

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018549.D
 Acq On : 10 Jun 2024 14:36
 Operator : SY/MD
 Sample : P2794-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 01:56:42 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	7.777	168	982	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1224	63.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.940%	
35) Dibromofluoromethane	7.703	113	943	46.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.540%	
50) Toluene-d8	10.185	98	2740	34.160	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 68.320%	
62) 4-Bromofluorobenzene	12.489	95	381	15.256	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 30.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.863	85	30	1.924	ug/l #	43
3) Chloromethane	2.113	50	76	2.613	ug/l #	15
4) Vinyl Chloride	2.247	62	64	1.840	ug/l #	42
5) Bromomethane	2.649	94	42	1.810	ug/l #	3
6) Chloroethane	2.796	64	72	3.278	ug/l #	42
7) Trichlorofluoromethane	3.210	101	70	1.945	ug/l #	20
8) Diethyl Ether	3.412	74	23	2.124	ug/l	95
10) Methyl Iodide	4.088	142	48	2.332	ug/l #	42
11) Tert butyl alcohol	4.881	59	21	Below Cal	#	88
12) 1,1-Dichloroethene	3.930	96	71	3.446	ug/l #	1
13) Acrolein	3.680	56	60	30.395	ug/l #	15
15) Acrylonitrile	5.137	53	23	4.644	ug/l #	56
16) Acetone	3.936	43	82	19.158	ug/l #	36
18) Methyl Acetate	4.417	43	34	3.177	ug/l #	46
20) Methylene Chloride	4.686	84	164	3.993	ug/l #	28
21) trans-1,2-Dichloroethene	5.216	96	61	2.775	ug/l #	1
22) Diisopropyl ether	6.112	45	87	1.416	ug/l #	15
23) Vinyl Acetate	6.033	43	52	1.300	ug/l #	67
24) 1,1-Dichloroethane	6.021	63	99	2.583	ug/l #	80
25) 2-Butanone	6.978	43	68	10.370	ug/l #	41
27) cis-1,2-Dichloroethene	6.887	96	33	1.290	ug/l #	44
28) Bromochloromethane	7.380	49	27	1.531	ug/l #	6
29) Tetrahydrofuran	7.325	42	65	15.264	ug/l #	56
31) Cyclohexane	7.789	56	130	3.615	ug/l #	11
32) 1,1,1-Trichloroethane	7.819	97	40	1.188	ug/l #	37
37) Ethyl Acetate	7.051	43	98	6.381	ug/l #	1
41) Methacrylonitrile	7.307	41	28	3.748	ug/l #	1
42) 1,2-Dichloroethane	8.216	62	53	2.367	ug/l #	71
43) Isopropyl Acetate	8.258	43	87	3.030	ug/l #	63
45) 1,2-Dichloropropane	9.215	63	44	2.089	ug/l #	43
46) Dibromomethane	9.374	93	23	1.904	ug/l #	3
48) Methyl methacrylate	9.295	41	45	3.406	ug/l #	7
49) 1,4-Dioxane	9.234	88	21	132.403	ug/l #	20
51) 4-Methyl-2-Pentanone	9.959	43	119	7.980	ug/l	95
53) t-1,3-Dichloropropene	10.441	75	59	2.216	ug/l #	45
55) 1,1,2-Trichloroethane	10.514	97	24	1.527	ug/l #	16

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 ALS Vial : 13 Sample Multiplier: 1

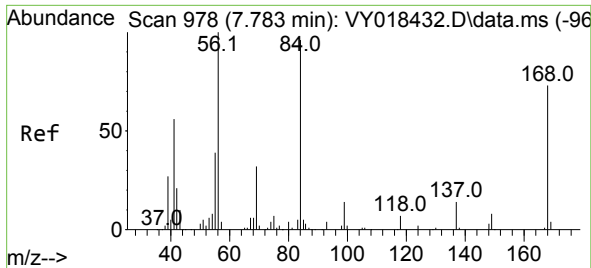
Instrument :
 MSVOA_Y
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 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

56) Ethyl methacrylate	10.325	69	52	2.352	ug/l #	73
57) 1,3-Dichloropropane	10.739	76	27	1.012	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.008	63	24	2.021	ug/l #	1
59) 2-Hexanone	10.788	43	105	10.190	ug/l	96
61) 1,2-Dibromoethane	11.154	107	21	1.419	ug/l #	2
68) m/p-Xylenes	11.892	106	48	1.789	ug/l #	1
69) o-Xylene	12.087	106	43	1.665	ug/l #	1
73) Isopropylbenzene	12.483	105	25	3.106	ug/l #	48
74) N-amyl acetate	12.142	43	92	46.957	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.483	83	29	20.467	ug/l #	26
76) 1,2,3-Trichloropropane	12.611	75	73	75.475	ug/l #	100
78) n-propylbenzene	12.855	91	45	4.658	ug/l #	53
79) 2-Chlorotoluene	12.855	91	45	8.568	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.892	105	19	3.031	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.282	75	24	52.132	ug/l #	1
82) 4-Chlorotoluene	12.855	91	45	8.515	ug/l #	39
83) tert-Butylbenzene	13.172	119	24	4.140	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.270	105	42	6.843	ug/l #	30
85) sec-Butylbenzene	13.270	105	42	4.920	ug/l #	56
86) p-Isopropyltoluene	13.172	119	24	3.483	ug/l #	51
88) 1,4-Dichlorobenzene	13.678	146	44	13.286	ug/l #	25
89) n-Butylbenzene	13.715	91	22	3.360	ug/l #	33
91) 1,2-Dichlorobenzene	13.678	146	44	14.999	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.385	75	25	115.948	ug/l #	1

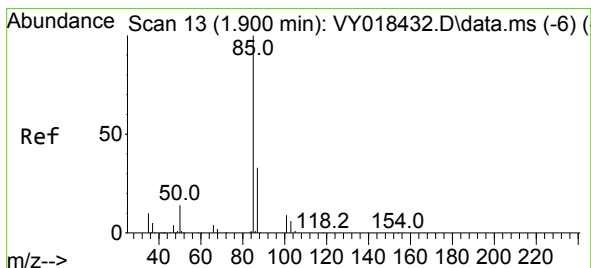
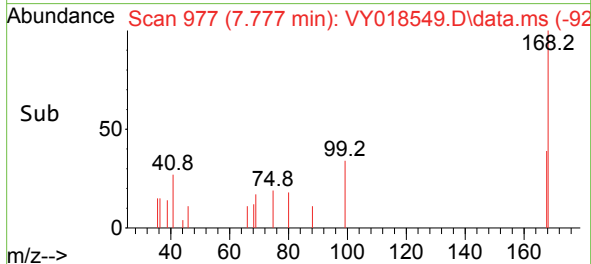
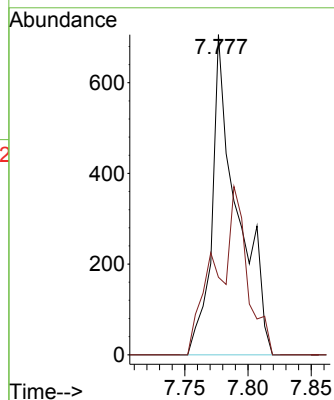
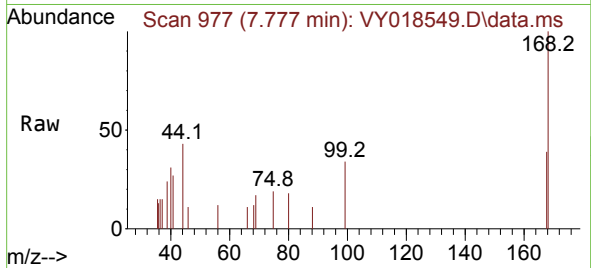
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

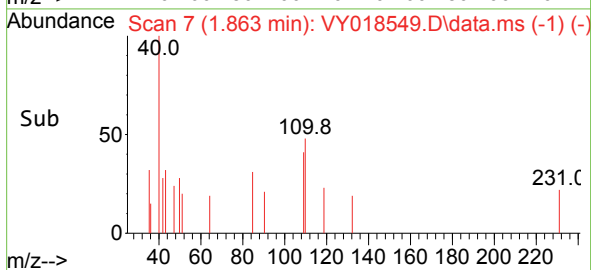
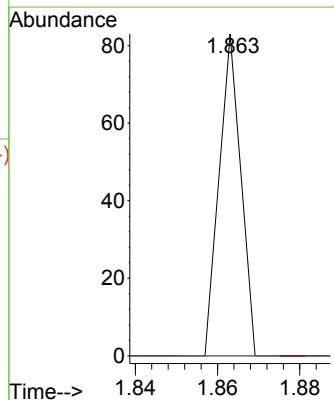
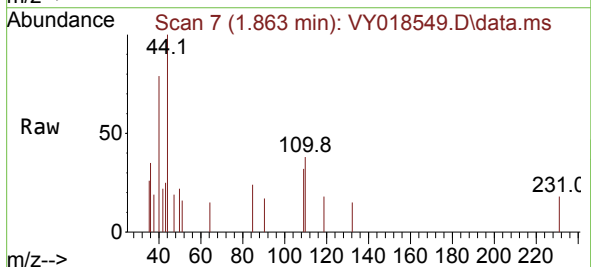
Instrument :
MSVOA_Y
ClientSampleId :

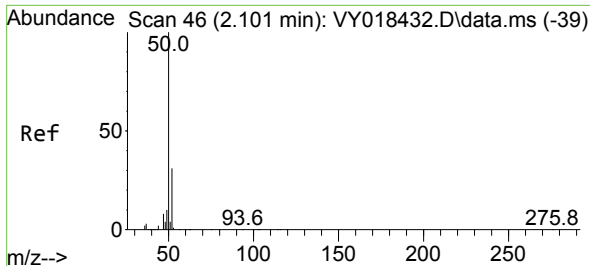
Tgt Ion:168 Resp: 982
Ion Ratio Lower Upper
168 100
99 24.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 1.924 ug/l
RT: 1.863 min Scan# 7
Delta R.T. -0.037 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 85 Resp: 30
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

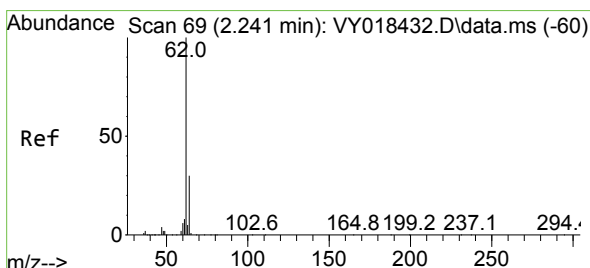
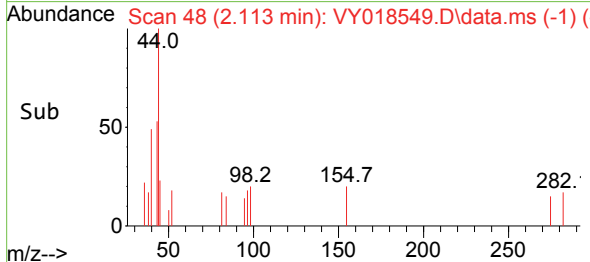
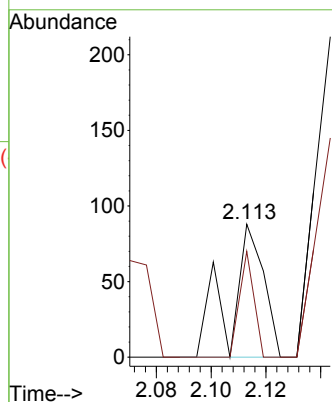
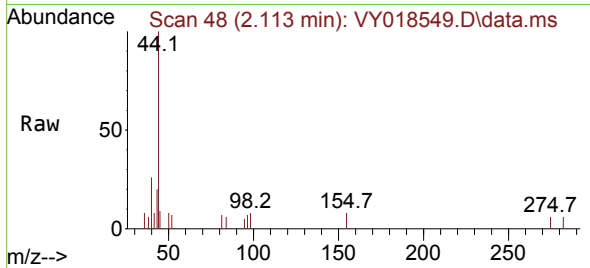




#3
Chloromethane
Concen: 2.613 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

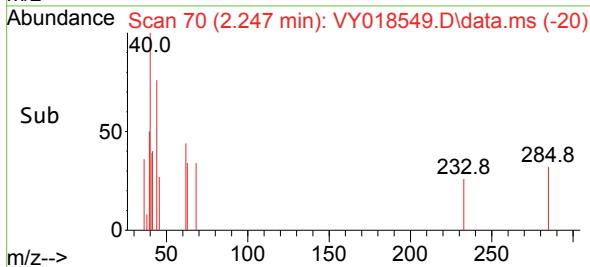
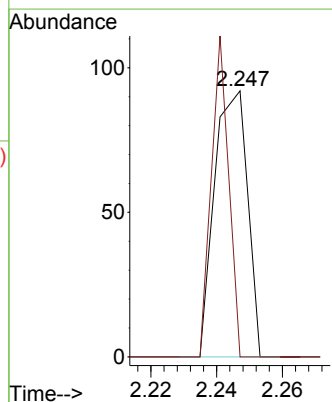
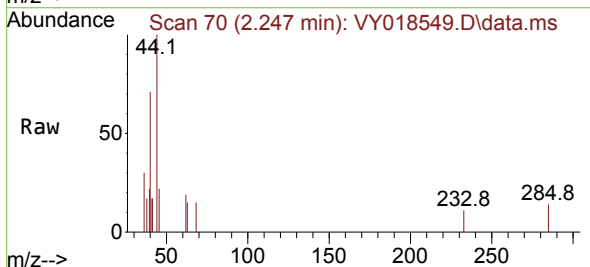
Instrument :
MSVOA_Y
ClientSampleId :

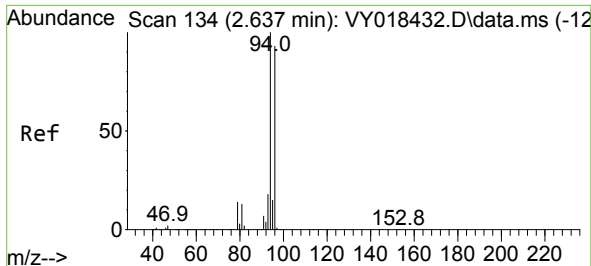
Tgt Ion: 50 Resp: 76
Ion Ratio Lower Upper
50 100
52 79.5 25.6 38.4#



#4
Vinyl Chloride
Concen: 1.840 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 62 Resp: 64
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





#5

Bromomethane

Concen: 1.810 ug/l

RT: 2.649 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

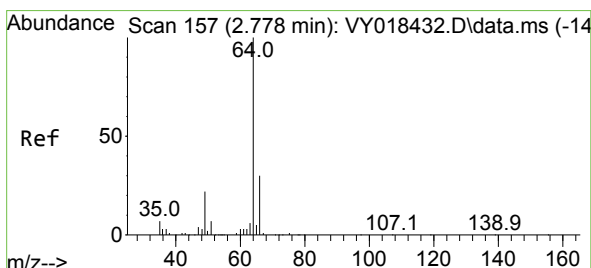
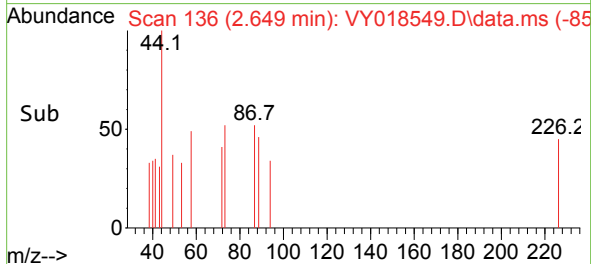
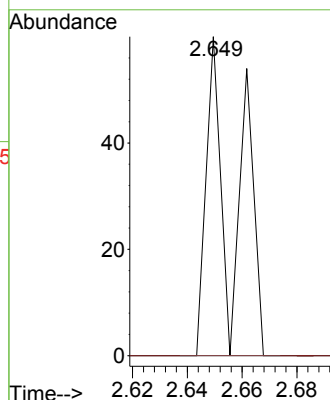
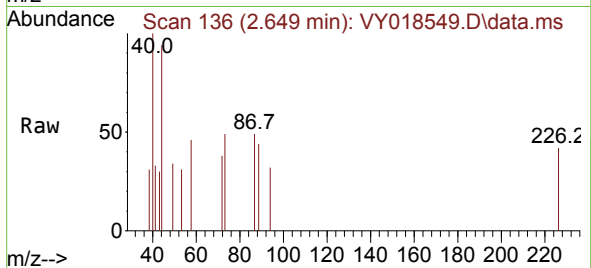
ClientSampleId :

Tgt Ion: 94 Resp: 42

Ion Ratio Lower Upper

94 100

96 0.0 74.1 111.1#



#6

Chloroethane

Concen: 3.278 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.018 min

Lab File: VY018549.D

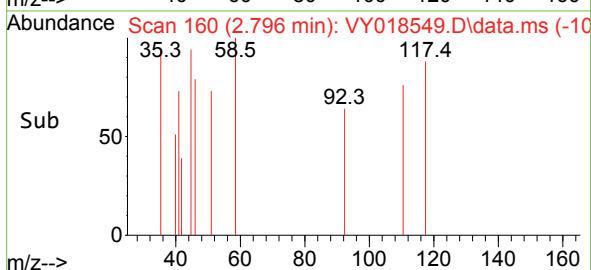
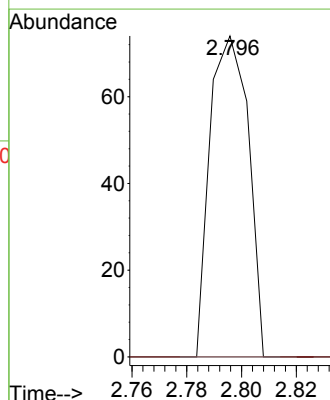
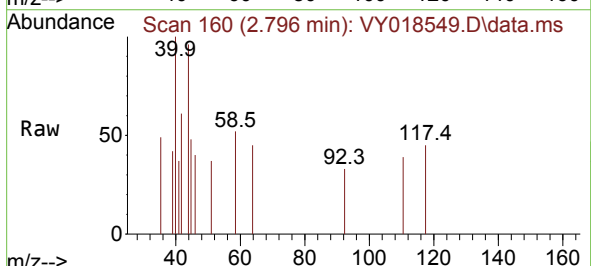
Acq: 10 Jun 2024 14:36

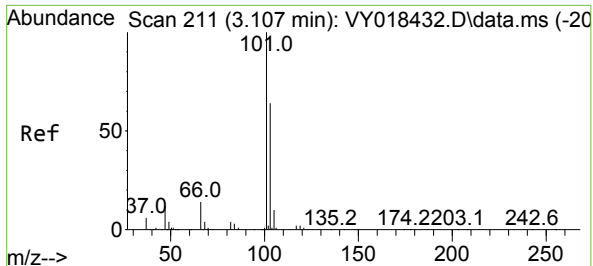
Tgt Ion: 64 Resp: 72

Ion Ratio Lower Upper

64 100

66 0.0 26.1 39.1#

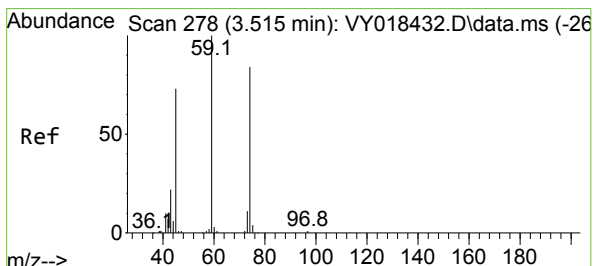
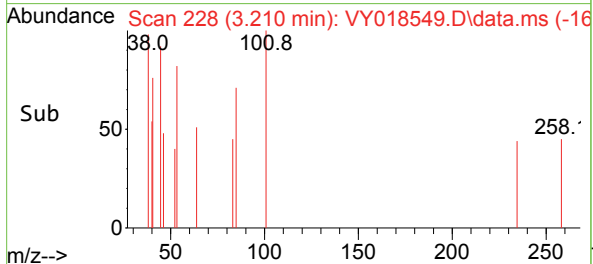
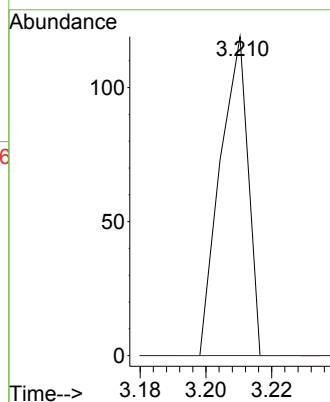
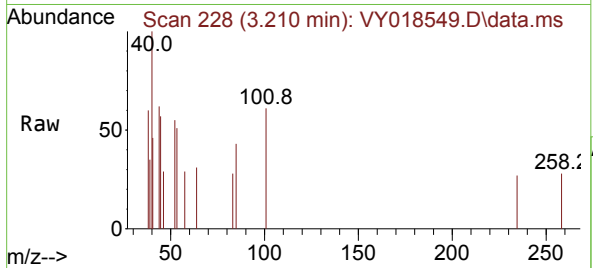




#7
 Trichlorofluoromethane
 Concen: 1.945 ug/l
 RT: 3.210 min Scan# 211
 Delta R.T. 0.104 min
 Lab File: VY018549.D
 Acq: 10 Jun 2024 14:36

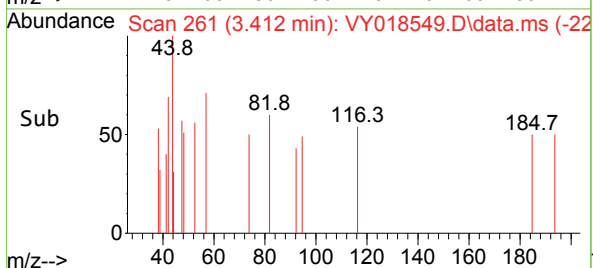
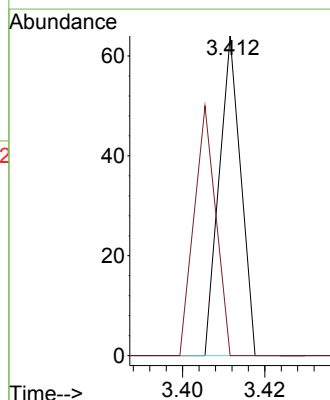
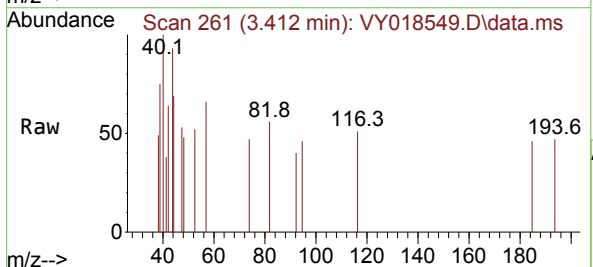
Instrument :
 MSVOA_Y
 ClientSampleId :

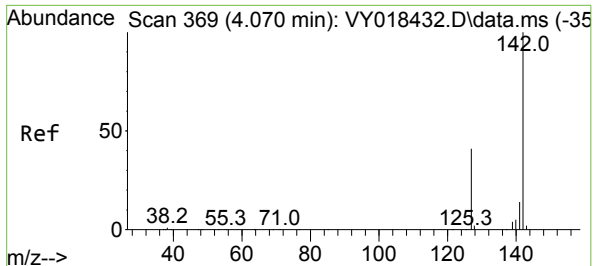
Tgt Ion:101 Resp: 70
 Ion Ratio Lower Upper
 101 100
 103 0.0 49.3 73.9#



#8
 Diethyl Ether
 Concen: 2.124 ug/l
 RT: 3.412 min Scan# 261
 Delta R.T. -0.104 min
 Lab File: VY018549.D
 Acq: 10 Jun 2024 14:36

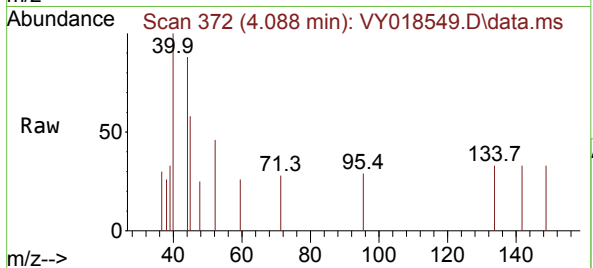
Tgt Ion: 74 Resp: 23
 Ion Ratio Lower Upper
 74 100
 45 78.3 41.3 124.1



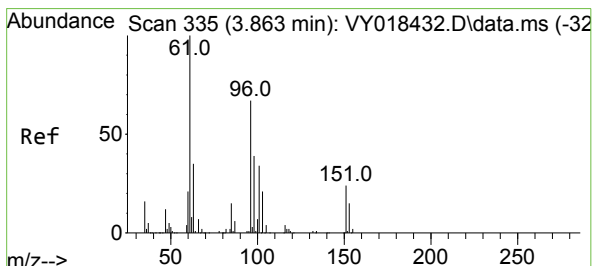
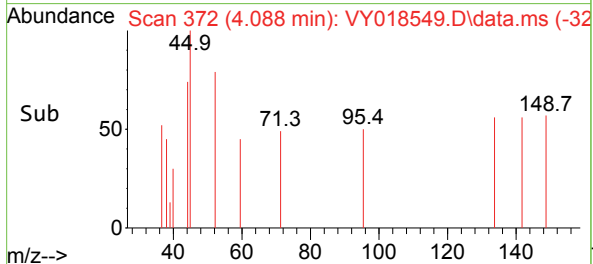
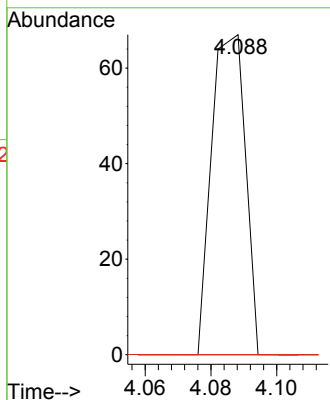


#10
Methyl Iodide
Concen: 2.332 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

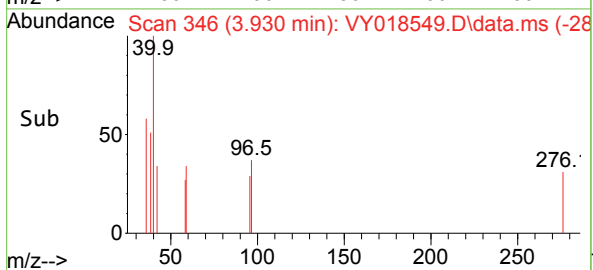
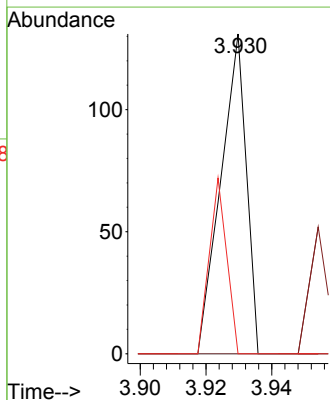
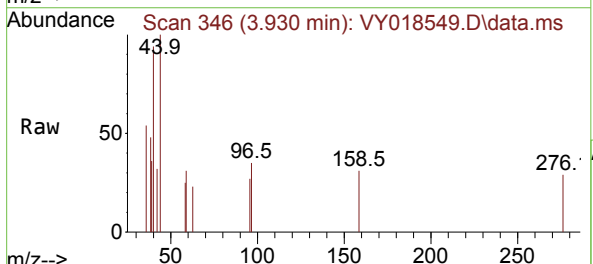


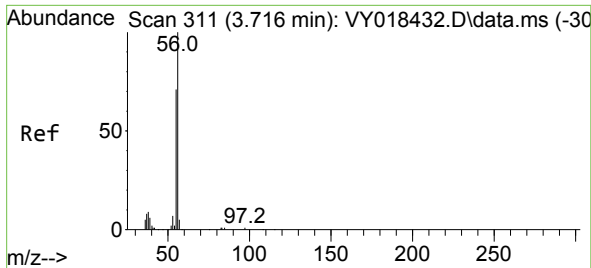
Tgt Ion:142 Resp: 48
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#12
1,1-Dichloroethene
Concen: 3.446 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.067 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 96 Resp: 71
Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 50.8 76.2#

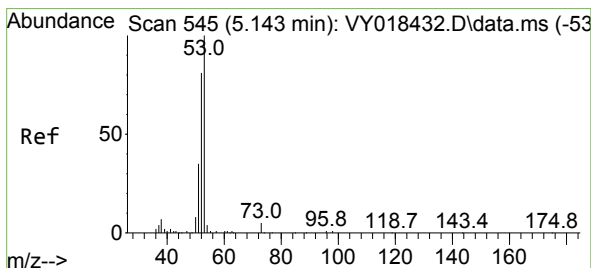
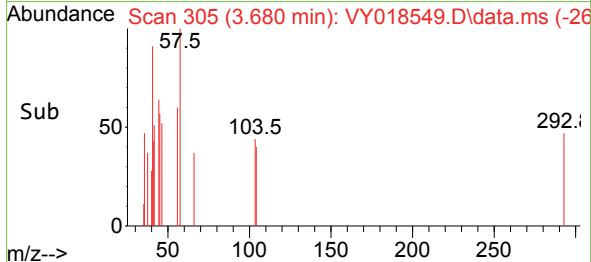
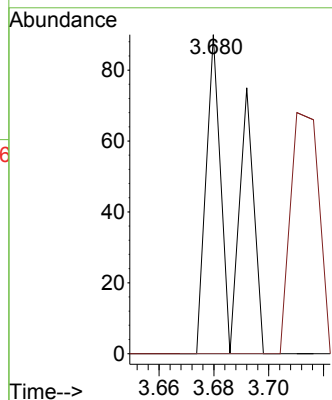
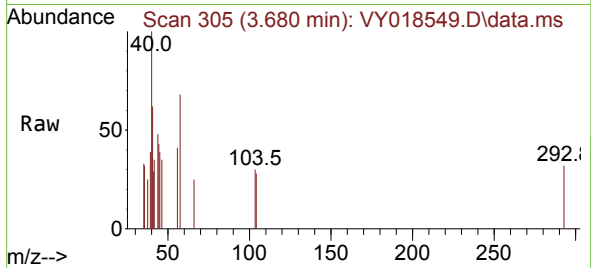




#13
Acrolein
Concen: 30.395 ug/l
RT: 3.680 min Scan# 305
Delta R.T. -0.036 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

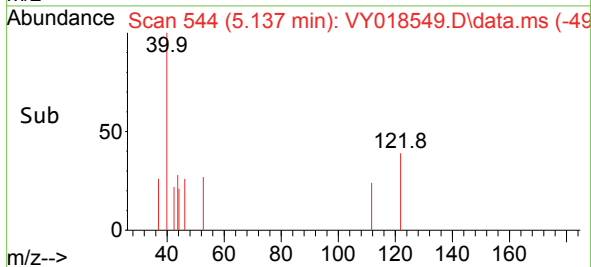
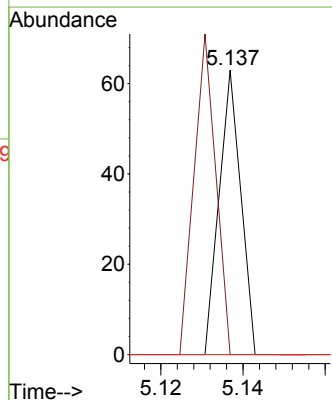
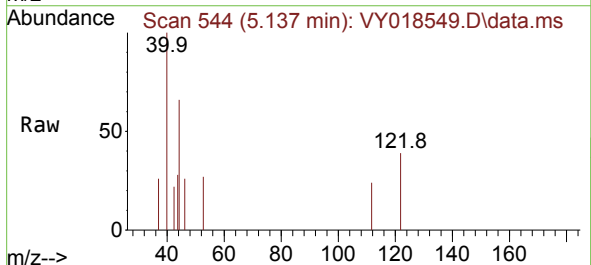
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ClientSampleId :

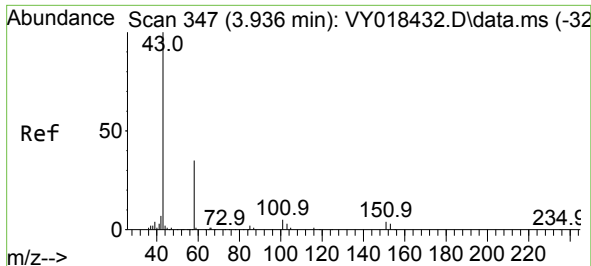
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#15
Acrylonitrile
Concen: 4.644 ug/l
RT: 5.137 min Scan# 544
Delta R.T. -0.006 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 53 Resp: 23
Ion Ratio Lower Upper
53 100
52 113.0 64.7 97.1#
51 0.0 28.4 42.6#

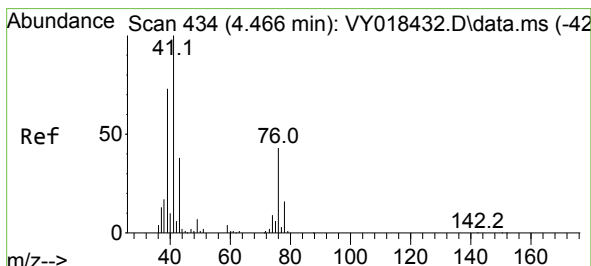
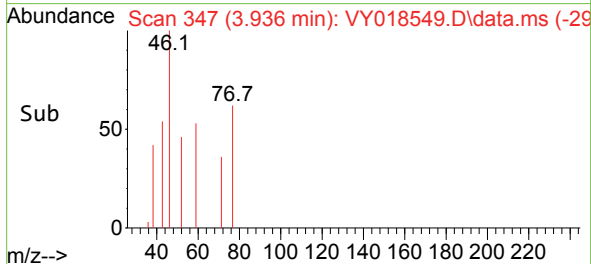
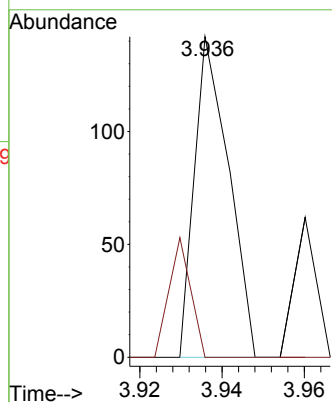
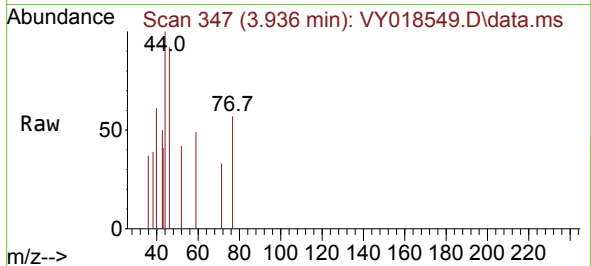




#16
Acetone
Concen: 19.158 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

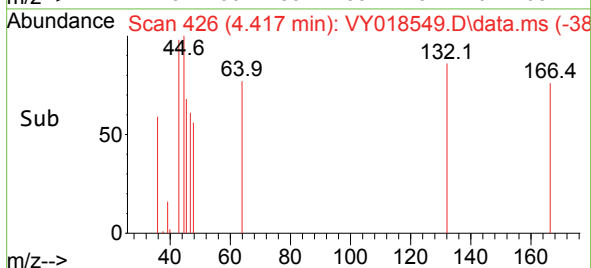
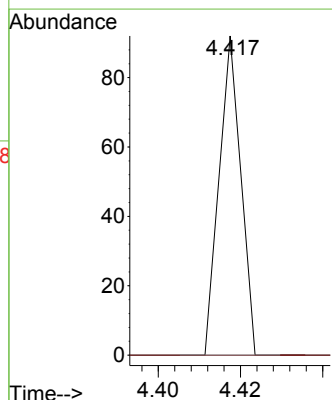
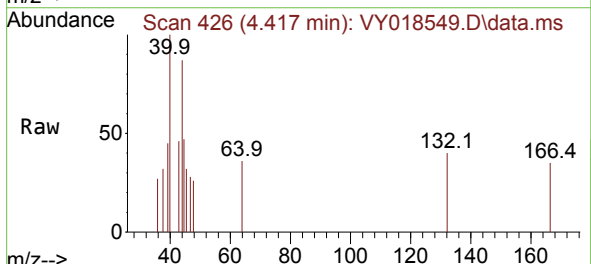
Instrument :
MSVOA_Y
ClientSampleId :

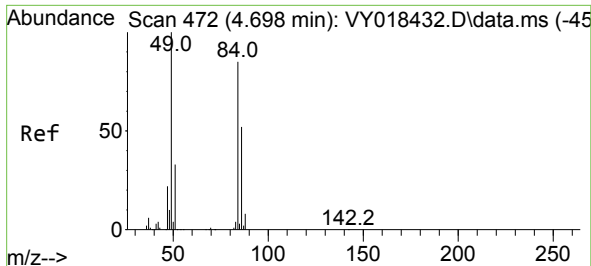
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 3.177 ug/l
RT: 4.417 min Scan# 426
Delta R.T. -0.049 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

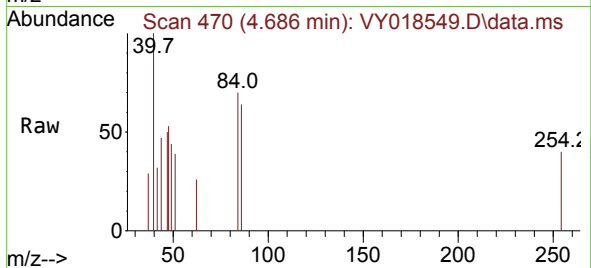
Tgt Ion: 43 Resp: 34
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



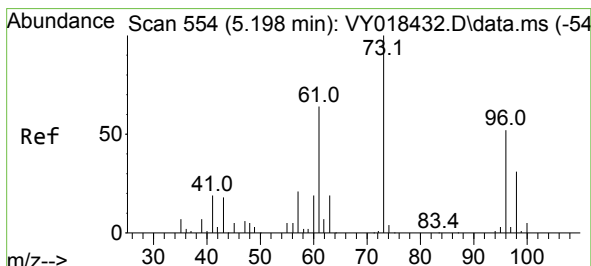
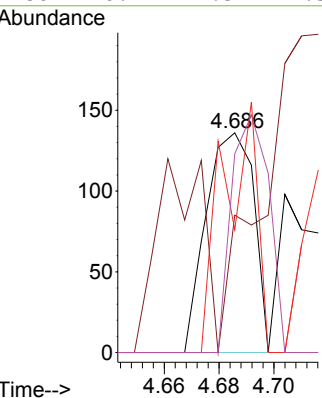
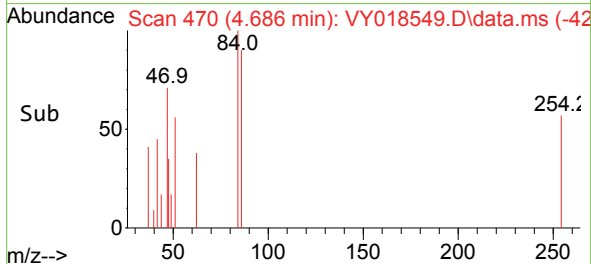


#20
Methylene Chloride
Concen: 3.993 ug/l
RT: 4.686 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

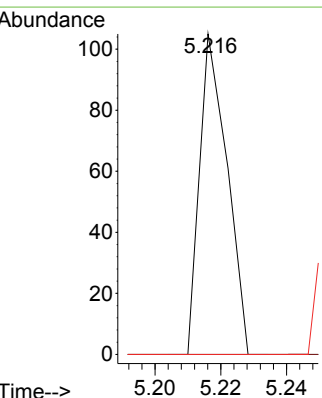
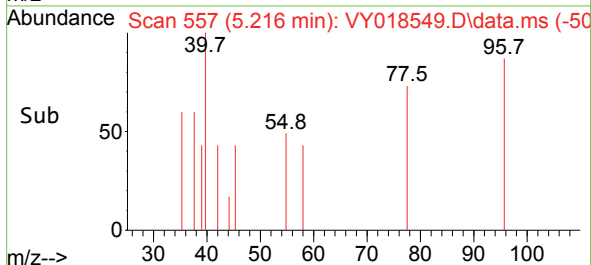
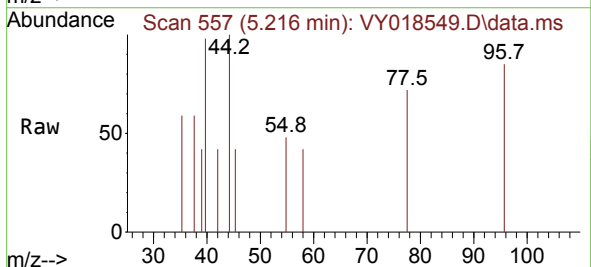


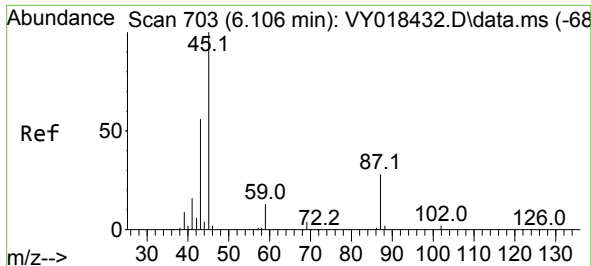
Tgt Ion: 84 Resp: 164
Ion Ratio Lower Upper
84 100
49 0.0 84.4 126.6#
51 55.9 26.0 39.0#
86 90.4 49.5 74.3#



#21
trans-1,2-Dichloroethene
Concen: 2.775 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.018 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

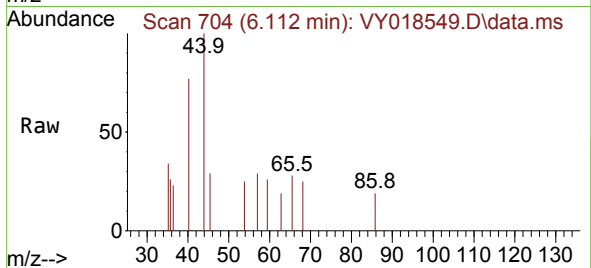
Tgt Ion: 96 Resp: 61
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 0.0 50.5 75.7#



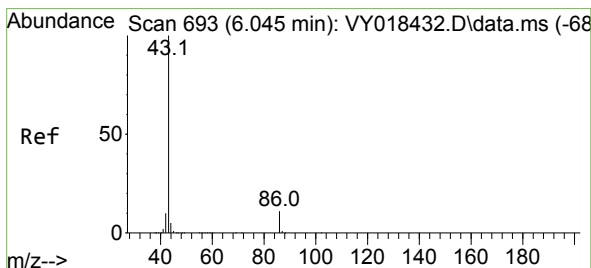
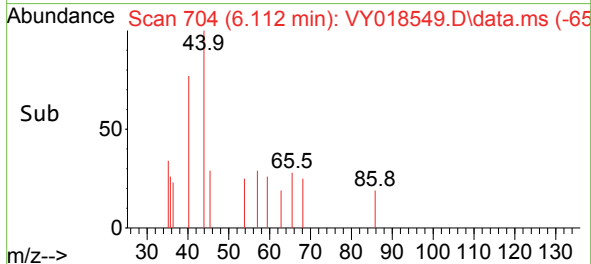
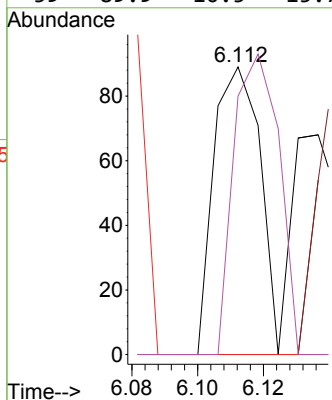


#22
Diisopropyl ether
Concen: 1.416 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

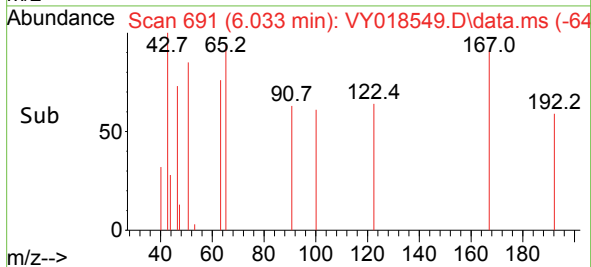
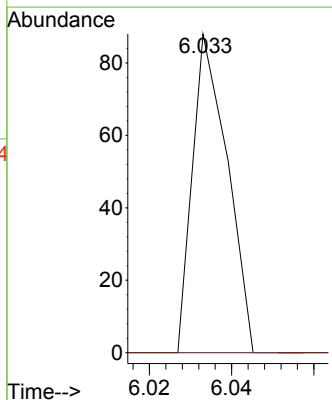
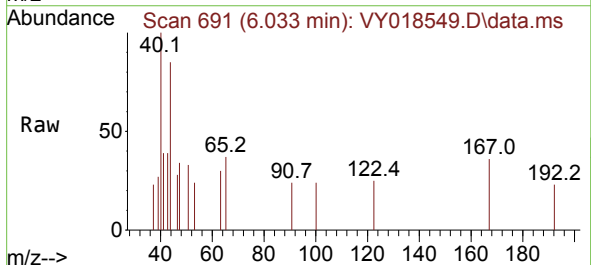


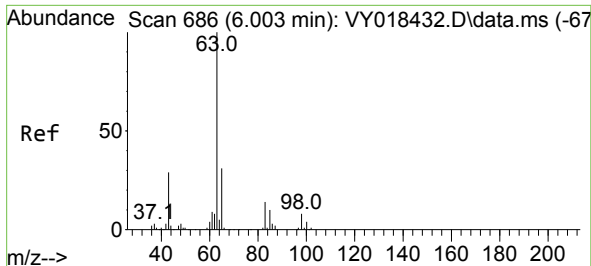
Tgt Ion:	45	Resp:	87
Ion	Ratio	Lower	Upper
45	100		
43	0.0	42.2	63.2#
87	0.0	25.0	37.6#
59	89.9	10.5	15.7#



#23
Vinyl Acetate
Concen: 1.300 ug/l
RT: 6.033 min Scan# 691
Delta R.T. -0.012 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

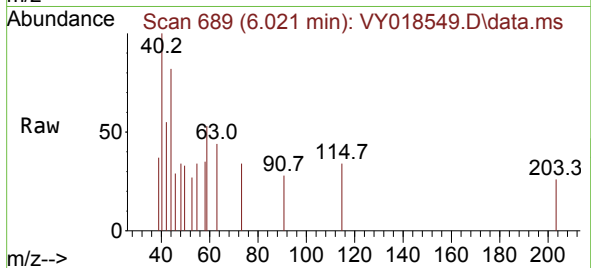
Tgt Ion:	43	Resp:	52
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#



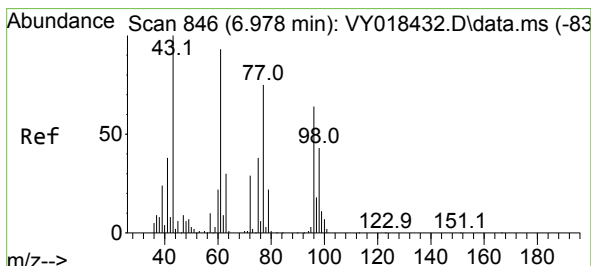
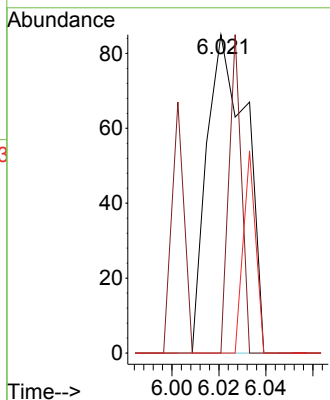
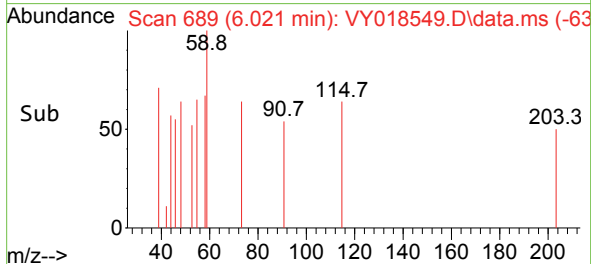


#24
1,1-Dichloroethane
Concen: 2.583 ug/l
RT: 6.021 min Scan# 61
Delta R.T. 0.018 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

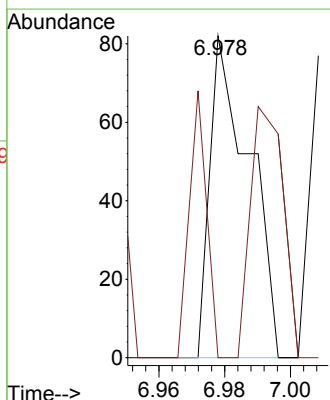
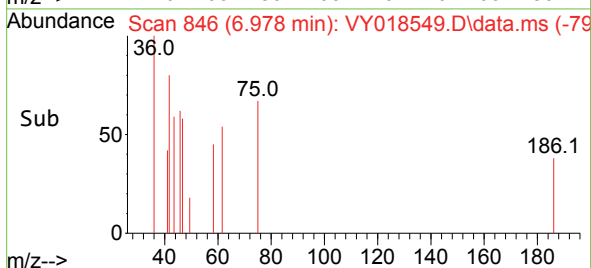
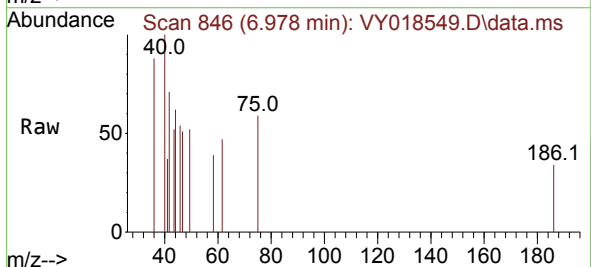


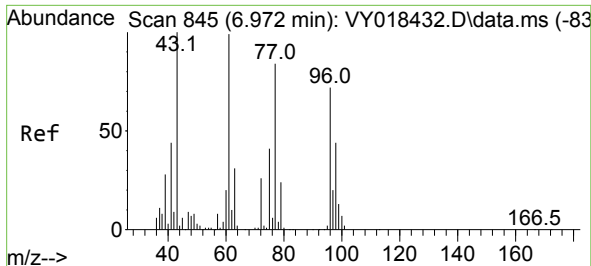
Tgt Ion: 63 Resp: 99
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 10.370 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#27

cis-1,2-Dichloroethene

Concen: 1.290 ug/l

RT: 6.887 min Scan# 81

Delta R.T. -0.085 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

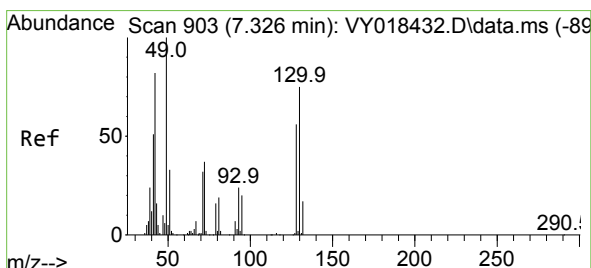
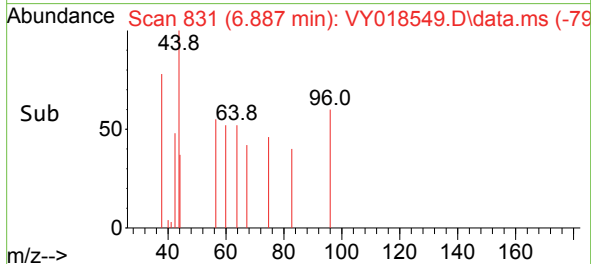
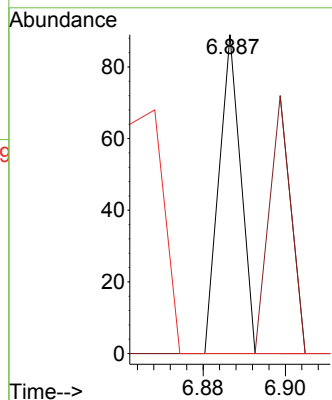
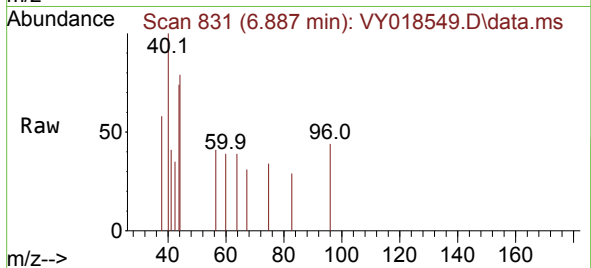
Tgt Ion: 96 Resp: 33

Ion Ratio Lower Upper

96 100

61 78.8 0.0 256.2

98 0.0 0.0 130.0



#28

Bromochloromethane

Concen: 1.531 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.055 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

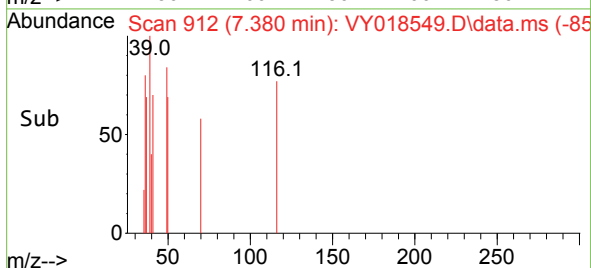
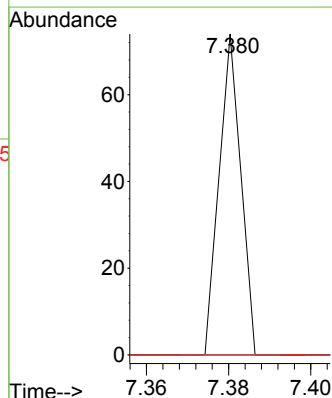
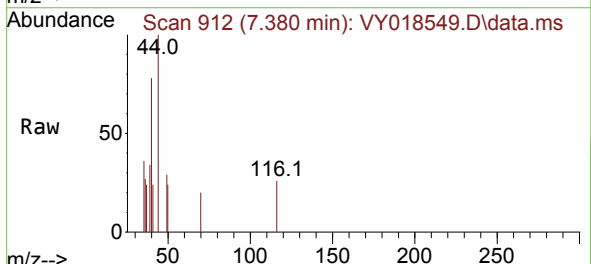
Tgt Ion: 49 Resp: 27

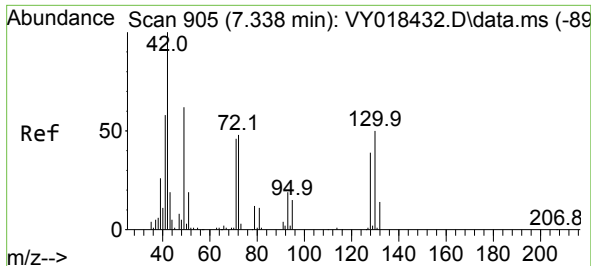
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 15.264 ug/l

RT: 7.325 min Scan# 90

Delta R.T. -0.012 min

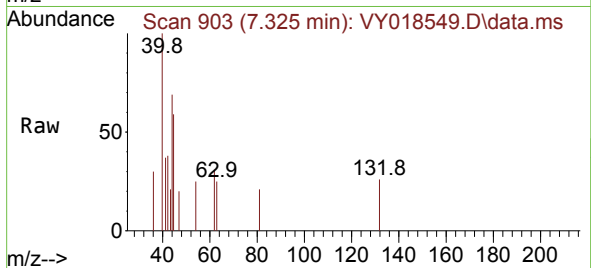
Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

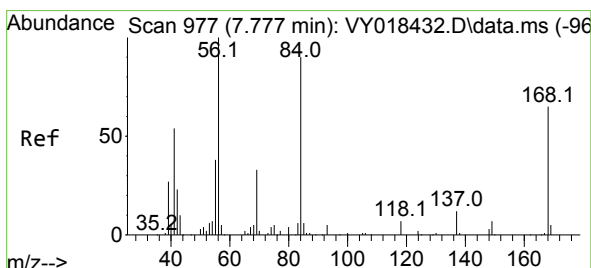
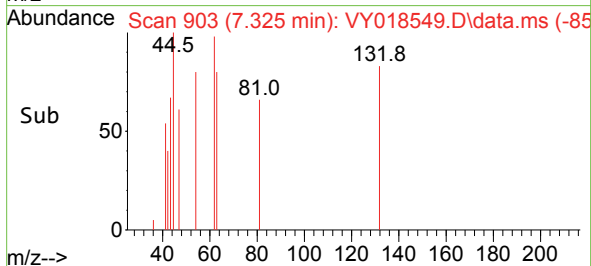
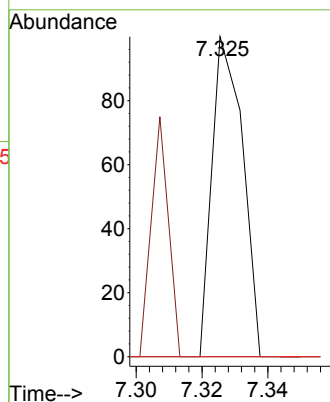
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	65
Ion	Ratio	Lower	Upper
42	100		
72	41.5	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 3.615 ug/l

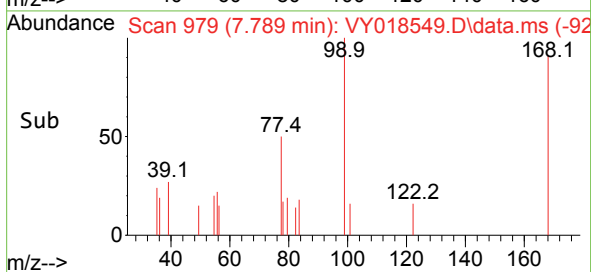
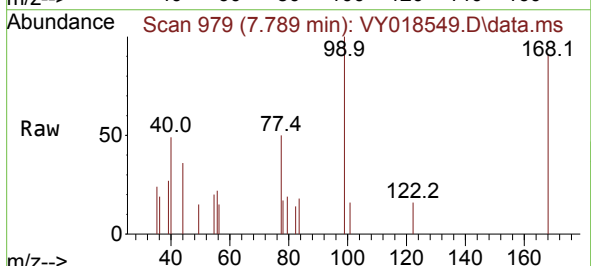
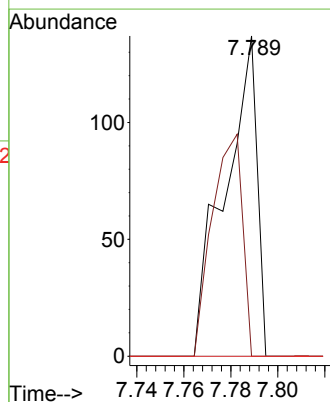
RT: 7.789 min Scan# 979

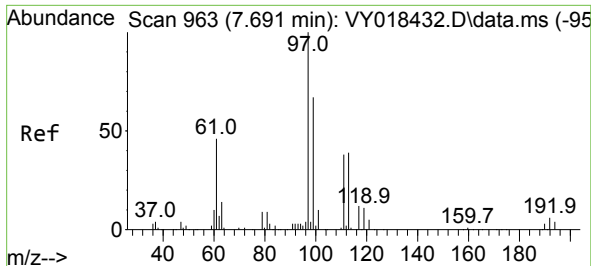
Delta R.T. 0.012 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

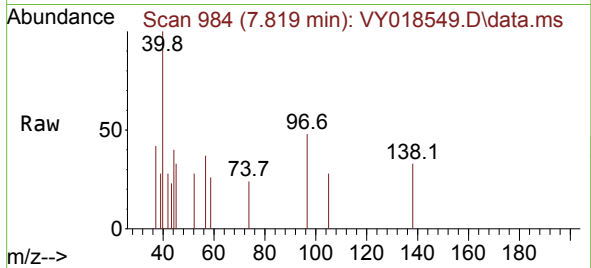
Tgt Ion:	56	Resp:	130
Ion	Ratio	Lower	Upper
56	100		
69	0.0	28.7	43.1#
84	0.0	77.7	116.5#



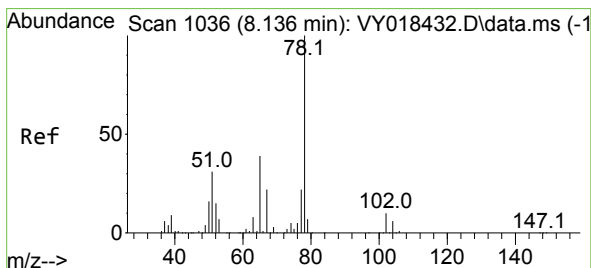
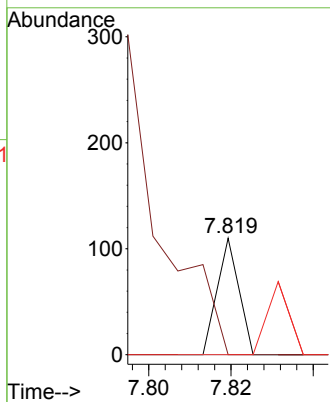
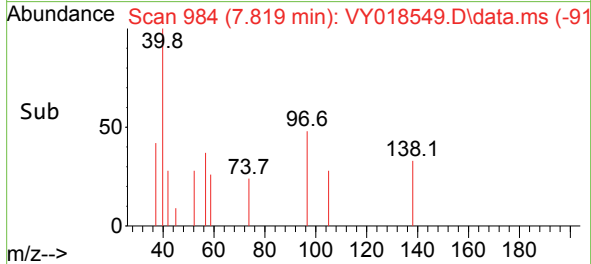


#32
1,1,1-Trichloroethane
Concen: 1.188 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.128 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

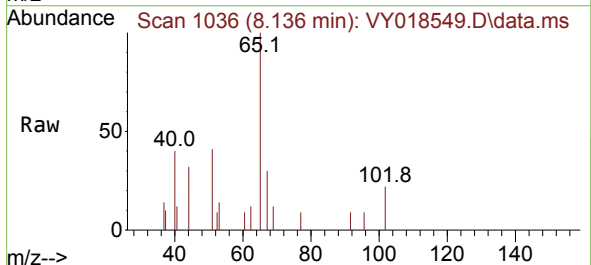
Instrument :
MSVOA_Y
ClientSampleId :



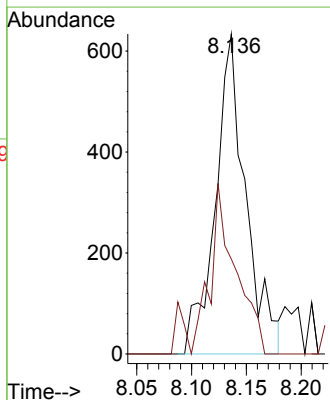
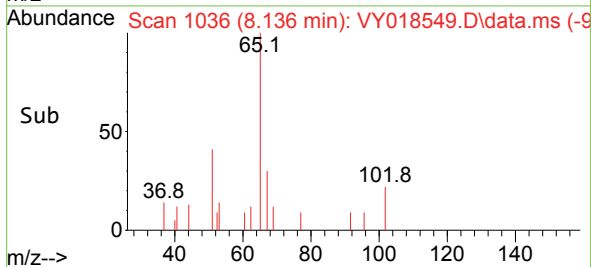
Tgt Ion: 97 Resp: 40
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 62.5 32.6 48.8#

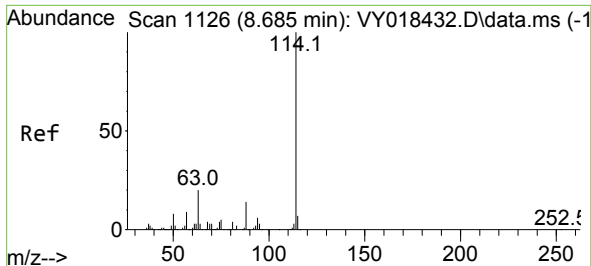


#33
1,2-Dichloroethane-d4
Concen: 63.469 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36



Tgt Ion: 65 Resp: 1224
Ion Ratio Lower Upper
65 100
67 44.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY018549.D

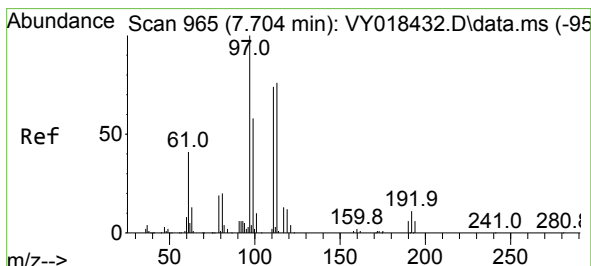
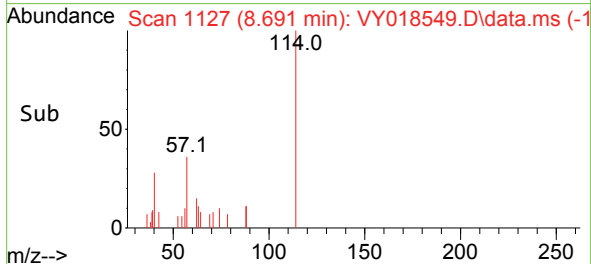
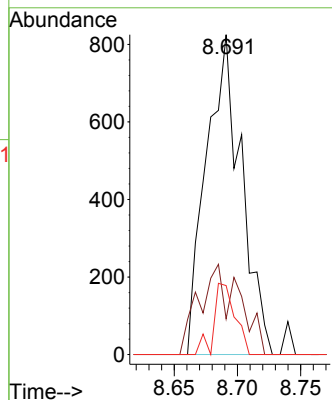
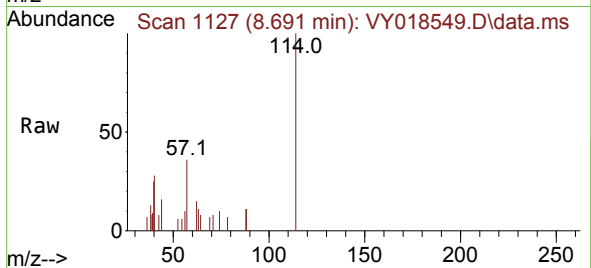
Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	1590
Ion Ratio	Lower	Upper
114	100	
63	11.2	0.0 35.0
88	21.6	0.0 27.2



#35

Dibromofluoromethane

Concen: 46.771 ug/l

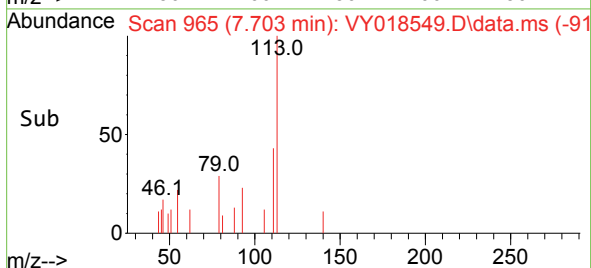
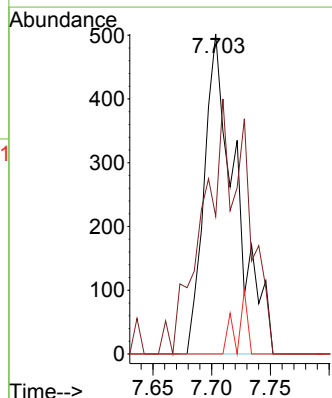
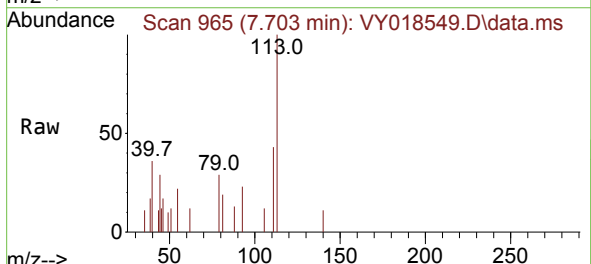
RT: 7.703 min Scan# 965

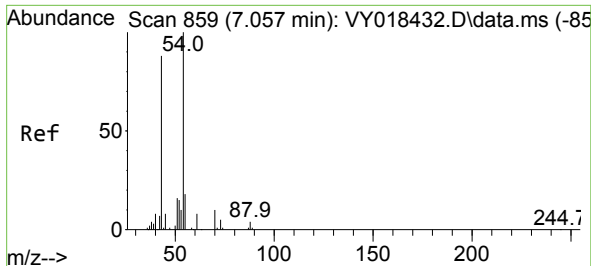
Delta R.T. -0.000 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Tgt Ion:113	Resp:	943
Ion Ratio	Lower	Upper
113	100	
111	108.2	82.2 123.4
192	0.0	15.9 23.9





#37

Ethyl Acetate

Concen: 6.381 ug/l

RT: 7.051 min Scan# 81

Delta R.T. -0.006 min

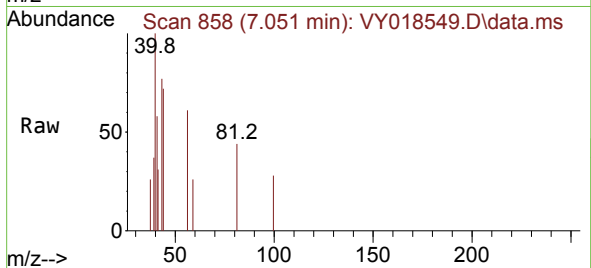
Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :



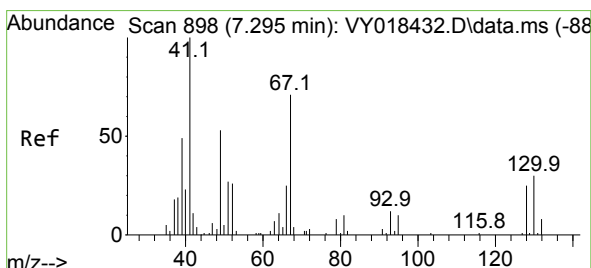
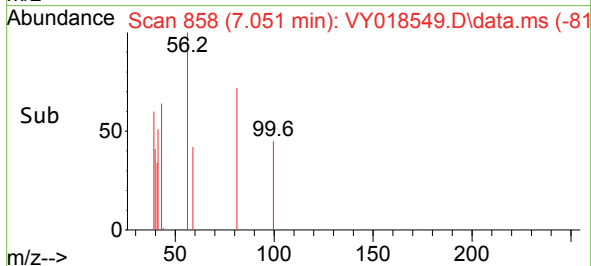
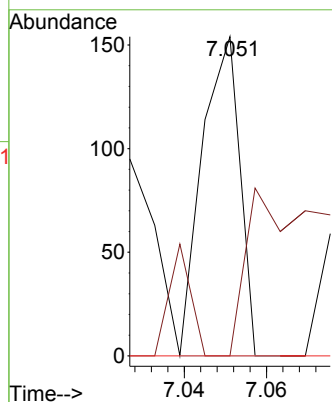
Tgt Ion: 43 Resp: 98

Ion Ratio Lower Upper

43 100

61 146.9 12.6 19.0#

70 0.0 7.8 11.8#



#41

Methacrylonitrile

Concen: 3.748 ug/l

RT: 7.307 min Scan# 900

Delta R.T. 0.012 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Tgt Ion: 41 Resp: 28

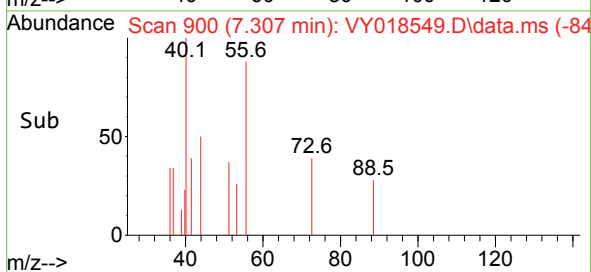
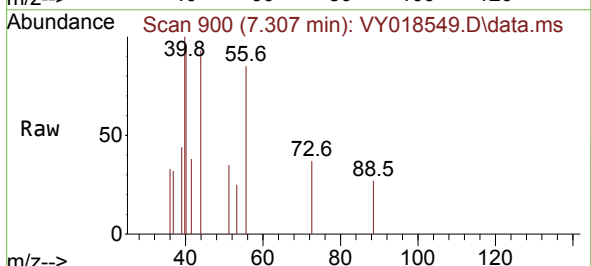
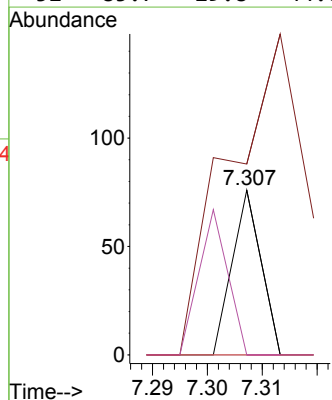
Ion Ratio Lower Upper

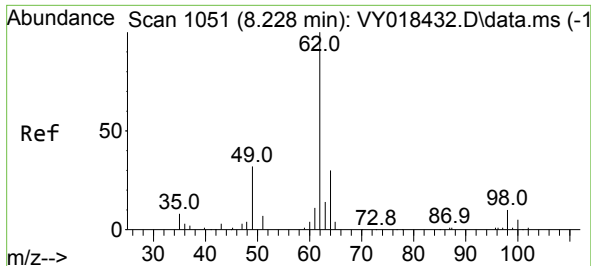
41 100

39 510.7 48.0 72.0#

67 0.0 75.1 112.7#

52 85.7 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 2.367 ug/l

RT: 8.216 min Scan# 1049

Delta R.T. -0.012 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

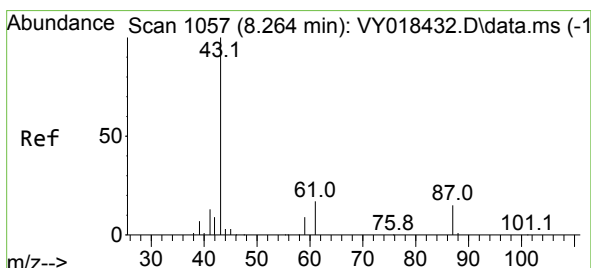
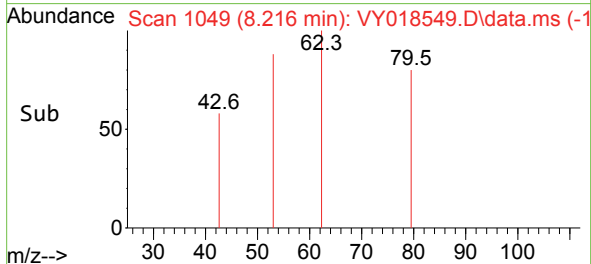
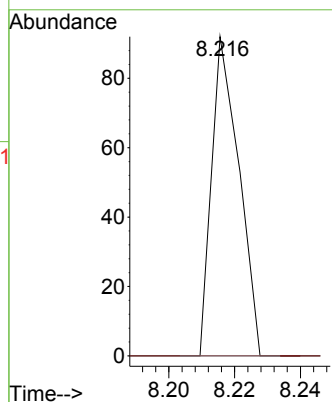
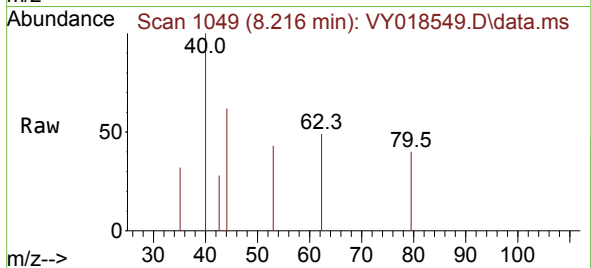
ClientSampleId :

Tgt Ion: 62 Resp: 53

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 3.030 ug/l

RT: 8.258 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

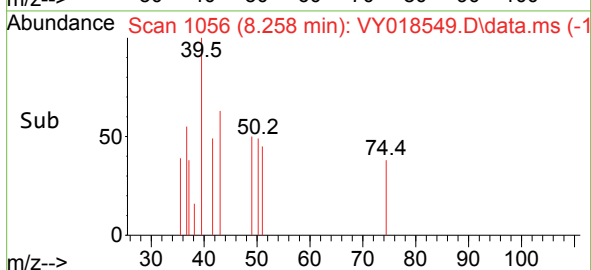
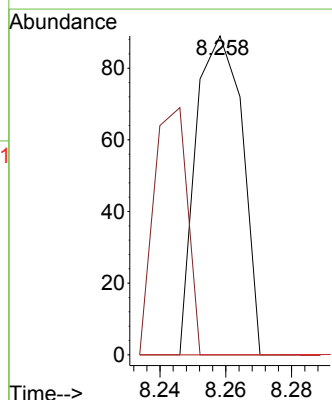
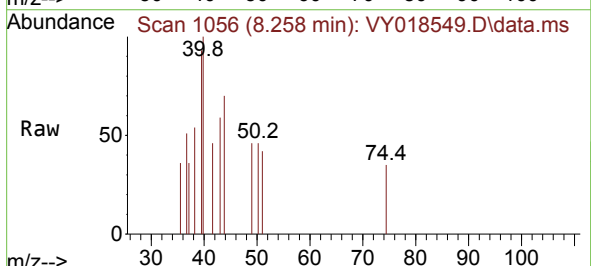
Tgt Ion: 43 Resp: 87

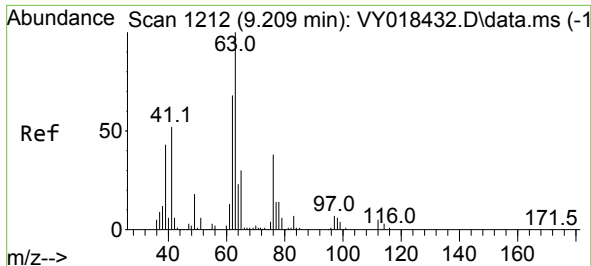
Ion Ratio Lower Upper

43 100

61 56.3 27.9 41.9#

87 0.0 13.1 19.7#





#45

1,2-Dichloropropane

Concen: 2.089 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

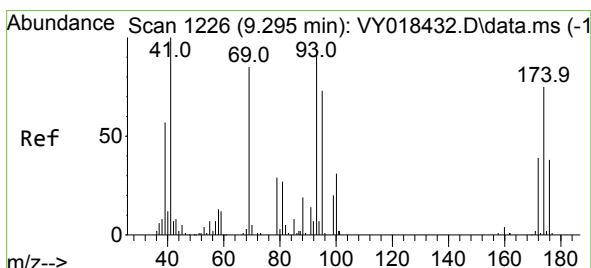
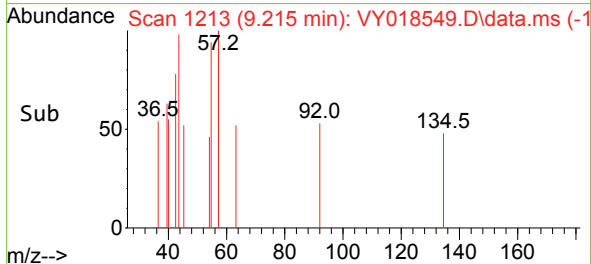
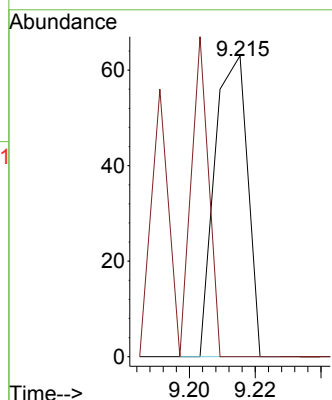
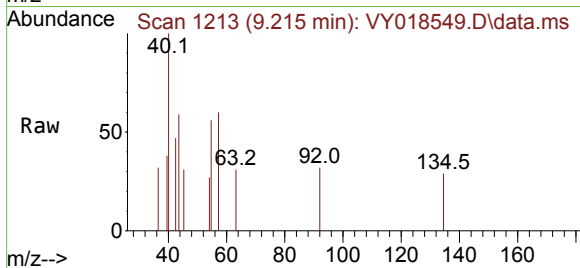
ClientSampleId :

Tgt Ion: 63 Resp: 44

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 1.904 ug/l

RT: 9.374 min Scan# 1239

Delta R.T. 0.079 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

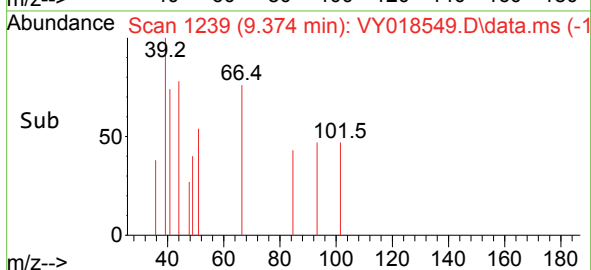
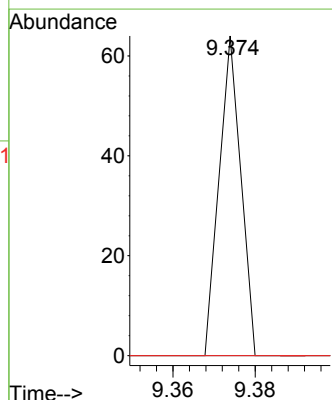
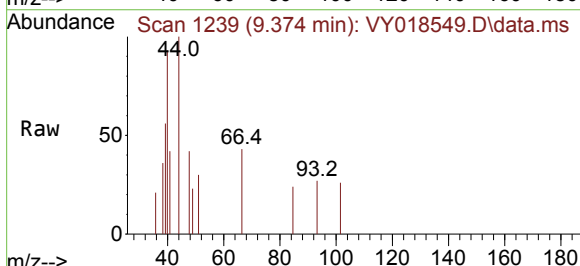
Tgt Ion: 93 Resp: 23

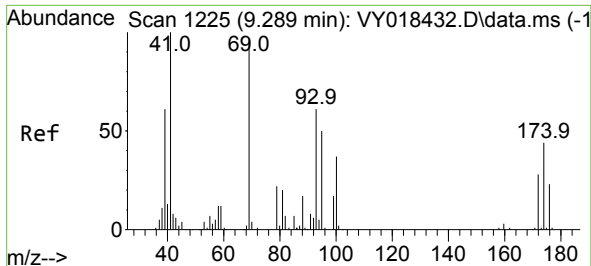
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

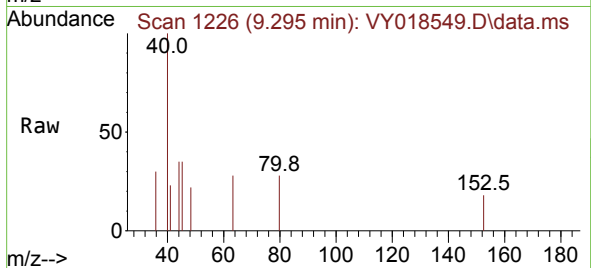
174 0.0 80.9 121.3#



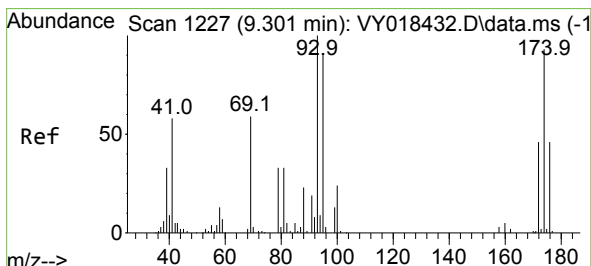
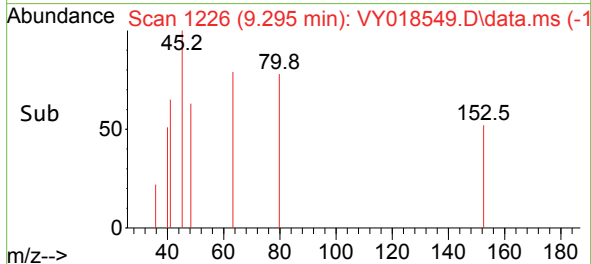
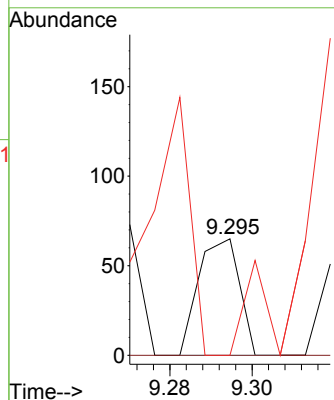


#48
Methyl methacrylate
Concen: 3.406 ug/l
RT: 9.295 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

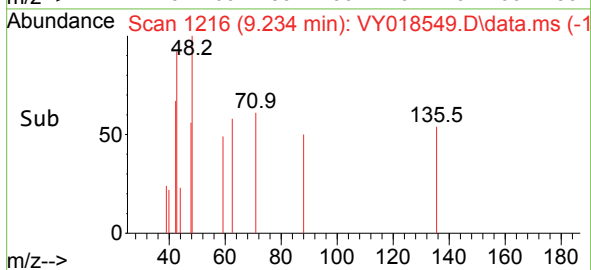
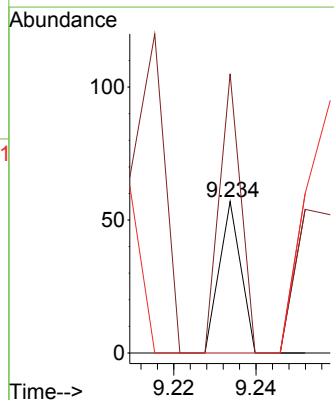
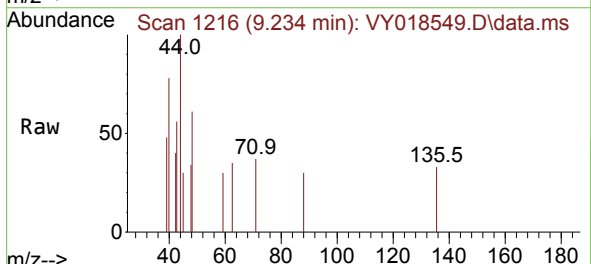


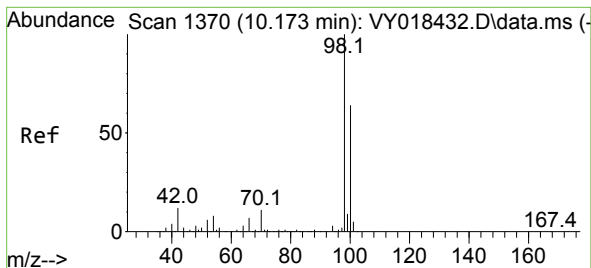
Tgt Ion: 41 Resp: 45
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 0.0 43.6 65.4#



#49
1,4-Dioxane
Concen: 132.403 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. -0.067 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 181.0 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 34.160 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

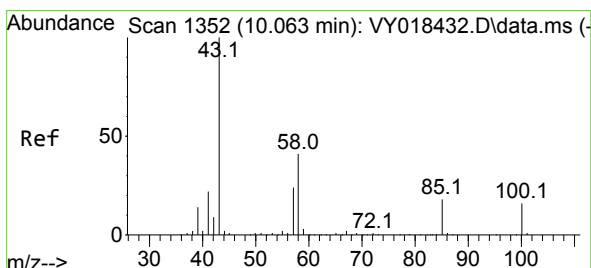
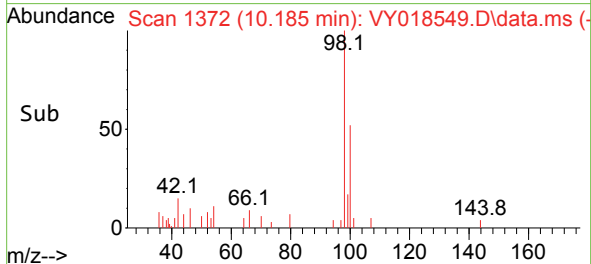
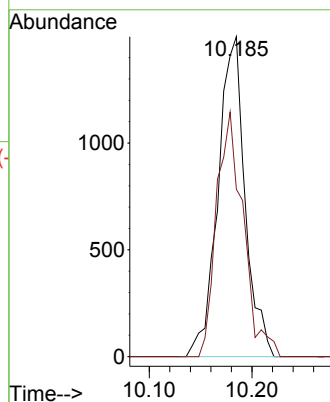
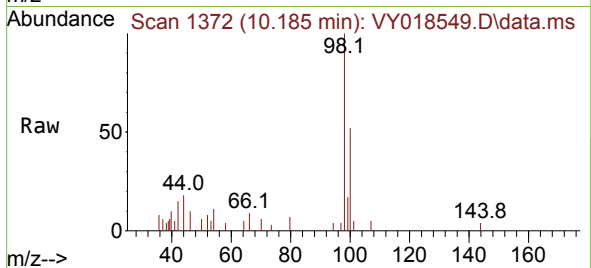
ClientSampleId :

Tgt Ion: 98 Resp: 2740

Ion Ratio Lower Upper

98 100

100 75.5 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 7.980 ug/l

RT: 9.959 min Scan# 1335

Delta R.T. -0.104 min

Lab File: VY018549.D

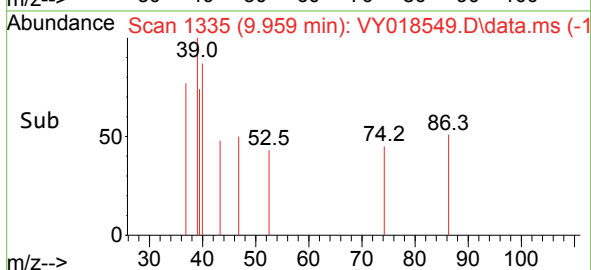
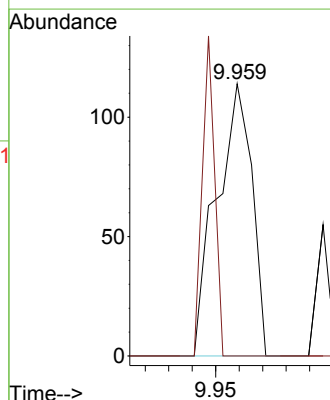
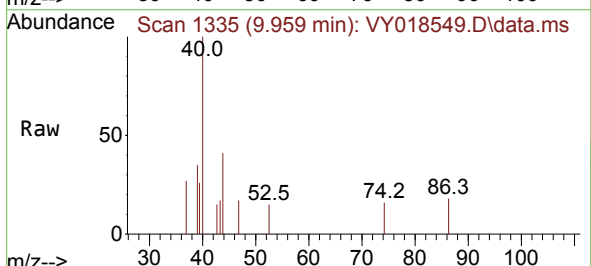
Acq: 10 Jun 2024 14:36

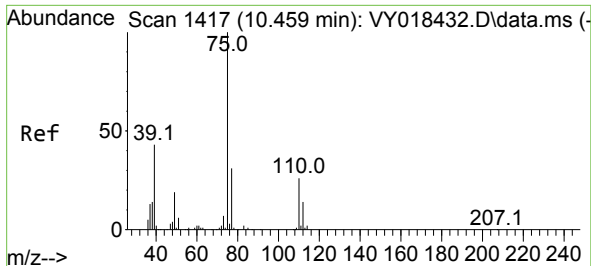
Tgt Ion: 43 Resp: 119

Ion Ratio Lower Upper

43 100

58 41.2 35.7 53.5

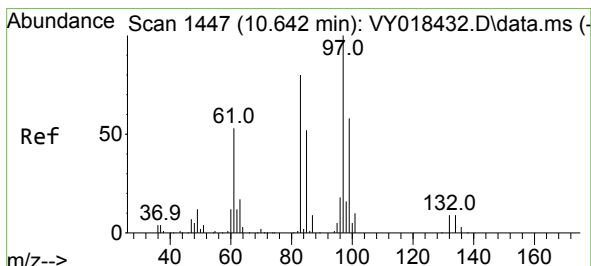
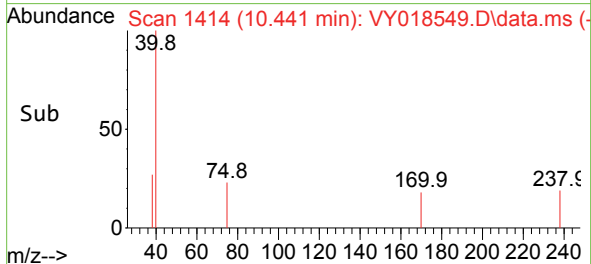
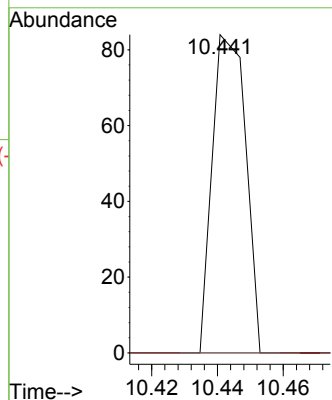
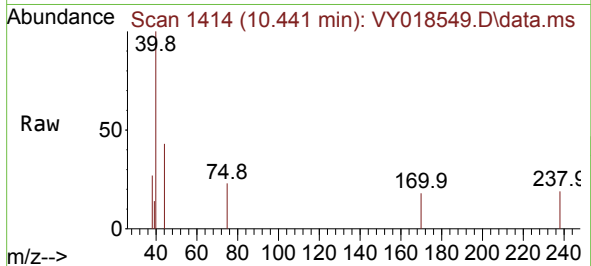




#53
t-1,3-Dichloropropene
Concen: 2.216 ug/l
RT: 10.441 min Scan# 1414
Delta R.T. -0.018 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

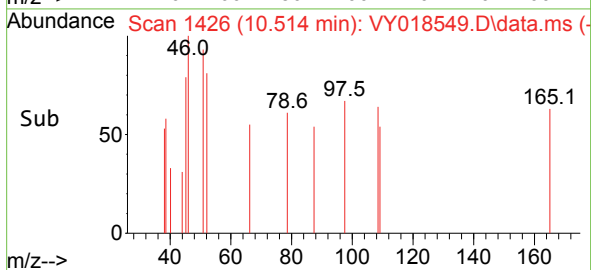
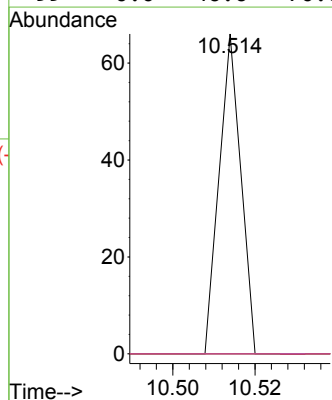
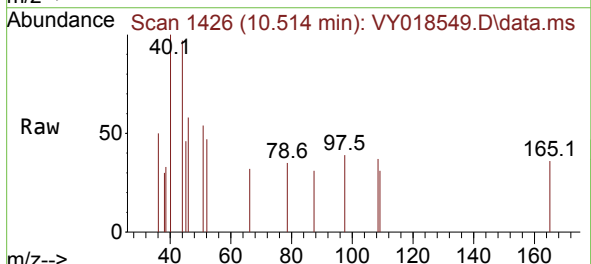
Instrument :
MSVOA_Y
ClientSampleId :

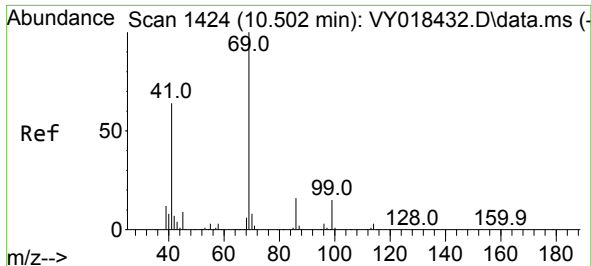
Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 0.0 24.1 36.1#



#55
1,1,2-Trichloroethane
Concen: 1.527 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.128 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

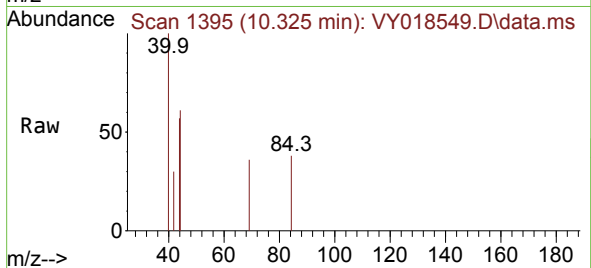
Tgt Ion: 97 Resp: 24
Ion Ratio Lower Upper
97 100
83 0.0 67.5 101.3#
85 0.0 42.9 64.3#
99 0.0 46.6 70.0#



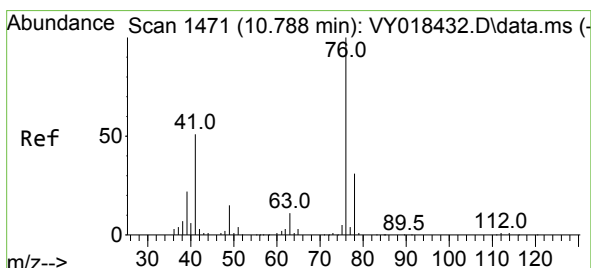
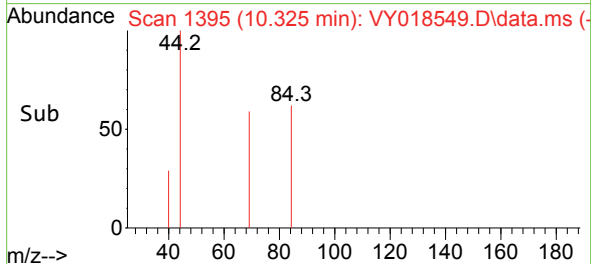
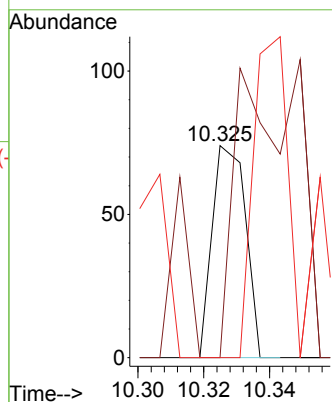


#56
Ethyl methacrylate
Concen: 2.352 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.177 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

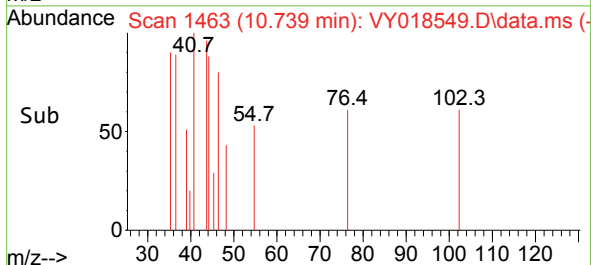
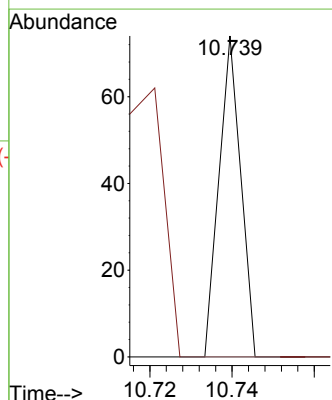
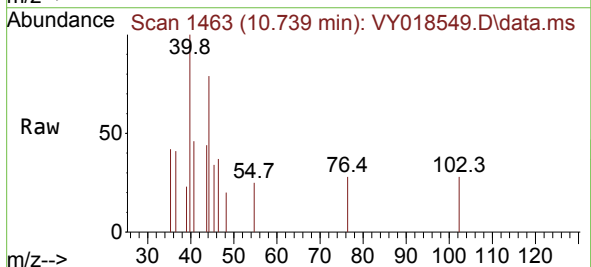


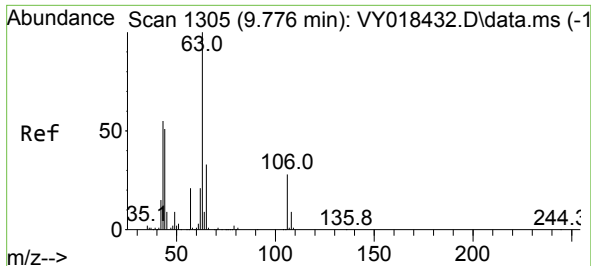
Tgt Ion: 69 Resp: 52
Ion Ratio Lower Upper
69 100
41 44.2 42.3 63.5
39 0.0 22.9 34.3#



#57
1,3-Dichloropropane
Concen: 1.012 ug/l
RT: 10.739 min Scan# 1463
Delta R.T. -0.049 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 76 Resp: 27
Ion Ratio Lower Upper
76 100
78 163.0 26.2 39.4#

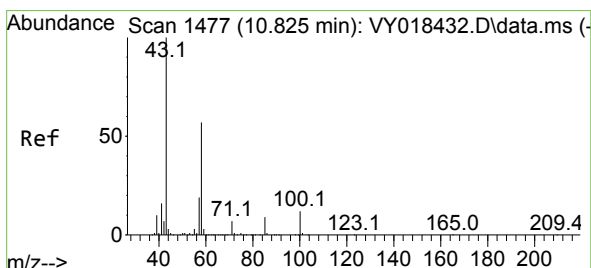
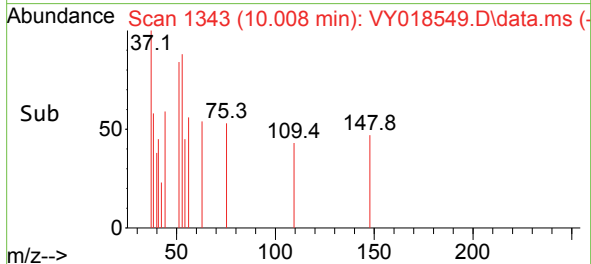
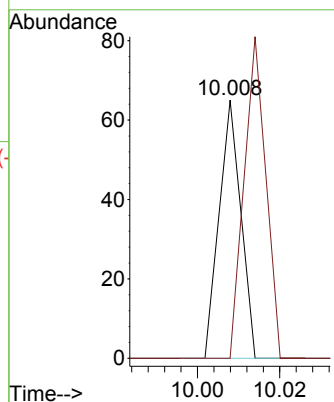
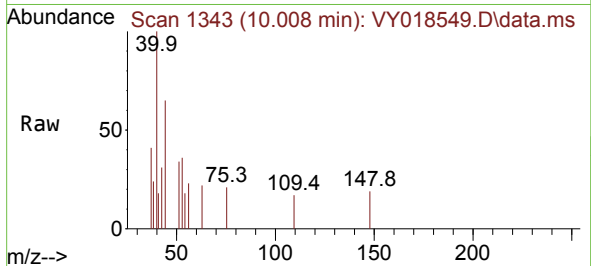




#58
2-Chloroethyl Vinyl ether
Concen: 2.021 ug/l
RT: 10.008 min Scan# 11
Delta R.T. 0.232 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

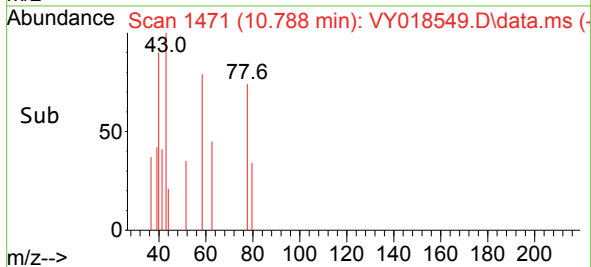
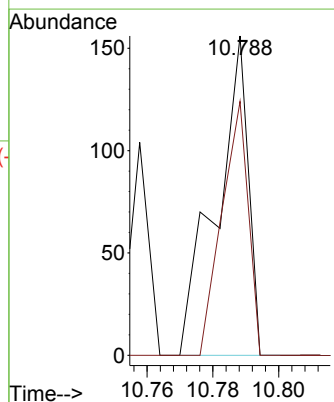
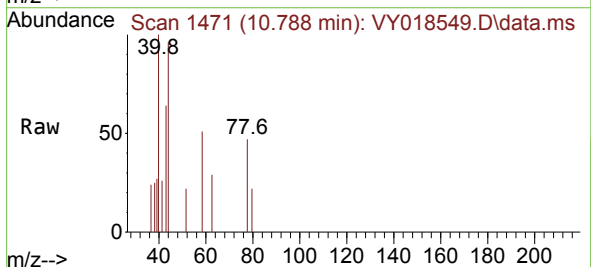
Instrument :
MSVOA_Y
ClientSampleId :

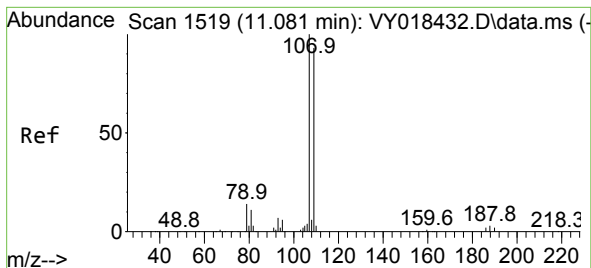
Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 125.0 23.7 35.5#



#59
2-Hexanone
Concen: 10.190 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.037 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
58 65.7 31.4 94.0

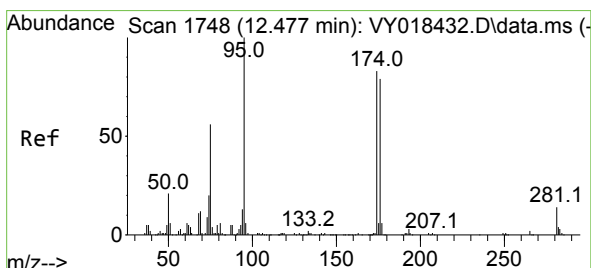
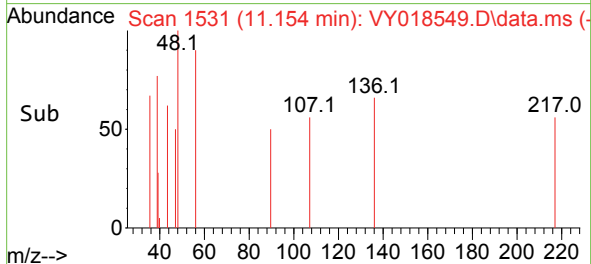
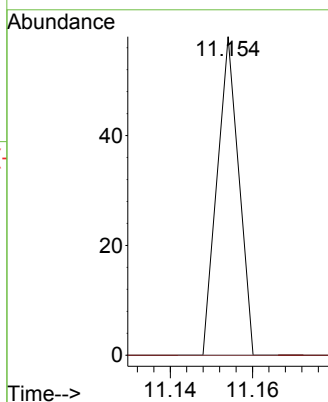
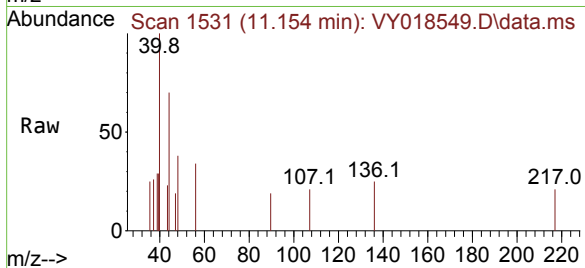




#61
1,2-Dibromoethane
Concen: 1.419 ug/l
RT: 11.154 min Scan# 11
Delta R.T. 0.073 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

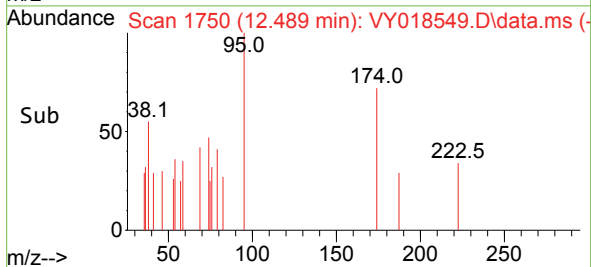
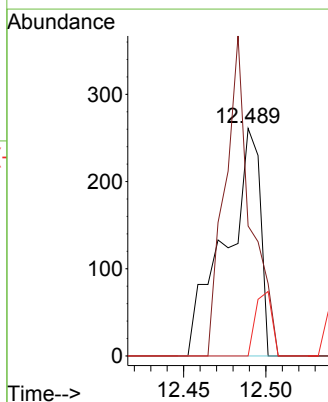
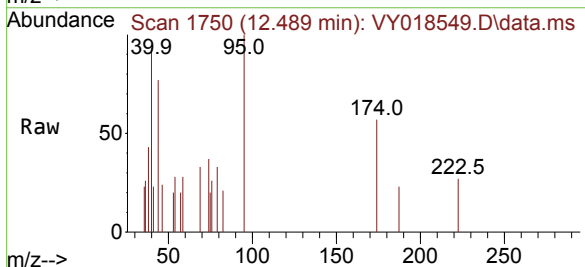
Instrument :
MSVOA_Y
ClientSampleId :

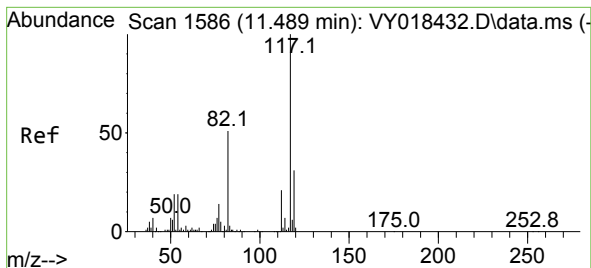
Tgt Ion:107 Resp: 21
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



#62
4-Bromofluorobenzene
Concen: 15.256 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 95 Resp: 381
Ion Ratio Lower Upper
95 100
174 105.2 0.0 175.6
176 13.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

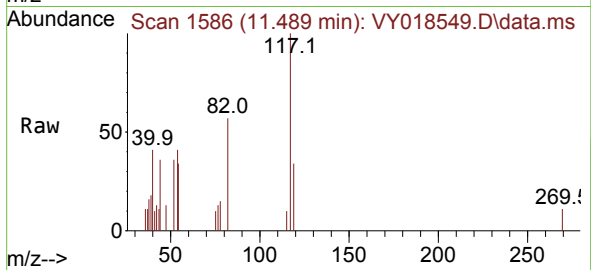
Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :



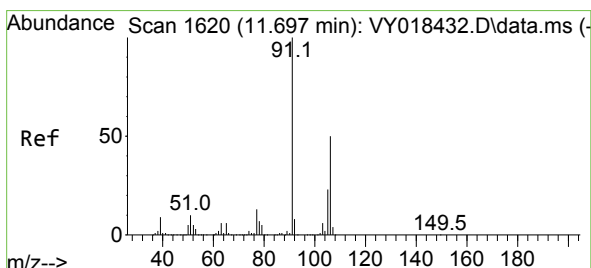
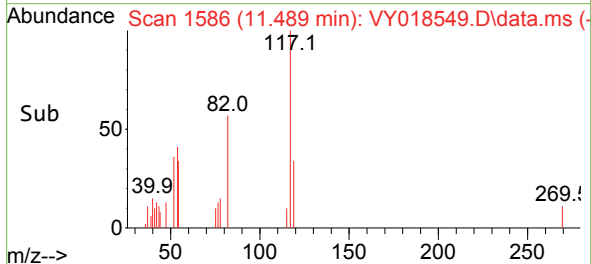
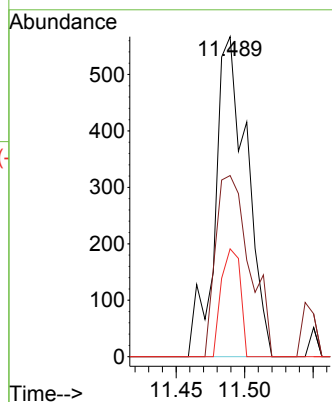
Tgt Ion:117 Resp: 913

Ion Ratio Lower Upper

117 100

82 56.6 42.4 63.6

119 33.7 25.9 38.9



#68

m/p-Xylenes

Concen: 1.789 ug/l

RT: 11.892 min Scan# 1652

Delta R.T. 0.195 min

Lab File: VY018549.D

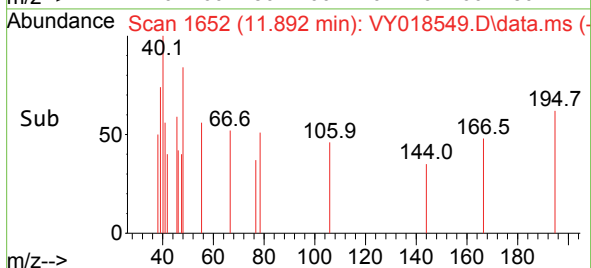
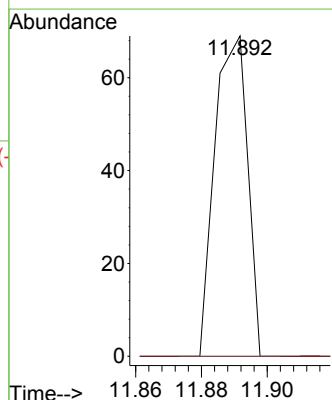
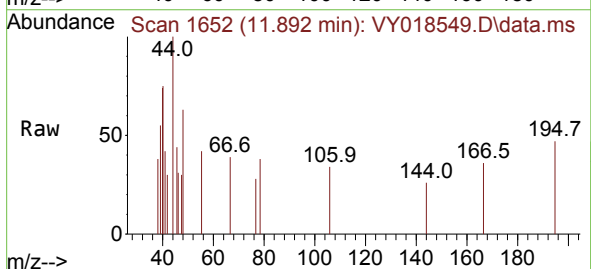
Acq: 10 Jun 2024 14:36

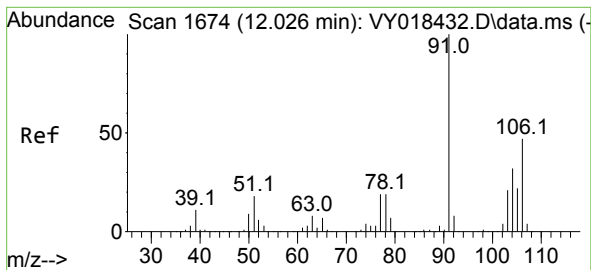
Tgt Ion:106 Resp: 48

Ion Ratio Lower Upper

106 100

91 0.0 156.0 234.0#





#69

o-Xylene

Concen: 1.665 ug/l

RT: 12.087 min Scan# 1

Delta R.T. 0.061 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

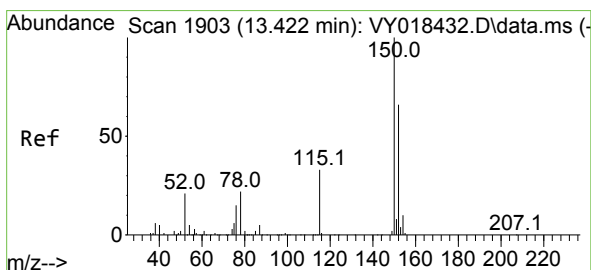
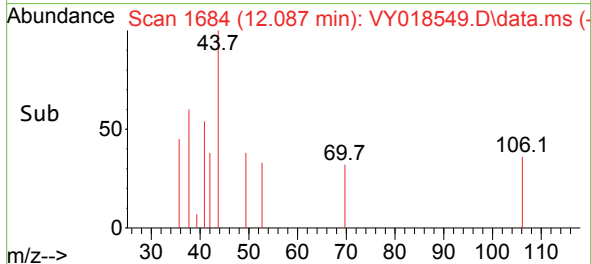
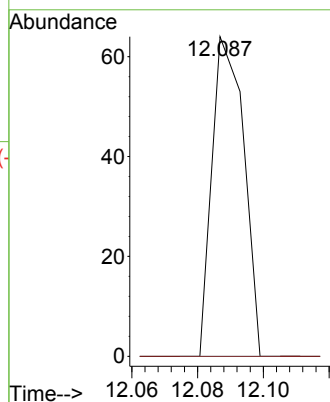
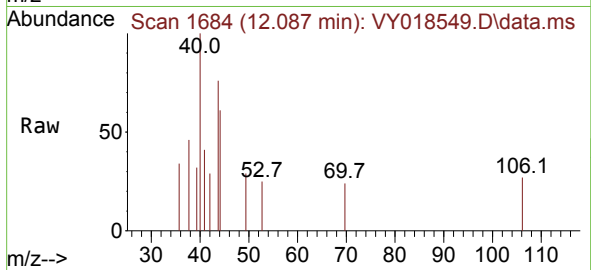
ClientSampleId :

Tgt Ion:106 Resp: 43

Ion Ratio Lower Upper

106 100

91 0.0 103.6 310.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

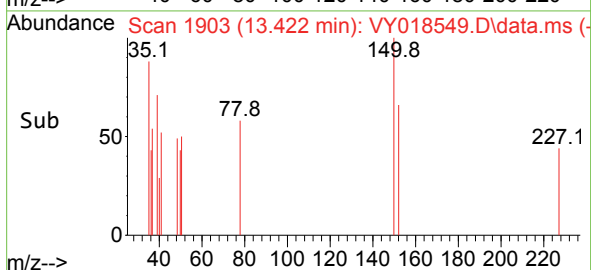
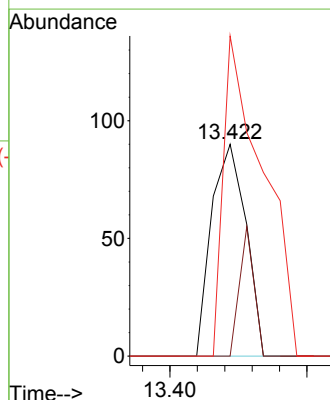
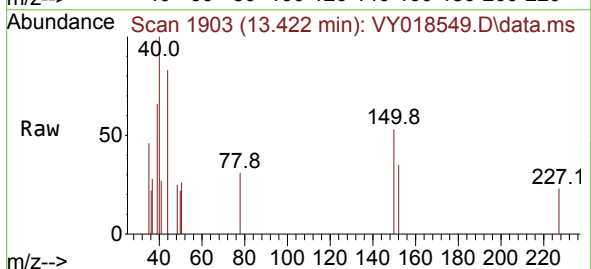
Tgt Ion:152 Resp: 78

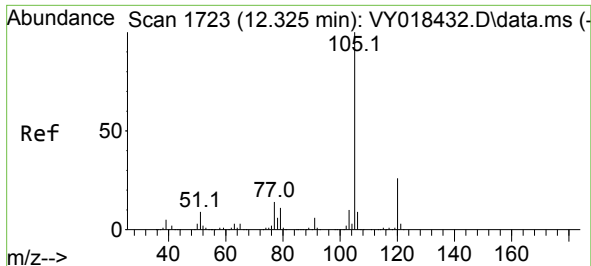
Ion Ratio Lower Upper

152 100

115 25.6 28.2 84.7#

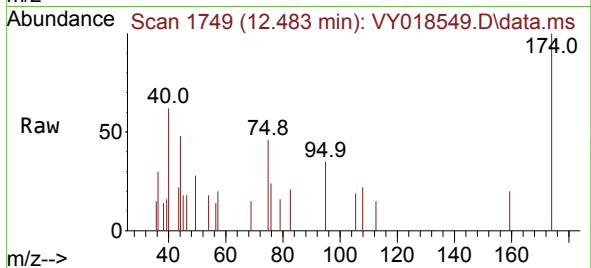
150 175.6 0.0 345.6



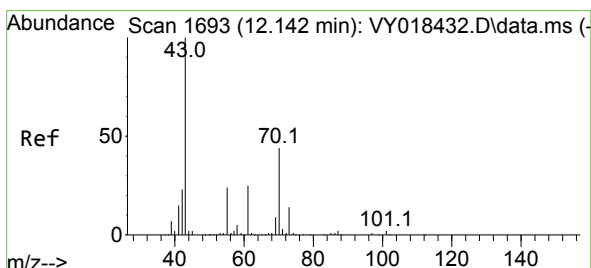
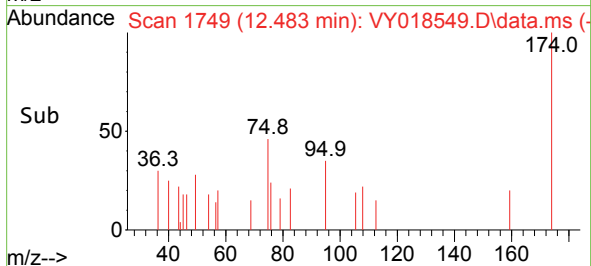
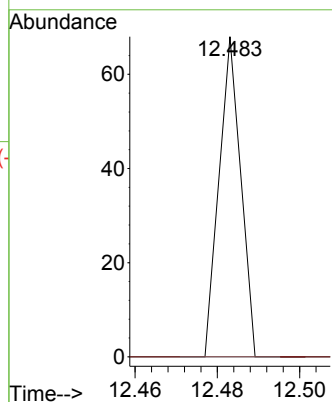


#73
Isopropylbenzene
Concen: 3.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.158 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :

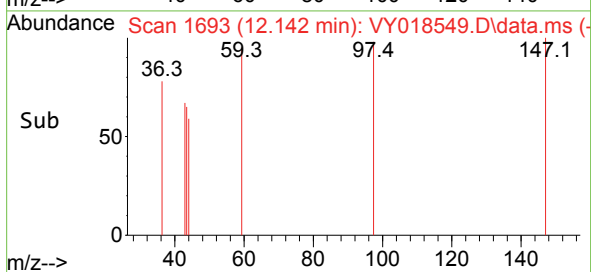
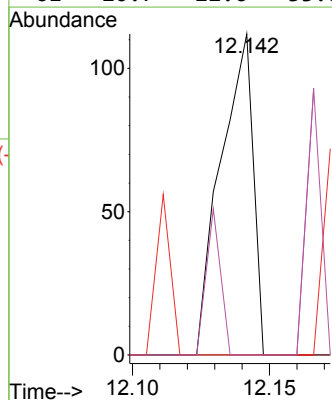
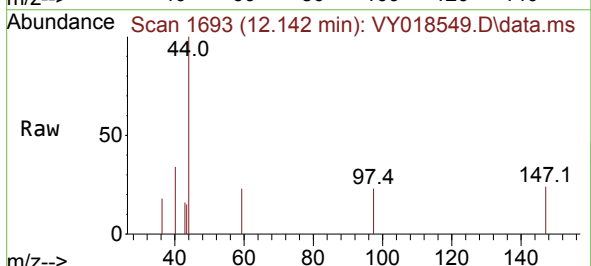


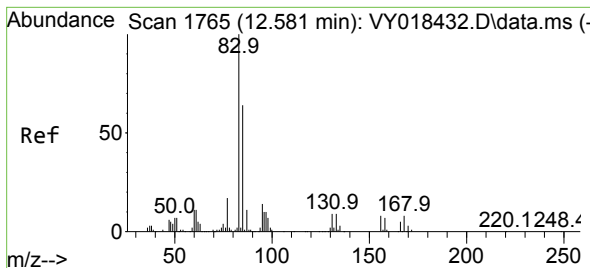
Tgt Ion:105 Resp: 25
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.1#



#74
N-ethyl acetate
Concen: 46.957 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.2#
55 0.0 23.3 34.9#
61 20.7 22.6 33.8#

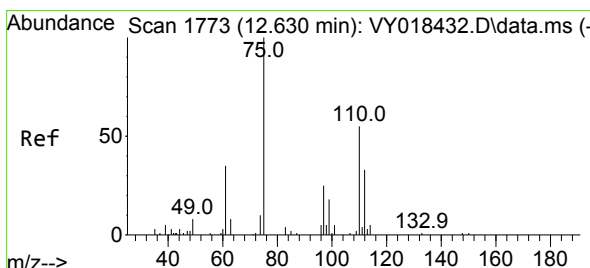
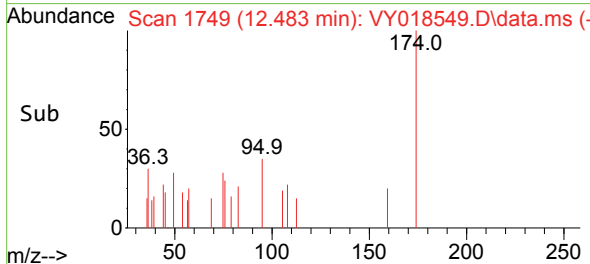
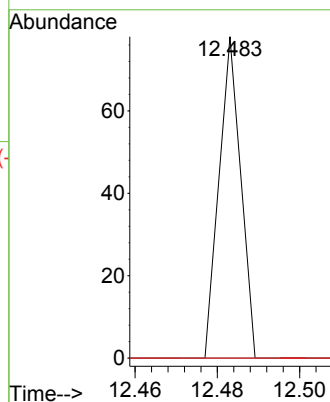
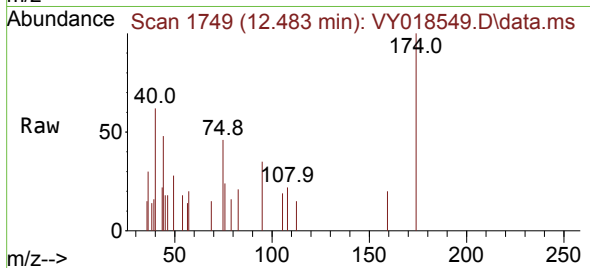




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.467 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.098 min
 Lab File: VY018549.D
 Acq: 10 Jun 2024 14:36

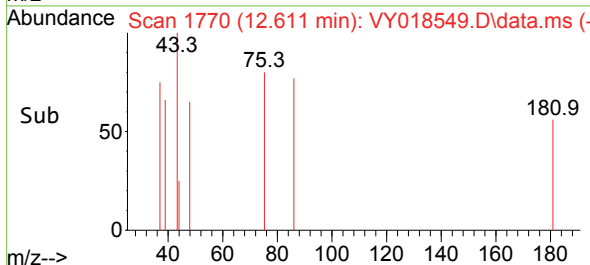
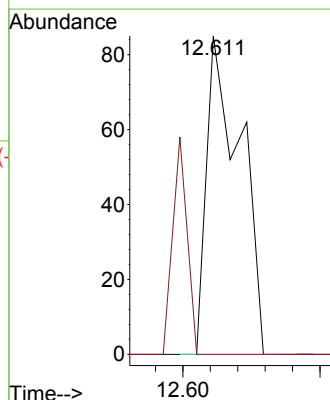
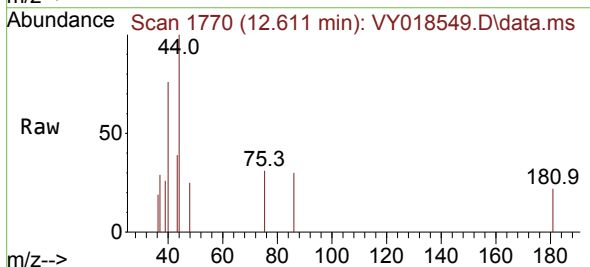
Instrument :
 MSVOA_Y
 ClientSampleId :

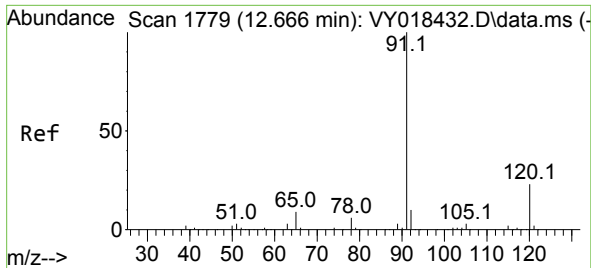
Tgt Ion: 83 Resp: 29
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 0.0 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 75.475 ug/l
 RT: 12.611 min Scan# 1770
 Delta R.T. -0.018 min
 Lab File: VY018549.D
 Acq: 10 Jun 2024 14:36

Tgt Ion: 75 Resp: 73
 Ion Ratio Lower Upper
 75 100
 77 28.8 0.0 0.0#

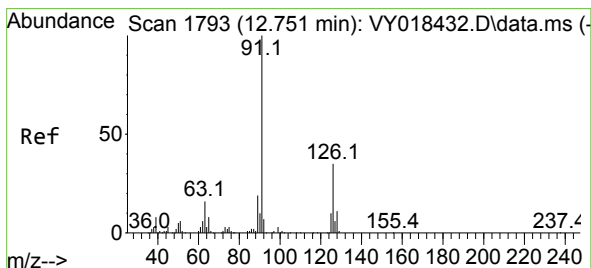
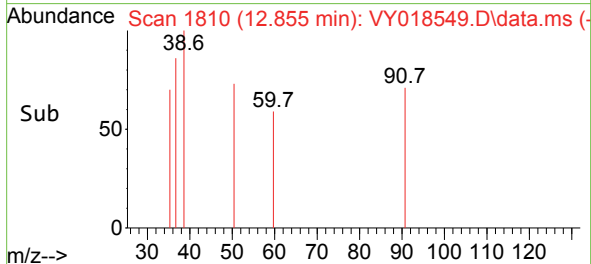
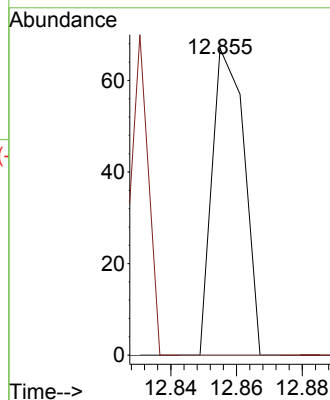
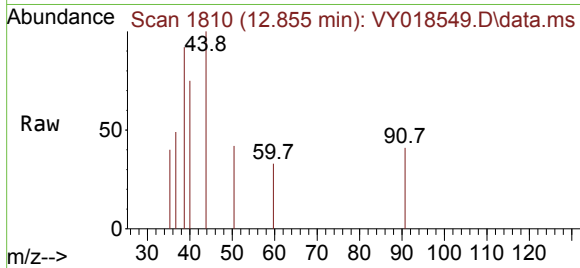




#78
n-propylbenzene
Concen: 4.658 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.189 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

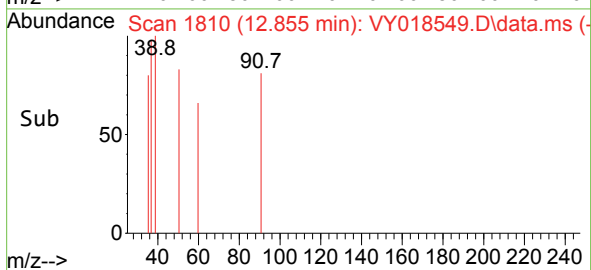
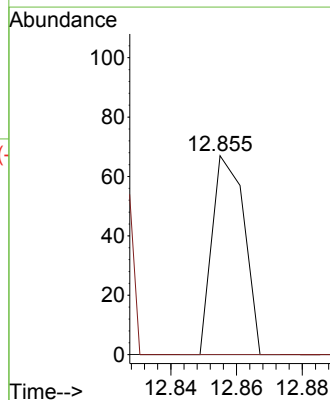
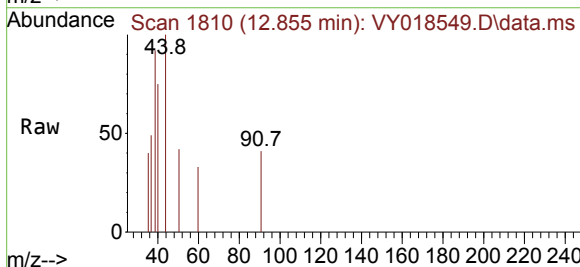
Instrument :
MSVOA_Y
ClientSampleId :

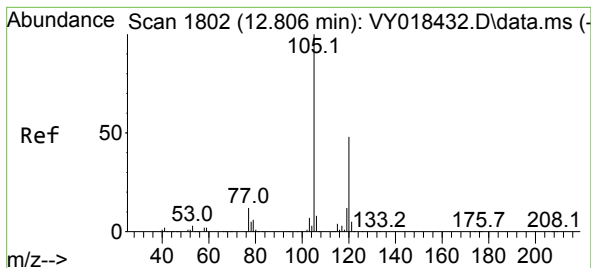
Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#



#79
2-Chlorotoluene
Concen: 8.568 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.104 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 3.031 ug/l

RT: 12.892 min Scan# 11

Delta R.T. 0.085 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

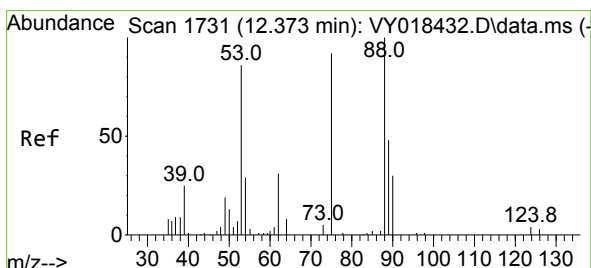
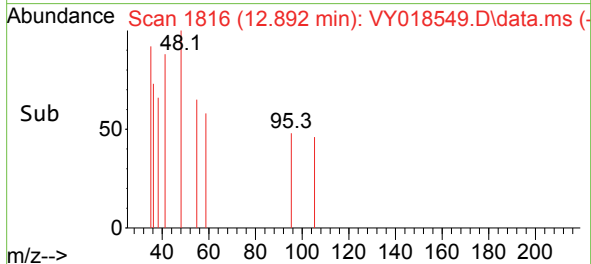
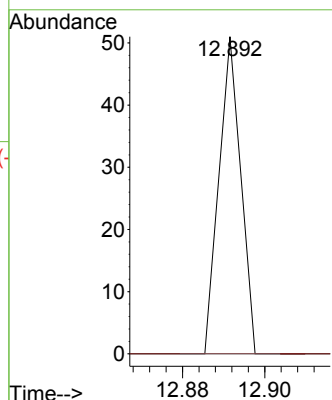
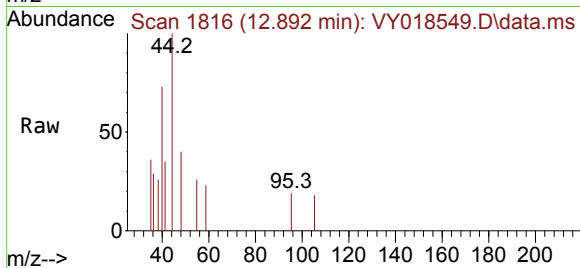
ClientSampleId :

Tgt Ion:105 Resp: 19

Ion Ratio Lower Upper

105 100

120 0.0 25.1 75.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.132 ug/l

RT: 12.282 min Scan# 1716

Delta R.T. -0.092 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

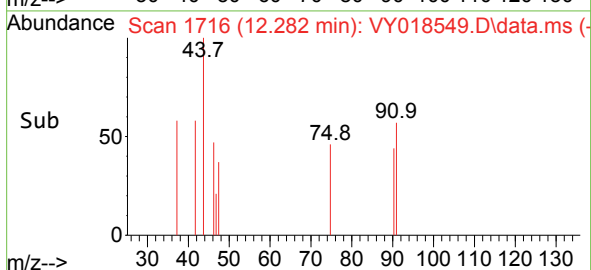
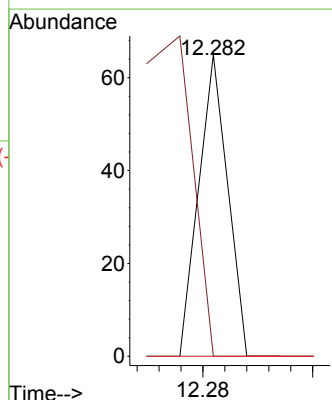
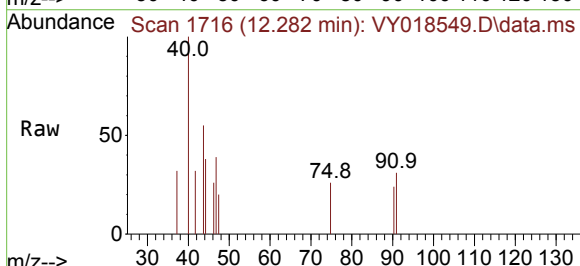
Tgt Ion: 75 Resp: 24

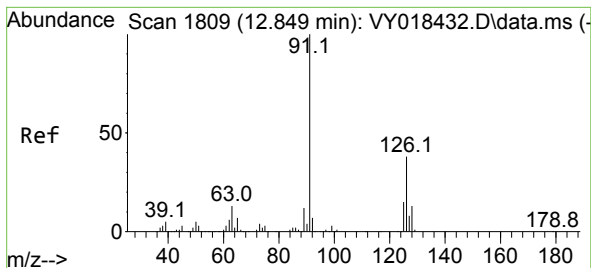
Ion Ratio Lower Upper

75 100

53 200.0 66.8 100.2#

89 0.0 35.8 53.6#

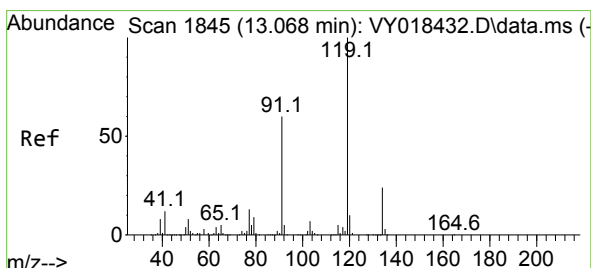
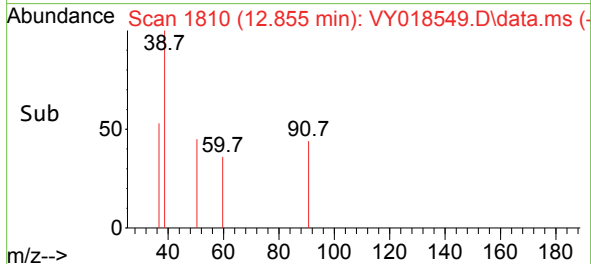
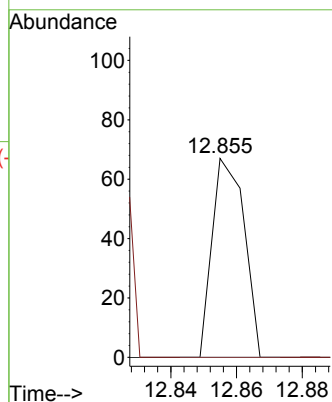
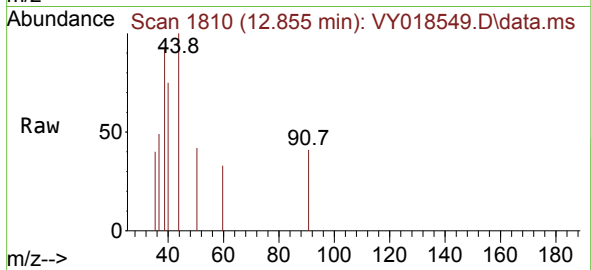




#82
4-Chlorotoluene
Concen: 8.515 ug/l
RT: 12.855 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

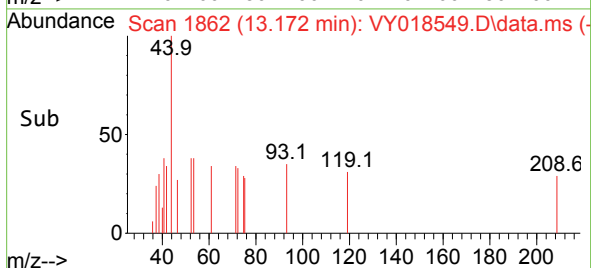
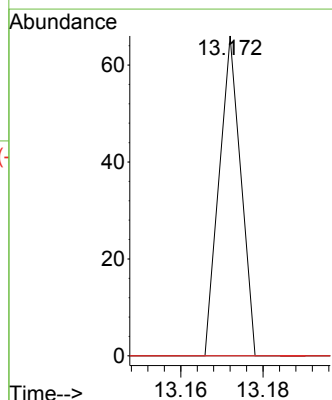
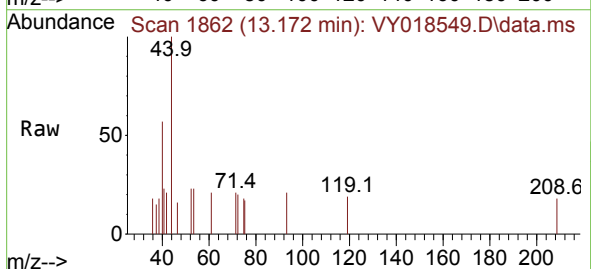
Instrument :
MSVOA_Y
ClientSampleId :

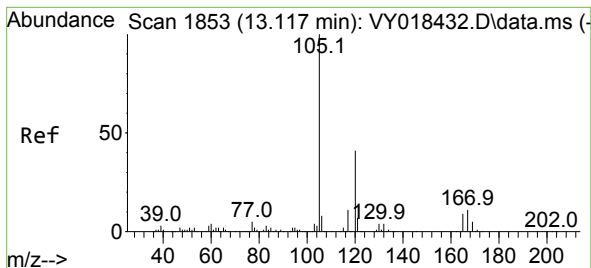
Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



#83
tert-Butylbenzene
Concen: 4.140 ug/l
RT: 13.172 min Scan# 1862
Delta R.T. 0.104 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 119 Resp: 24
Ion Ratio Lower Upper
119 100
91 0.0 31.3 93.8#
134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 6.843 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.152 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

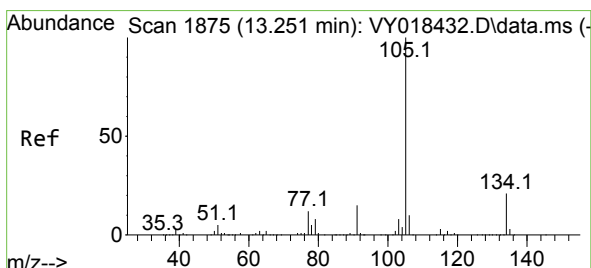
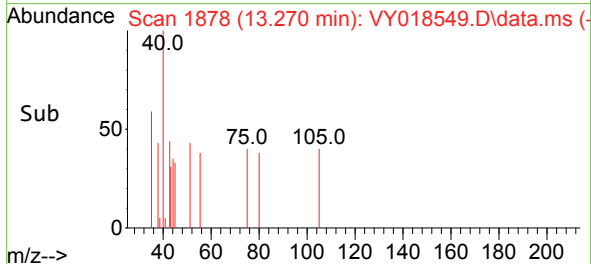
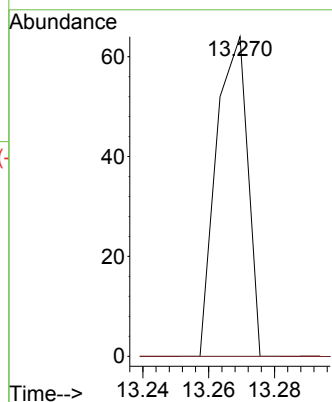
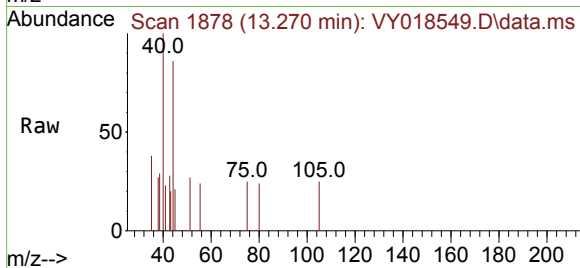
ClientSampleId :

Tgt Ion:105 Resp: 42

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#



#85

sec-Butylbenzene

Concen: 4.920 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.018 min

Lab File: VY018549.D

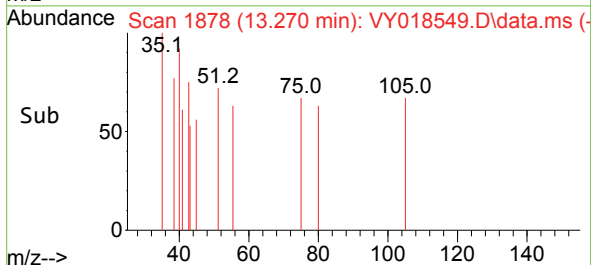
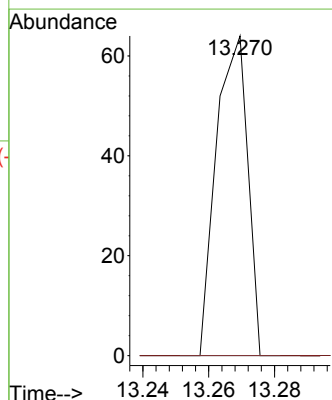
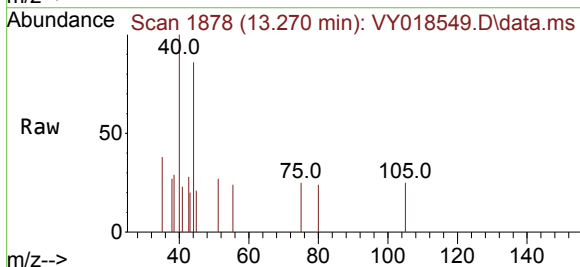
Acq: 10 Jun 2024 14:36

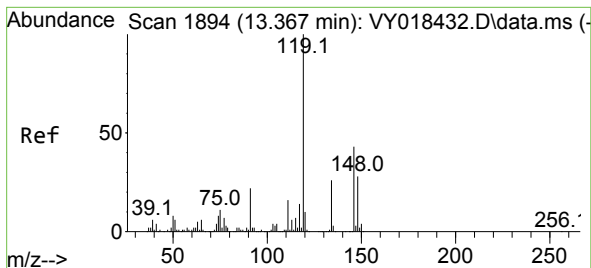
Tgt Ion:105 Resp: 42

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#

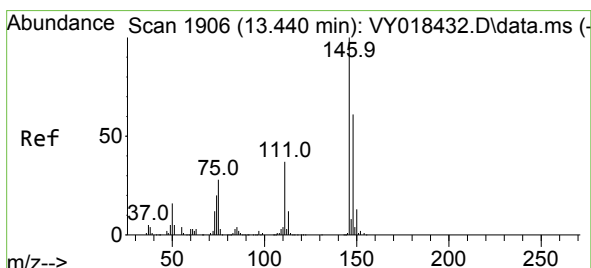
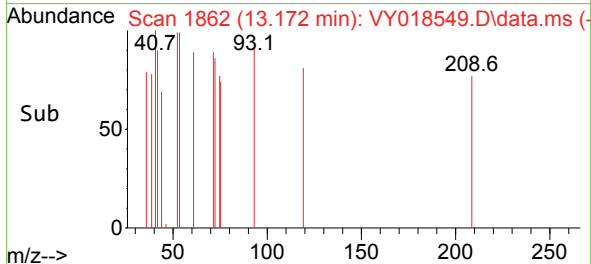
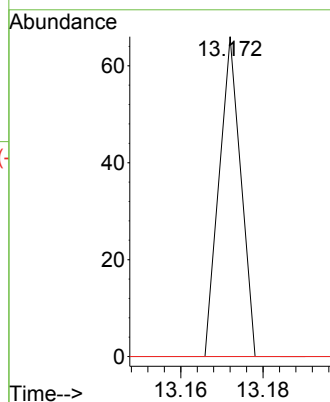
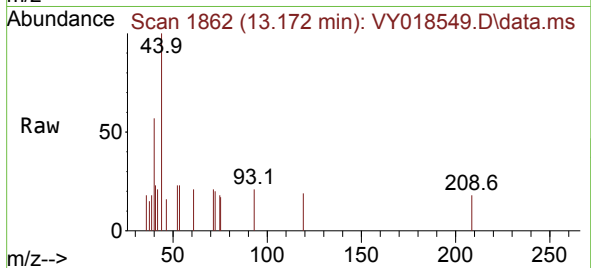




#86
p-Isopropyltoluene
Concen: 3.483 ug/l
RT: 13.172 min Scan# 119
Delta R.T. -0.195 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

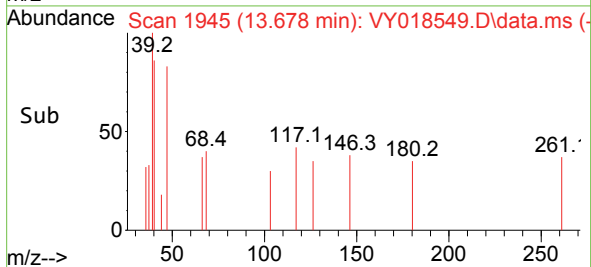
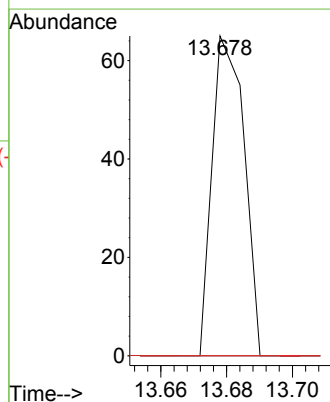
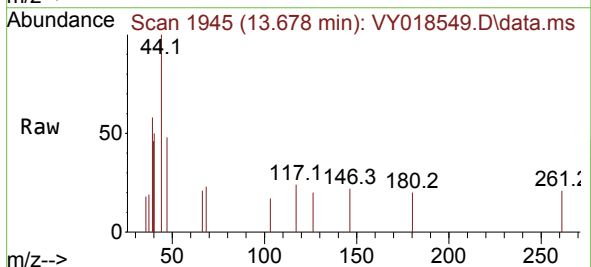
Instrument :
MSVOA_Y
ClientSampleId :

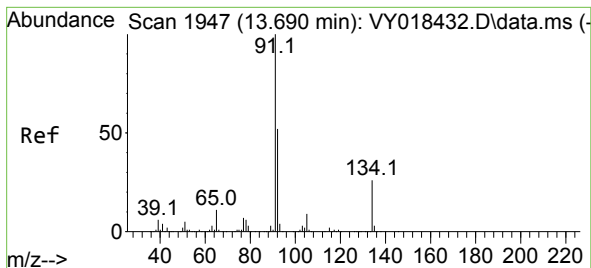
Tgt Ion:119 Resp: 24
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 0.0 10.7 32.1#



#88
1,4-Dichlorobenzene
Concen: 13.286 ug/l
RT: 13.678 min Scan# 1945
Delta R.T. 0.238 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

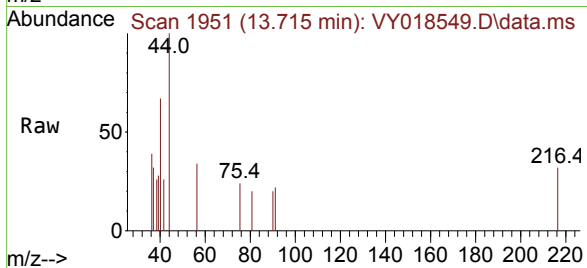
Tgt Ion:146 Resp: 44
Ion Ratio Lower Upper
146 100
111 0.0 18.4 55.4#
148 0.0 32.4 97.2#



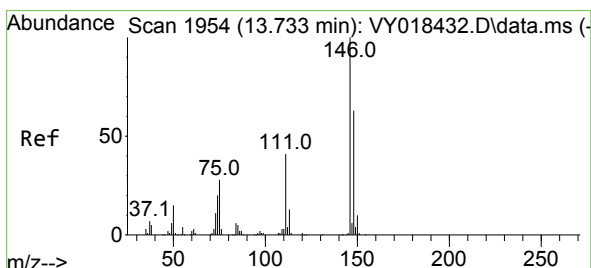
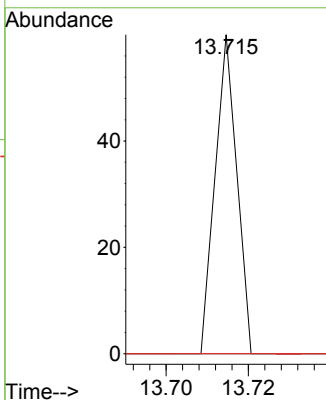
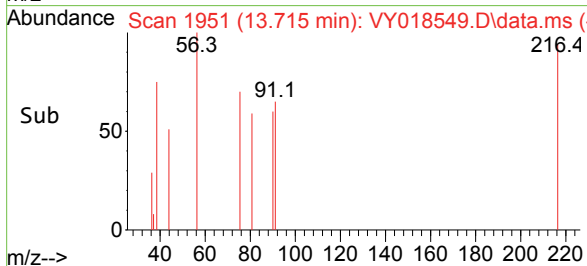


#89
n-Butylbenzene
Concen: 3.360 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.024 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

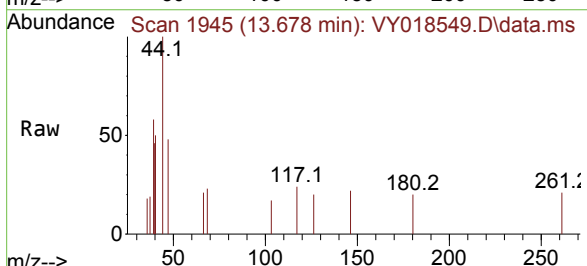
Instrument :
MSVOA_Y
ClientSampleId :



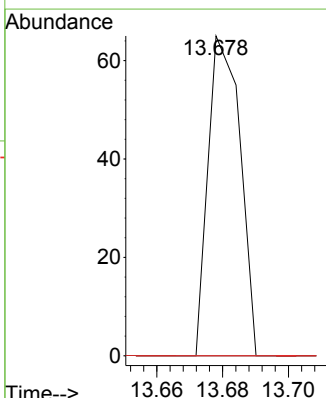
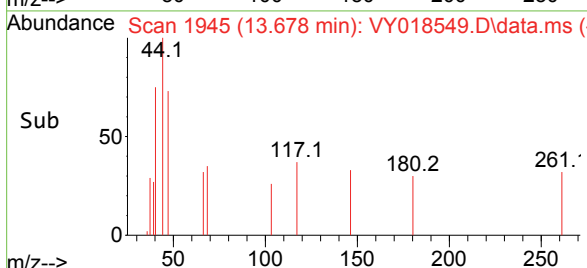
Tgt Ion: 91 Resp: 22
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#

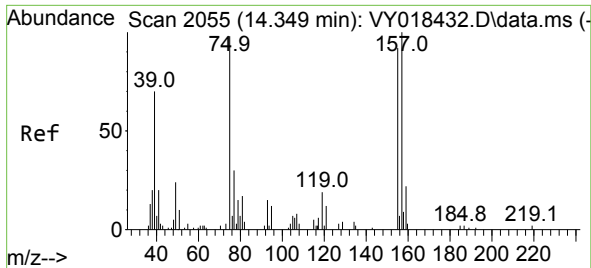


#91
1,2-Dichlorobenzene
Concen: 14.999 ug/l
RT: 13.678 min Scan# 1945
Delta R.T. -0.055 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36



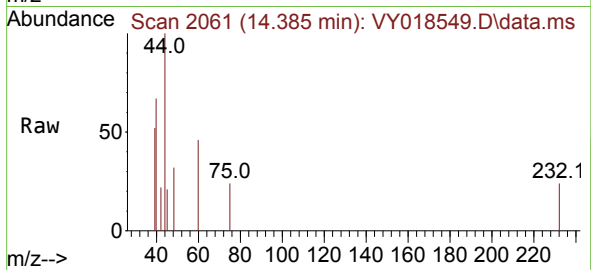
Tgt Ion: 146 Resp: 44
Ion Ratio Lower Upper
146 100
111 0.0 19.9 59.7#
148 0.0 31.8 95.4#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.948 ug/l
 RT: 14.385 min Scan# 2061
 Delta R.T. 0.036 min
 Lab File: VY018549.D
 Acq: 10 Jun 2024 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 25
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#

