

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 1.076 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

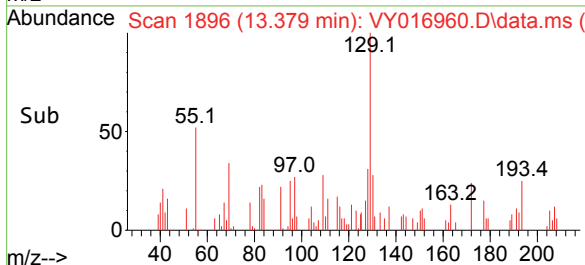
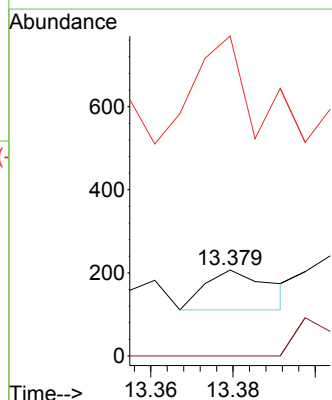
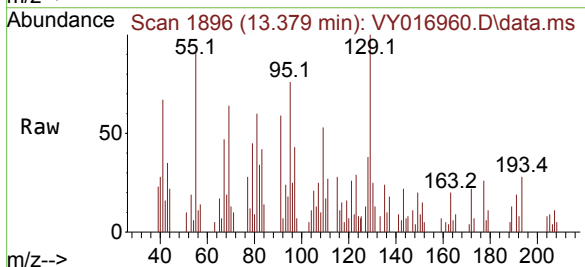
Tgt Ion:119 Resp: 106

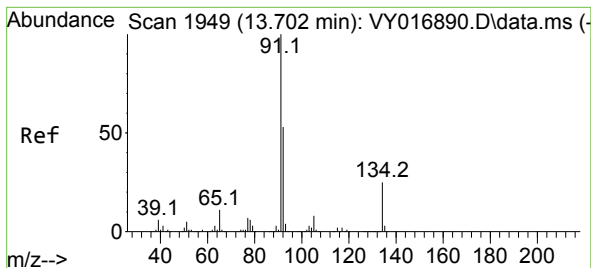
Ion Ratio Lower Upper

119 100

134 0.0 13.1 39.1#

91 454.7 11.7 35.0#





#89

n-Butylbenzene

Concen: 2.883 ug/l

RT: 13.593 min Scan# 1949

Delta R.T. -0.109 min

Lab File: VY016960.D

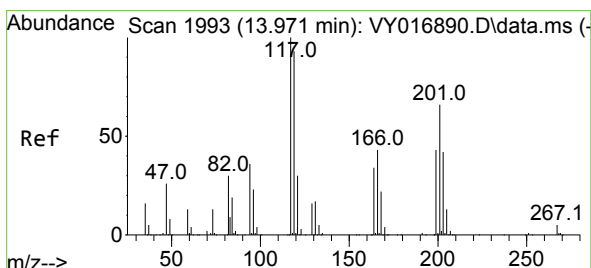
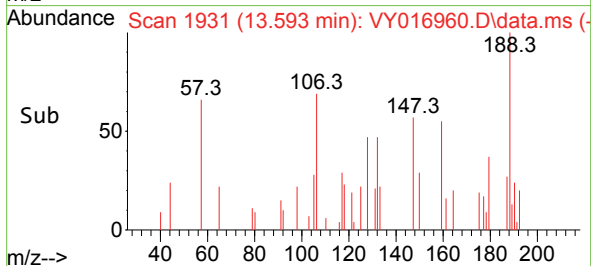
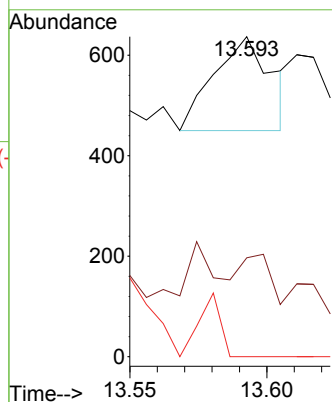
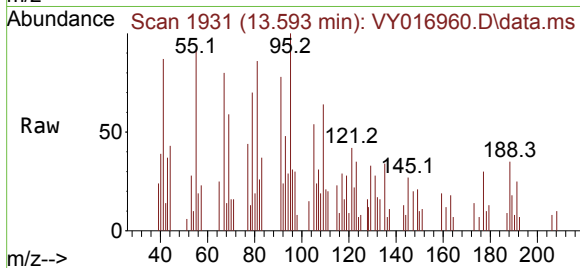
Acq: 09 Jan 2024 19:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp:	273
Ion Ratio	Lower	Upper
91	100	
92	27.5	26.4 79.2
134	25.3	12.3 36.8



#90

Hexachloroethane

Concen: 3.354 ug/l

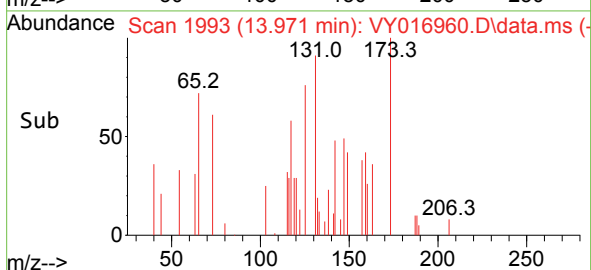
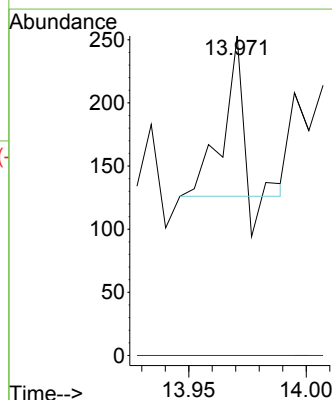
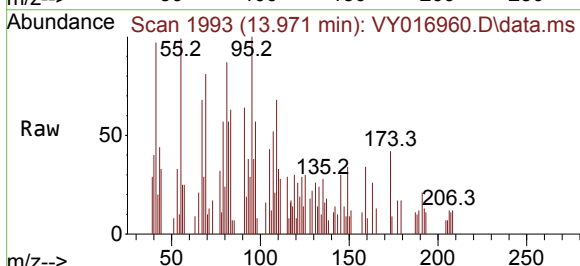
RT: 13.971 min Scan# 1993

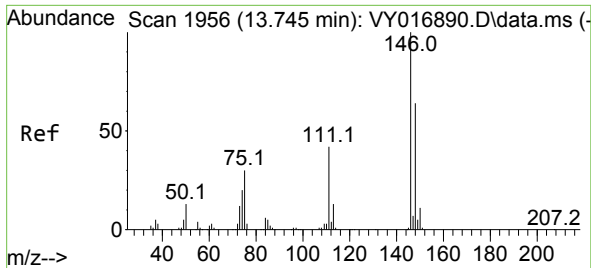
Delta R.T. -0.000 min

Lab File: VY016960.D

Acq: 09 Jan 2024 19:41

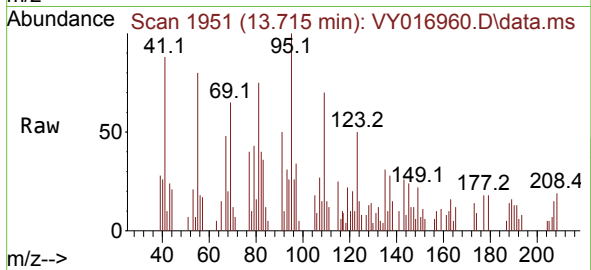
Tgt Ion: 117	Resp:	71
Ion Ratio	Lower	Upper
117	100	
201	0.0	33.4 100.1#



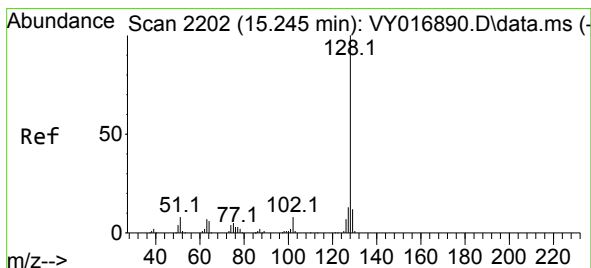
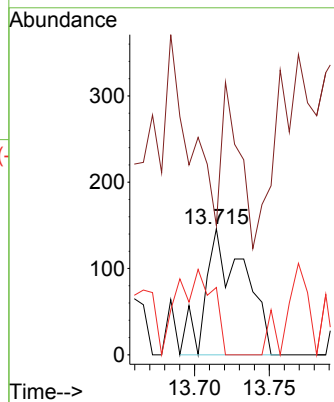
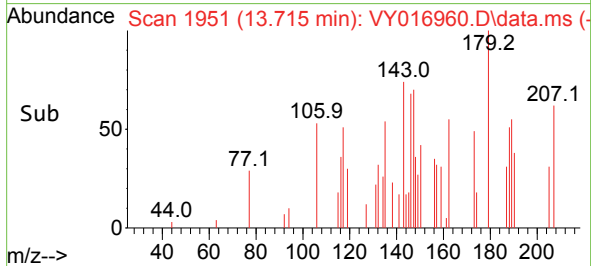


#91
1,2-Dichlorobenzene
Concen: 6.165 ug/l
RT: 13.715 min Scan# 1956
Delta R.T. -0.036 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41

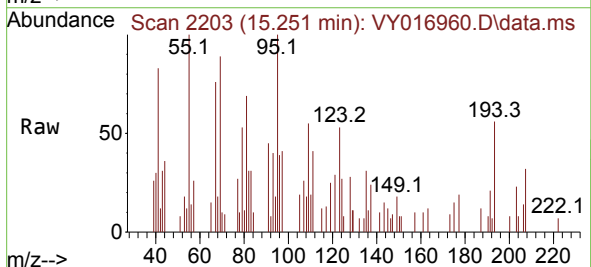
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:146 Resp: 266
Ion Ratio Lower Upper
146 100
111 57.5 20.5 61.6
148 61.3 31.4 94.3



#95
Naphthalene
Concen: 14.838 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016960.D
Acq: 09 Jan 2024 19:41



Tgt Ion:128 Resp: 520
Ion Ratio Lower Upper
128 100
127 4.4 10.2 15.4#
129 58.3 8.6 12.8#

