

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018560.D
 Acq On : 11 Jun 2024 16:24
 Operator : SY/MD
 Sample : P2786-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 12 03:02:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.771	168	1745	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.685	114	2977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	314	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1643	47.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.704	113	1369	36.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.520%
50) Toluene-d8	10.179	98	5241	34.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	69.800%
62) 4-Bromofluorobenzene	12.477	95	600	12.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	25.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.113	85	41	1.479	ug/l #	43
3) Chloromethane	2.107	50	304	5.882	ug/l	98
5) Bromomethane	2.674	94	389	9.432	ug/l #	78
6) Chloroethane	2.741	64	45	1.153	ug/l #	42
8) Diethyl Ether	3.692	74	94	4.884	ug/l #	8
10) Methyl Iodide	4.101	142	151	4.128	ug/l #	42
11) Tert butyl alcohol	4.948	59	121	Below Cal	#	9
12) 1,1-Dichloroethene	3.863	96	46	1.257	ug/l #	1
13) Acrolein	3.668	56	28	7.982	ug/l #	15
15) Acrylonitrile	5.168	53	82	9.317	ug/l #	18
16) Acetone	3.924	43	146	19.195	ug/l	90
18) Methyl Acetate	4.473	43	35	1.840	ug/l #	46
20) Methylene Chloride	4.674	84	87	Below Cal	#	81
25) 2-Butanone	6.978	43	67	5.750	ug/l #	41
28) Bromochloromethane	7.338	49	72	2.297	ug/l #	6
29) Tetrahydrofuran	7.338	42	42	5.550	ug/l #	26
30) Chloroform	7.533	83	83	1.215	ug/l #	17
31) Cyclohexane	7.789	56	142	2.222	ug/l #	11
37) Ethyl Acetate	6.978	43	67	2.330	ug/l #	67
38) Carbon Tetrachloride	7.783	117	180	3.121	ug/l #	13
41) Methacrylonitrile	7.295	41	147	10.510	ug/l #	28
42) 1,2-Dichloroethane	8.124	62	45	1.073	ug/l #	71
43) Isopropyl Acetate	8.289	43	95	1.767	ug/l #	79
46) Dibromomethane	9.331	93	53	2.344	ug/l #	45
48) Methyl methacrylate	9.283	41	86	3.476	ug/l #	1
49) 1,4-Dioxane	9.374	88	34	114.492	ug/l #	20
51) 4-Methyl-2-Pentanone	10.167	43	187	6.698	ug/l	92
56) Ethyl methacrylate	10.538	69	43	1.039	ug/l #	1
57) 1,3-Dichloropropane	10.874	76	86	1.722	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.746	63	76	3.418	ug/l #	45
59) 2-Hexanone	10.868	43	80	4.147	ug/l	87
66) 1,1,1,2-Tetrachloroethane	11.648	131	44	1.672	ug/l #	8
68) m/p-Xylenes	11.715	106	57	1.022	ug/l #	1
74) N-amyl acetate	12.117	43	115	14.581	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.556	83	20	3.506	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	378	97.082	ug/l #	100

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

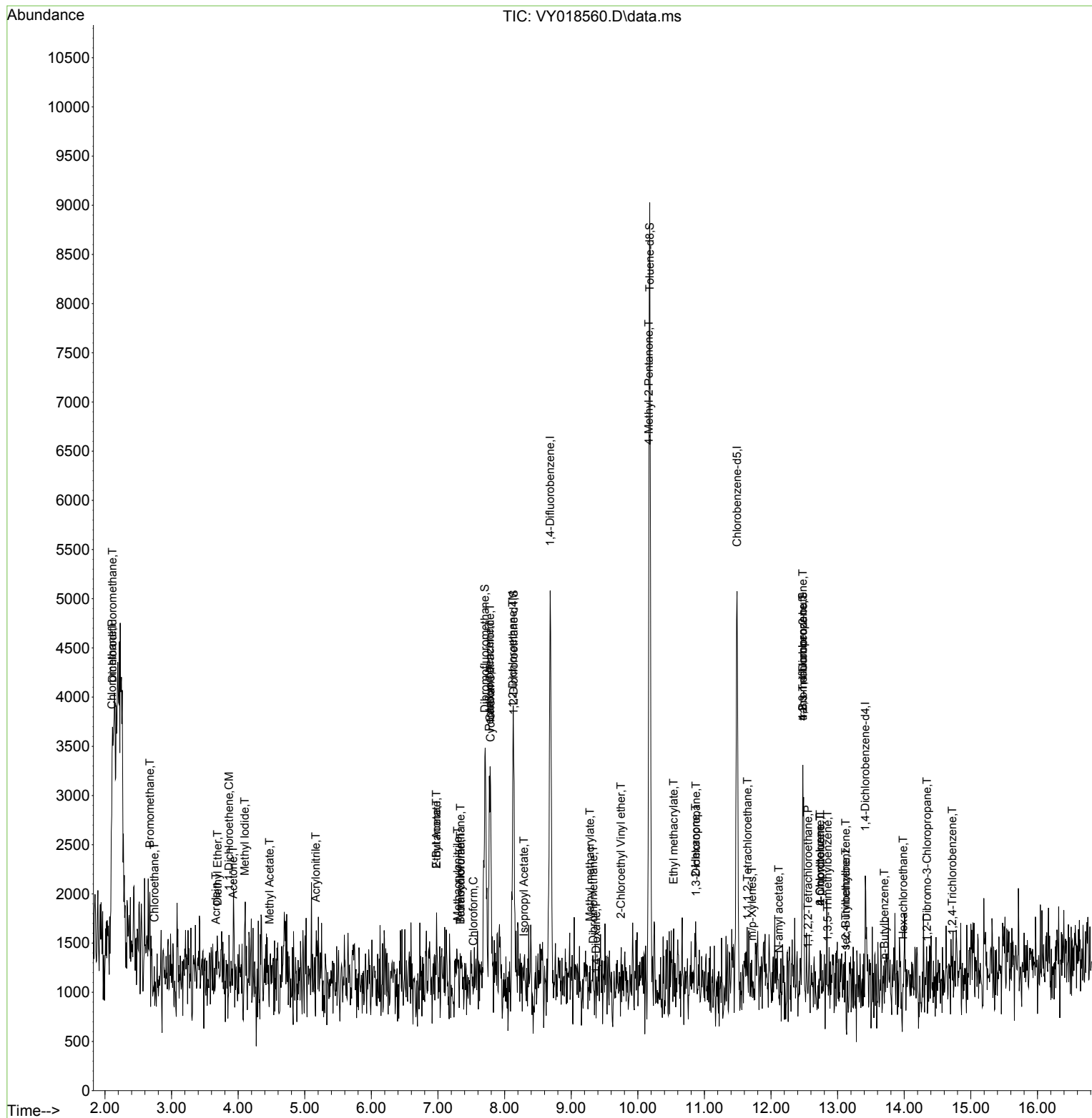
78) n-propylbenzene	12.739	91	125	3.214	ug/l #	53
79) 2-Chlorotoluene	12.739	91	125	5.912	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.849	105	56	2.219	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.477	75	378	203.962	ug/l #	22
82) 4-Chlorotoluene	12.739	91	125	5.875	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.123	105	91	3.683	ug/l #	30
85) sec-Butylbenzene	13.123	105	91	2.648	ug/l #	56
89) n-Butylbenzene	13.703	91	29	1.100	ug/l #	1
90) Hexachloroethane	13.983	117	19	3.655	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.343	75	61	70.278	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.721	180	19	2.975	ug/l #	12

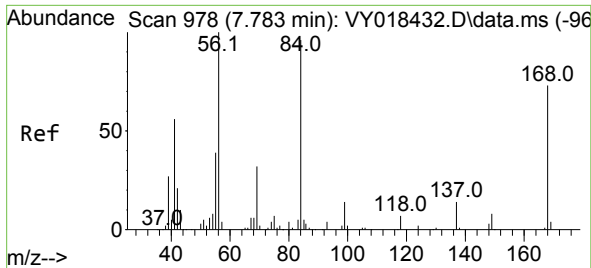
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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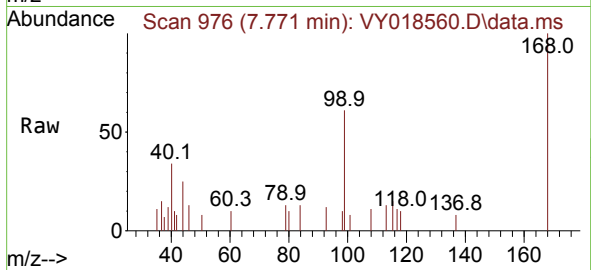
Quant Time: Jun 12 03:02:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
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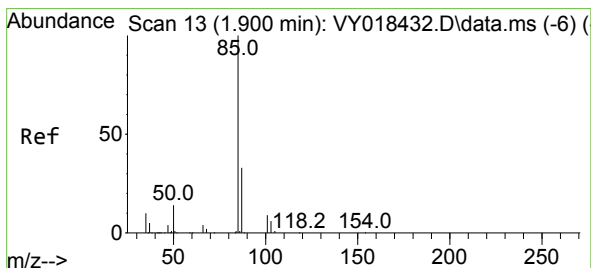
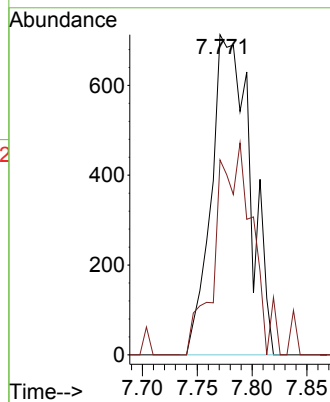
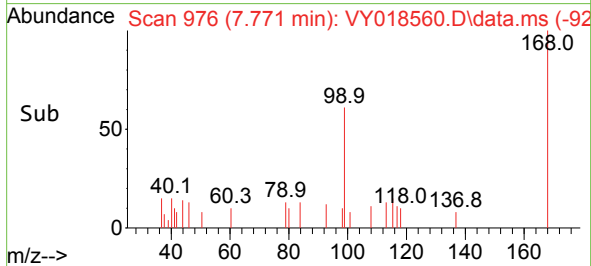


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

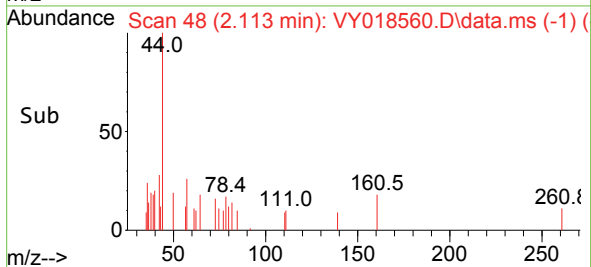
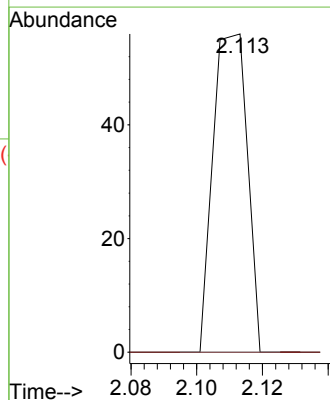
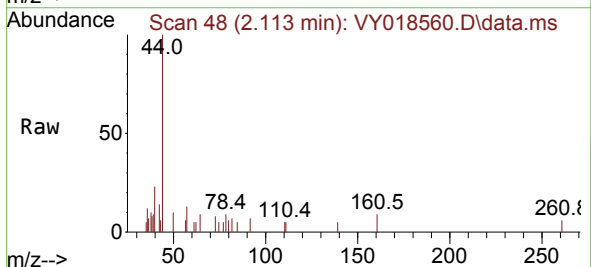


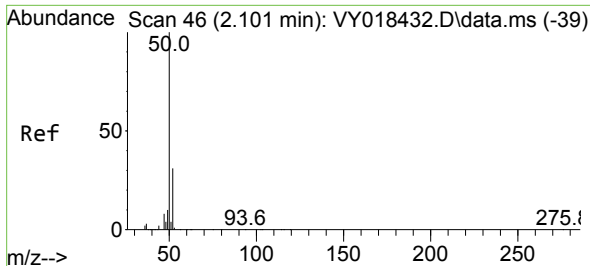
Tgt Ion:168 Resp: 1745
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 1.479 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.213 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion: 85 Resp: 41
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

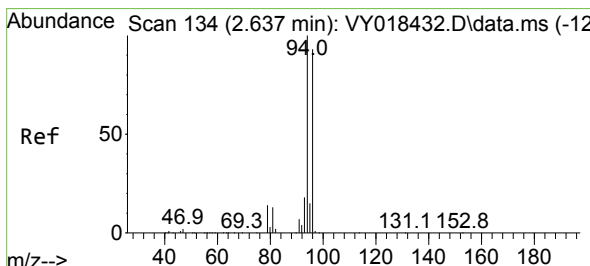
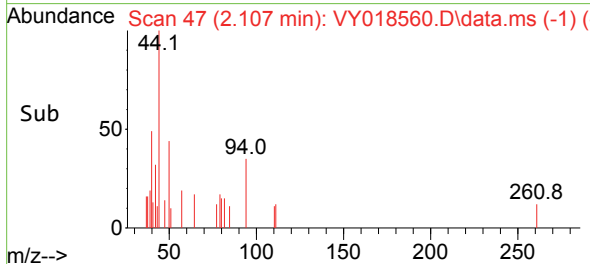
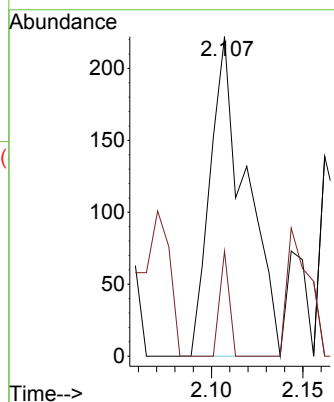
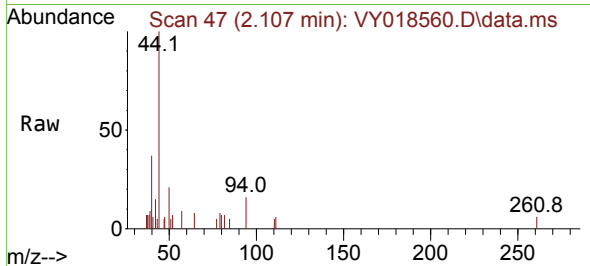




#3
Chloromethane
Concen: 5.882 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

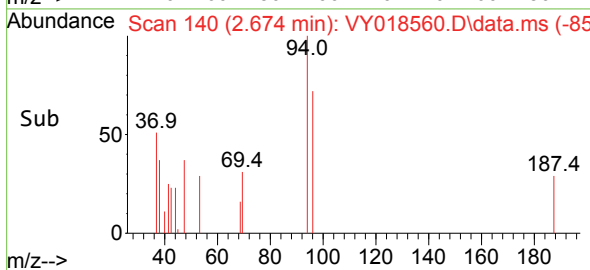
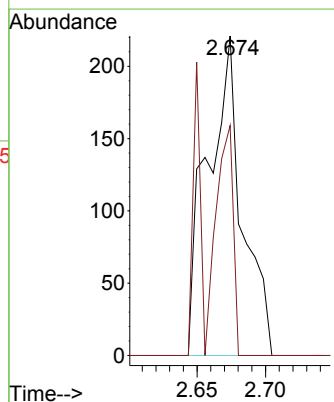
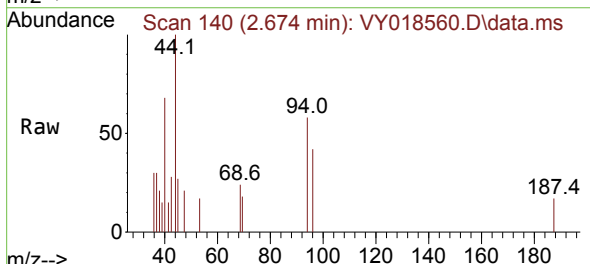
Instrument :
MSVOA_Y
ClientSampleId :

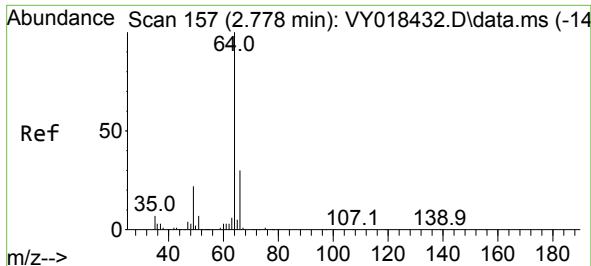
Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#5
Bromomethane
Concen: 9.432 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.037 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 71.9 74.1 111.1#

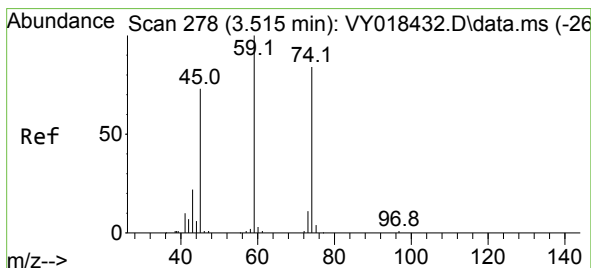
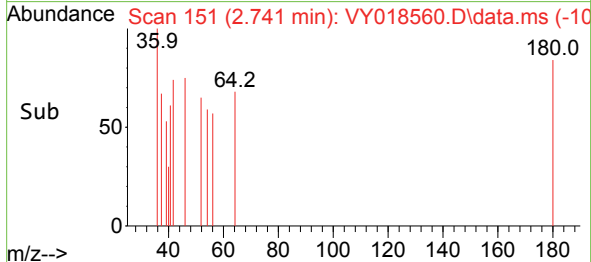
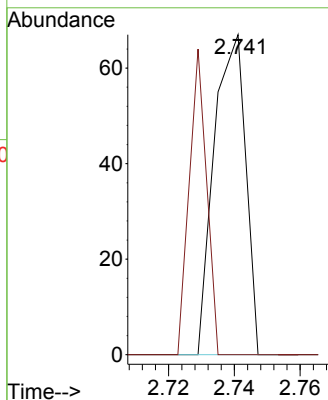
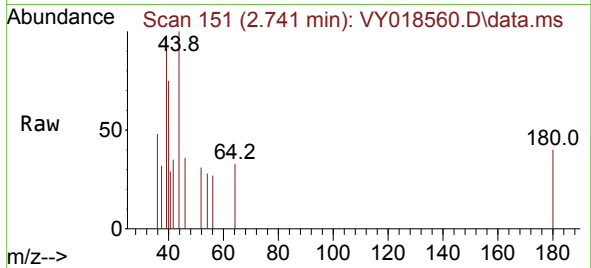




#6
Chloroethane
Concen: 1.153 ug/l
RT: 2.741 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

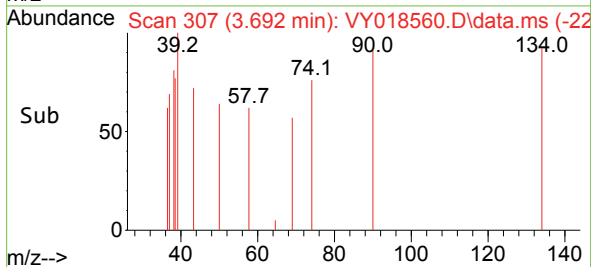
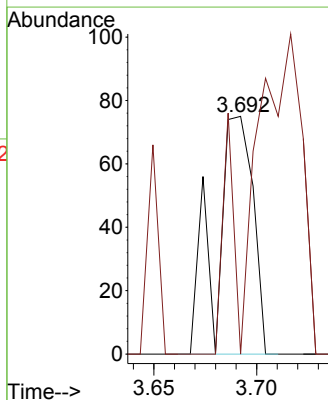
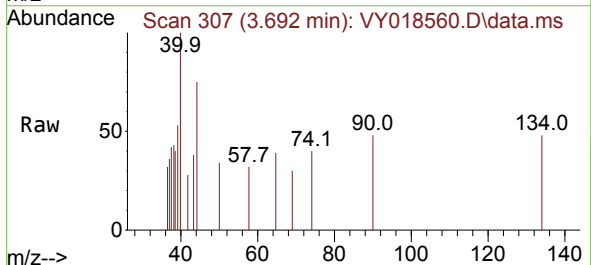
Instrument :
MSVOA_Y
ClientSampleId :

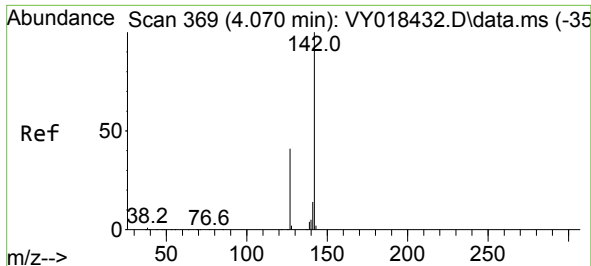
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 4.884 ug/l
RT: 3.692 min Scan# 307
Delta R.T. 0.177 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

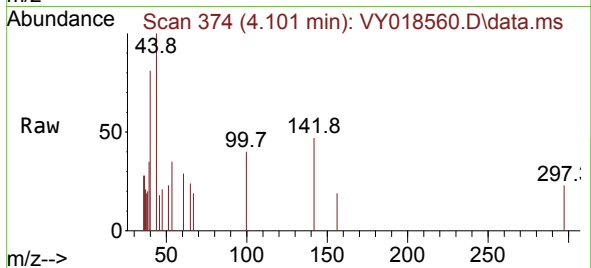
Tgt Ion: 74 Resp: 94
Ion Ratio Lower Upper
74 100
45 0.0 41.3 124.1#



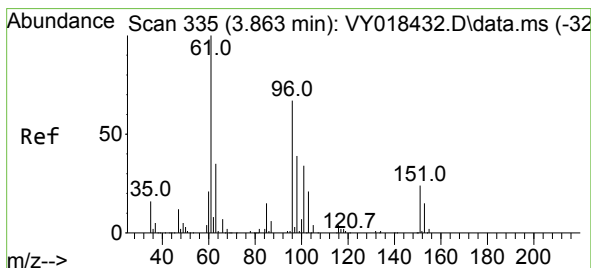
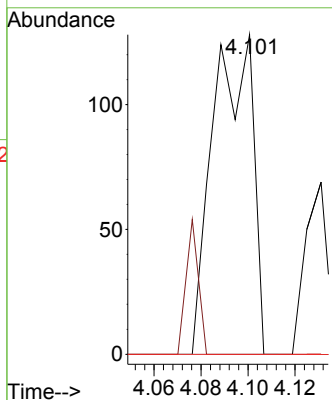
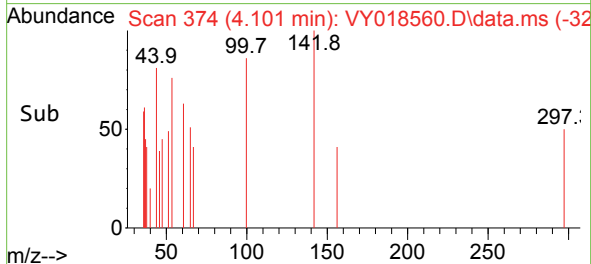


#10
Methyl Iodide
Concen: 4.128 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.031 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

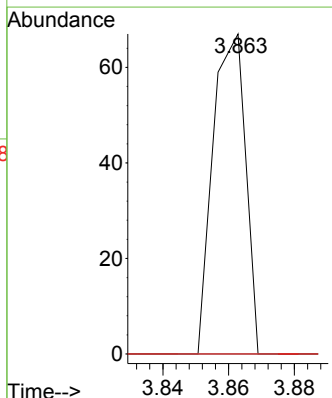
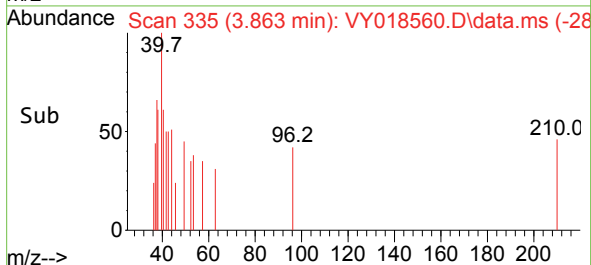
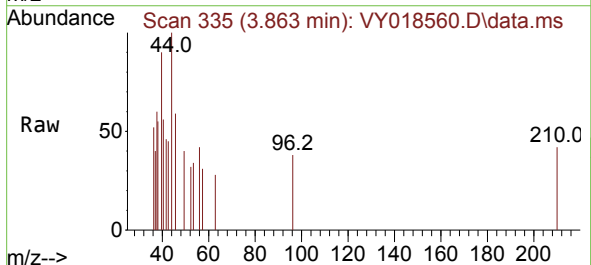


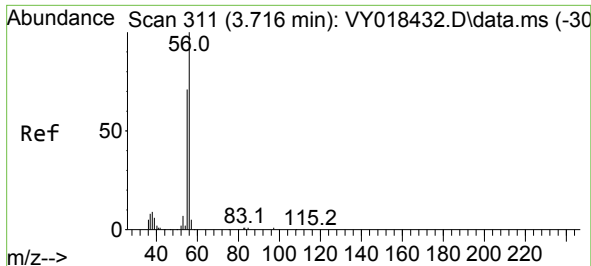
Tgt Ion:142 Resp: 151
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#12
1,1-Dichloroethene
Concen: 1.257 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion: 96 Resp: 46
Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 50.8 76.2#

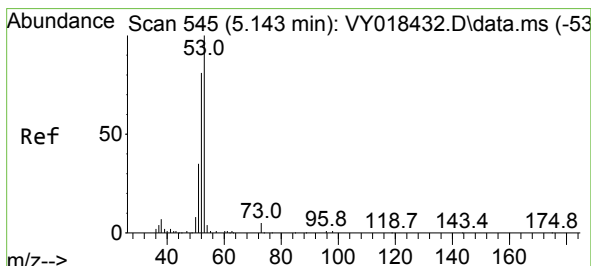
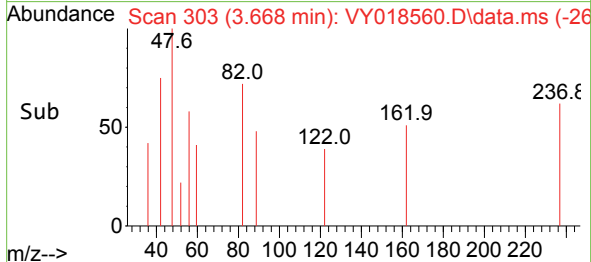
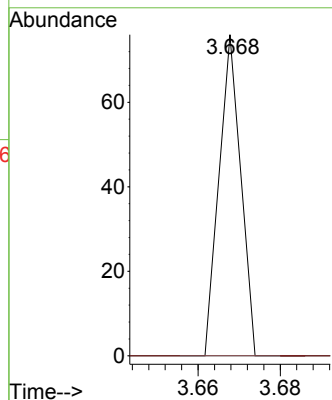
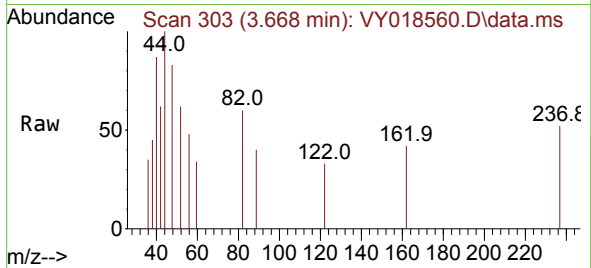




#13
Acrolein
Concen: 7.982 ug/l
RT: 3.668 min Scan# 303
Delta R.T. -0.048 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

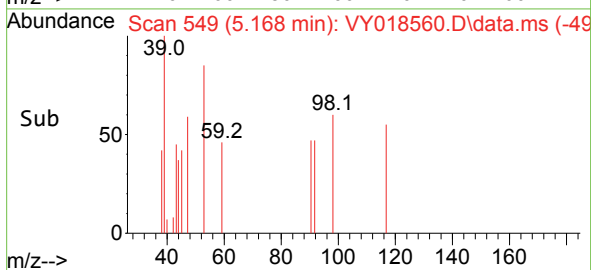
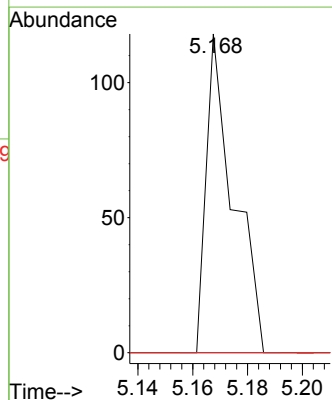
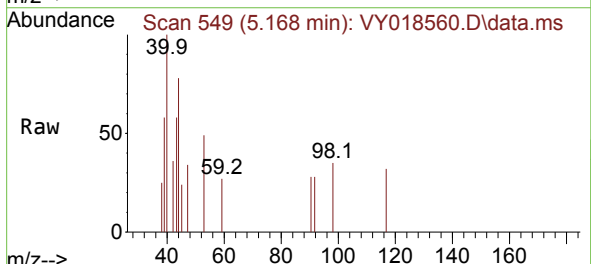
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MSVOA_Y
ClientSampleId :

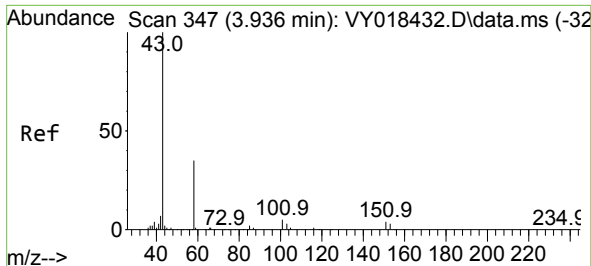
Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#15
Acrylonitrile
Concen: 9.317 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.024 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

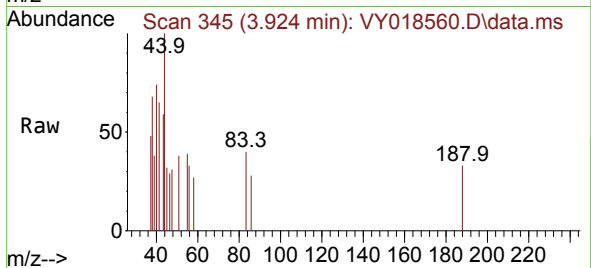
Tgt Ion: 53 Resp: 82
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#



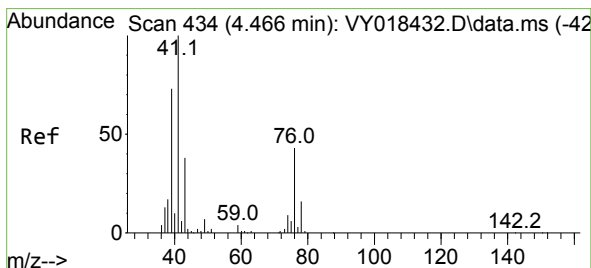
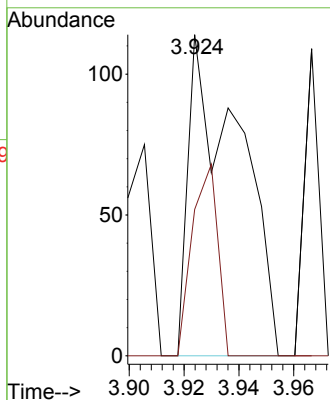
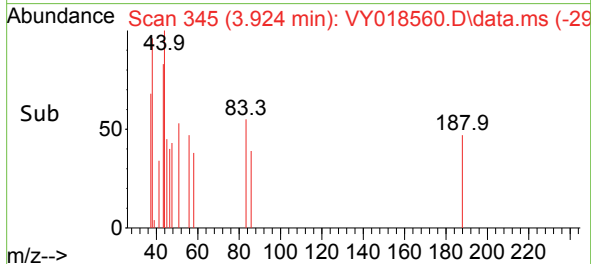


#16
Acetone
Concen: 19.195 ug/l
RT: 3.924 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

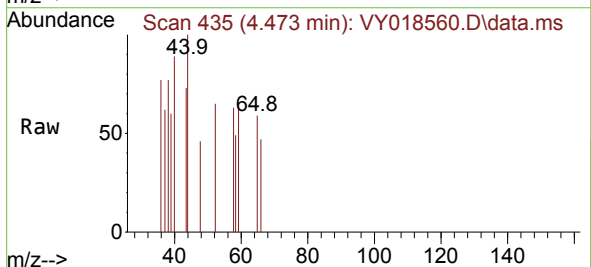
Instrument :
MSVOA_Y
ClientSampleId :



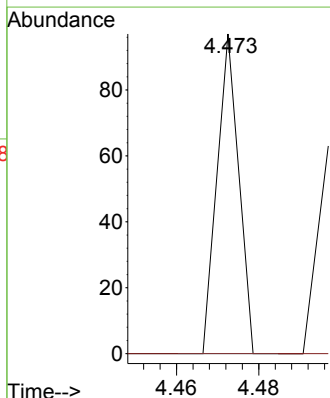
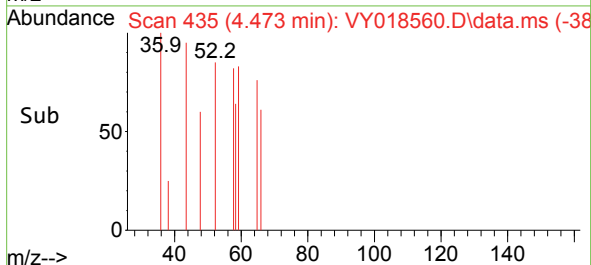
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Ion Ratio Lower Upper
43 100
58 45.6 31.7 47.5

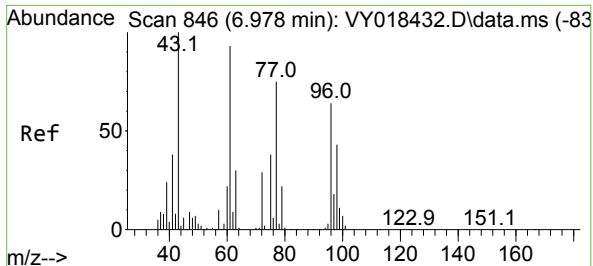


#18
Methyl Acetate
Concen: 1.840 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24



Tgt Ion: 43 Resp: 35
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#

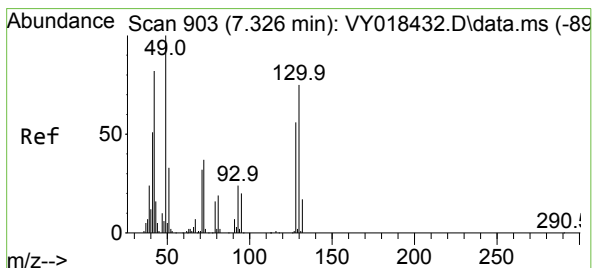
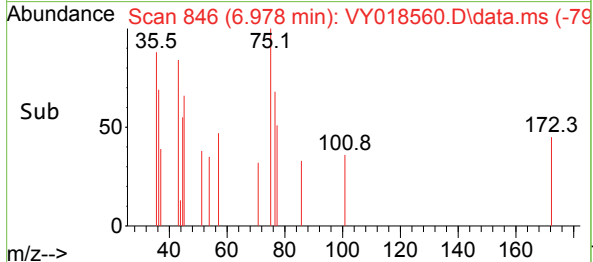
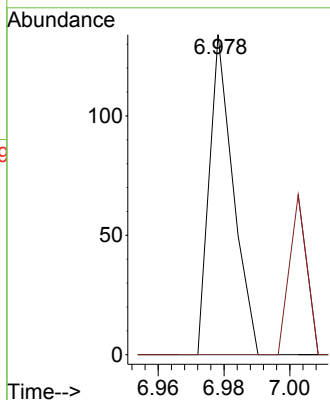
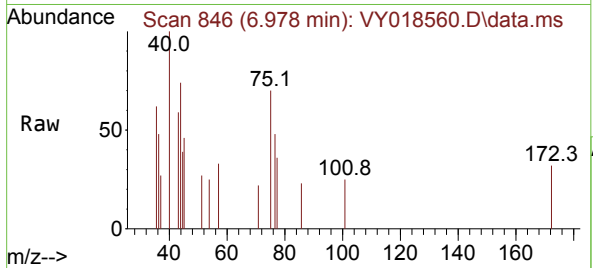




#25
2-Butanone
Concen: 5.750 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

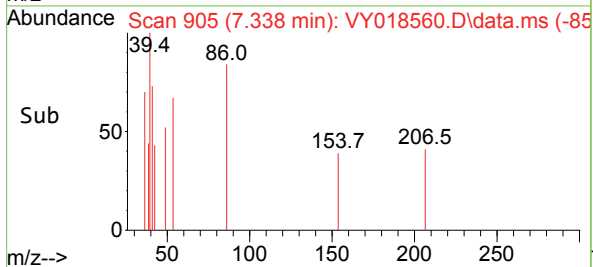
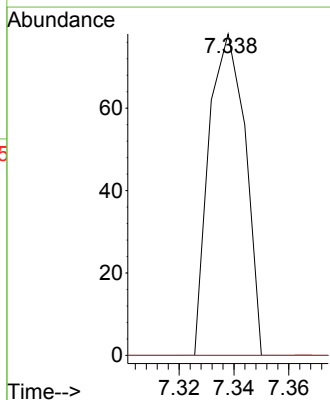
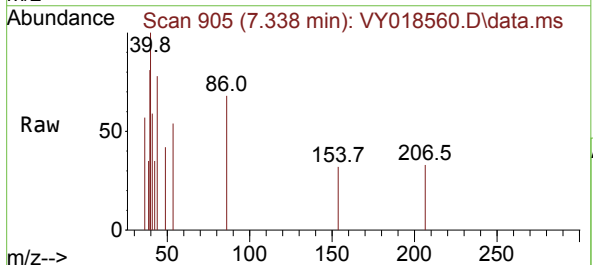
Instrument :
MSVOA_Y
ClientSampleId :

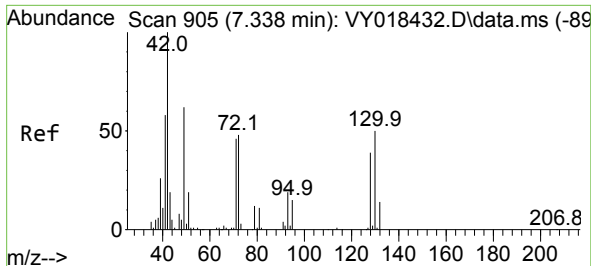
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#28
Bromochloromethane
Concen: 2.297 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

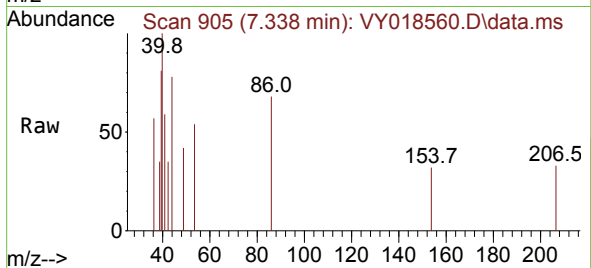
Tgt Ion: 49 Resp: 72
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#



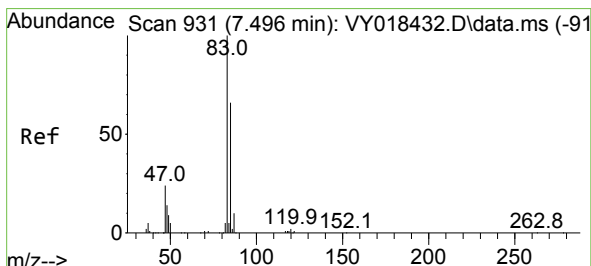
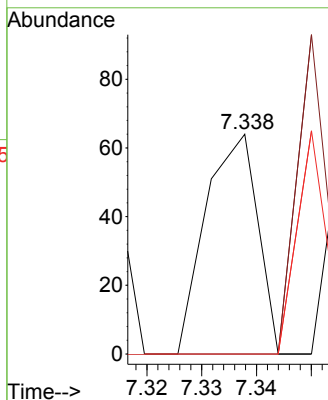
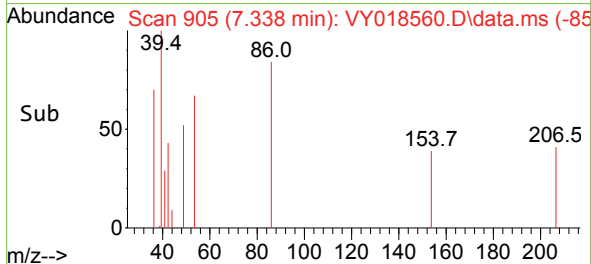


#29
Tetrahydrofuran
Concen: 5.550 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

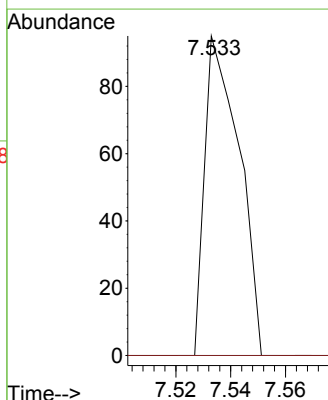
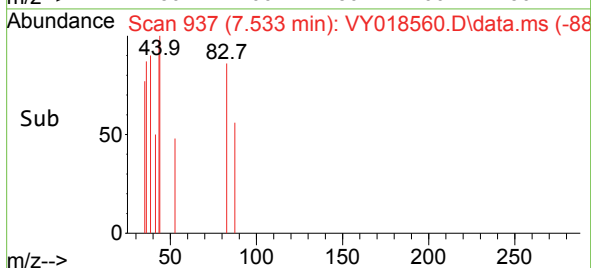
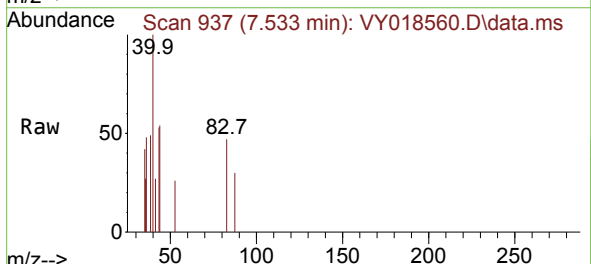


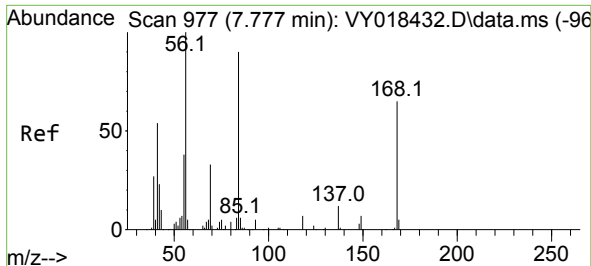
Tgt Ion: 42 Resp: 42
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#



#30
Chloroform
Concen: 1.215 ug/l
RT: 7.533 min Scan# 937
Delta R.T. 0.037 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

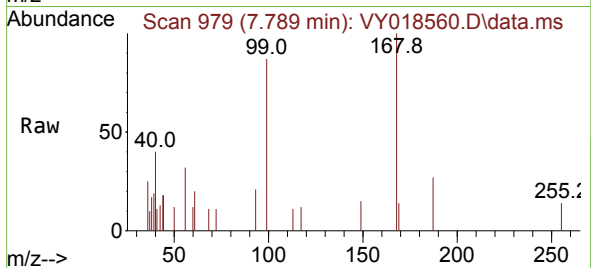
Tgt Ion: 83 Resp: 83
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



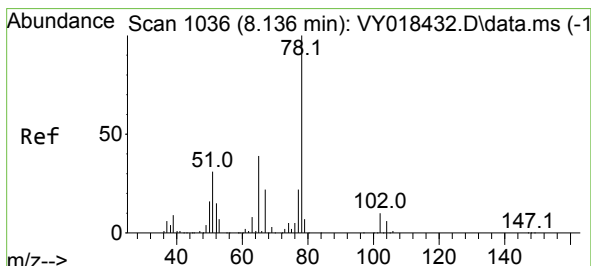
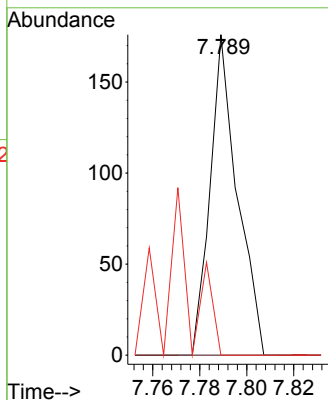
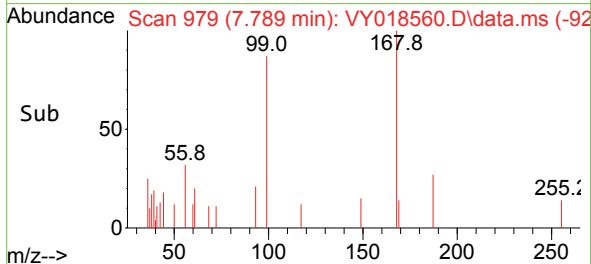


#31
Cyclohexane
Concen: 2.222 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

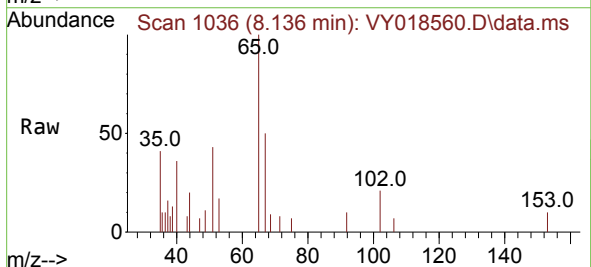
Instrument :
MSVOA_Y
ClientSampleId :



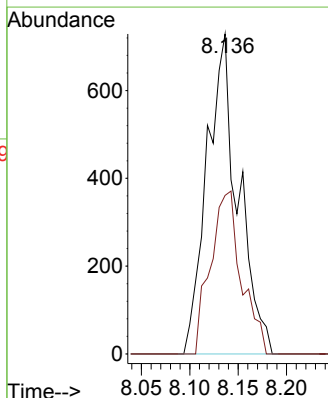
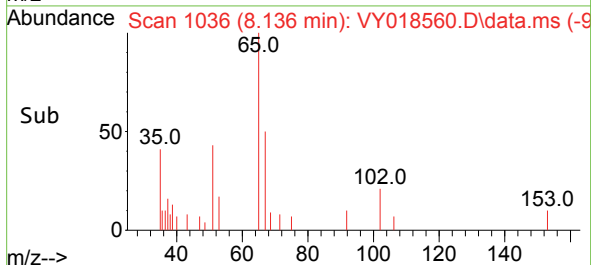
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 0.0 77.7 116.5#

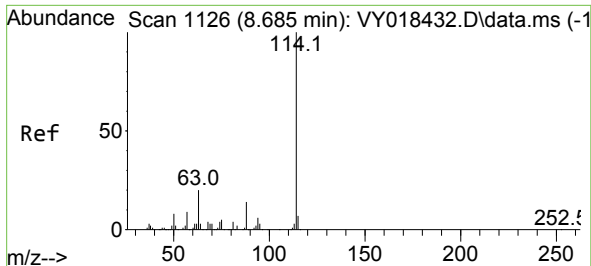


#33
1,2-Dichloroethane-d4
Concen: 47.944 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24



Tgt Ion: 65 Resp: 1643
Ion Ratio Lower Upper
65 100
67 50.1 0.0 109.6

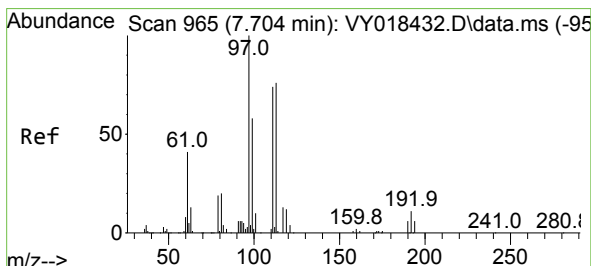
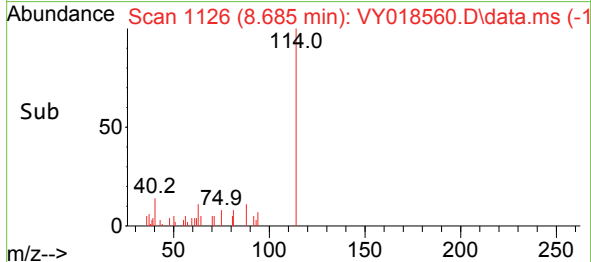
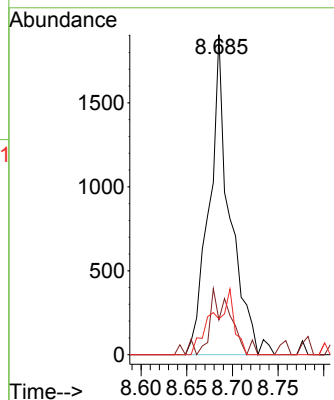
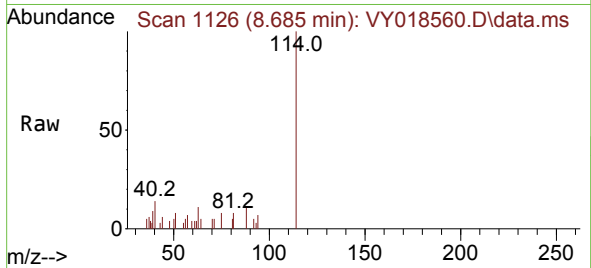




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

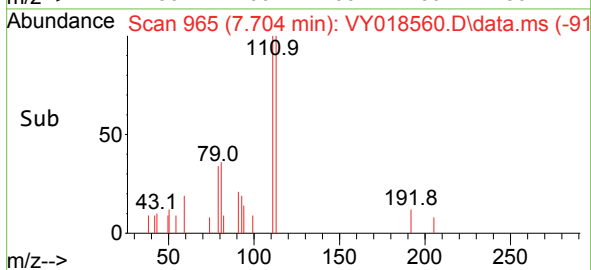
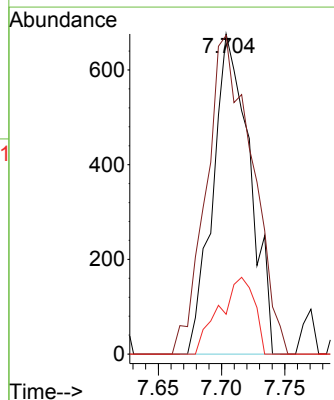
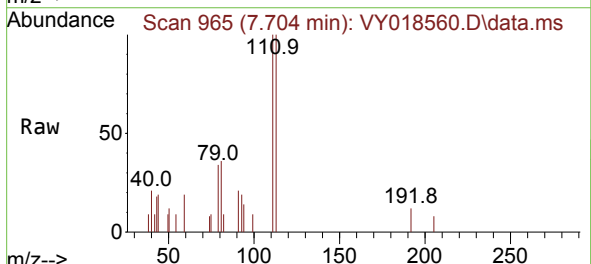
Instrument :
MSVOA_Y
ClientSampleId :

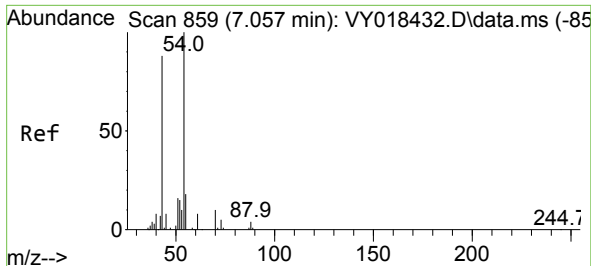
Tgt Ion	Ratio	Lower	Upper
114	100		
63	7.9	0.0	35.0
88	11.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 36.265 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	124.4	82.2	123.4#
192	22.9	15.9	23.9





#37

Ethyl Acetate

Concen: 2.330 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.079 min

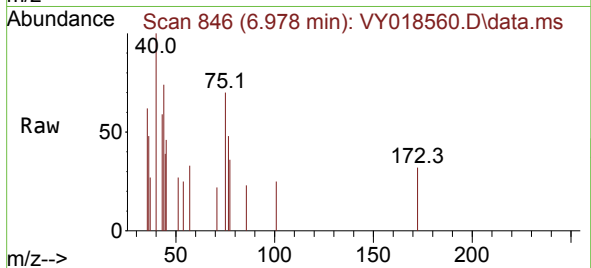
Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

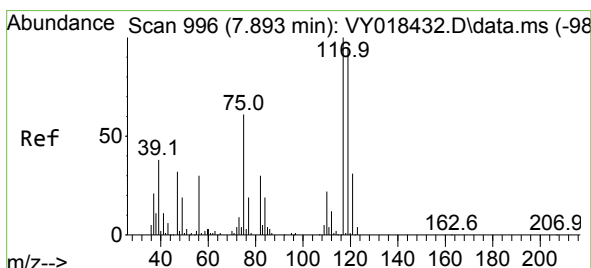
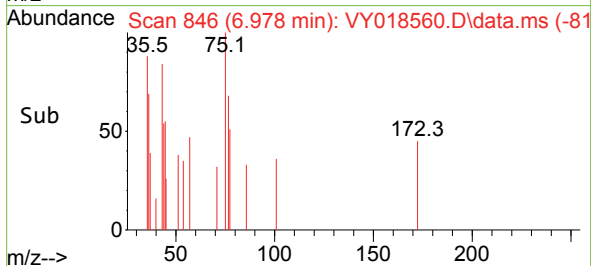
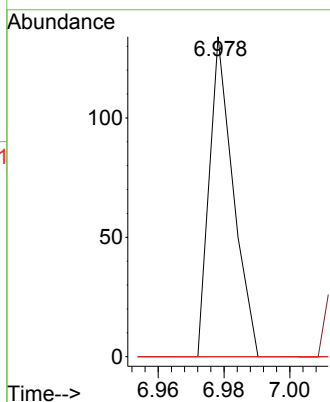
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	67
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 3.121 ug/l

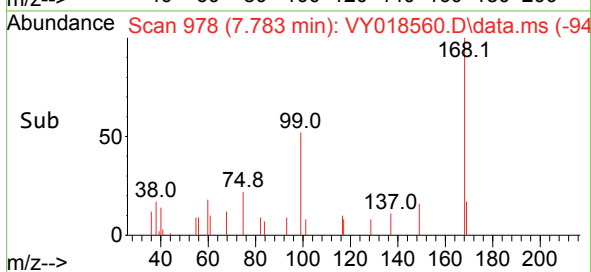
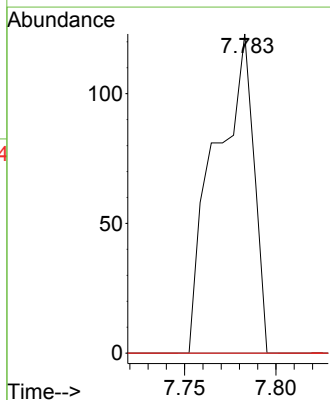
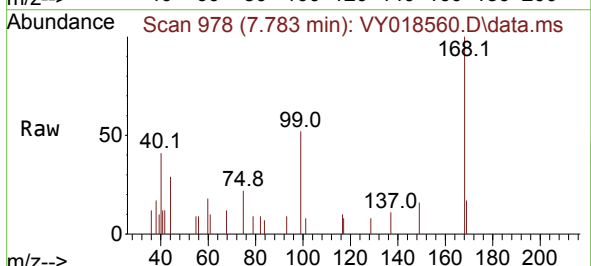
RT: 7.783 min Scan# 978

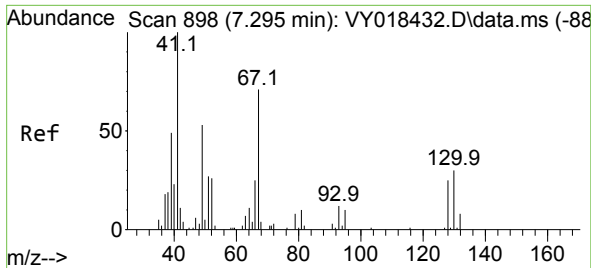
Delta R.T. -0.110 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

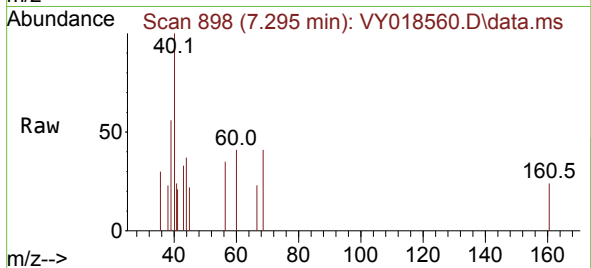
Tgt Ion:	117	Resp:	180
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.0	36.0#



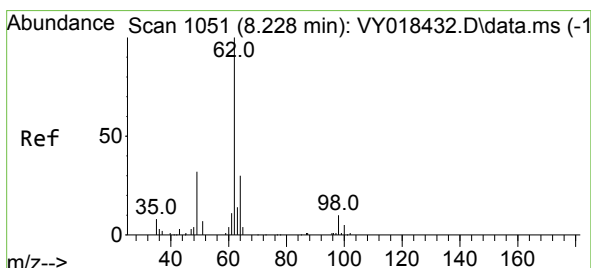
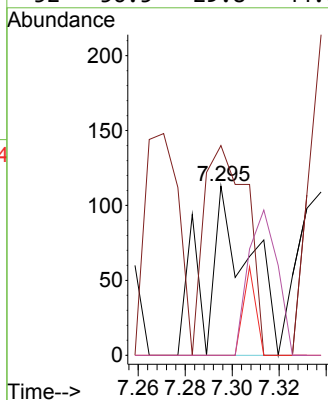
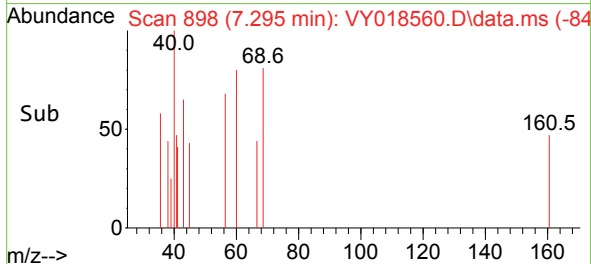


#41
Methacrylonitrile
Concen: 10.510 ug/l
RT: 7.295 min Scan# 898
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

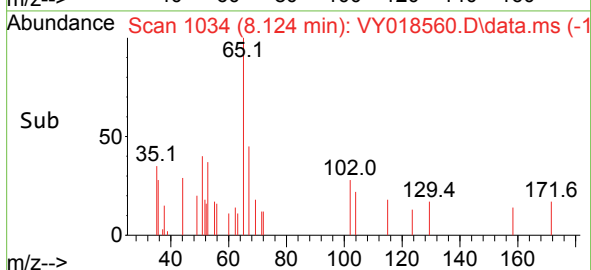
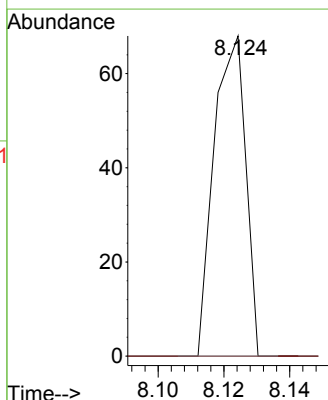
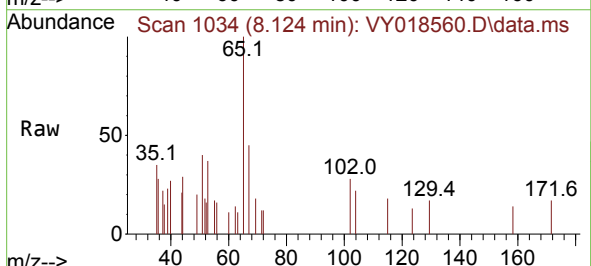


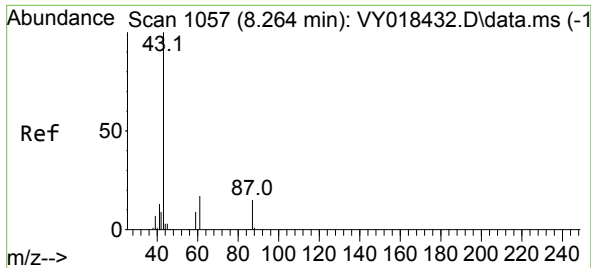
Tgt Ion:	41	Resp:	147
Ion	Ratio	Lower	Upper
41	100		
39	121.8	48.0	72.0#
67	15.0	75.1	112.7#
52	56.5	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 1.073 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.104 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

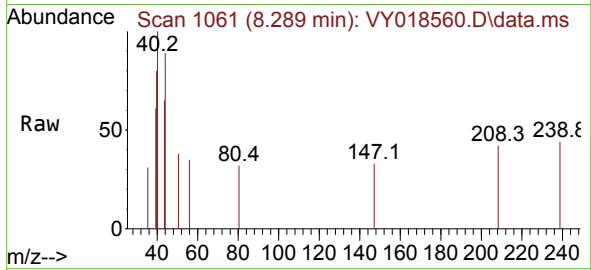
Tgt Ion:	62	Resp:	45
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.0



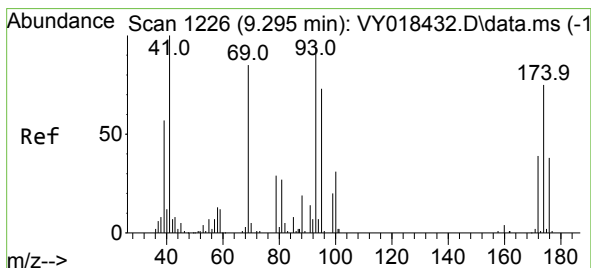
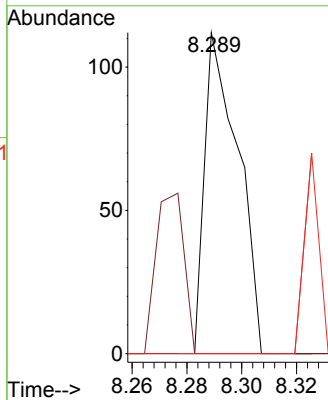
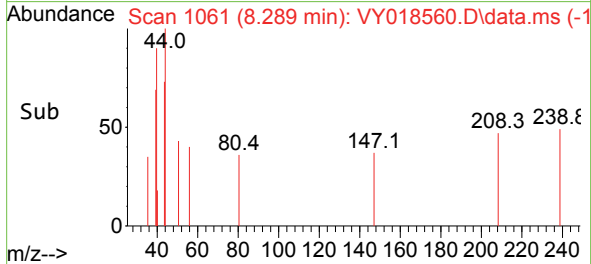


#43
Isopropyl Acetate
Concen: 1.767 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.024 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

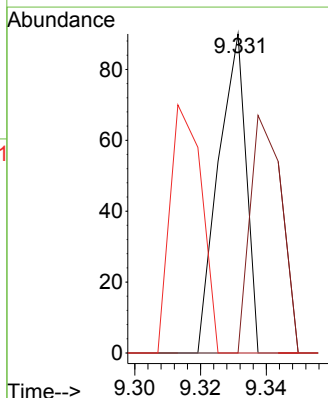
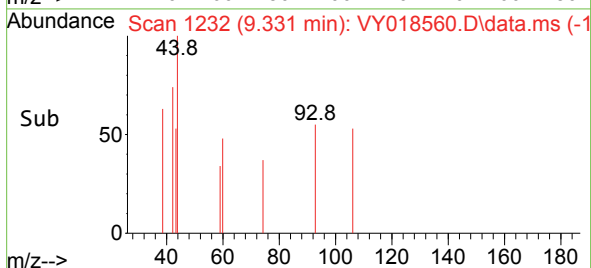
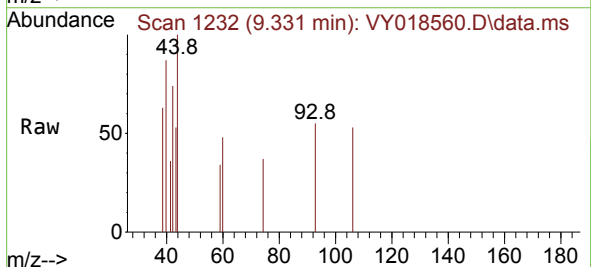


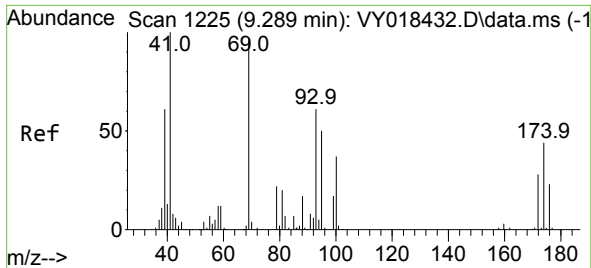
Tgt Ion: 43 Resp: 95
Ion Ratio Lower Upper
43 100
61 42.1 27.9 41.9#
87 0.0 13.1 19.7#



#46
Dibromomethane
Concen: 2.344 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.037 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

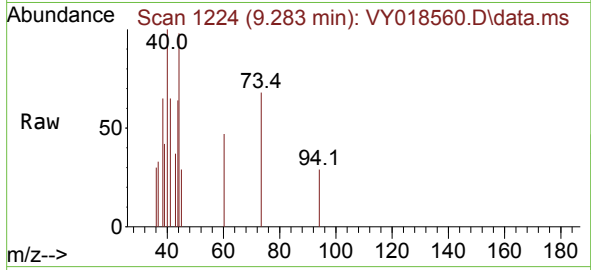
Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
95 83.0 66.2 99.4
174 0.0 80.9 121.3#



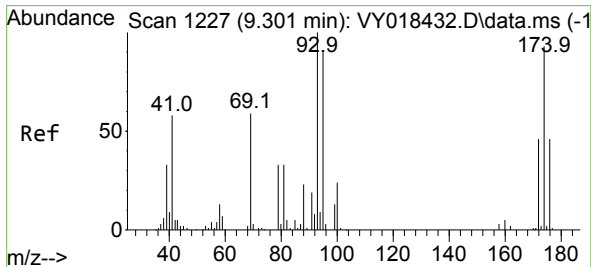
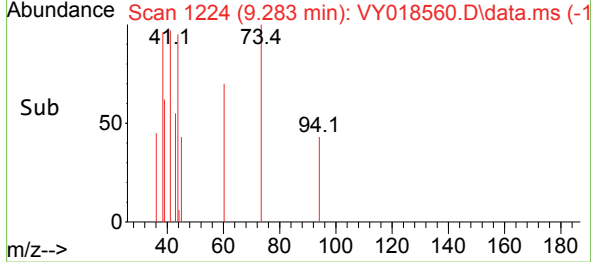
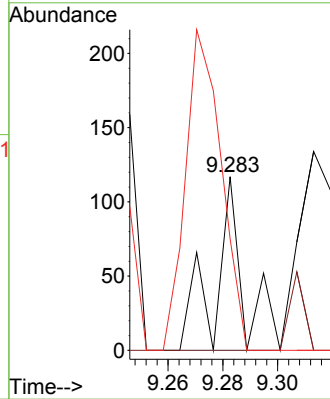


#48
Methyl methacrylate
Concen: 3.476 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

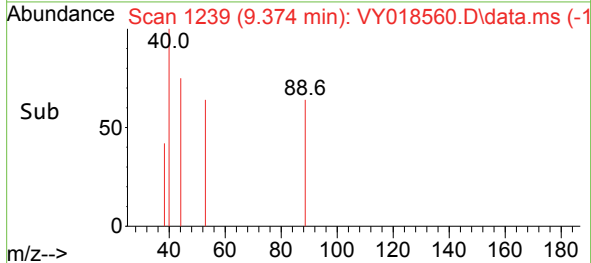
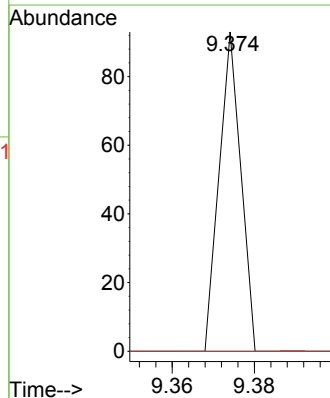
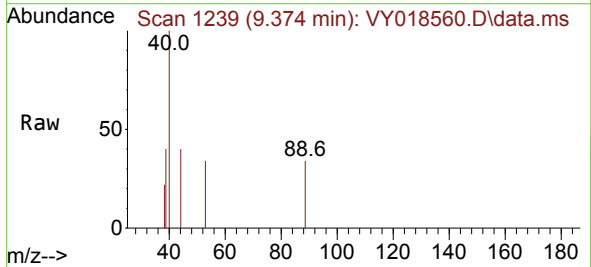


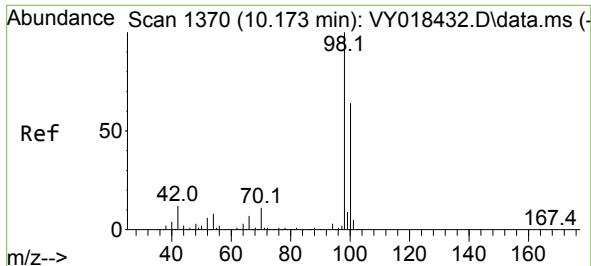
Tgt Ion: 41 Resp: 86
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 227.9 43.6 65.4#



#49
1,4-Dioxane
Concen: 114.492 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.073 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

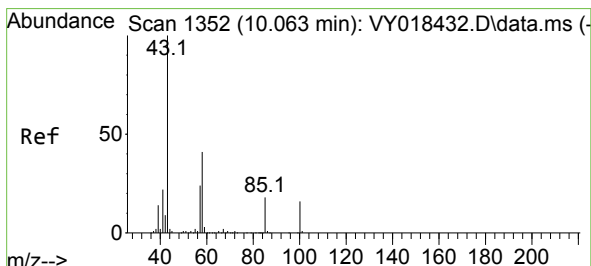
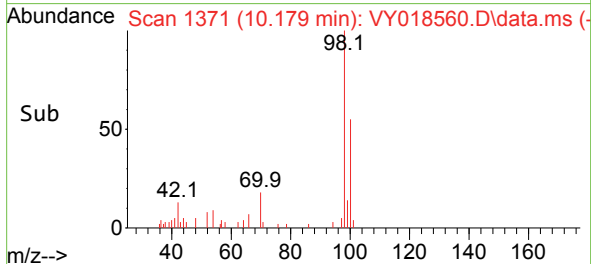
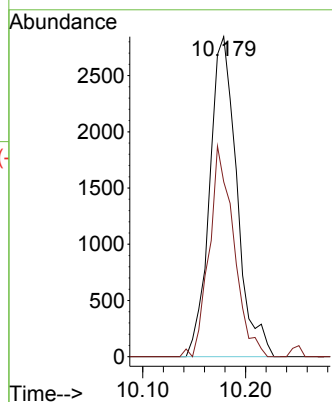
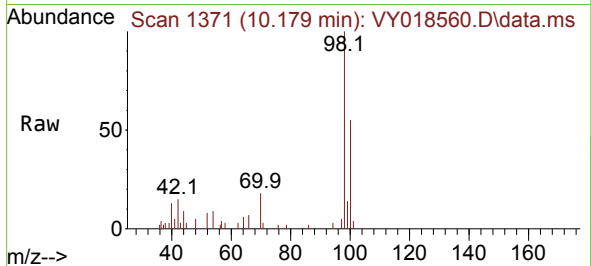




#50
Toluene-d8
Concen: 34.898 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

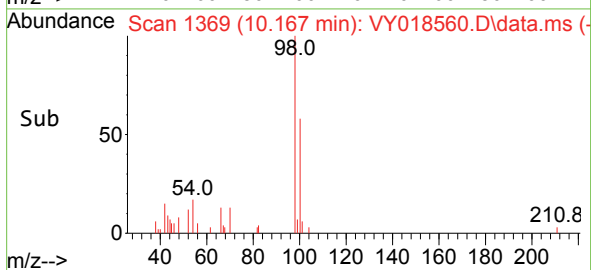
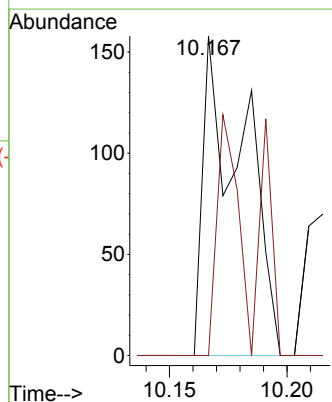
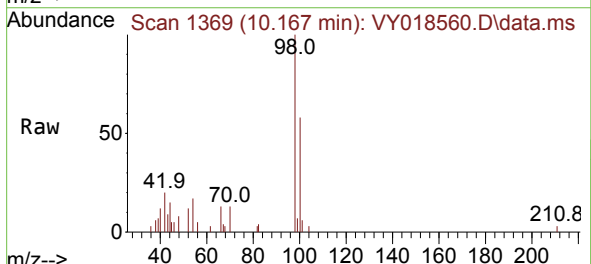
Instrument :
MSVOA_Y
ClientSampleId :

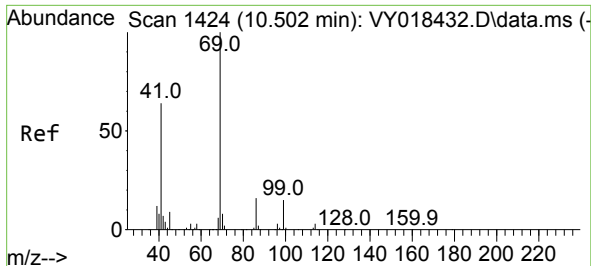
Tgt Ion: 98 Resp: 5241
Ion Ratio Lower Upper
98 100
100 59.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.698 ug/l
RT: 10.167 min Scan# 1369
Delta R.T. 0.104 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

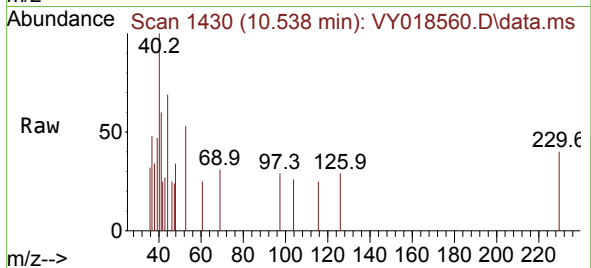
Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
58 39.6 35.7 53.5



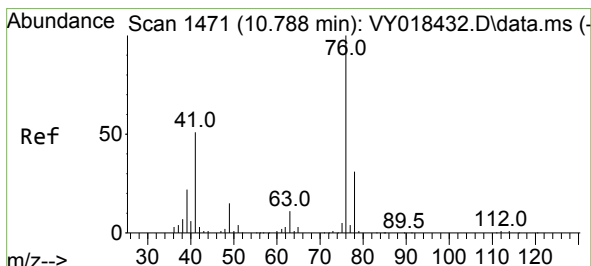
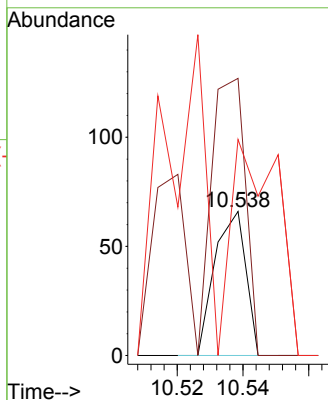
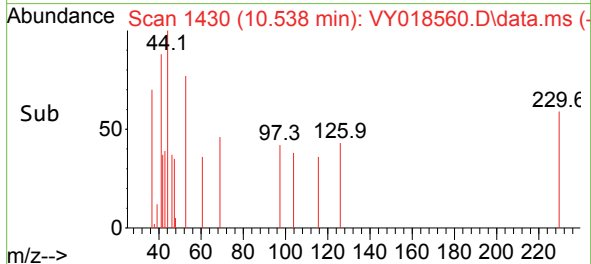


#56
Ethyl methacrylate
Concen: 1.039 ug/l
RT: 10.538 min Scan# 1424
Delta R.T. 0.037 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

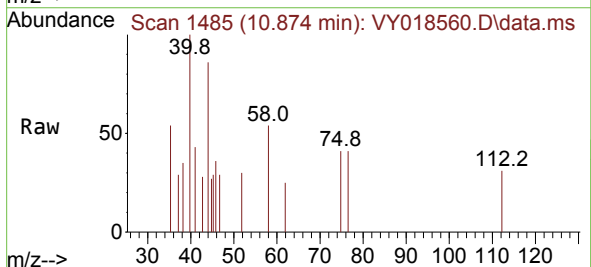
Instrument :
MSVOA_Y
ClientSampleId :



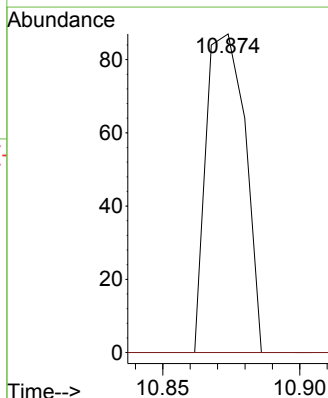
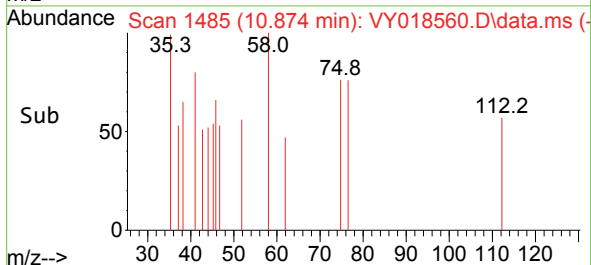
Tgt Ion: 69 Resp: 43
Ion Ratio Lower Upper
69 100
41 211.6 42.3 63.5#
39 225.6 22.9 34.3#

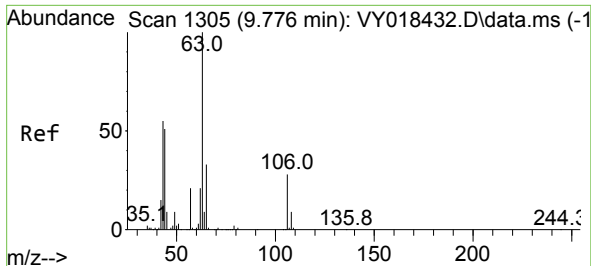


#57
1,3-Dichloropropane
Concen: 1.722 ug/l
RT: 10.874 min Scan# 1485
Delta R.T. 0.085 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24



Tgt Ion: 76 Resp: 86
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.4#

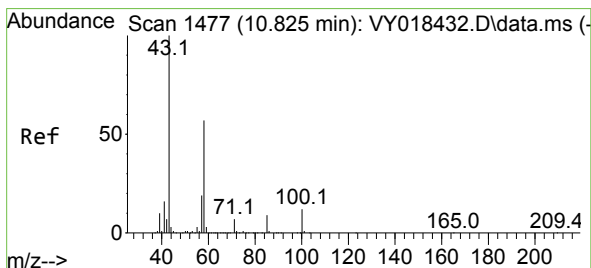
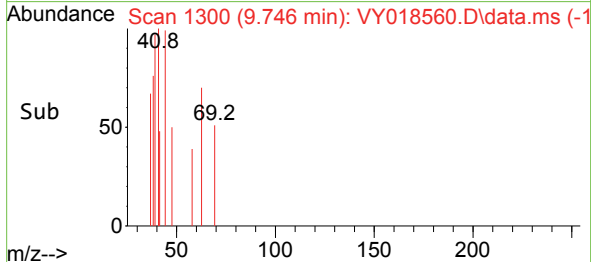
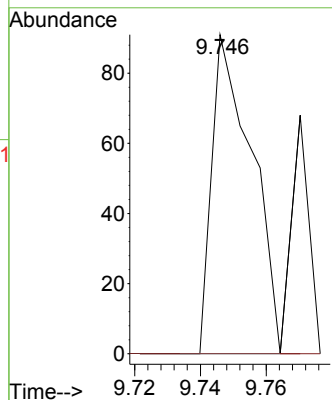
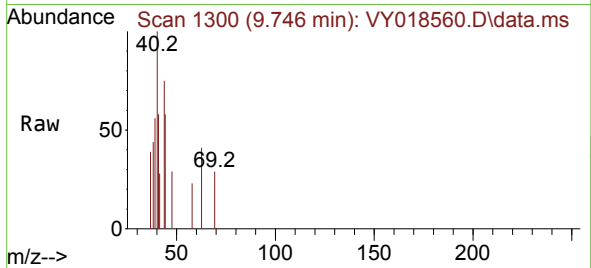




#58
2-Chloroethyl Vinyl ether
Concen: 3.418 ug/l
RT: 9.746 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

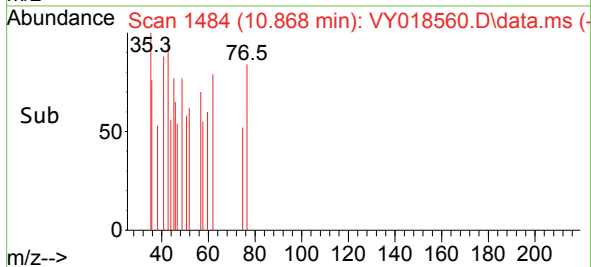
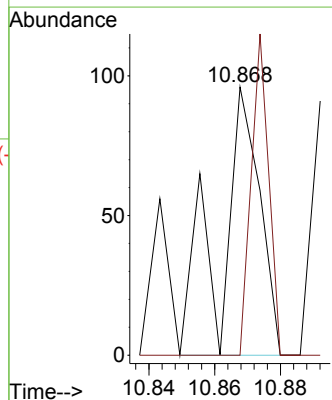
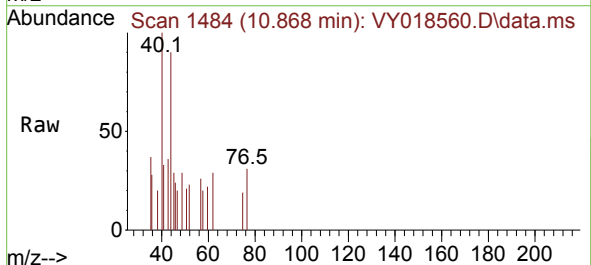
Instrument :
MSVOA_Y
ClientSampleId :

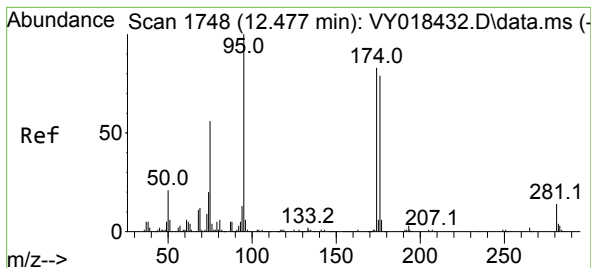
Tgt Ion: 63 Resp: 76
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 4.147 ug/l
RT: 10.868 min Scan# 1484
Delta R.T. 0.043 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

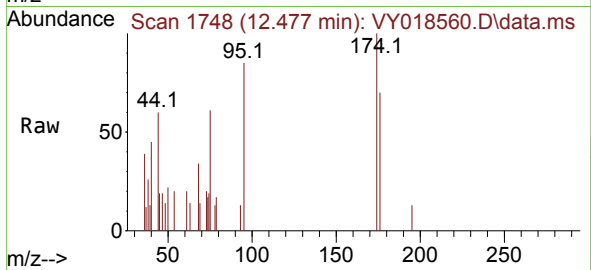
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
58 52.5 31.4 94.0



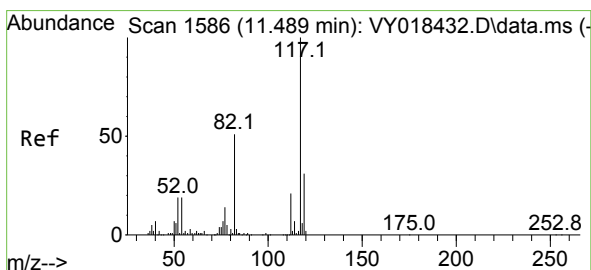
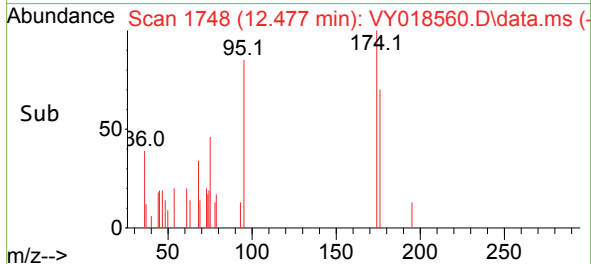
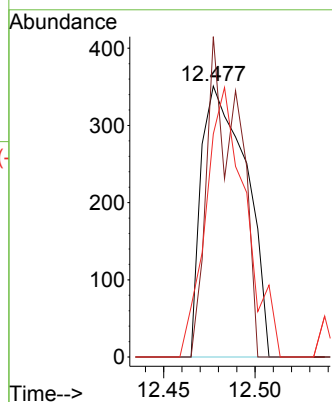


#62
4-Bromofluorobenzene
Concen: 12.832 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :

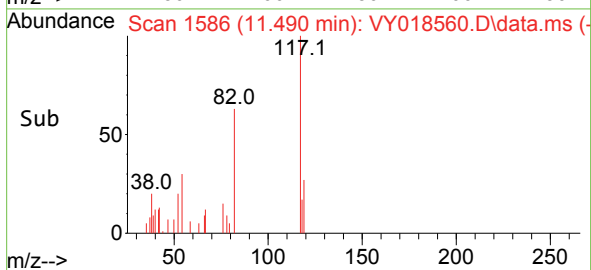
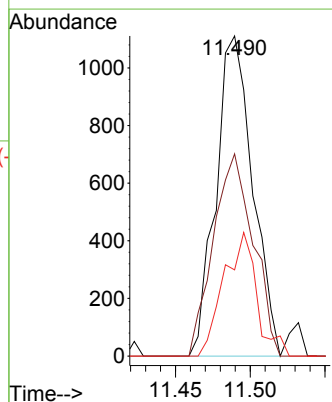
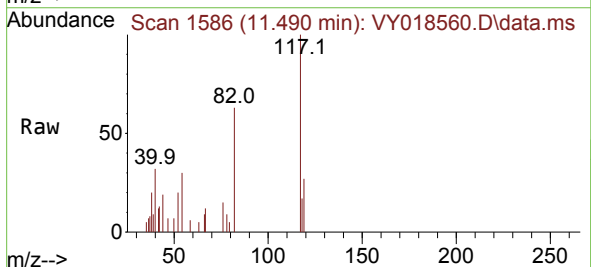


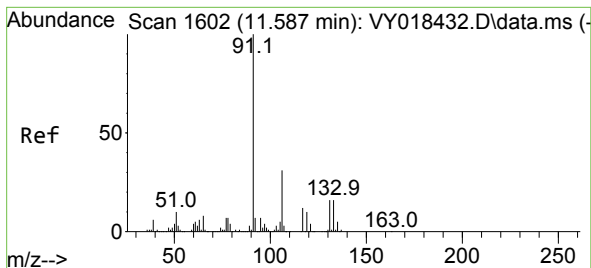
Tgt Ion: 95 Resp: 600
Ion Ratio Lower Upper
95 100
174 83.2 0.0 175.6
176 88.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion: 117 Resp: 1898
Ion Ratio Lower Upper
117 100
82 63.2 42.4 63.6
119 26.9 25.9 38.9

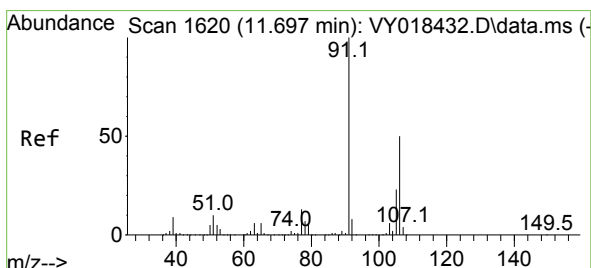
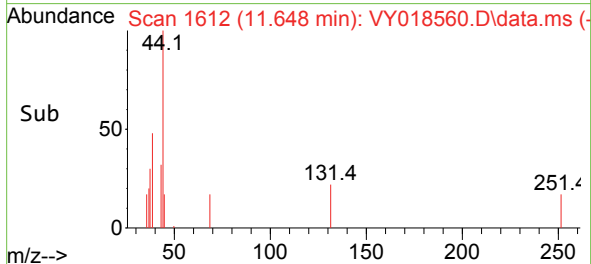
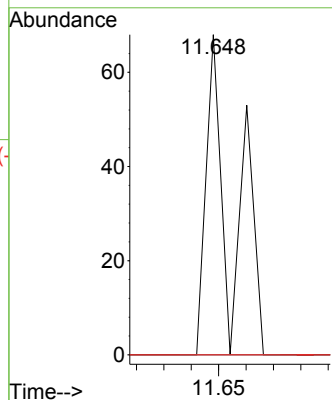
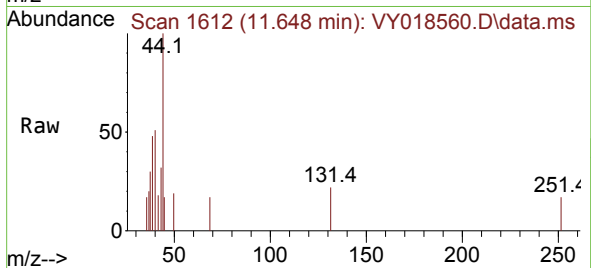




#66
1,1,1,2-Tetrachloroethane
Concen: 1.672 ug/l
RT: 11.648 min Scan# 1612
Delta R.T. 0.061 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

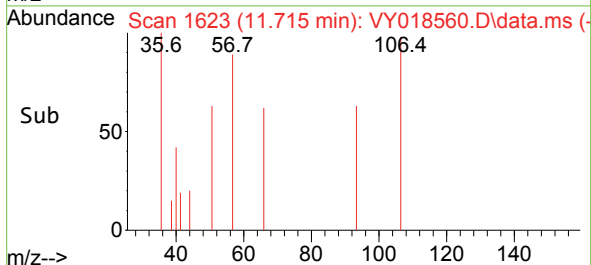
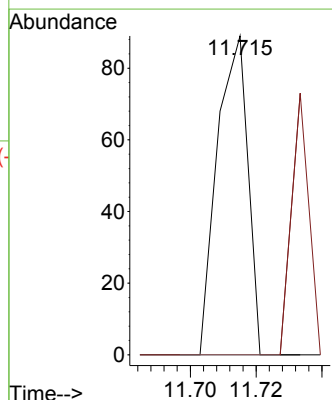
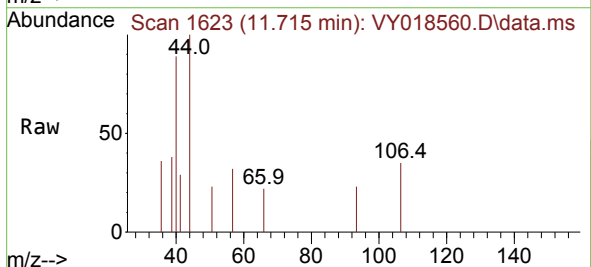
Instrument :
MSVOA_Y
ClientSampleId :

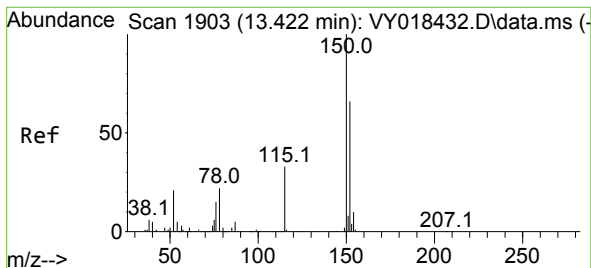
Tgt Ion:131 Resp: 44
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.3#
119 0.0 34.1 102.2#



#68
m/p-Xylenes
Concen: 1.022 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.018 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

Tgt Ion:106 Resp: 57
Ion Ratio Lower Upper
106 100
91 47.4 156.0 234.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.416 min Scan# 1902

Delta R.T. -0.006 min

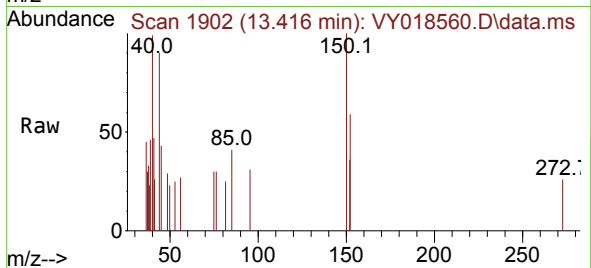
Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

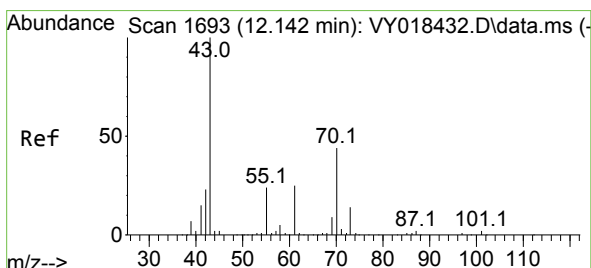
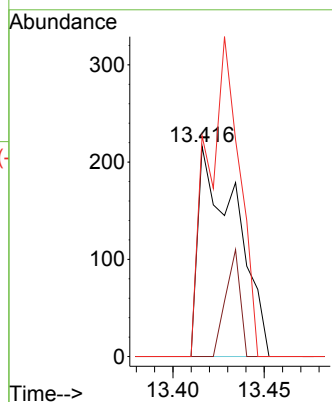
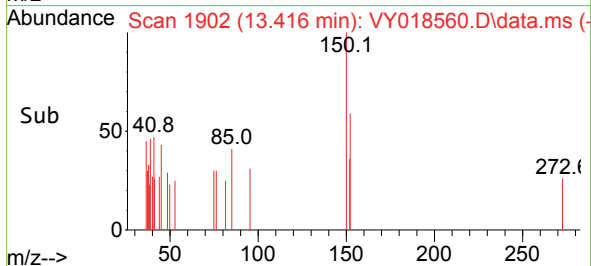
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	152	Resp:	314
Ion	Ratio	Lower	Upper
152	100		
115	19.4	28.2	84.7#
150	127.1	0.0	345.6



#74

N-ethyl acetate

Concen: 14.581 ug/l

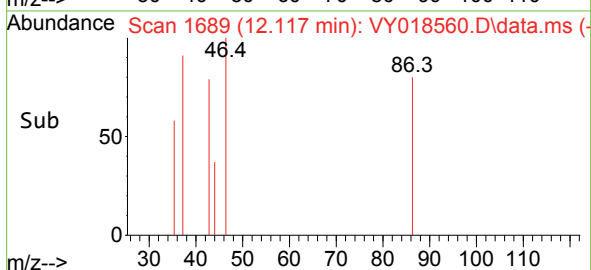
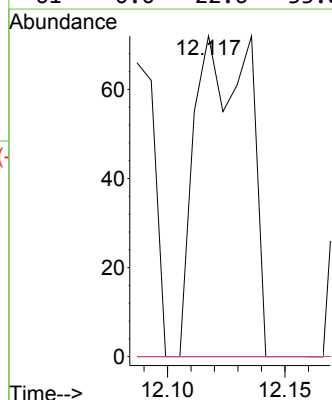
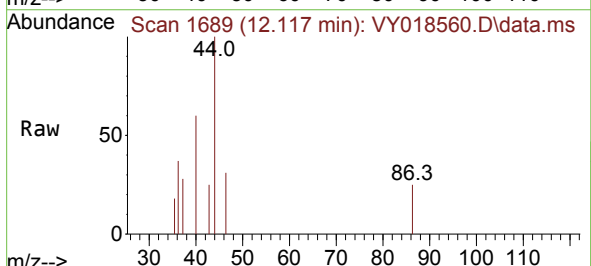
RT: 12.117 min Scan# 1689

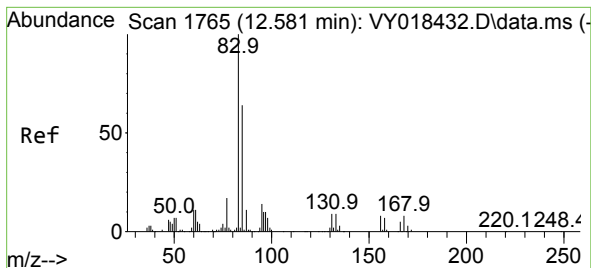
Delta R.T. -0.024 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

Tgt Ion:	43	Resp:	115
Ion	Ratio	Lower	Upper
43	100		
70	0.0	41.4	62.2#
55	0.0	23.3	34.9#
61	0.0	22.6	33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.506 ug/l

RT: 12.556 min Scan# 1

Delta R.T. -0.024 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

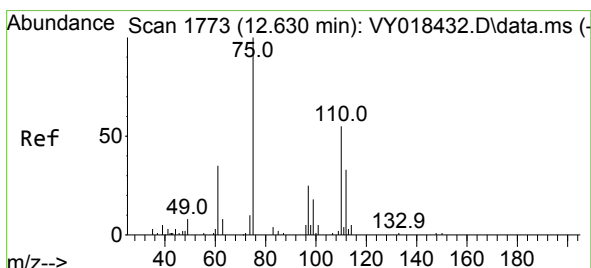
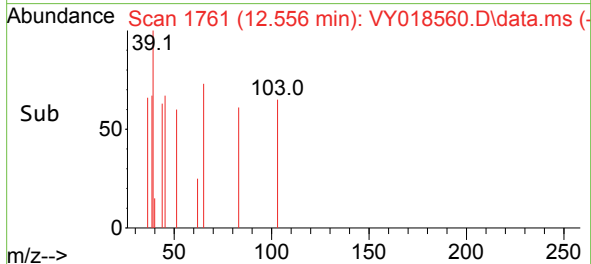
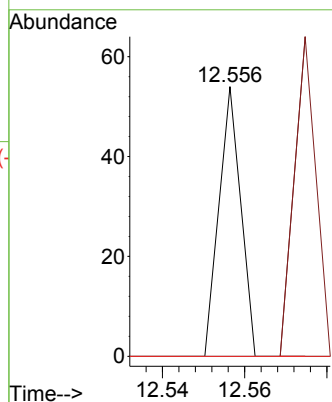
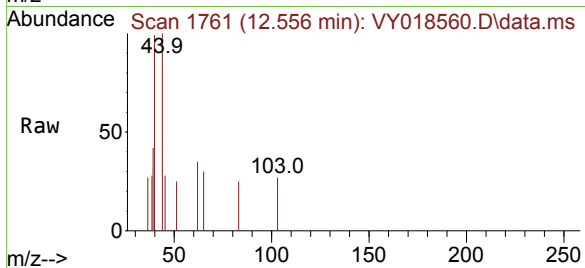
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

131 115.0 5.0 14.9#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 97.082 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018560.D

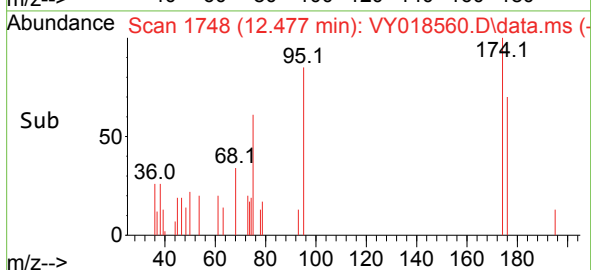
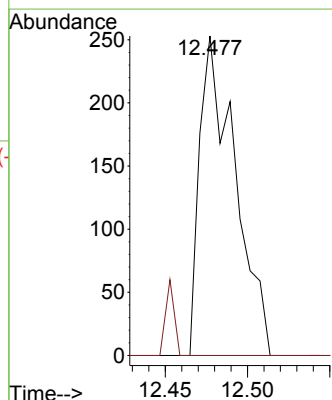
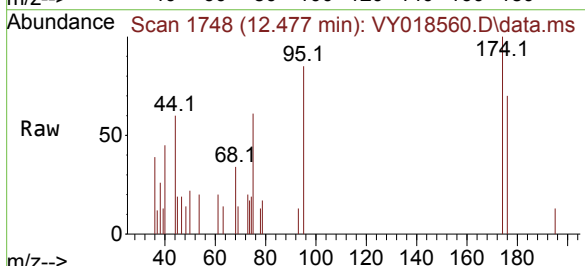
Acq: 11 Jun 2024 16:24

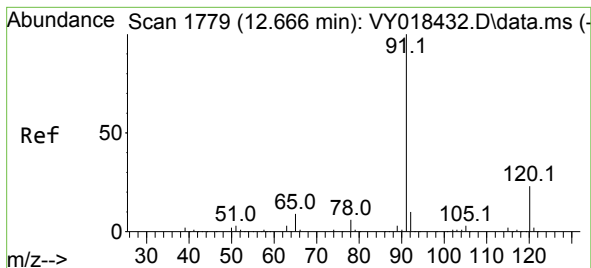
Tgt Ion: 75 Resp: 378

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 3.214 ug/l

RT: 12.739 min Scan# 1791

Delta R.T. 0.073 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

Instrument :

MSVOA_Y

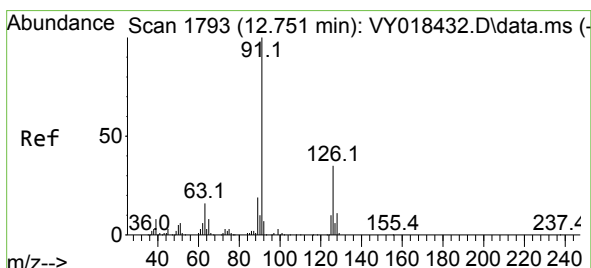
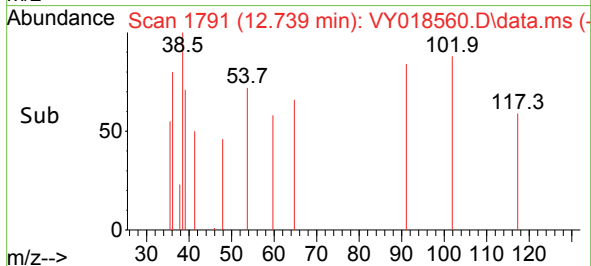
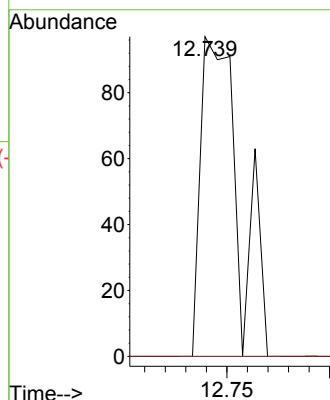
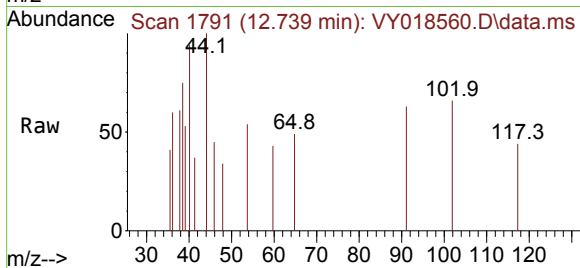
ClientSampleId :

Tgt Ion: 91 Resp: 125

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#79

2-Chlorotoluene

Concen: 5.912 ug/l

RT: 12.739 min Scan# 1791

Delta R.T. -0.012 min

Lab File: VY018560.D

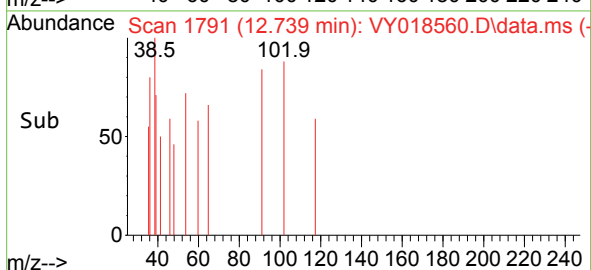
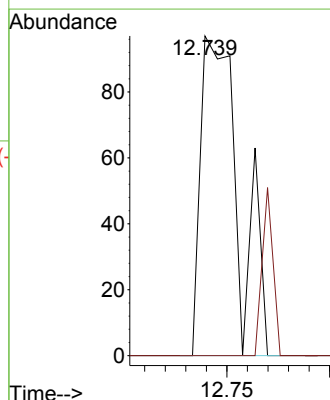
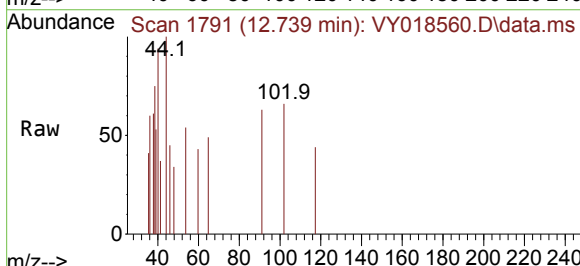
Acq: 11 Jun 2024 16:24

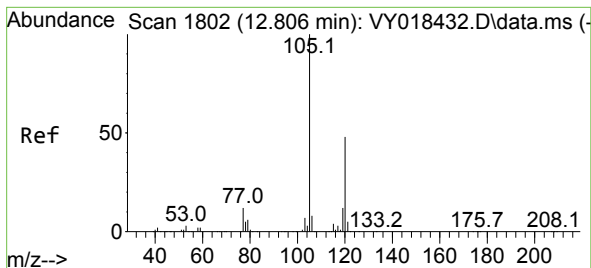
Tgt Ion: 91 Resp: 125

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 2.219 ug/l

RT: 12.849 min Scan# 11

Delta R.T. 0.043 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

Instrument :

MSVOA_Y

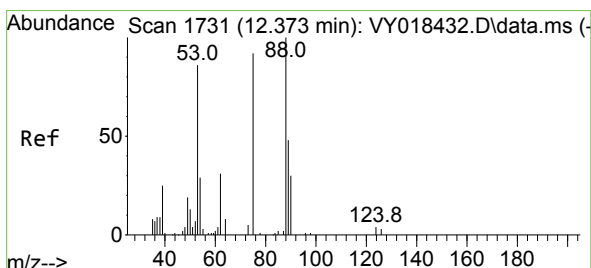
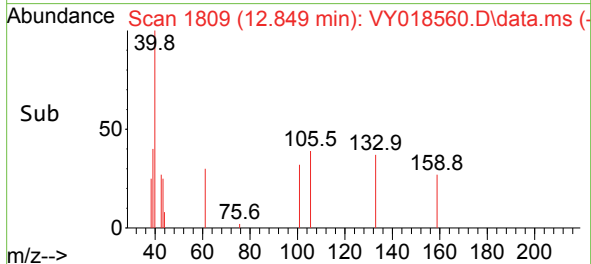
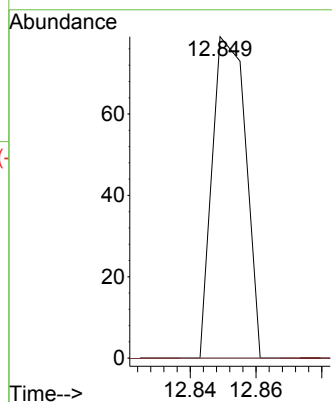
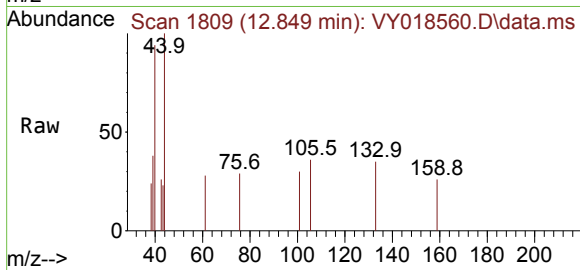
ClientSampleId :

Tgt Ion:105 Resp: 56

Ion Ratio Lower Upper

105 100

120 0.0 25.1 75.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 203.962 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

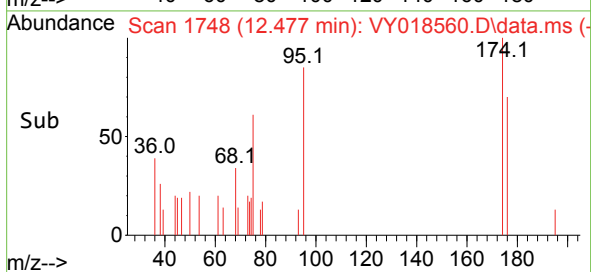
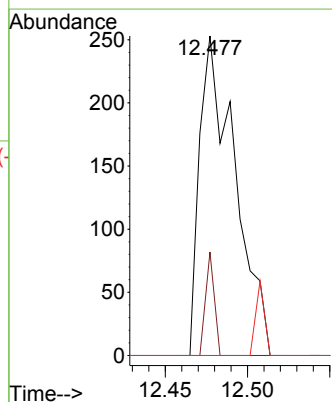
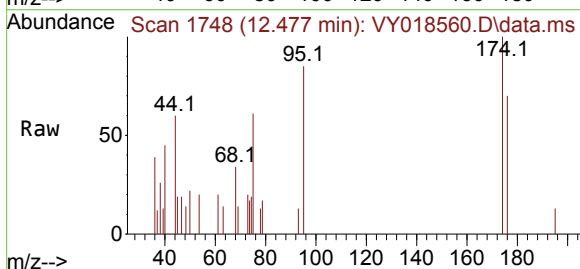
Tgt Ion: 75 Resp: 378

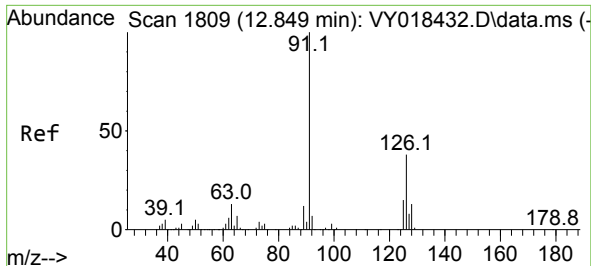
Ion Ratio Lower Upper

75 100

53 7.9 66.8 100.2#

89 0.0 35.8 53.6#

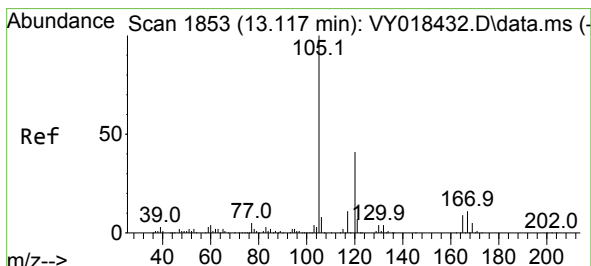
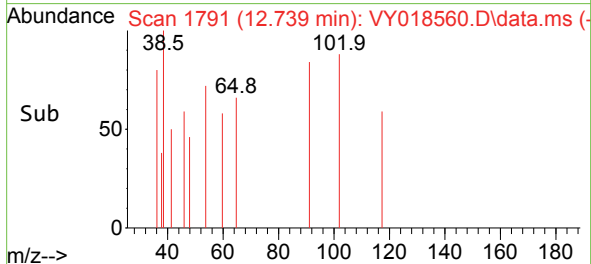
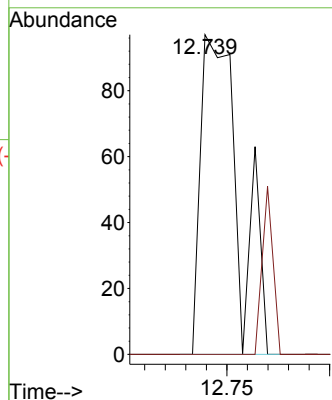
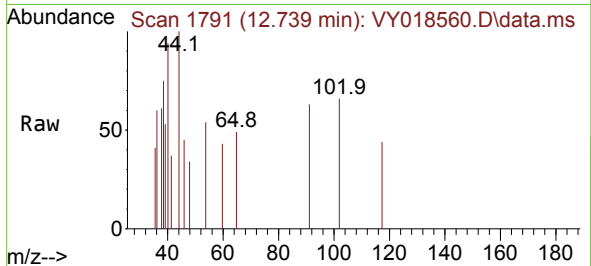




#82
4-Chlorotoluene
Concen: 5.875 ug/l
RT: 12.739 min Scan# 11
Delta R.T. -0.110 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

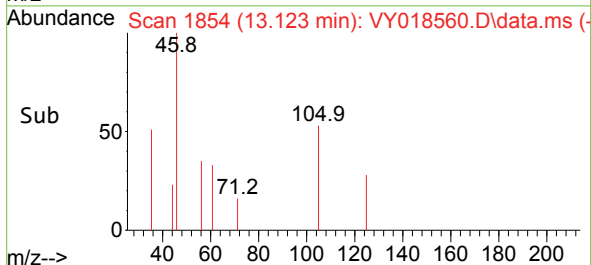
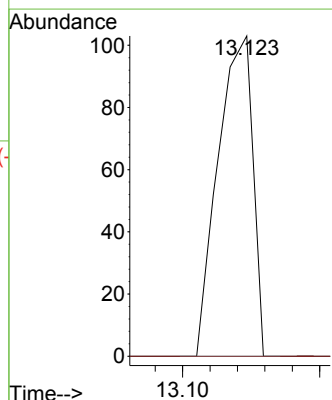
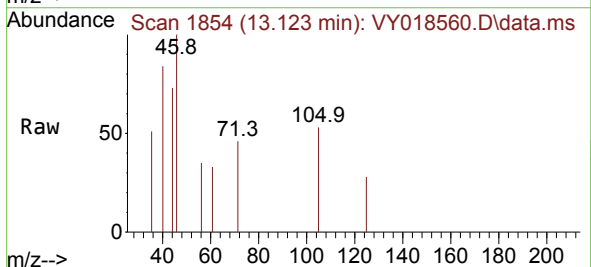
Instrument :
MSVOA_Y
ClientSampleId :

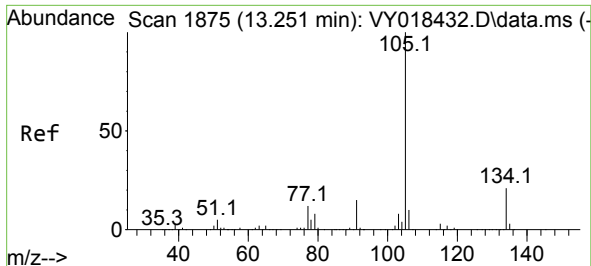
Tgt Ion: 91 Resp: 125
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



#84
1,2,4-Trimethylbenzene
Concen: 3.683 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

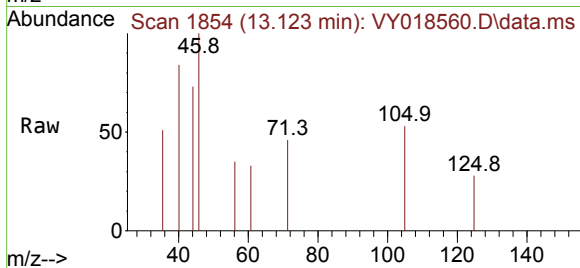
Tgt Ion: 105 Resp: 91
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#



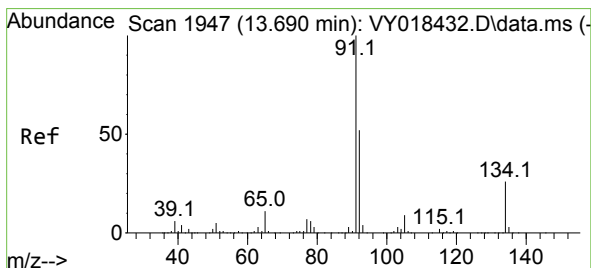
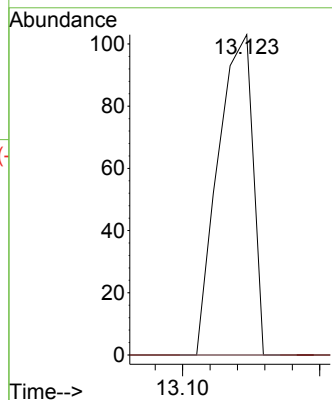
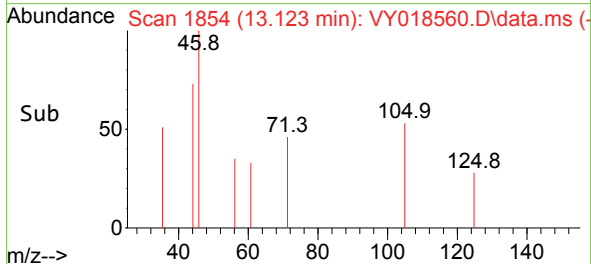


#85
sec-Butylbenzene
Concen: 2.648 ug/l
RT: 13.123 min Scan# 1875
Delta R.T. -0.128 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24

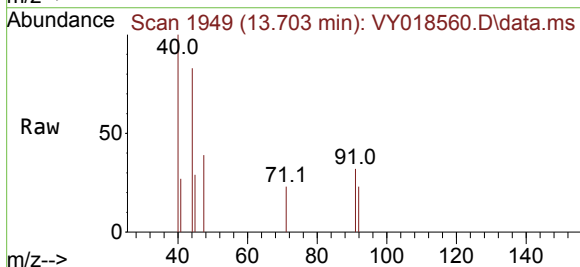
Instrument :
MSVOA_Y
ClientSampleId :



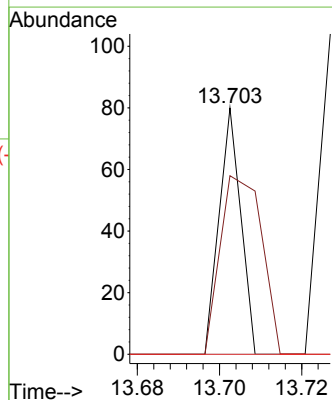
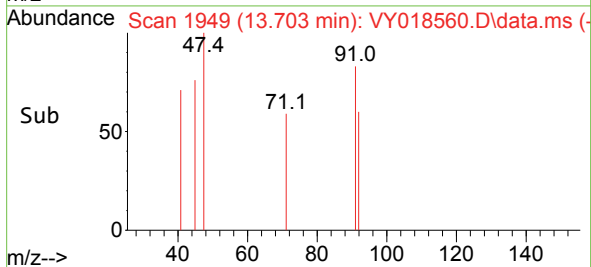
Tgt Ion:105 Resp: 91
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

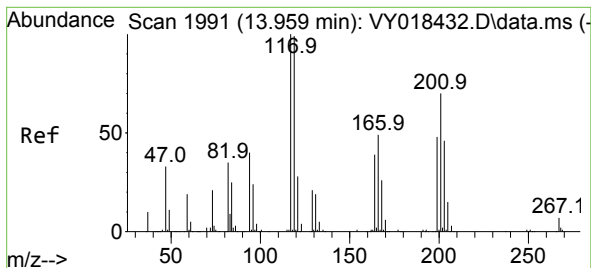


#89
n-Butylbenzene
Concen: 1.100 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.012 min
Lab File: VY018560.D
Acq: 11 Jun 2024 16:24



Tgt Ion: 91 Resp: 29
Ion Ratio Lower Upper
91 100
92 141.4 26.6 79.7#
134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 3.655 ug/l

RT: 13.983 min Scan# 19

Delta R.T. 0.024 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

Instrument :

MSVOA_Y

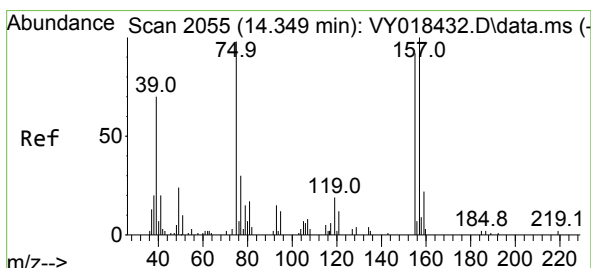
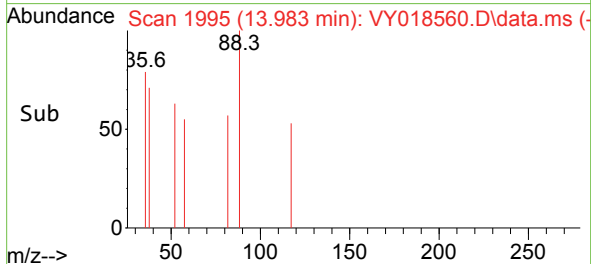
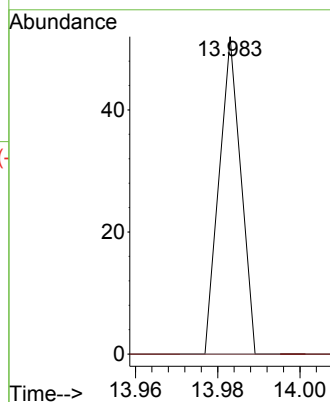
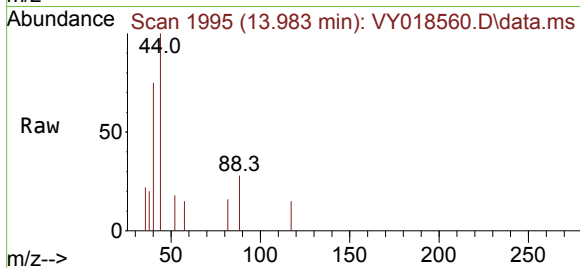
ClientSampleId :

Tgt Ion:117 Resp: 19

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 70.278 ug/l

RT: 14.343 min Scan# 2054

Delta R.T. -0.006 min

Lab File: VY018560.D

Acq: 11 Jun 2024 16:24

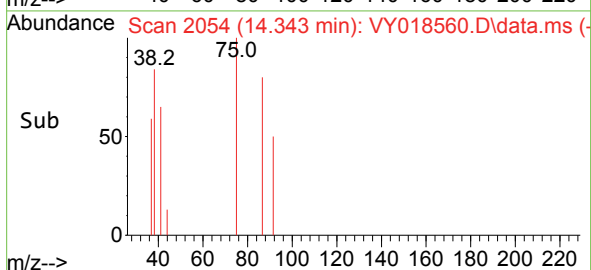
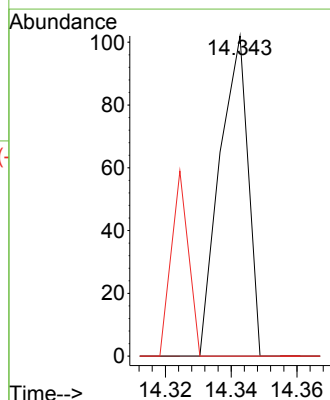
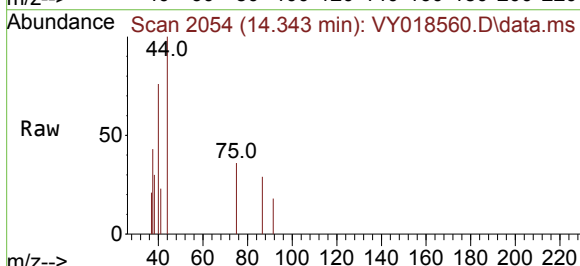
Tgt Ion: 75 Resp: 61

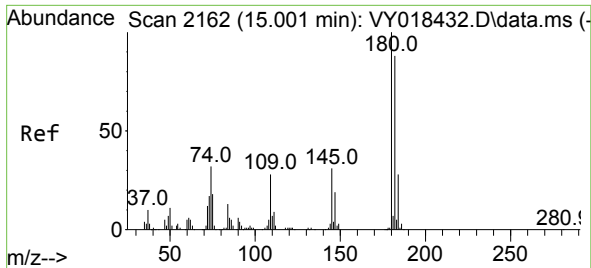
Ion Ratio Lower Upper

75 100

155 0.0 48.6 145.8#

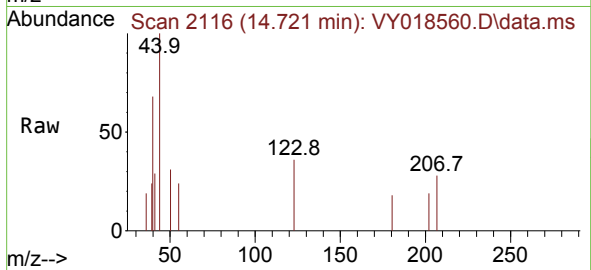
157 36.1 62.7 188.2#





#93
 1,2,4-Trichlorobenzene
 Concen: 2.975 ug/l
 RT: 14.721 min Scan# 21
 Delta R.T. -0.280 min
 Lab File: VY018560.D
 Acq: 11 Jun 2024 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 19
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 0.0 14.2 42.6#

