

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018533.D
 Acq On : 07 Jun 2024 17:44
 Operator : SY/MD
 Sample : P2756-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 23:17:38 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	7.783	168	898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	1266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	188	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1432	81.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.400%	
35) Dibromofluoromethane	7.710	113	899	35.236	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.480%	
50) Toluene-d8	10.173	98	2607	25.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 51.360%#	
62) 4-Bromofluorobenzene	12.483	95	408	12.910	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 25.820%#	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.052	85	49	3.436	ug/l #	43
3) Chloromethane	2.089	50	104	3.910	ug/l #	43
4) Vinyl Chloride	2.253	62	53	1.666	ug/l #	42
5) Bromomethane	2.637	94	111	5.230	ug/l #	3
6) Chloroethane	2.741	64	71	3.535	ug/l #	42
7) Trichlorofluoromethane	2.900	101	64	1.944	ug/l #	20
8) Diethyl Ether	3.473	74	21	2.120	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	22	1.148	ug/l #	19
10) Methyl Iodide	4.058	142	37	1.965	ug/l #	42
11) Tert butyl alcohol	4.924	59	90	Below Cal	#	88
12) 1,1-Dichloroethene	3.881	96	48	2.548	ug/l #	1
13) Acrolein	3.704	56	46	25.483	ug/l #	42
14) Allyl chloride	4.485	41	56	2.030	ug/l #	45
15) Acrylonitrile	5.119	53	128	28.261	ug/l #	18
16) Acetone	3.942	43	236	60.294	ug/l #	36
17) Carbon Disulfide	4.149	76	76	1.375	ug/l #	76
18) Methyl Acetate	4.466	43	101	10.319	ug/l #	46
20) Methylene Chloride	4.698	84	220	7.223	ug/l #	59
21) trans-1,2-Dichloroethene	4.924	96	26	1.293	ug/l #	1
25) 2-Butanone	6.960	43	30	5.003	ug/l #	41
27) cis-1,2-Dichloroethene	7.204	96	25	1.069	ug/l #	68
28) Bromochloromethane	7.350	49	72	4.464	ug/l #	6
29) Tetrahydrofuran	7.326	42	64	16.435	ug/l #	26
30) Chloroform	7.509	83	68	1.935	ug/l #	17
37) Ethyl Acetate	7.064	43	143	7.358	ug/l #	67
41) Methacrylonitrile	7.295	41	31	3.279	ug/l #	1
43) Isopropyl Acetate	8.271	43	62	1.706	ug/l #	47
45) 1,2-Dichloropropane	9.191	63	76	2.851	ug/l #	43
46) Dibromomethane	9.331	93	27	1.767	ug/l #	3
48) Methyl methacrylate	9.295	41	52	3.110	ug/l #	1
49) 1,4-Dioxane	9.203	88	51	254.108	ug/l #	20
51) 4-Methyl-2-Pentanone	10.039	43	63	3.339	ug/l #	31
54) cis-1,3-Dichloropropene	9.935	75	53	1.278	ug/l #	40
55) 1,1,2-Trichloroethane	10.709	97	25	1.257	ug/l #	16
56) Ethyl methacrylate	10.368	69	54	1.930	ug/l #	1
57) 1,3-Dichloropropane	11.008	76	69	2.044	ug/l #	42

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

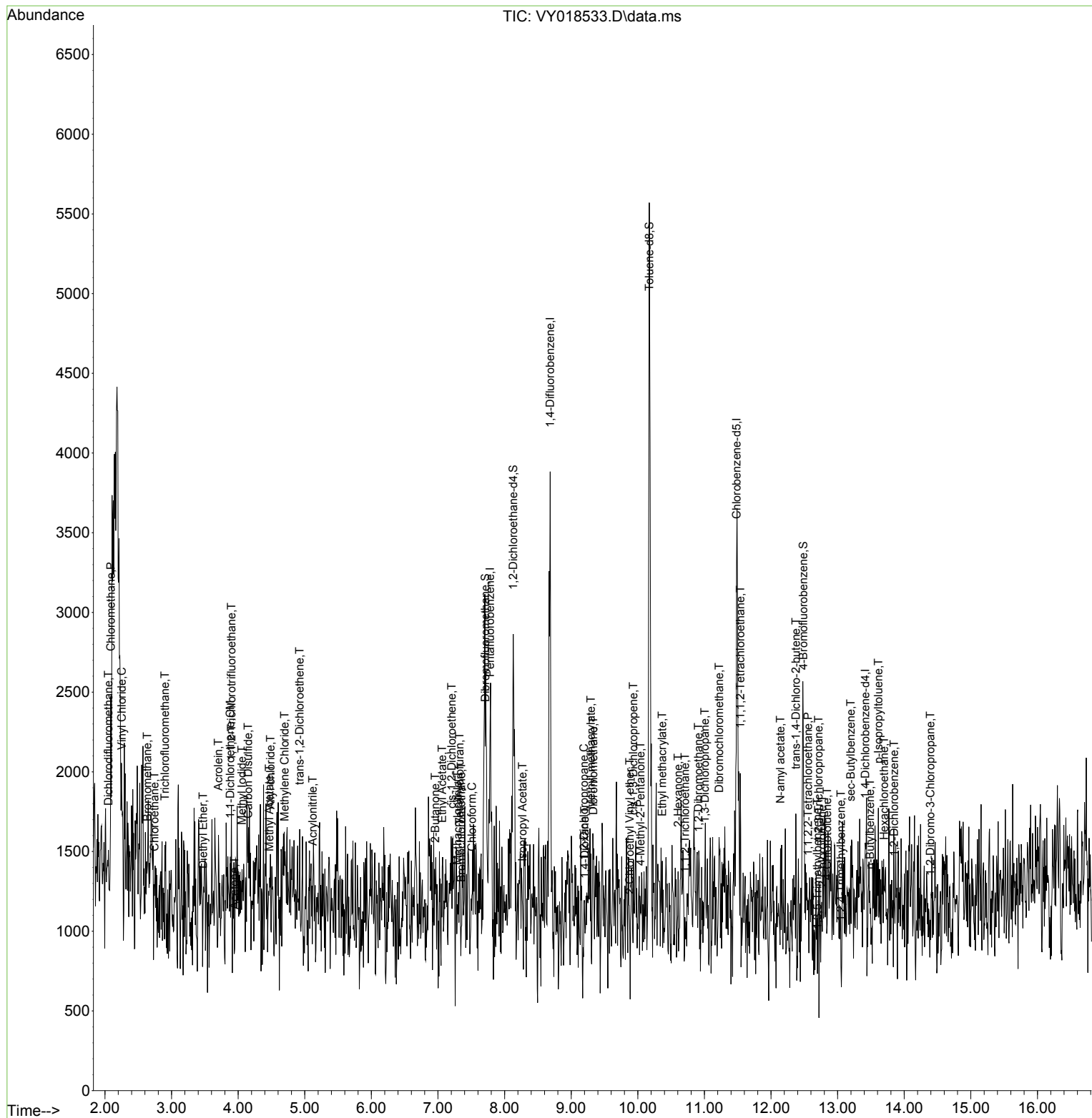
58) 2-Chloroethyl Vinyl ether	9.880	63	26	1.730	ug/l #	45
59) 2-Hexanone	10.606	43	81	6.212	ug/l	77
60) Dibromochloromethane	11.221	129	25	1.029	ug/l #	10
61) 1,2-Dibromoethane	10.910	107	88	4.700	ug/l #	2
66) 1,1,1,2-Tetrachloroethane	11.538	131	53	3.019	ug/l #	8
74) N-amyl acetate	12.142	43	24	5.082	ug/l #	9
75) 1,1,2,2-Tetrachloroethane	12.556	83	21	6.149	ug/l #	1
76) 1,2,3-Trichloropropane	12.715	75	19	8.150	ug/l #	100
79) 2-Chlorotoluene	12.770	91	19	1.501	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.697	105	25	1.655	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.374	75	22	19.827	ug/l #	41
82) 4-Chlorotoluene	12.843	91	31	2.434	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.050	105	23	1.555	ug/l #	30
85) sec-Butylbenzene	13.197	105	40	1.944	ug/l #	56
86) p-Isopropyltoluene	13.611	119	53	3.191	ug/l #	51
89) n-Butylbenzene	13.489	91	22	1.394	ug/l #	33
90) Hexachloroethane	13.696	117	52	16.705	ug/l #	12
91) 1,2-Dichlorobenzene	13.849	146	23	3.253	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.391	75	19	36.561	ug/l #	1

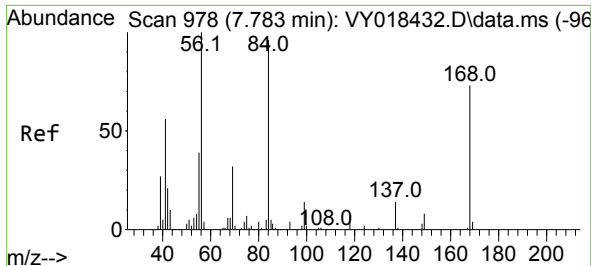
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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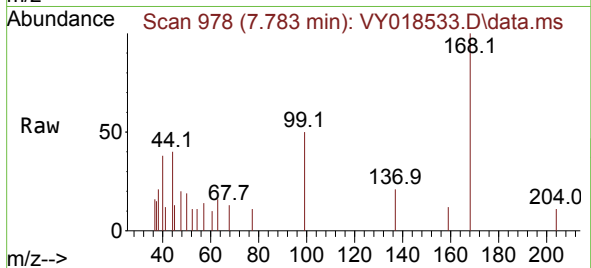
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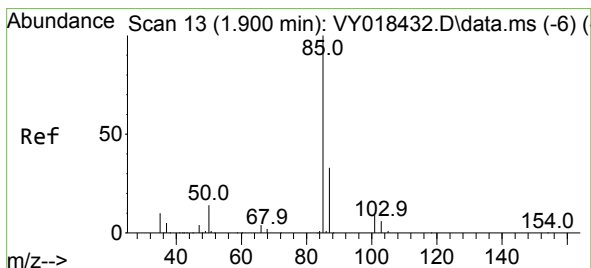
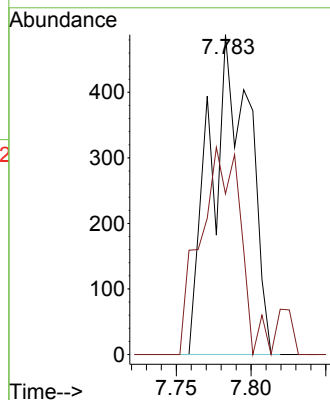
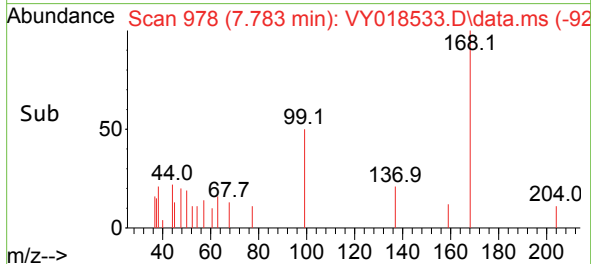


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018533.D
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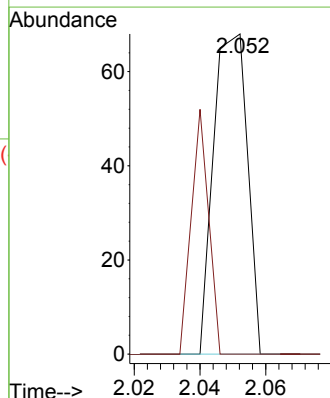
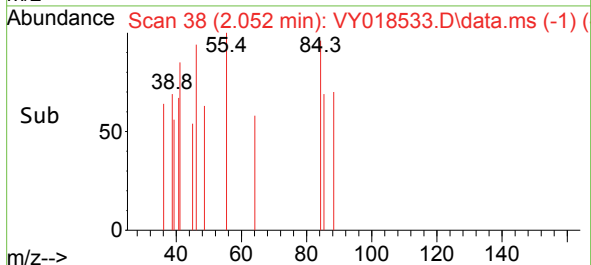
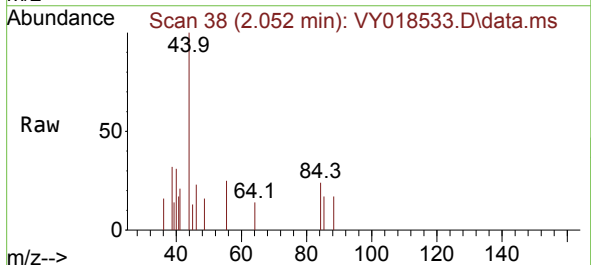


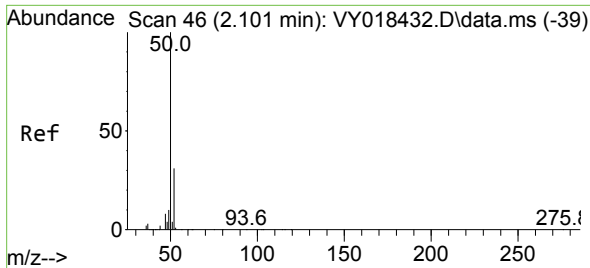
Tgt Ion:168 Resp: 898
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 3.436 ug/l
RT: 2.052 min Scan# 38
Delta R.T. 0.152 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 85 Resp: 49
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

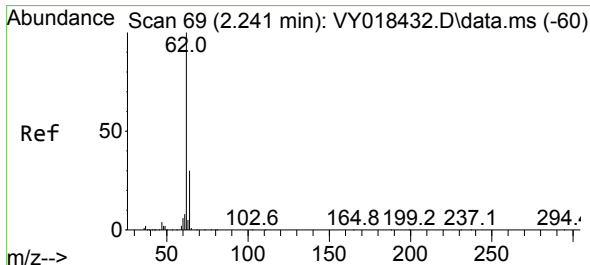
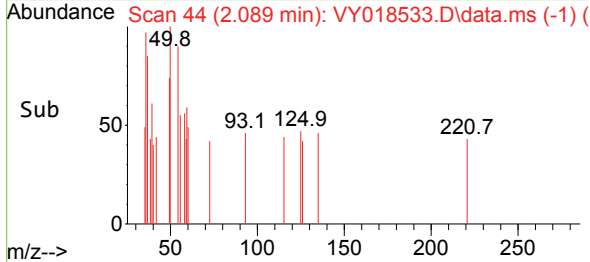
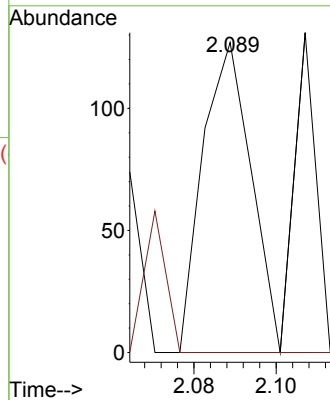
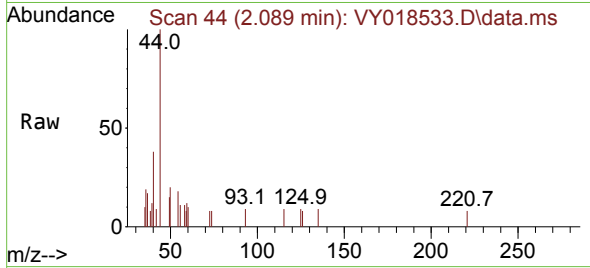




#3
Chloromethane
Concen: 3.910 ug/l
RT: 2.089 min Scan# 44
Delta R.T. -0.012 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

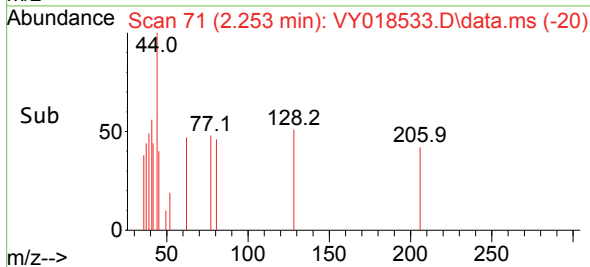
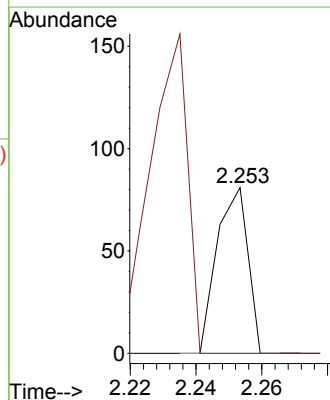
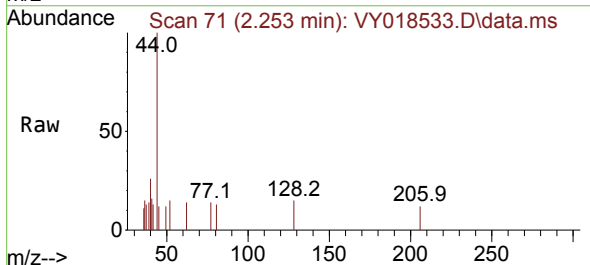
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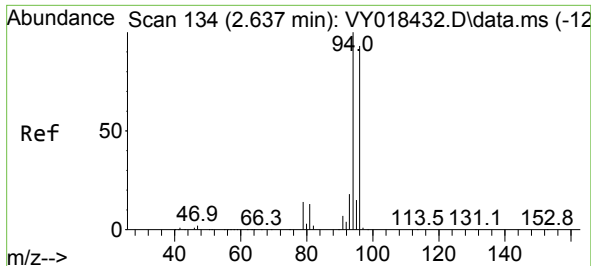
Tgt Ion: 50 Resp: 104
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 1.666 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 62 Resp: 53
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#

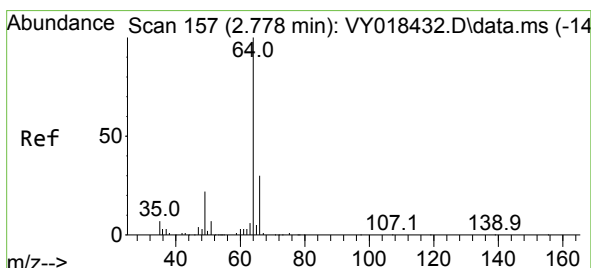
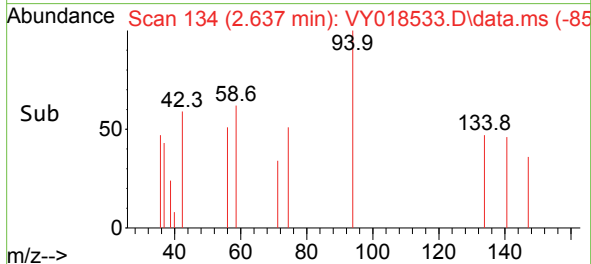
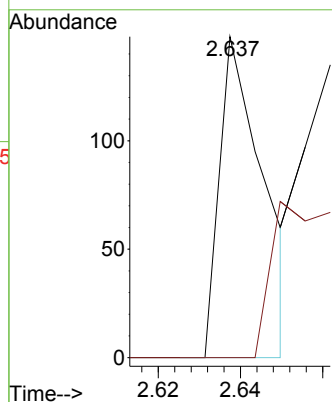
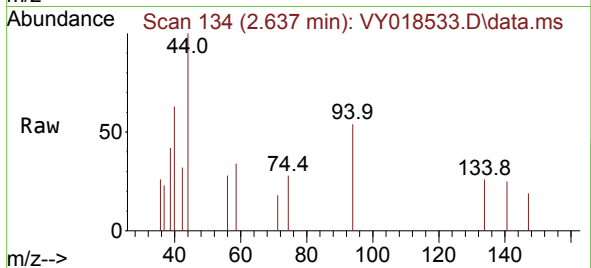




#5
Bromomethane
Concen: 5.230 ug/l
RT: 2.637 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

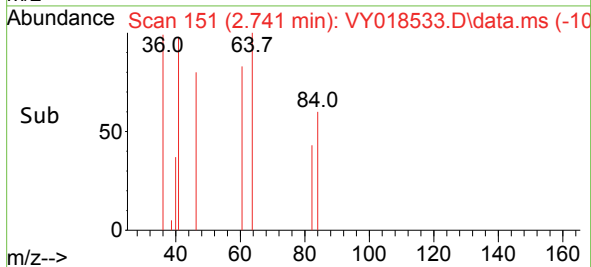
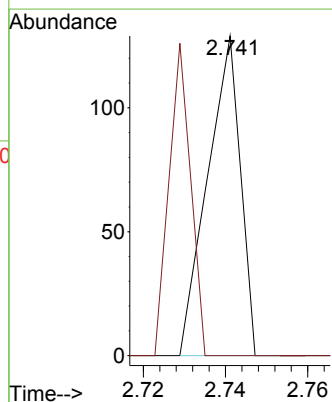
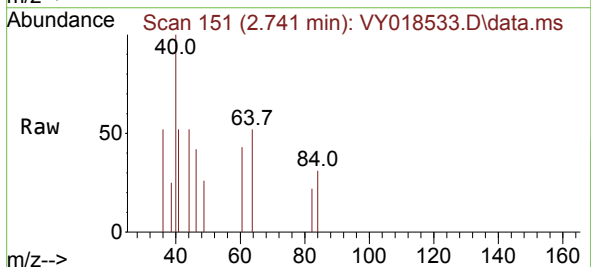
Instrument :
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ClientSampleId :

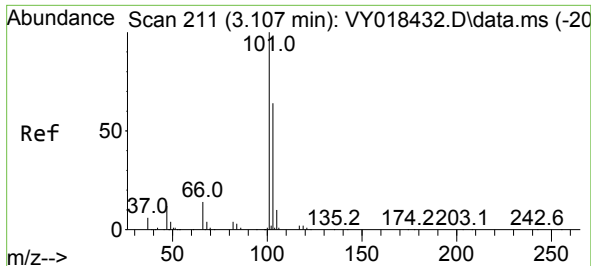
Tgt Ion: 94 Resp: 111
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#6
Chloroethane
Concen: 3.535 ug/l
RT: 2.741 min Scan# 151
Delta R.T. -0.037 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

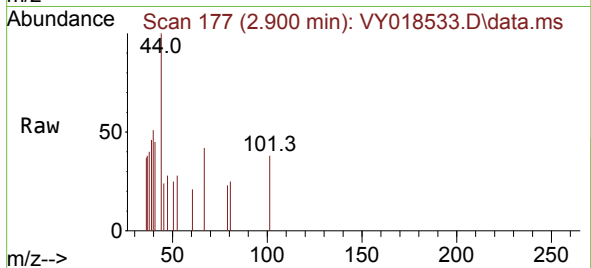
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



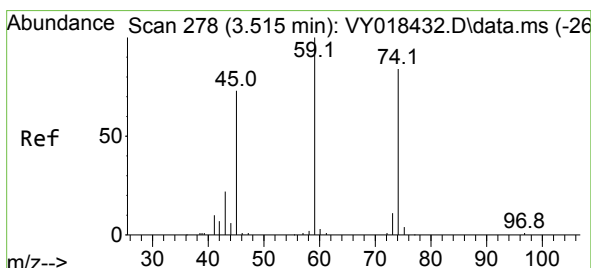
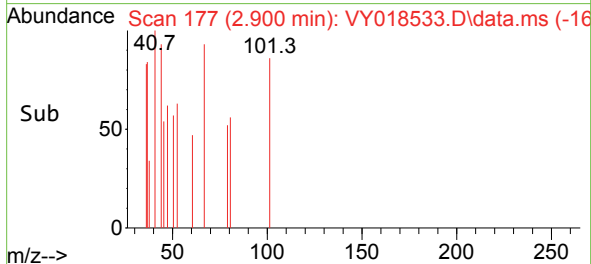
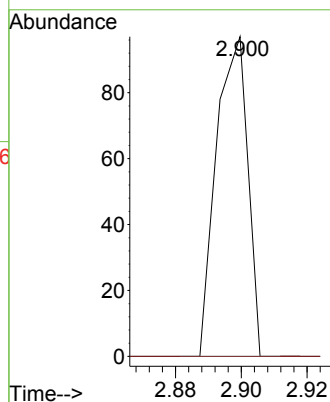


#7
 Trichlorofluoromethane
 Concen: 1.944 ug/l
 RT: 2.900 min Scan# 11
 Delta R.T. -0.207 min
 Lab File: VY018533.D
 Acq: 07 Jun 2024 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :

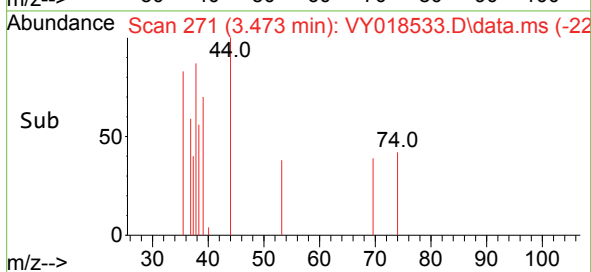
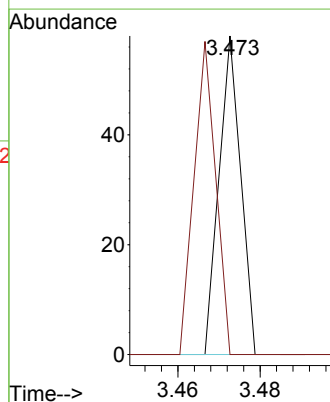
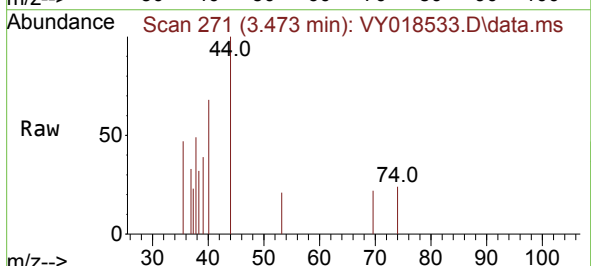


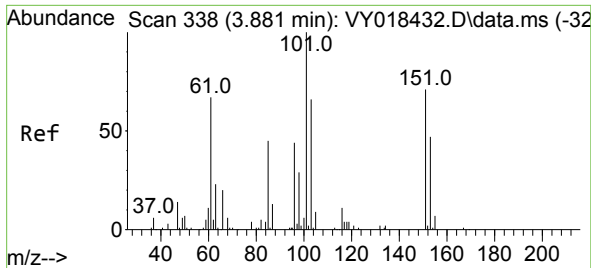
Tgt Ion:101 Resp: 64
 Ion Ratio Lower Upper
 101 100
 103 0.0 49.3 73.9#



#8
 Diethyl Ether
 Concen: 2.120 ug/l
 RT: 3.473 min Scan# 271
 Delta R.T. -0.043 min
 Lab File: VY018533.D
 Acq: 07 Jun 2024 17:44

Tgt Ion: 74 Resp: 21
 Ion Ratio Lower Upper
 74 100
 45 100.0 41.3 124.1

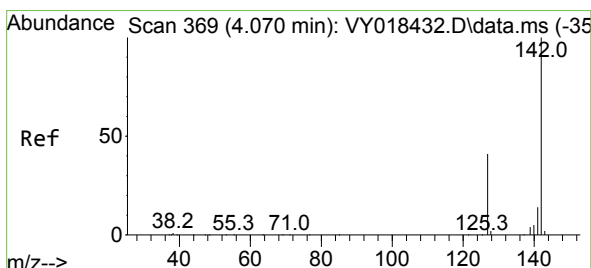
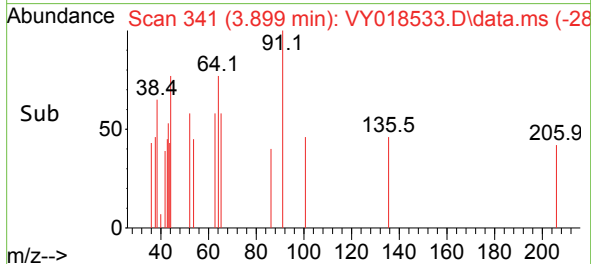
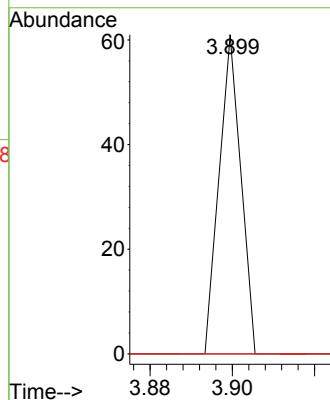
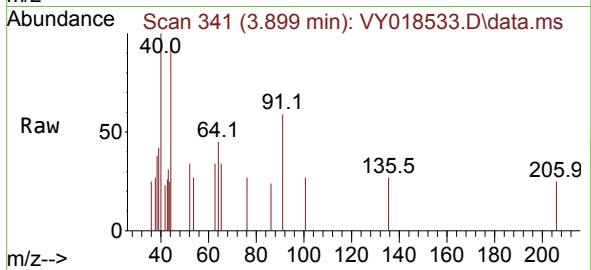




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.148 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

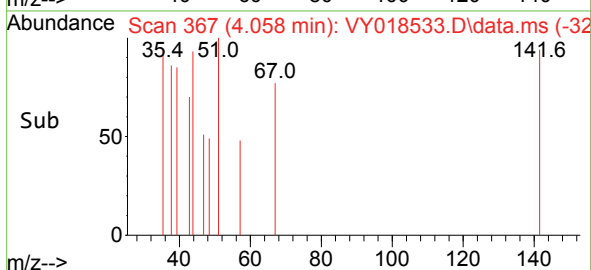
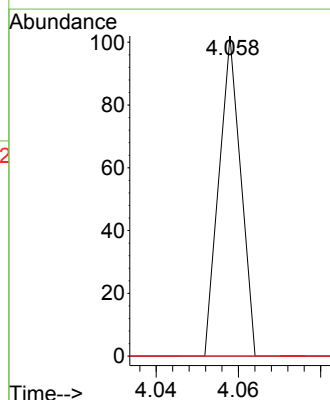
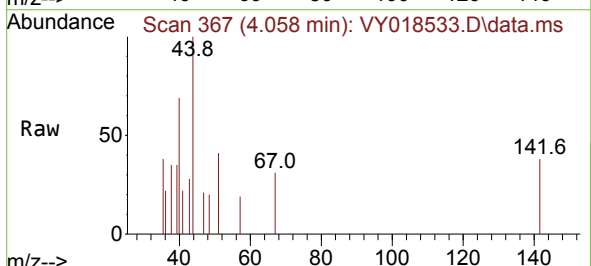
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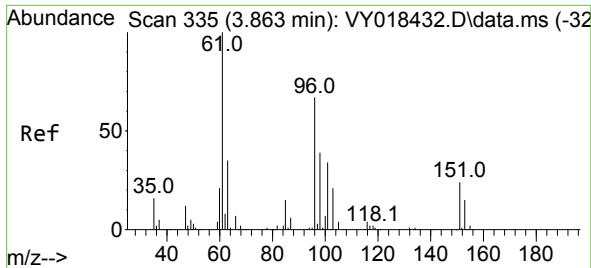
Tgt Ion:101 Resp: 22
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 61.7 92.5#



#10
Methyl Iodide
Concen: 1.965 ug/l
RT: 4.058 min Scan# 367
Delta R.T. -0.012 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion:142 Resp: 37
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#

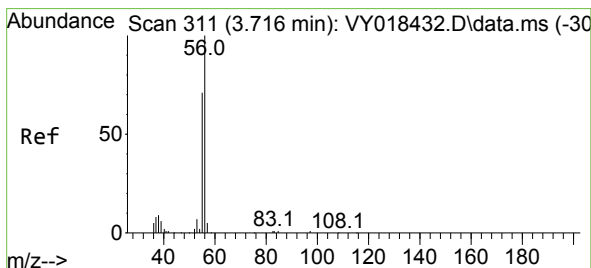
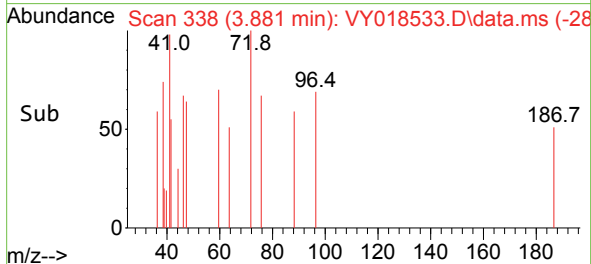
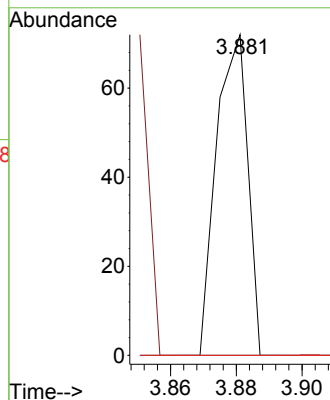
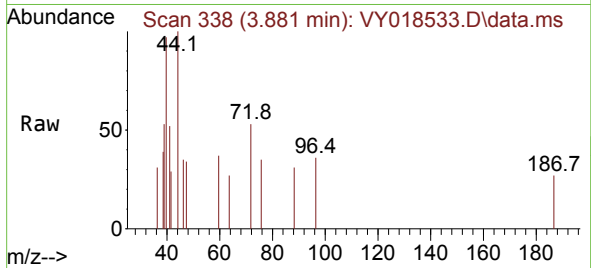




#12
1,1-Dichloroethene
Concen: 2.548 ug/l
RT: 3.881 min Scan# 311
Delta R.T. 0.018 min
Lab File: VY018533.D
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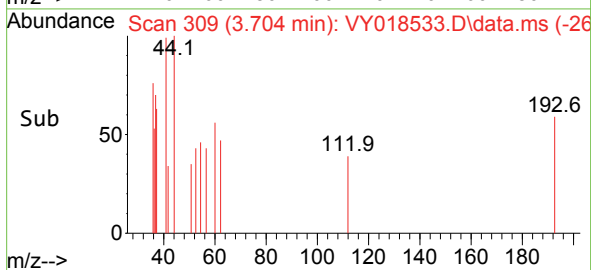
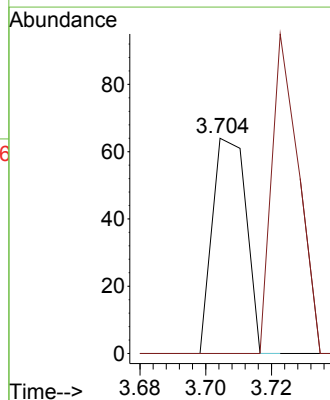
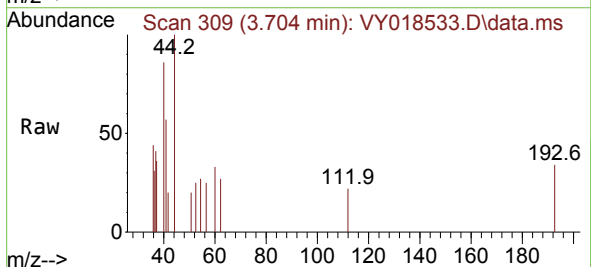
Instrument :
MSVOA_Y
ClientSampleId :

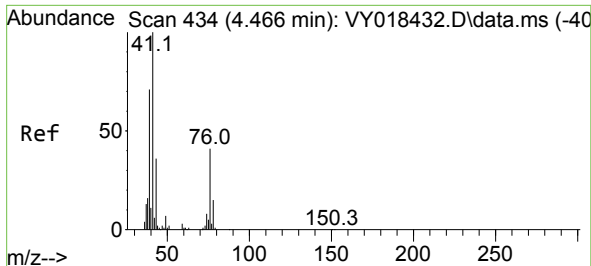
Tgt Ion: 96 Resp: 48
Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 50.8 76.2#



#13
Acrolein
Concen: 25.483 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

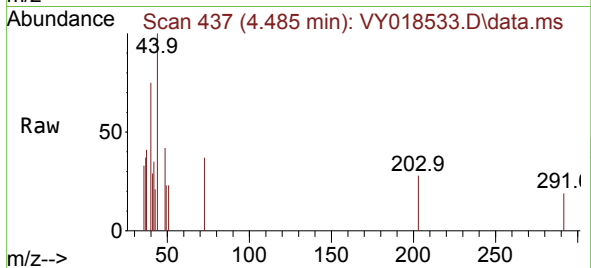
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 117.4 55.7 83.5#



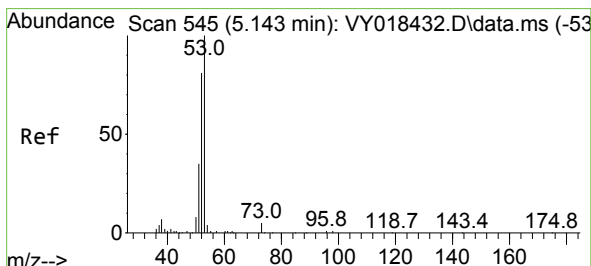
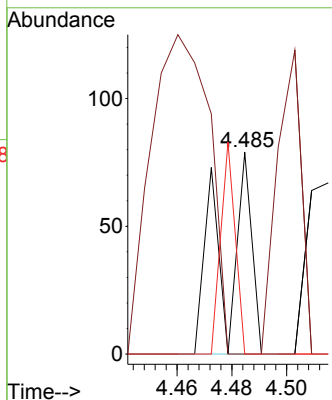
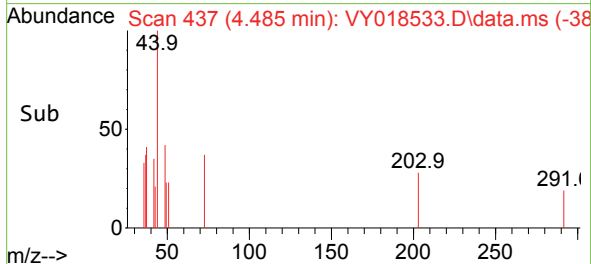


#14
Allyl chloride
Concen: 2.030 ug/l
RT: 4.485 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

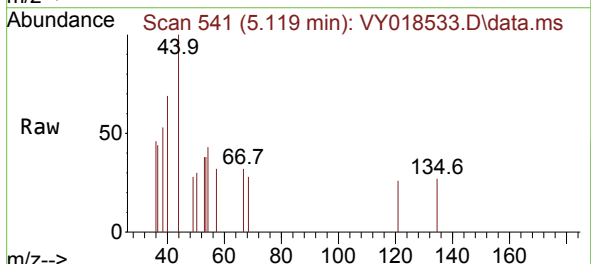
Instrument :
MSVOA_Y
ClientSampleId :



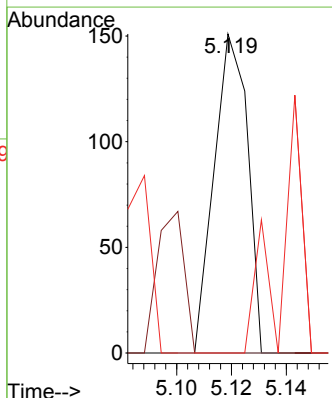
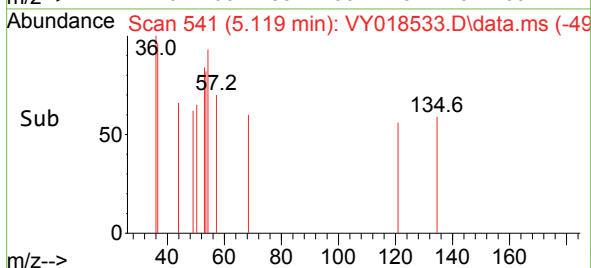
Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 0.0 58.3 87.5#
76 53.6 39.0 58.6

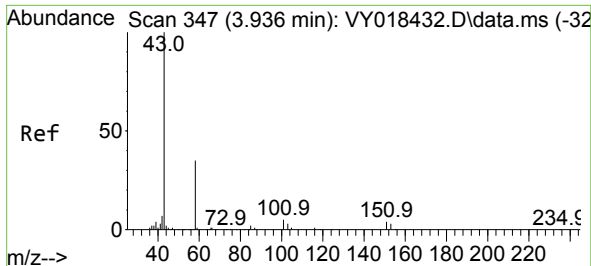


#15
Acrylonitrile
Concen: 28.261 ug/l
RT: 5.119 min Scan# 541
Delta R.T. -0.024 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44



Tgt Ion: 53 Resp: 128
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#

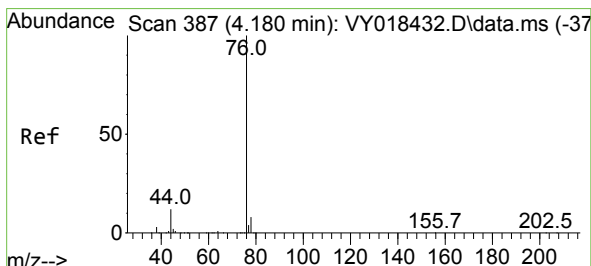
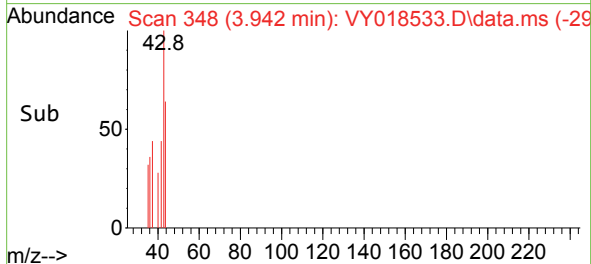
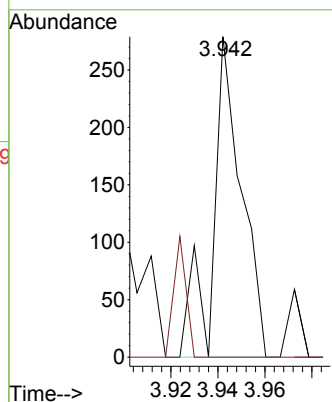
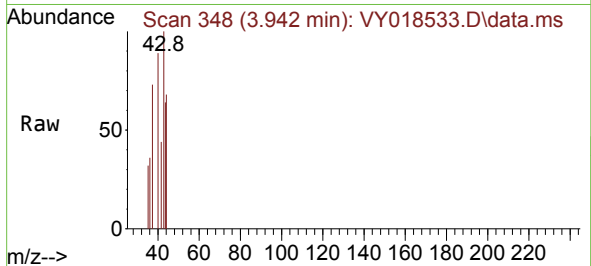




#16
Acetone
Concen: 60.294 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

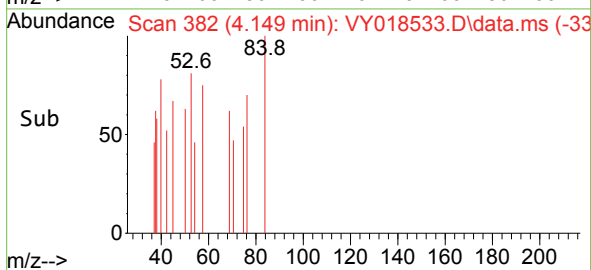
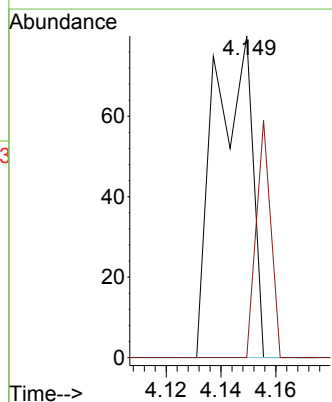
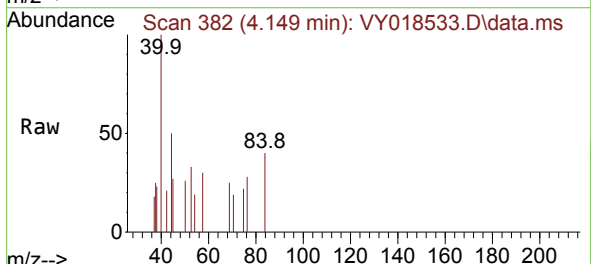
Instrument :
MSVOA_Y
ClientSampleId :

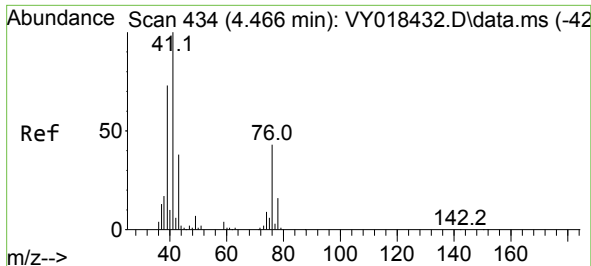
Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#17
Carbon Disulfide
Concen: 1.375 ug/l
RT: 4.149 min Scan# 382
Delta R.T. -0.030 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 76 Resp: 76
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#





#18

Methyl Acetate

Concen: 10.319 ug/l

RT: 4.466 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

Instrument :

MSVOA_Y

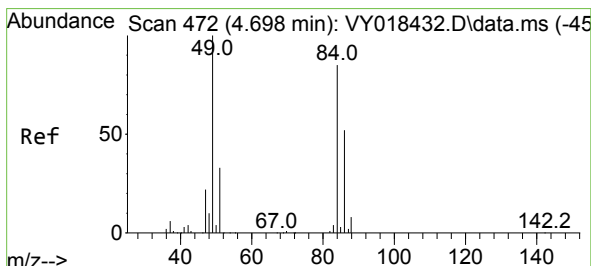
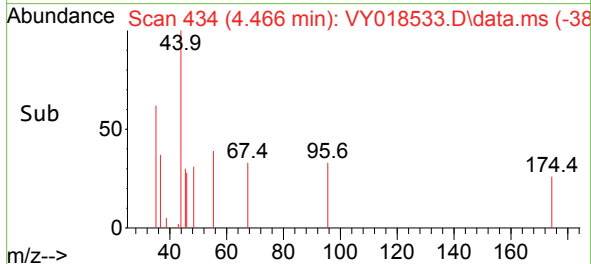
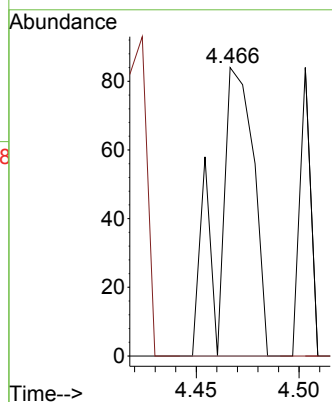
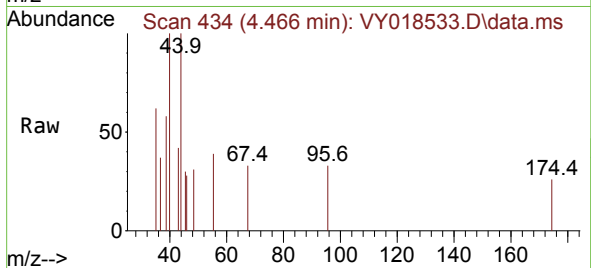
ClientSampleId :

Tgt Ion: 43 Resp: 101

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#



#20

Methylene Chloride

Concen: 7.223 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

Tgt Ion: 84 Resp: 220

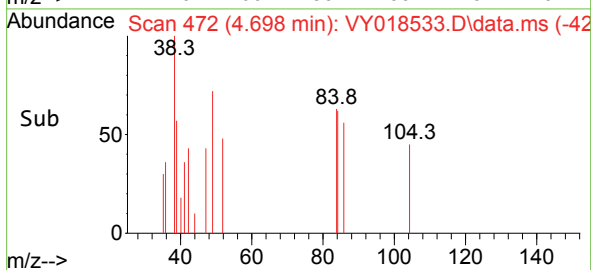
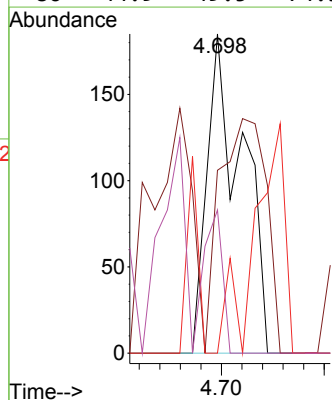
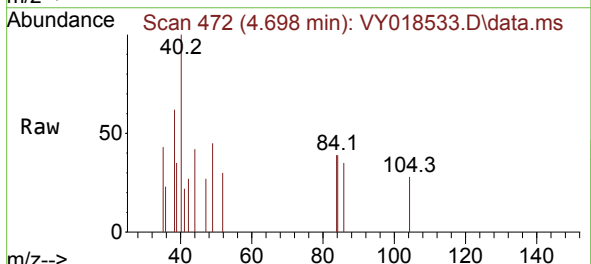
Ion Ratio Lower Upper

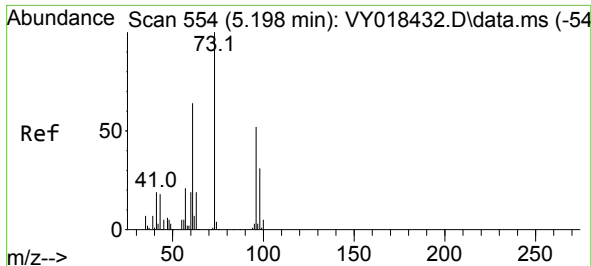
84 100

49 57.3 84.4 126.6#

51 0.0 26.0 39.0#

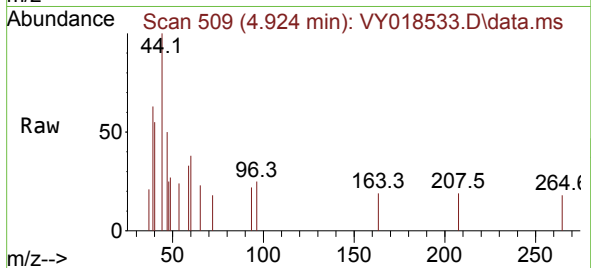
86 44.9 49.5 74.3#



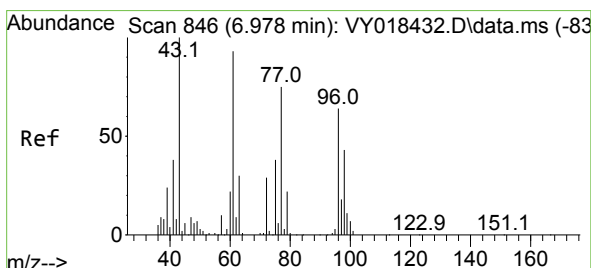
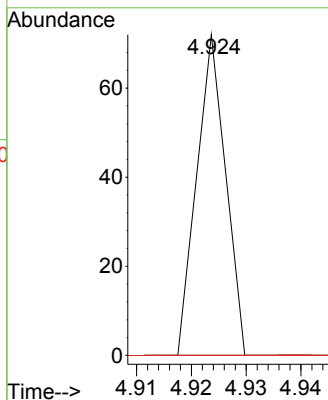
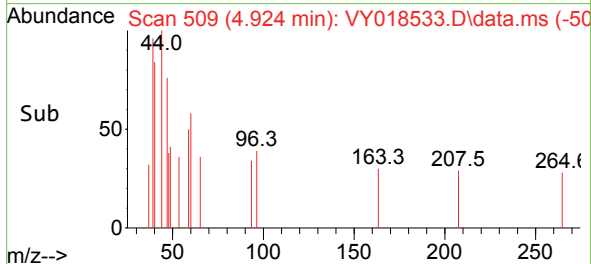


#21
trans-1,2-Dichloroethene
Concen: 1.293 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.274 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

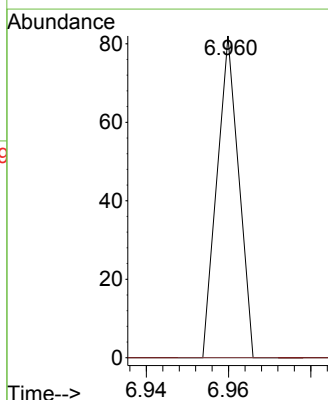
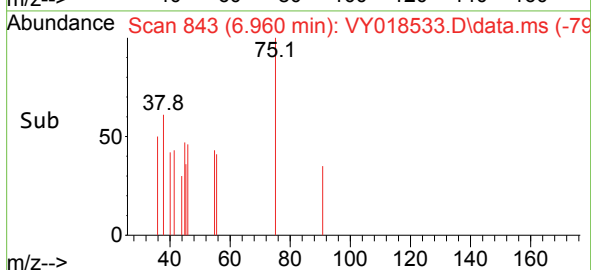
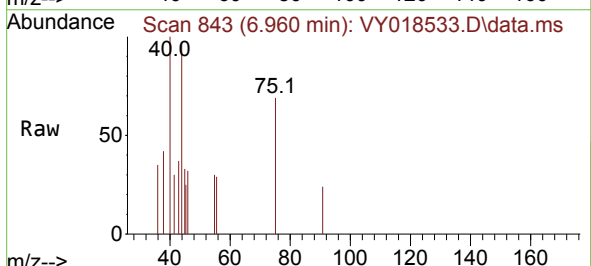


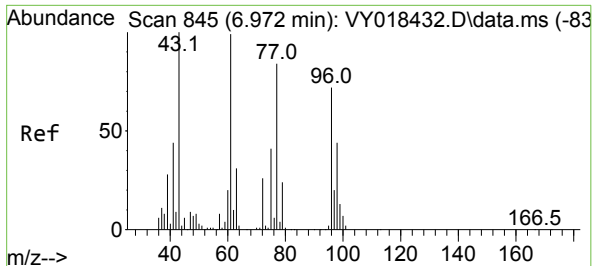
Tgt Ion: 96 Resp: 26
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 0.0 50.5 75.7#



#25
2-Butanone
Concen: 5.003 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 43 Resp: 30
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#27

cis-1,2-Dichloroethene

Concen: 1.069 ug/l

RT: 7.204 min Scan# 81

Delta R.T. 0.232 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

Instrument :

MSVOA_Y

ClientSampleId :

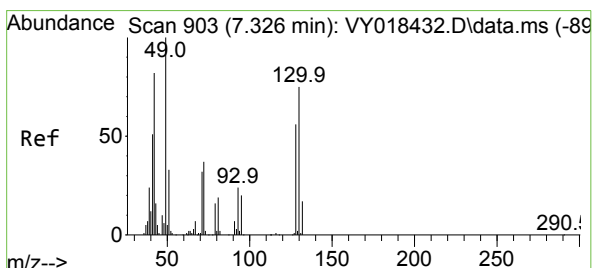
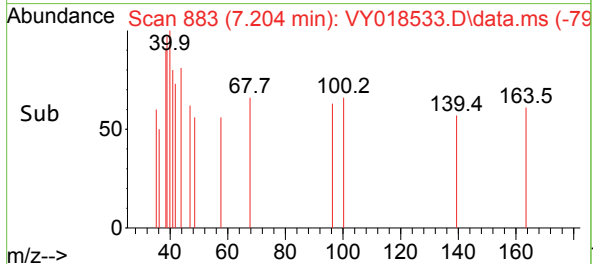
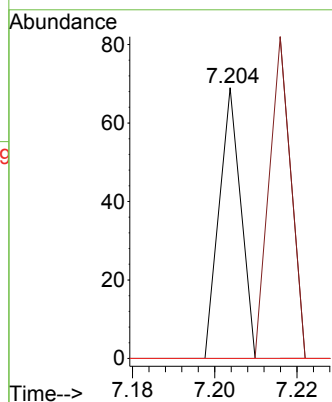
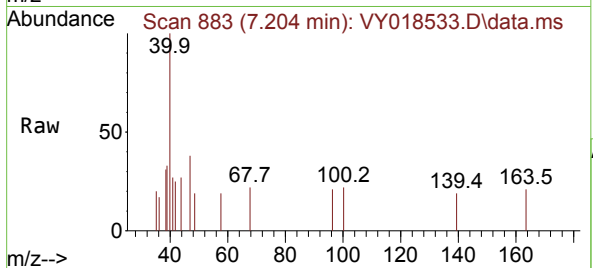
Tgt Ion: 96 Resp: 25

Ion Ratio Lower Upper

96 100

61 120.0 0.0 256.2

98 0.0 0.0 130.0



#28

Bromochloromethane

Concen: 4.464 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.024 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

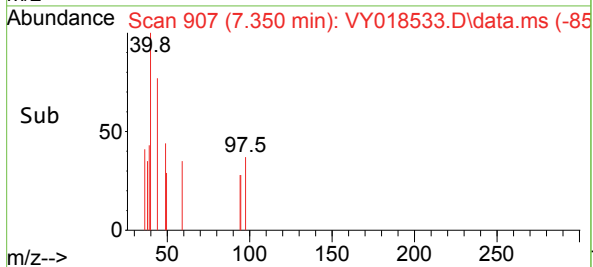
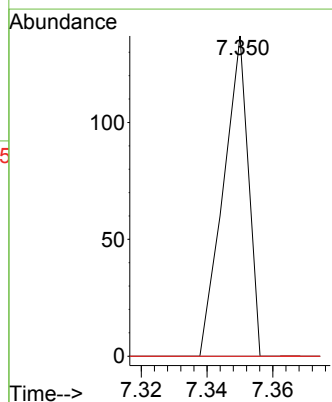
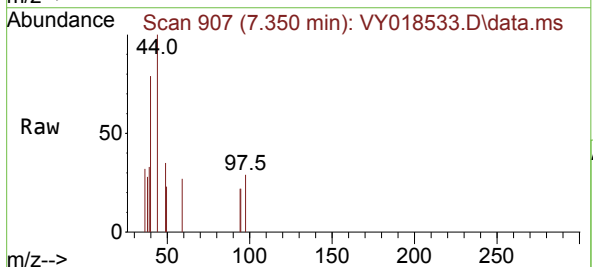
Tgt Ion: 49 Resp: 72

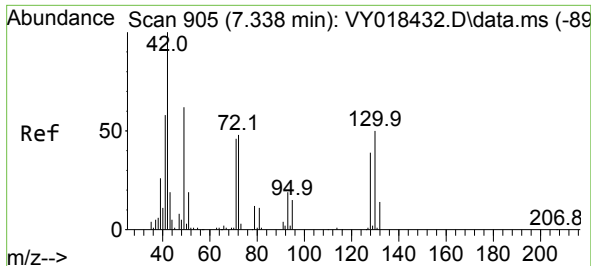
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

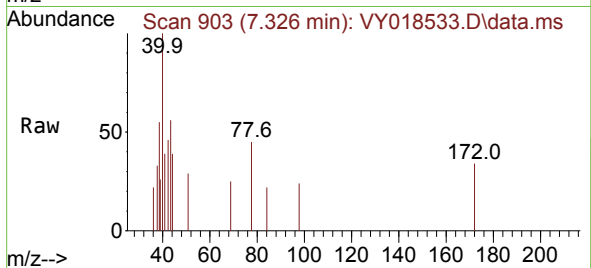
130 0.0 72.7 109.1#



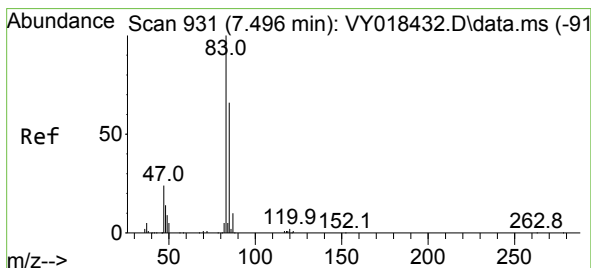
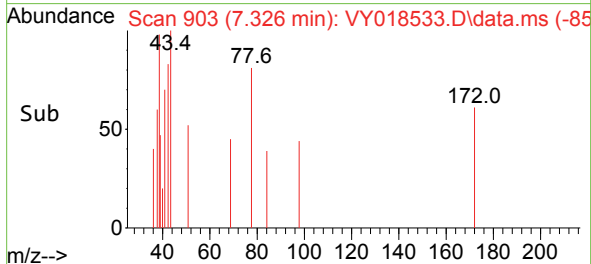
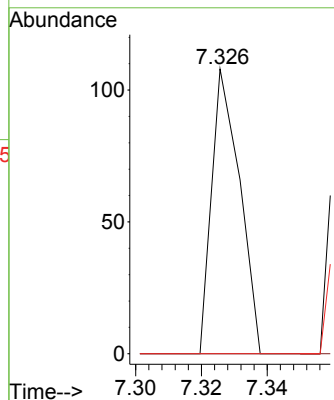


#29
Tetrahydrofuran
Concen: 16.435 ug/l
RT: 7.326 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

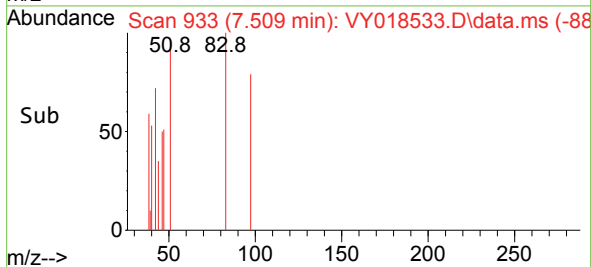
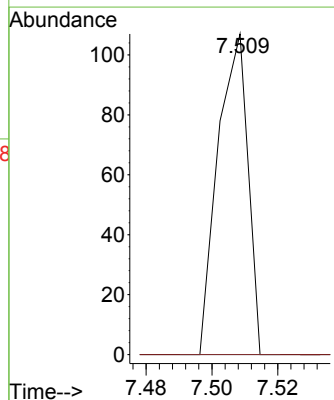
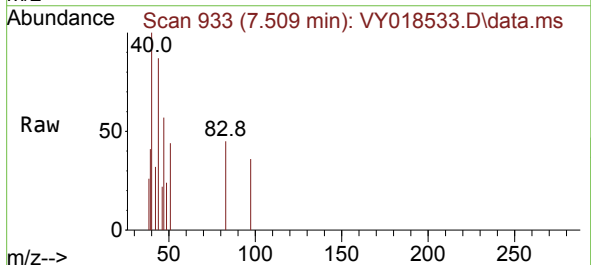


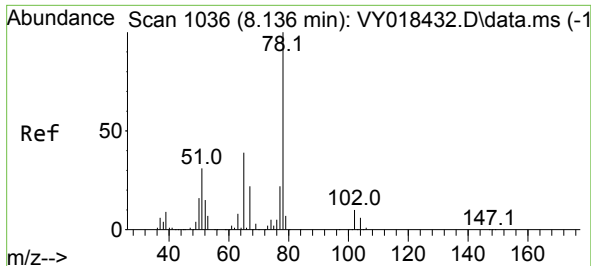
Tgt Ion: 42 Resp: 64
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#



#30
Chloroform
Concen: 1.935 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.012 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 83 Resp: 68
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#

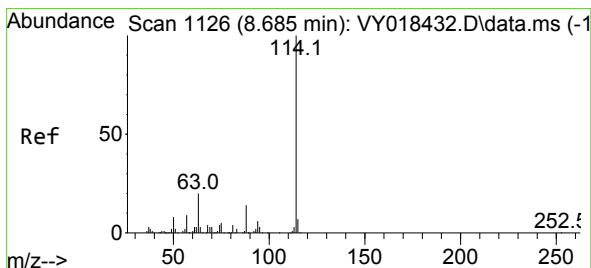
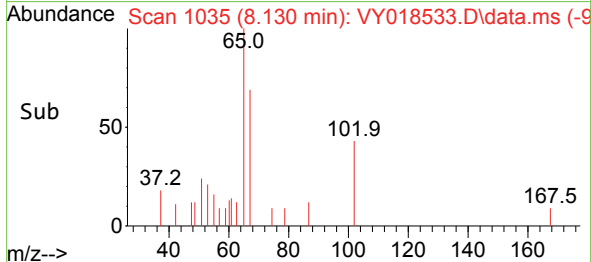
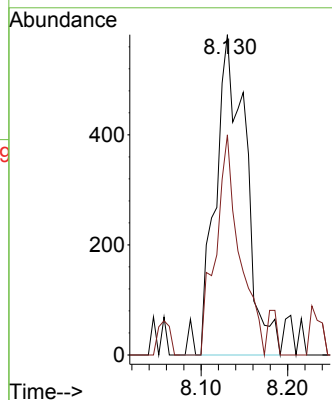
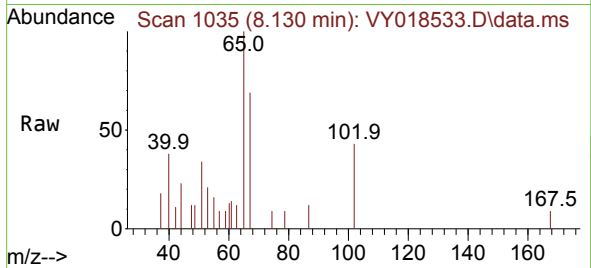




#33
1,2-Dichloroethane-d4
Concen: 81.201 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

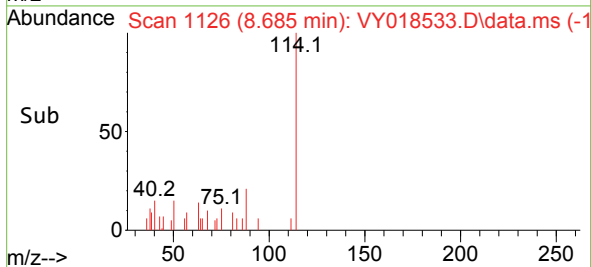
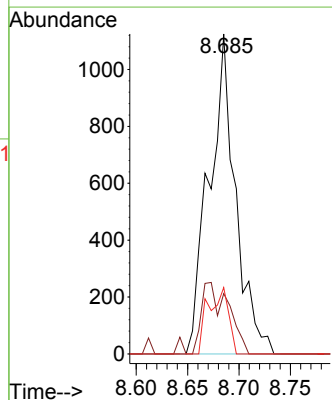
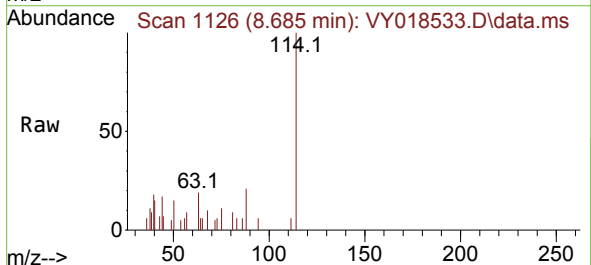
Instrument :
MSVOA_Y
ClientSampleId :

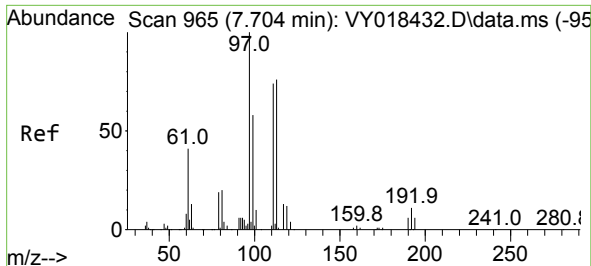
Tgt Ion: 65 Resp: 1432
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion:114 Resp: 2012
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.0
88 20.7 0.0 27.2

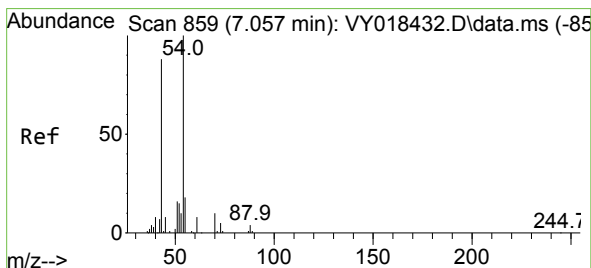
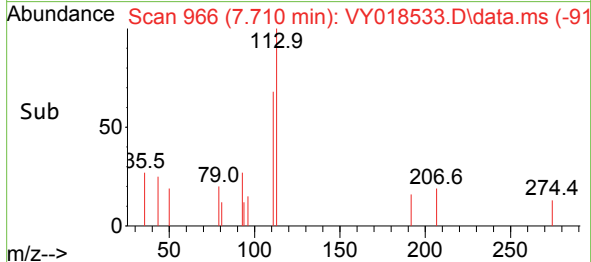
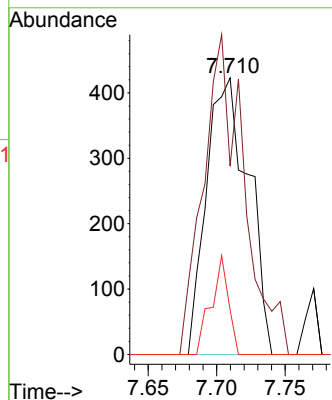
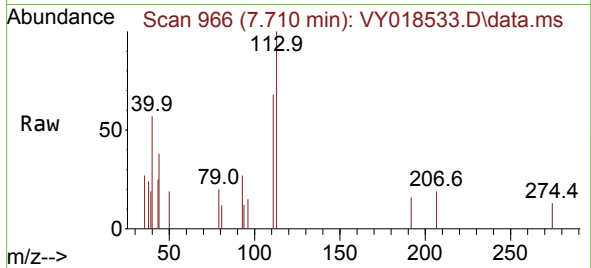




#35
Dibromofluoromethane
Concen: 35.236 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

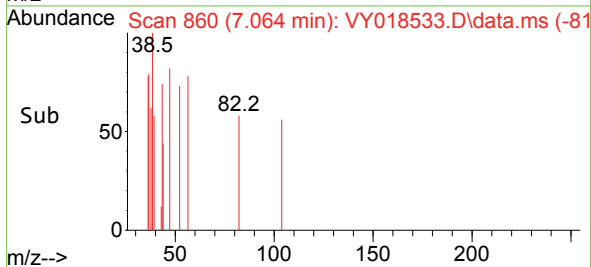
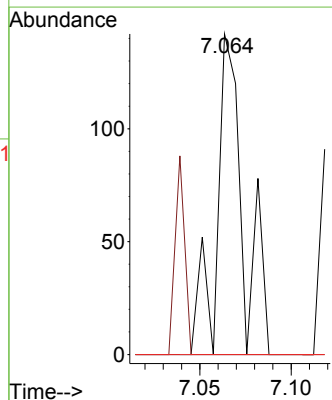
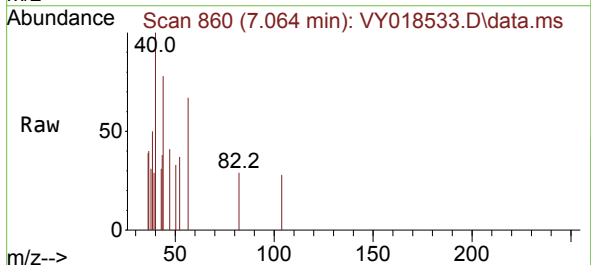
Instrument :
MSVOA_Y
ClientSampleId :

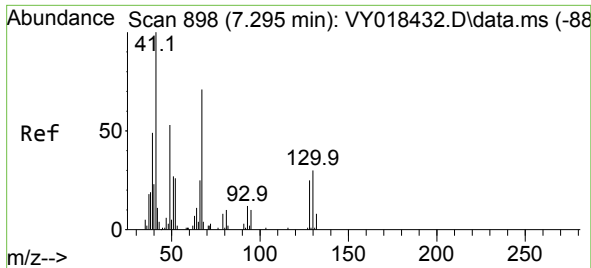
Tgt Ion:113 Resp: 899
Ion Ratio Lower Upper
113 100
111 112.0 82.2 123.4
192 14.7 15.9 23.9#



#37
Ethyl Acetate
Concen: 7.358 ug/l
RT: 7.064 min Scan# 860
Delta R.T. 0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

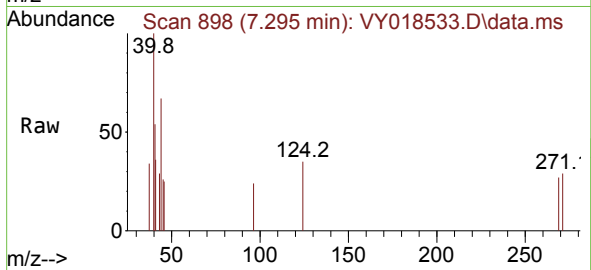
Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



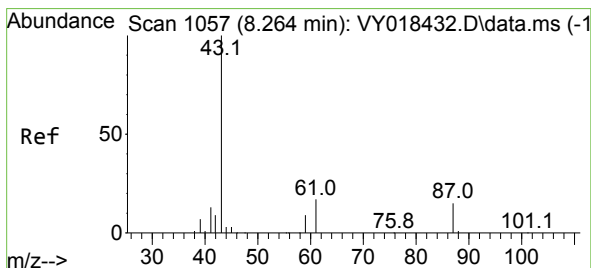
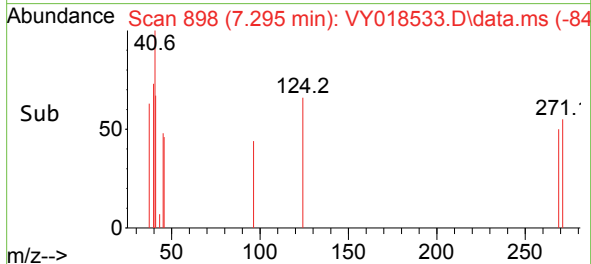
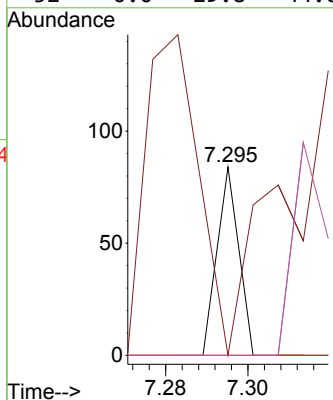


#41
Methacrylonitrile
Concen: 3.279 ug/l
RT: 7.295 min Scan# 898
Delta R.T. 0.000 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

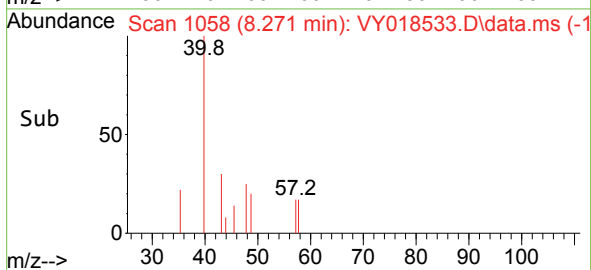
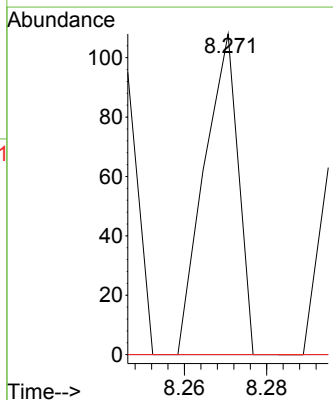
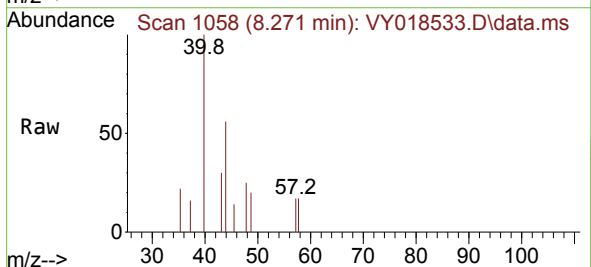


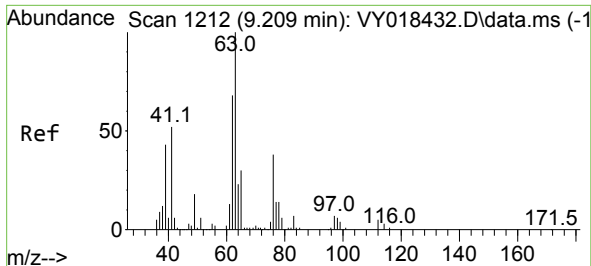
Tgt Ion:	41	Resp:	31
Ion	Ratio	Lower	Upper
41	100		
39	406.5	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#43
Isopropyl Acetate
Concen: 1.706 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion:	43	Resp:	62
Ion	Ratio	Lower	Upper
43	100		
61	0.0	27.9	41.9#
87	0.0	13.1	19.7#





#45

1,2-Dichloropropane

Concen: 2.851 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. -0.018 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

Instrument :

MSVOA_Y

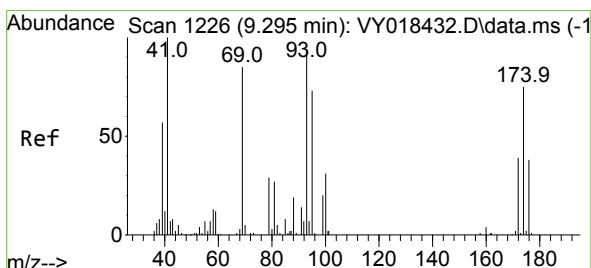
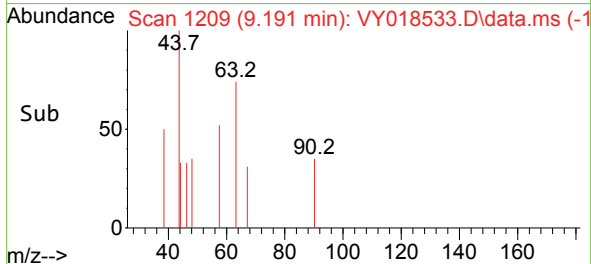
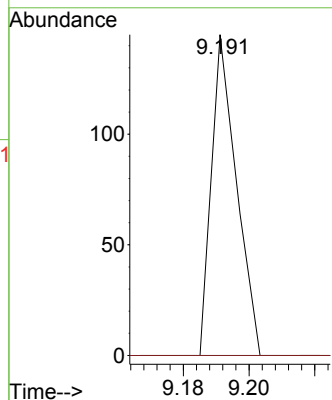
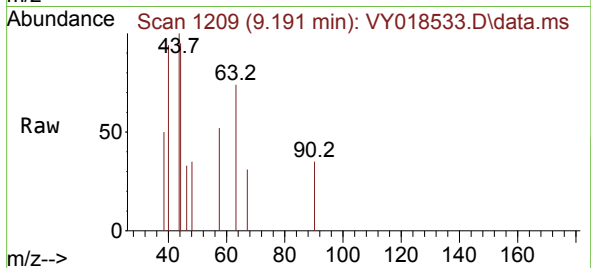
ClientSampleId :

Tgt Ion: 63 Resp: 76

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 1.767 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.037 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

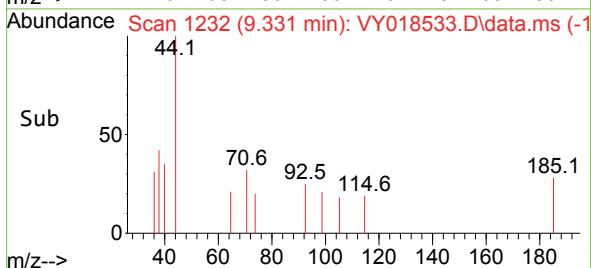
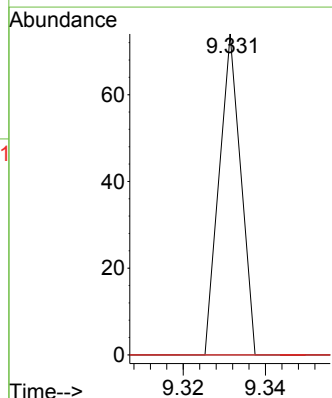
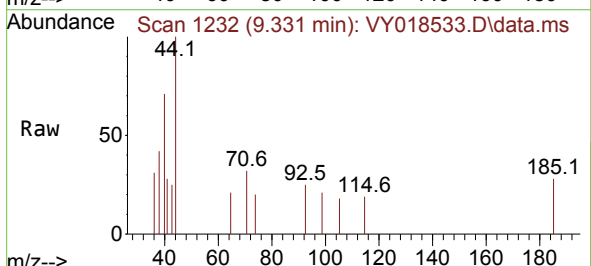
Tgt Ion: 93 Resp: 27

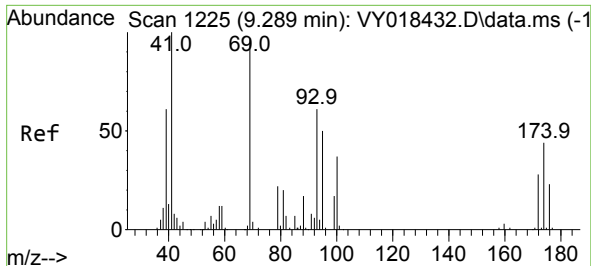
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

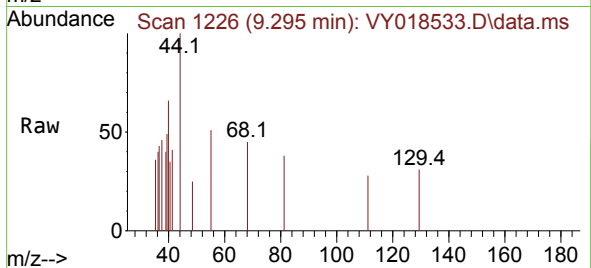
174 0.0 80.9 121.3#



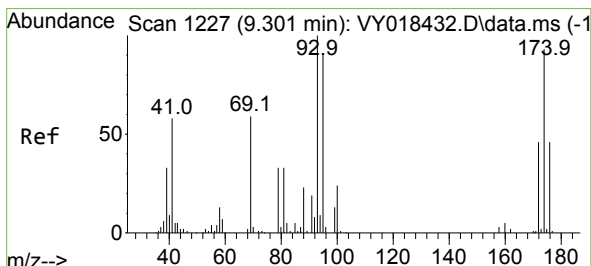
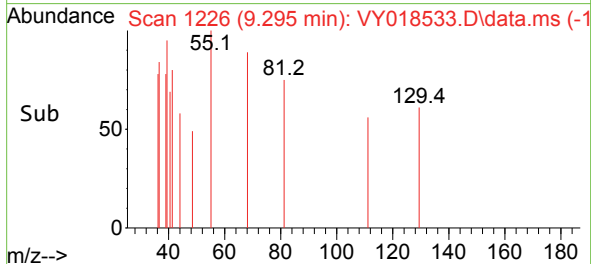
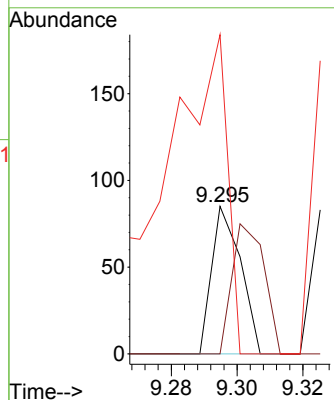


#48
Methyl methacrylate
Concen: 3.110 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

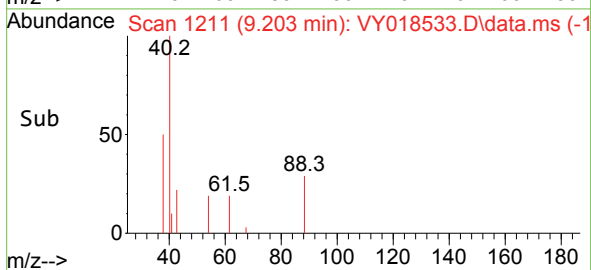
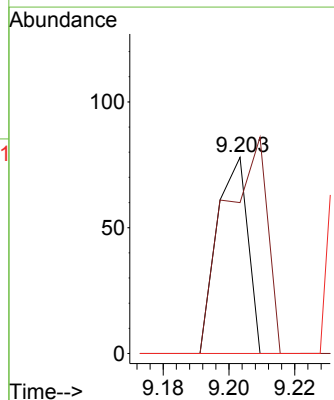
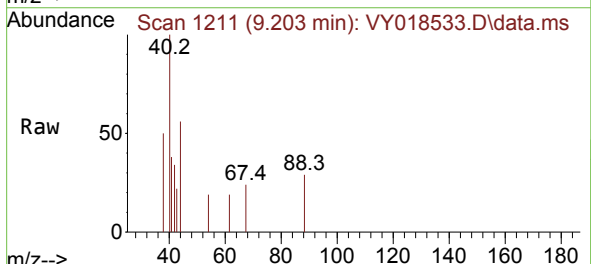


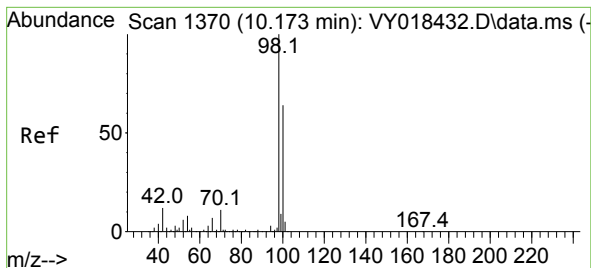
Tgt Ion: 41 Resp: 52
Ion Ratio Lower Upper
41 100
69 96.2 84.1 126.1
39 484.6 43.6 65.4#



#49
1,4-Dioxane
Concen: 254.108 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. -0.097 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 149.0 0.0 0.0#
58 0.0 49.3 73.9#

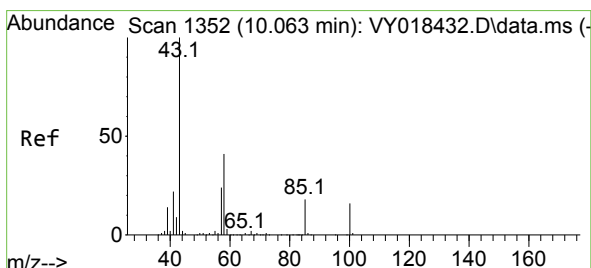
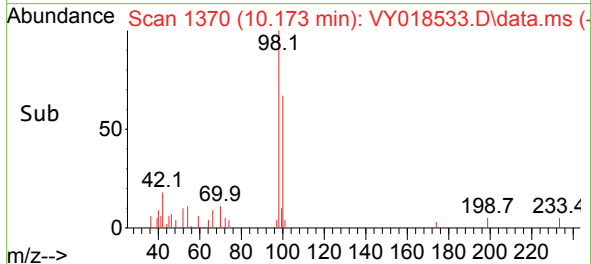
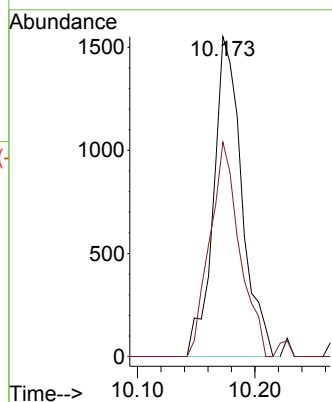
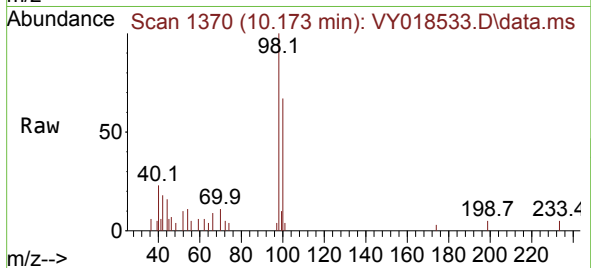




#50
Toluene-d8
Concen: 25.685 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

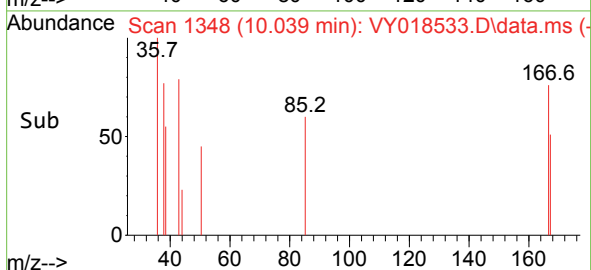
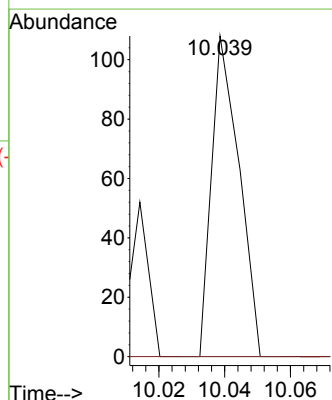
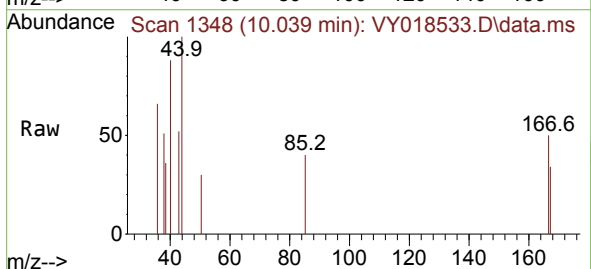
Instrument :
MSVOA_Y
ClientSampleId :

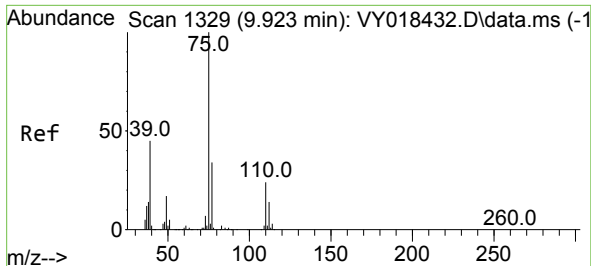
Tgt Ion: 98 Resp: 2607
Ion Ratio Lower Upper
98 100
100 70.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 3.339 ug/l
RT: 10.039 min Scan# 1348
Delta R.T. -0.024 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

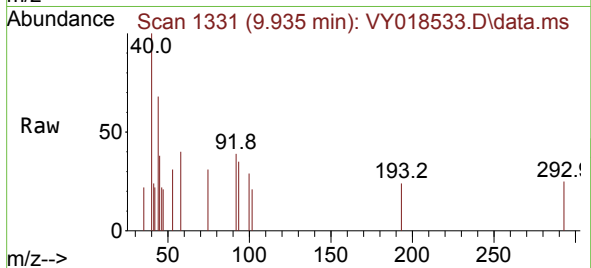
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



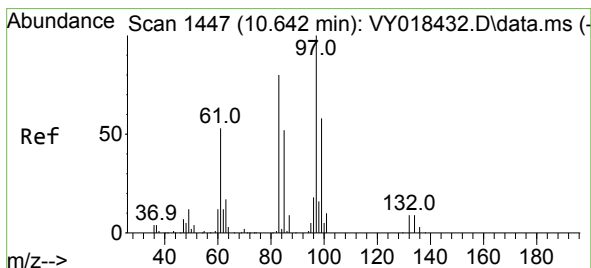
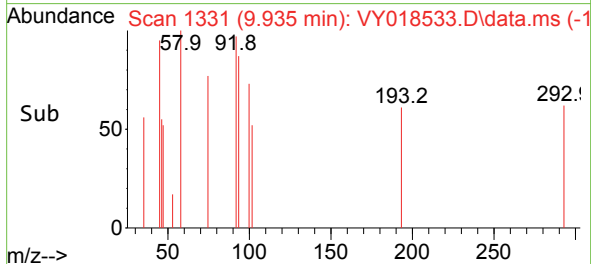
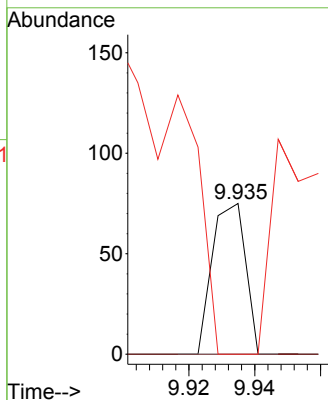


#54
cis-1,3-Dichloropropene
Concen: 1.278 ug/l
RT: 9.935 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

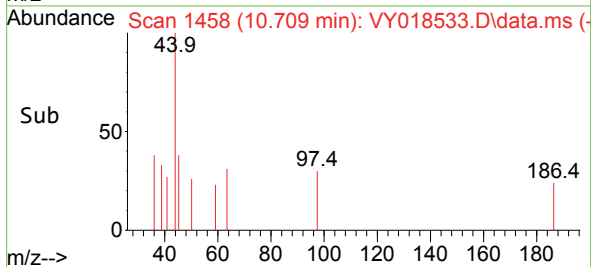
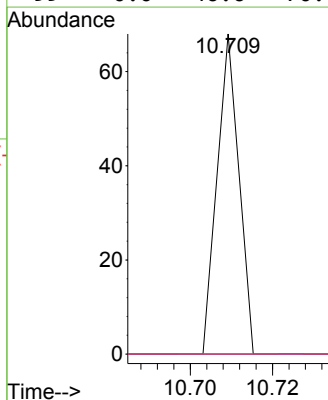
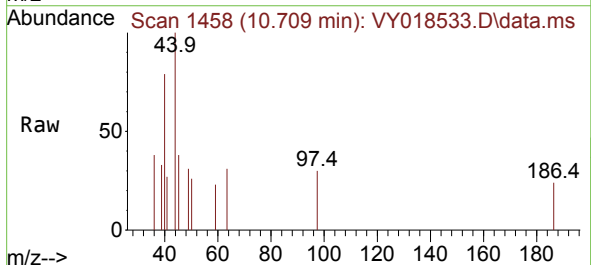


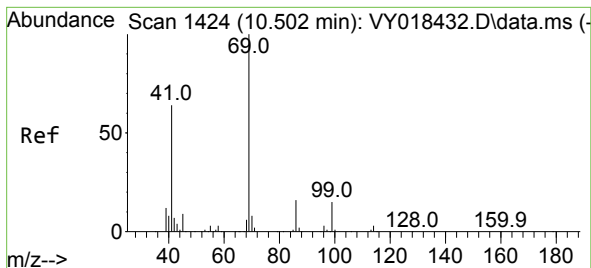
Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 0.0 29.8 44.6#



#55
1,1,2-Trichloroethane
Concen: 1.257 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. 0.067 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 97 Resp: 25
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: 1.930 ug/l

RT: 10.368 min Scan# 14

Delta R.T. -0.134 min

Lab File: VY018533.D

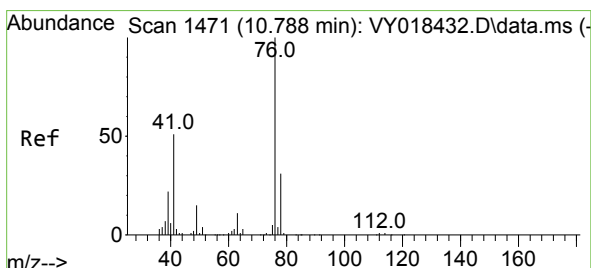
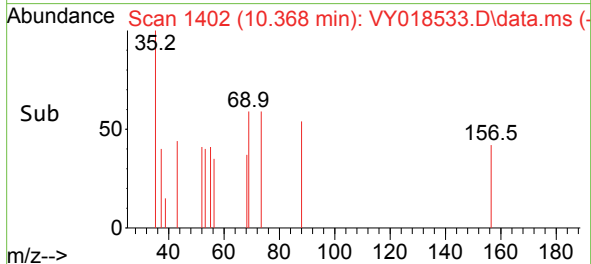
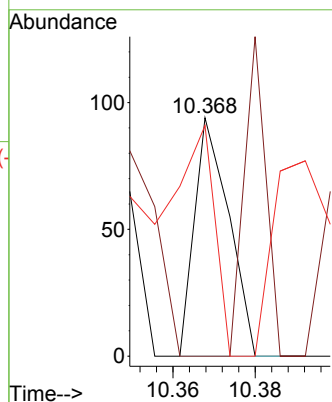
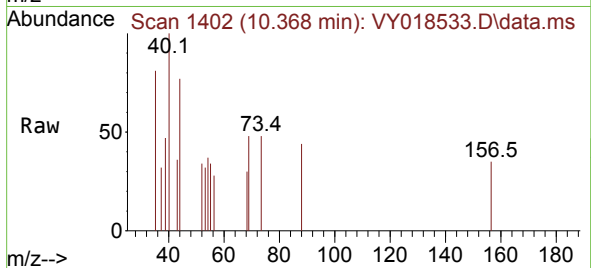
Acq: 07 Jun 2024 17:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	69	Resp:	54
Ion	Ratio	Lower	Upper
69	100		
41	85.2	42.3	63.5#
39	187.0	22.9	34.3#



#57

1,3-Dichloropropane

Concen: 2.044 ug/l

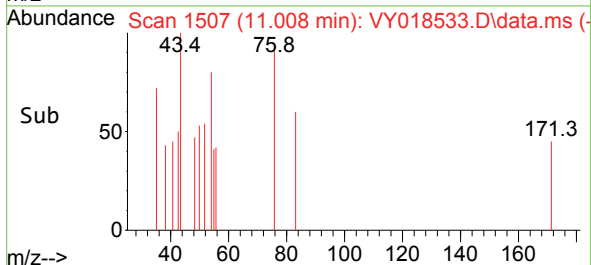
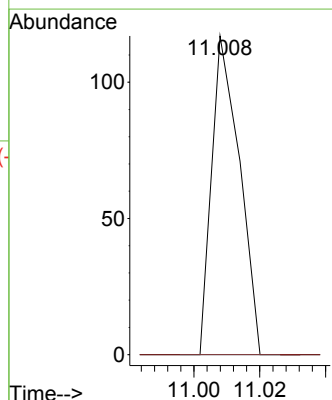
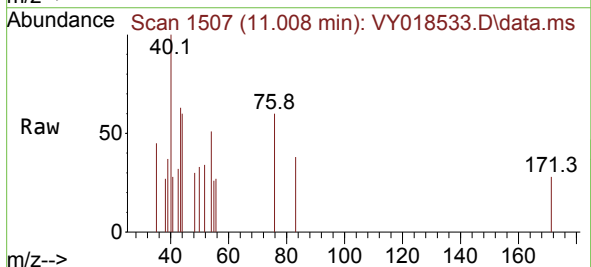
RT: 11.008 min Scan# 1507

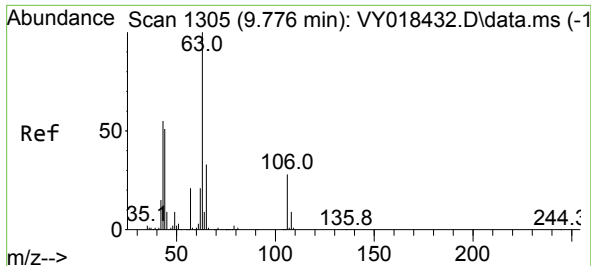
Delta R.T. 0.220 min

Lab File: VY018533.D

Acq: 07 Jun 2024 17:44

Tgt Ion:	76	Resp:	69
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#

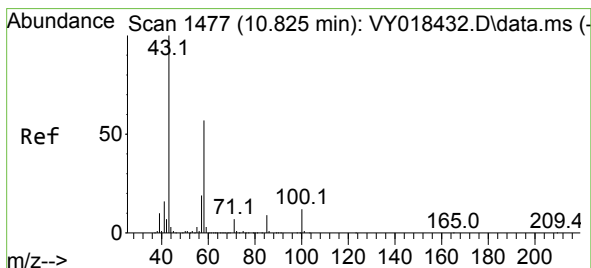
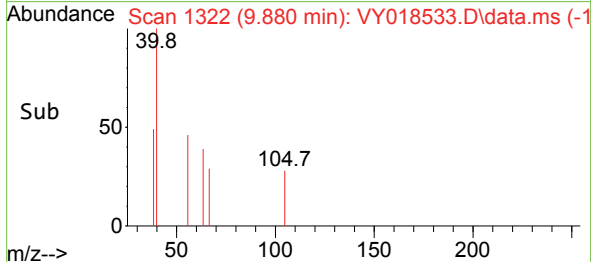
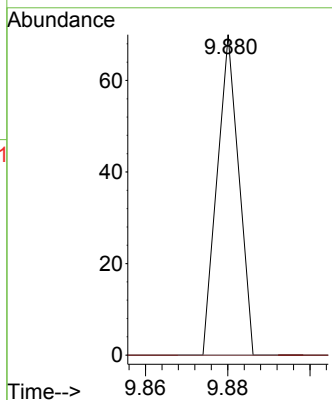
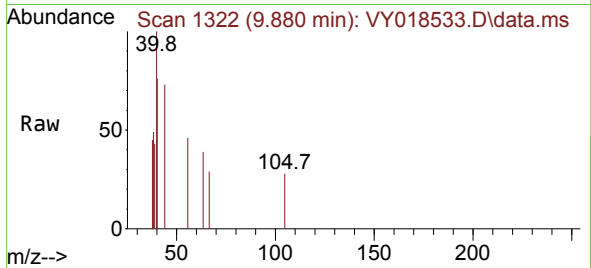




#58
2-Chloroethyl Vinyl ether
Concen: 1.730 ug/l
RT: 9.880 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

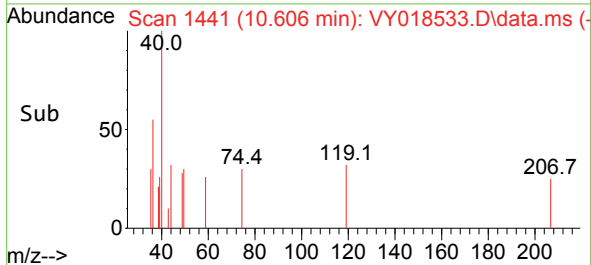
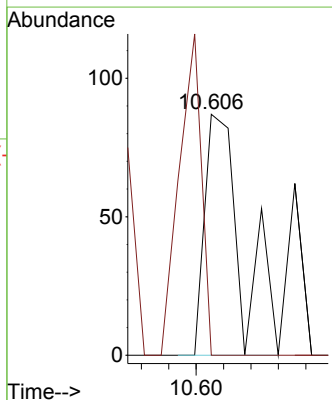
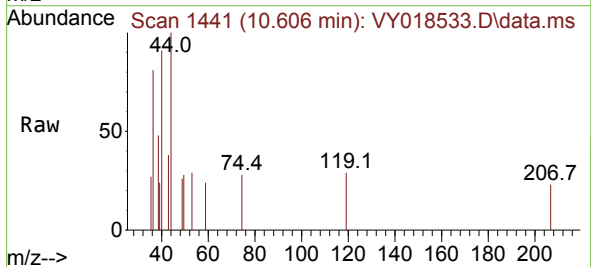
Instrument :
MSVOA_Y
ClientSampleId :

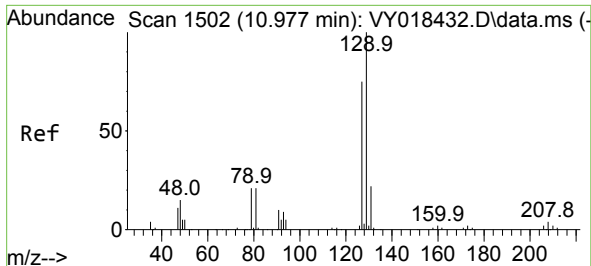
Tgt Ion: 63 Resp: 26
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 6.212 ug/l
RT: 10.606 min Scan# 1441
Delta R.T. -0.219 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
58 80.2 31.4 94.0

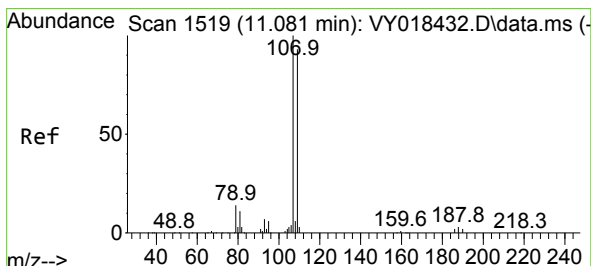
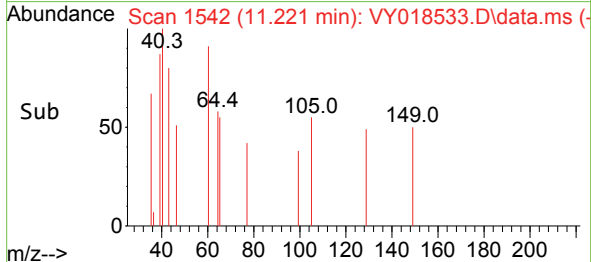
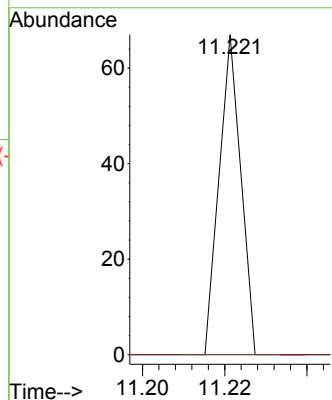
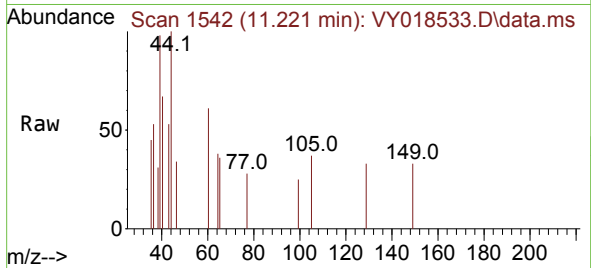




#60
Dibromochloromethane
Concen: 1.029 ug/l
RT: 11.221 min Scan# 11
Delta R.T. 0.244 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

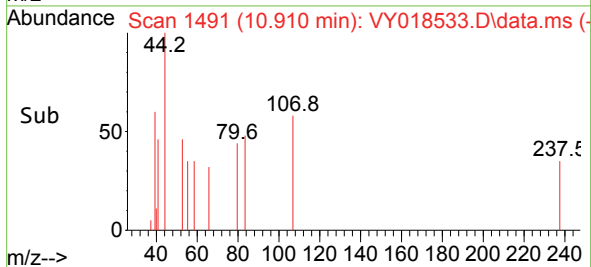
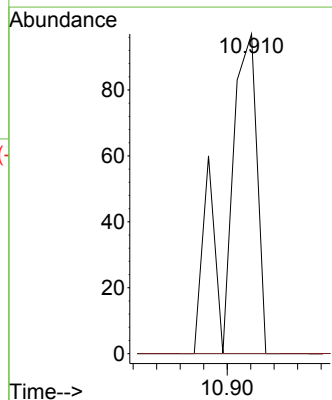
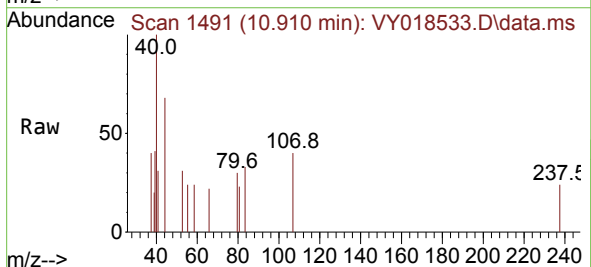
Instrument :
MSVOA_Y
ClientSampleId :

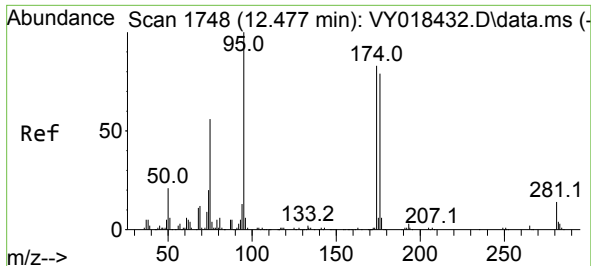
Tgt Ion:129 Resp: 25
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#61
1,2-Dibromoethane
Concen: 4.700 ug/l
RT: 10.910 min Scan# 1491
Delta R.T. -0.171 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

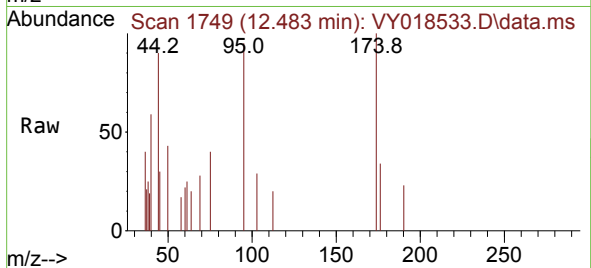
Tgt Ion:107 Resp: 88
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



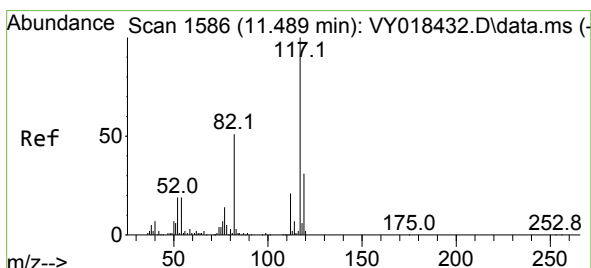
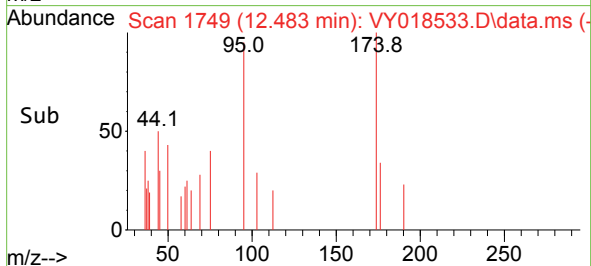
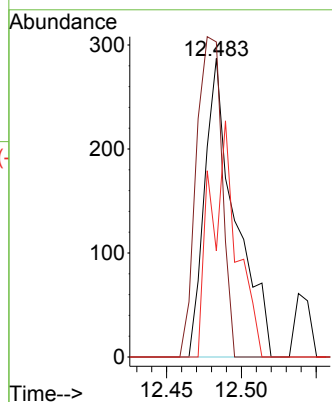


#62
4-Bromofluorobenzene
Concen: 12.910 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

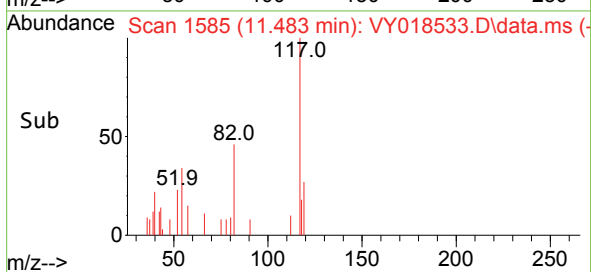
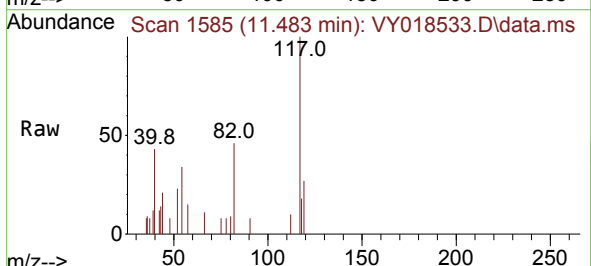
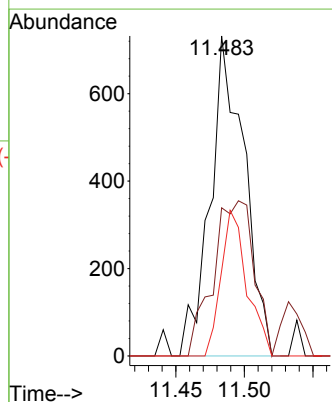


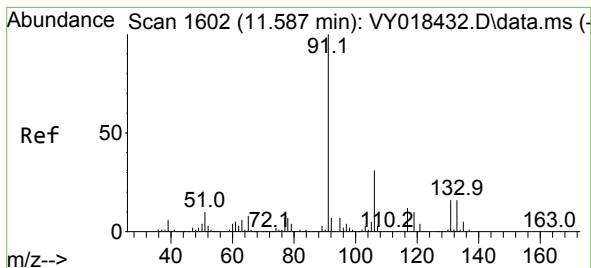
Tgt Ion: 95 Resp: 408
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 66.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 117 Resp: 1266
Ion Ratio Lower Upper
117 100
82 46.3 42.4 63.6
119 26.6 25.9 38.9

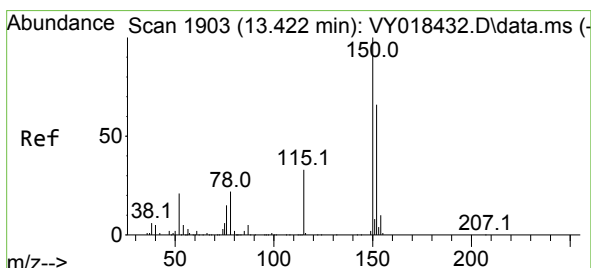
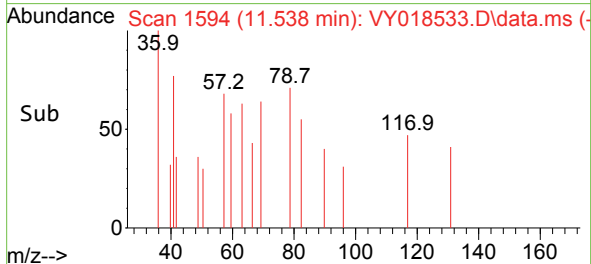
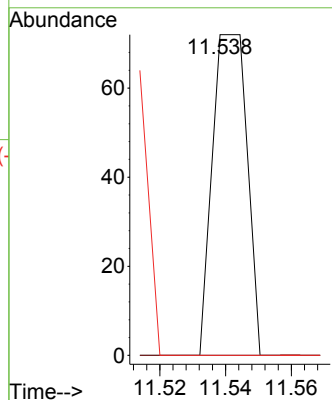
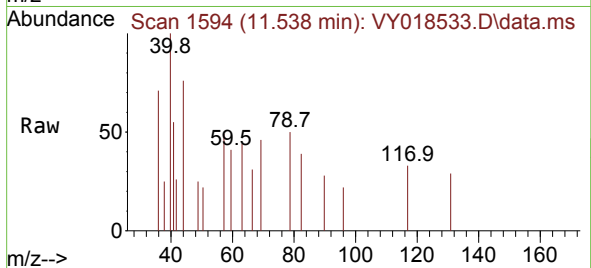




#66
1,1,1,2-Tetrachloroethane
Concen: 3.019 ug/l
RT: 11.538 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

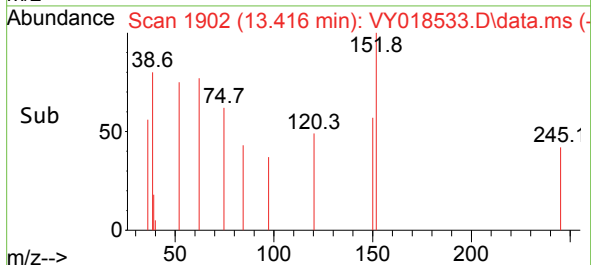
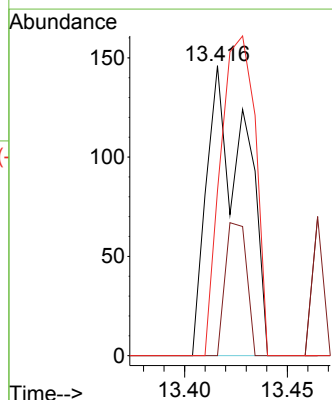
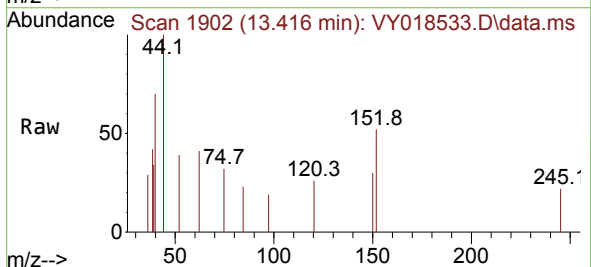
Instrument :
MSVOA_Y
ClientSampleId :

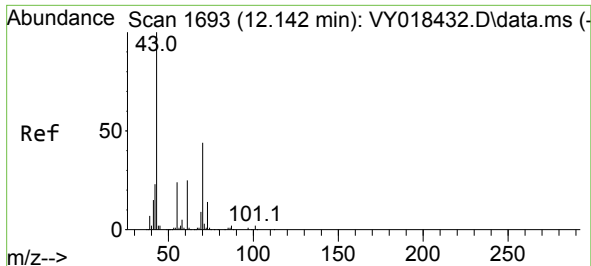
Tgt Ion:131 Resp: 53
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.3#
119 0.0 34.1 102.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

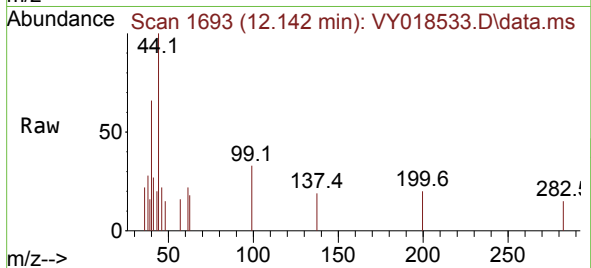
Tgt Ion:152 Resp: 188
Ion Ratio Lower Upper
152 100
115 25.5 28.2 84.7#
150 101.1 0.0 345.6



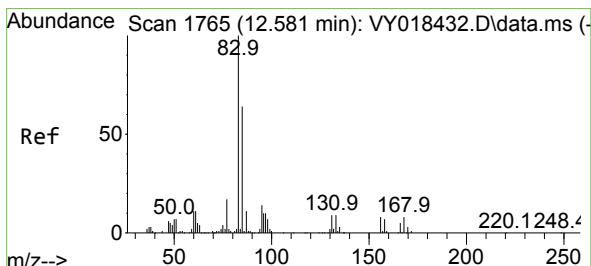
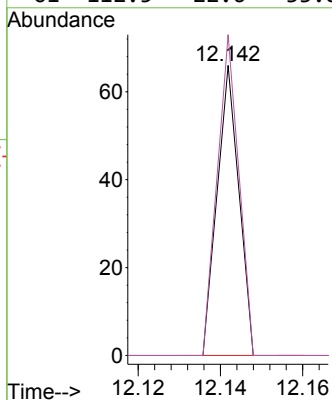
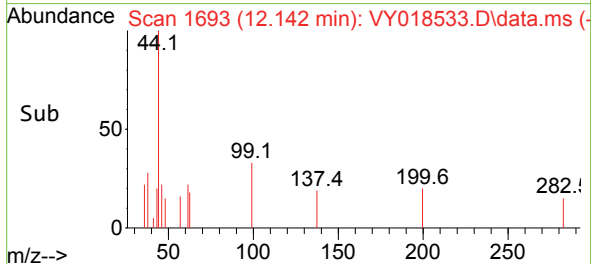


#74
N-amy1 acetate
Concen: 5.082 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

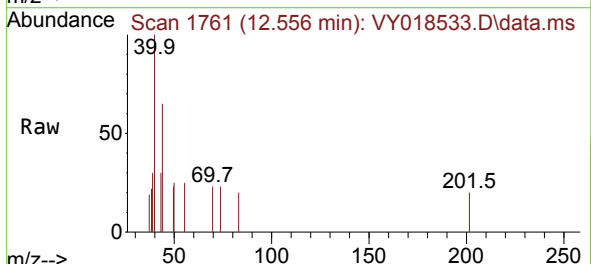
Instrument :
MSVOA_Y
ClientSampleId :



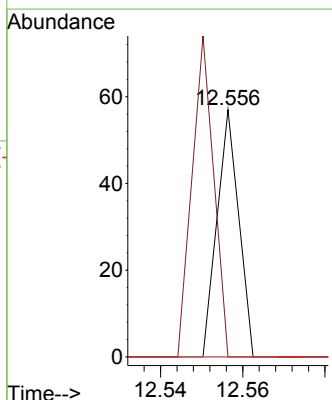
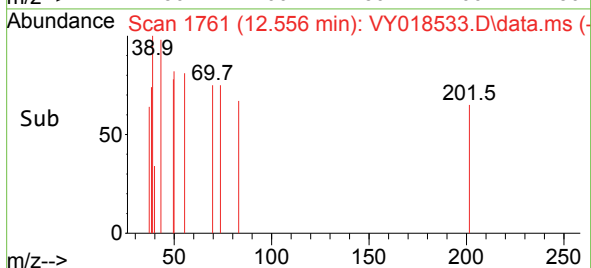
Tgt Ion: 43	Resp: 24
Ion Ratio	Lower Upper
43 100	
70 0.0	41.4 62.2#
55 0.0	23.3 34.9#
61 112.5	22.6 33.8#

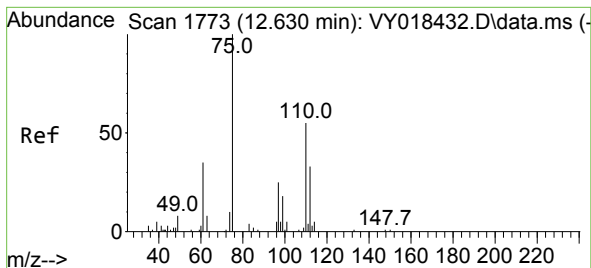


#75
1,1,2,2-Tetrachloroethane
Concen: 6.149 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.024 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44



Tgt Ion: 83	Resp: 21
Ion Ratio	Lower Upper
83 100	
131 128.6	5.0 14.9#
85 0.0	32.0 96.0#

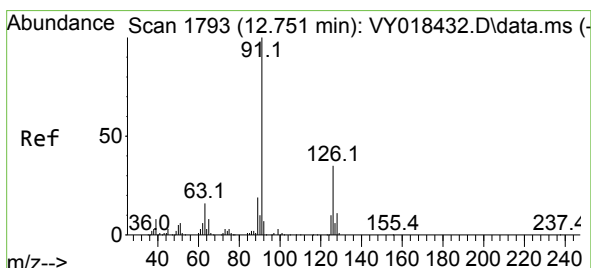
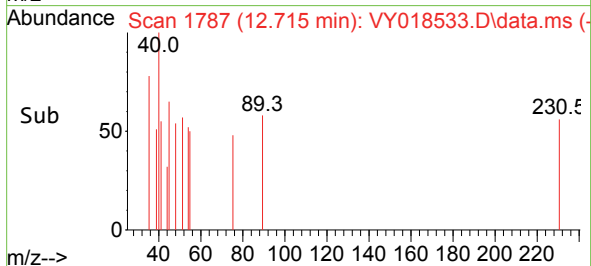
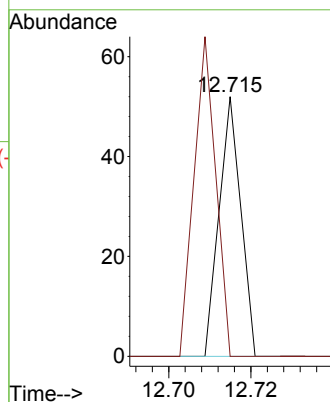
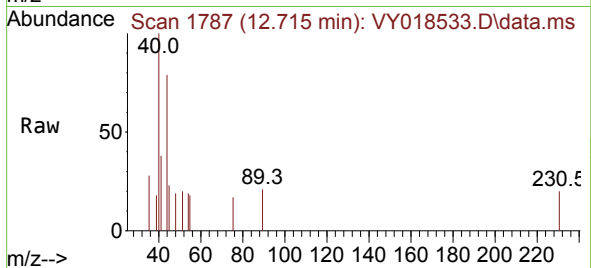




#76
1,2,3-Trichloropropane
Concen: 8.150 ug/l
RT: 12.715 min Scan# 1787
Delta R.T. 0.085 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

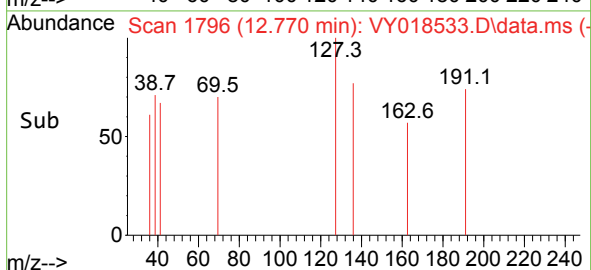
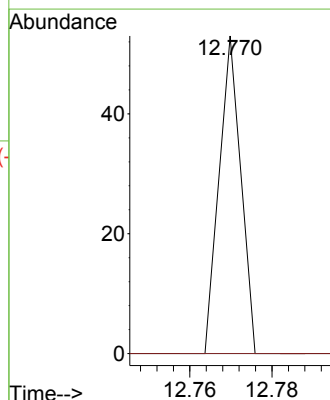
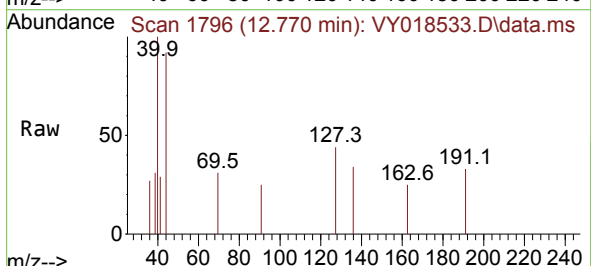
Instrument :
MSVOA_Y
ClientSampleId :

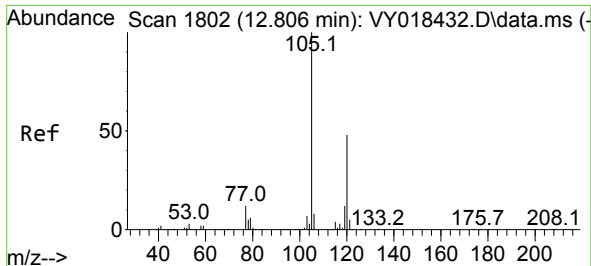
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 121.1 0.0 0.0#



#79
2-Chlorotoluene
Concen: 1.501 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.018 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

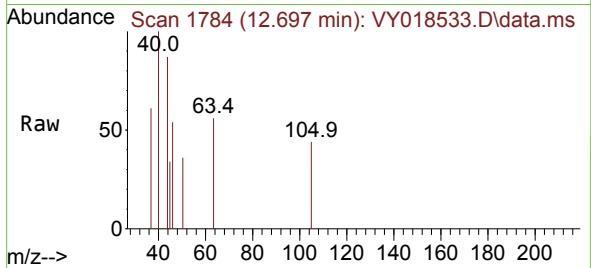
Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



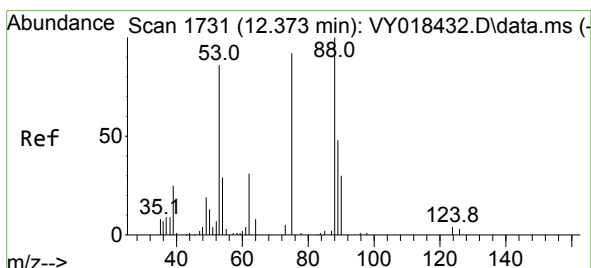
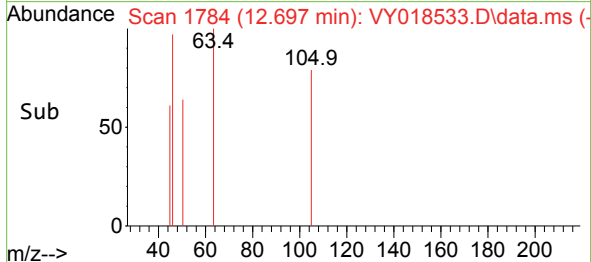
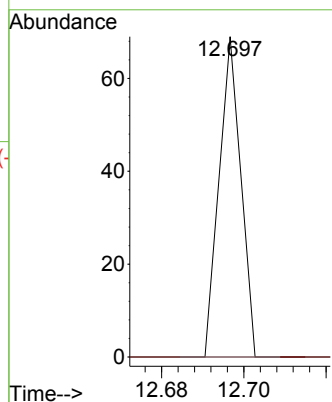


#80
 1,3,5-Trimethylbenzene
 Concen: 1.655 ug/l
 RT: 12.697 min Scan# 11
 Delta R.T. -0.110 min
 Lab File: VY018533.D
 Acq: 07 Jun 2024 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :

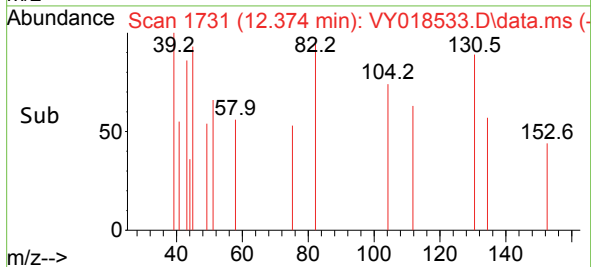
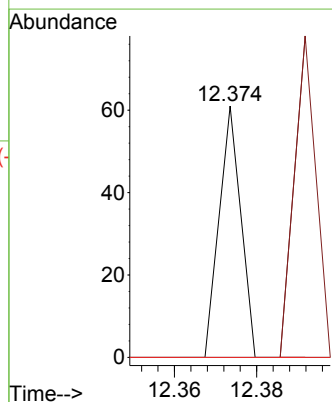
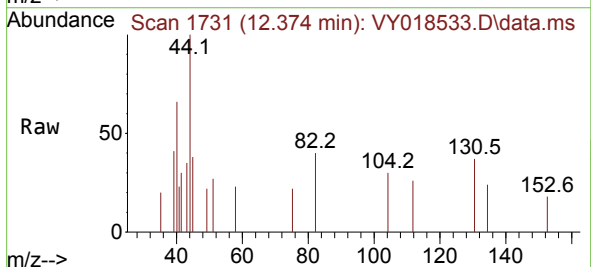


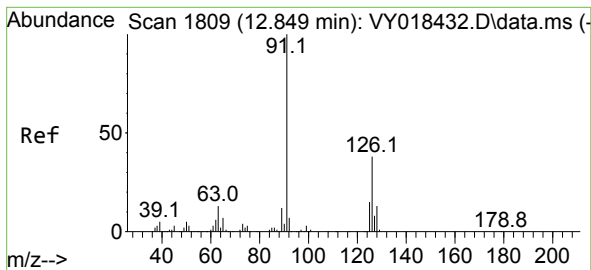
Tgt Ion:105 Resp: 25
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.1 75.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.827 ug/l
 RT: 12.374 min Scan# 1731
 Delta R.T. 0.000 min
 Lab File: VY018533.D
 Acq: 07 Jun 2024 17:44

Tgt Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 53 131.8 66.8 100.2#
 89 0.0 35.8 53.6#

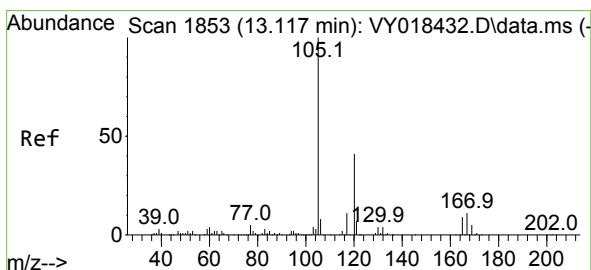
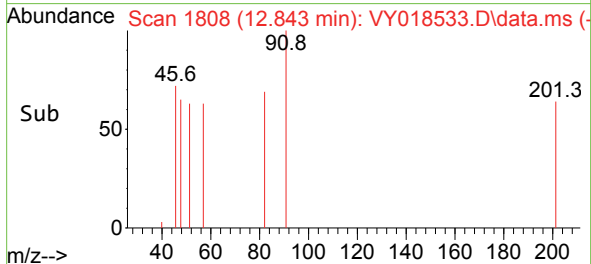
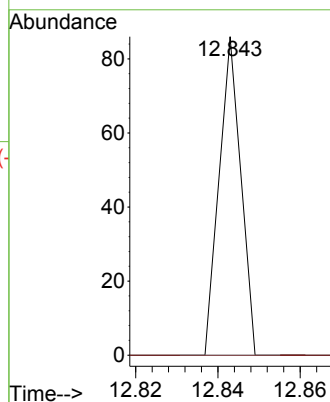
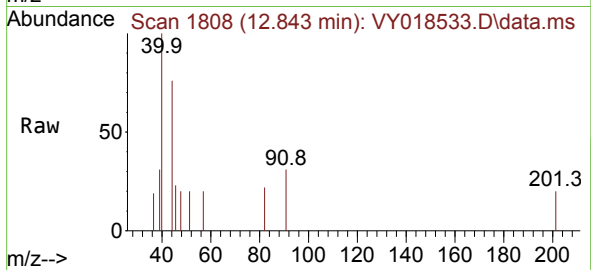




#82
 4-Chlorotoluene
 Concen: 2.434 ug/l
 RT: 12.843 min Scan# 1808
 Delta R.T. -0.006 min
 Lab File: VY018533.D
 Acq: 07 Jun 2024 17:44

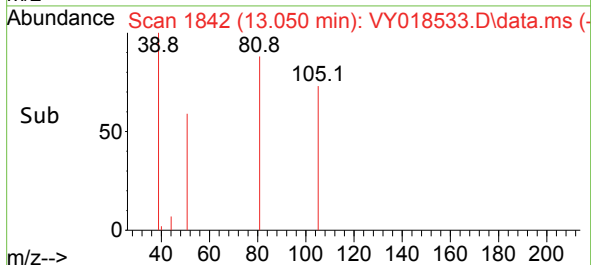
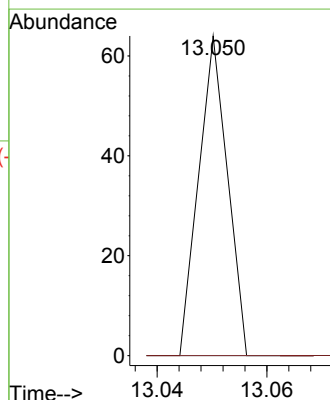
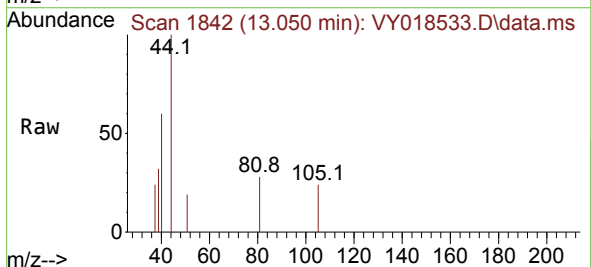
Instrument :
 MSVOA_Y
 ClientSampleId :

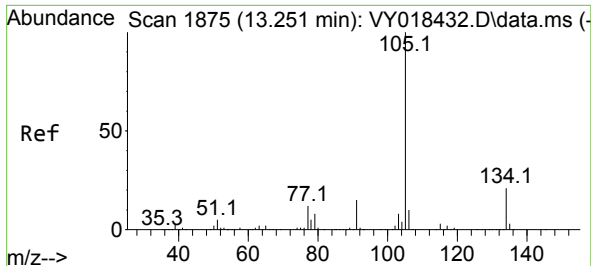
Tgt Ion: 91 Resp: 31
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.555 ug/l
 RT: 13.050 min Scan# 1842
 Delta R.T. -0.067 min
 Lab File: VY018533.D
 Acq: 07 Jun 2024 17:44

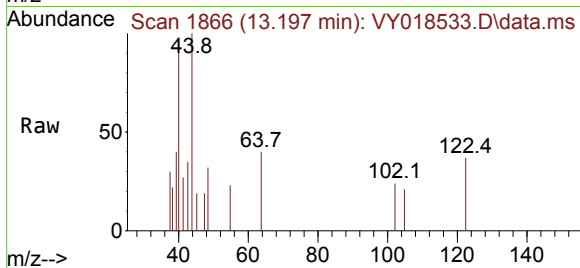
Tgt Ion: 105 Resp: 23
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.2 69.6#



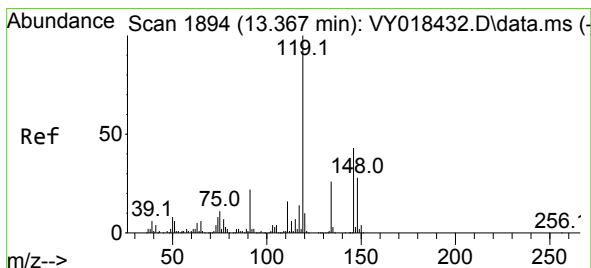
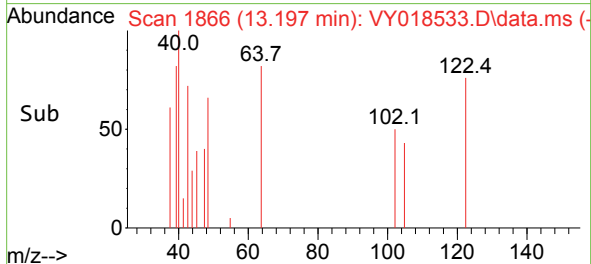
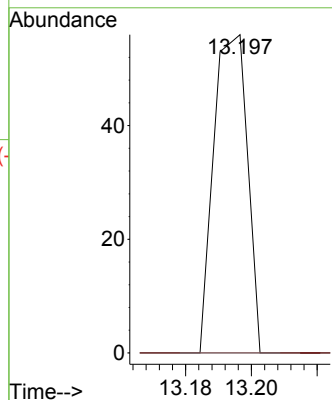


#85
 sec-Butylbenzene
 Concen: 1.944 ug/l
 RT: 13.197 min Scan# 11
 Delta R.T. -0.055 min
 Lab File: VY018533.D
 Acq: 07 Jun 2024 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :

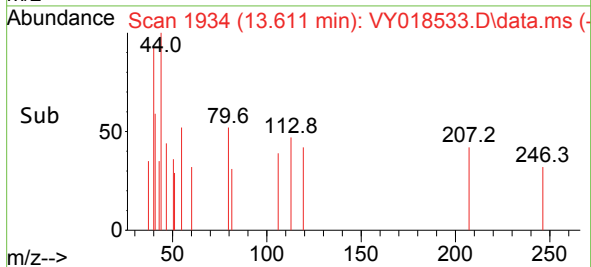
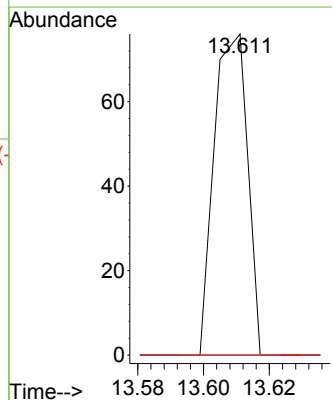
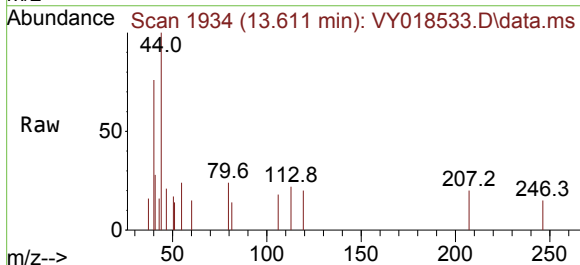


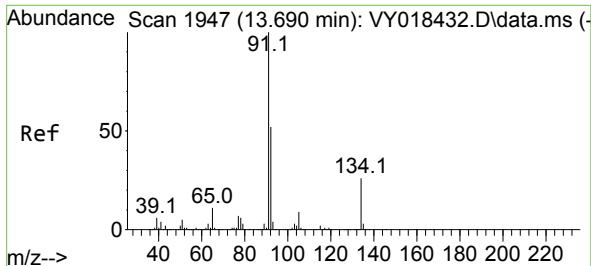
Tgt Ion:105 Resp: 40
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 3.191 ug/l
 RT: 13.611 min Scan# 1934
 Delta R.T. 0.244 min
 Lab File: VY018533.D
 Acq: 07 Jun 2024 17:44

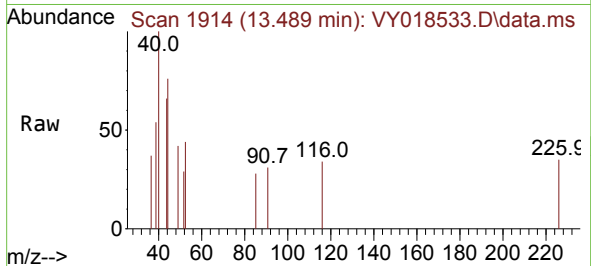
Tgt Ion:119 Resp: 53
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 0.0 10.7 32.1#



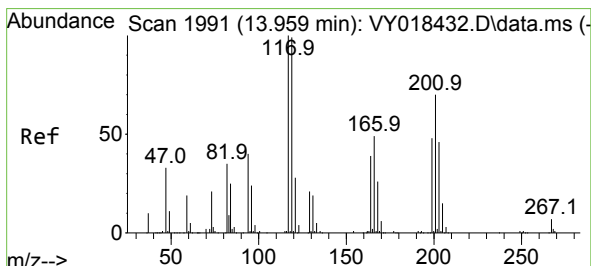
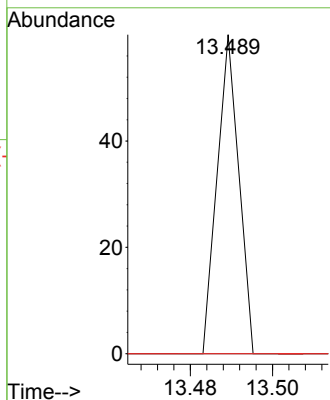
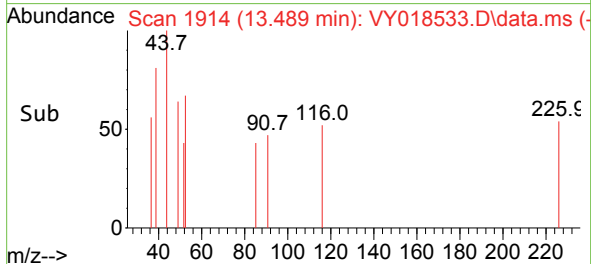


#89
n-Butylbenzene
Concen: 1.394 ug/l
RT: 13.489 min Scan# 1914
Delta R.T. -0.201 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

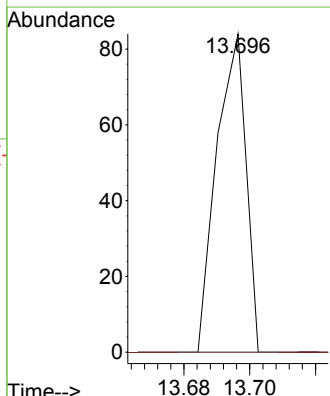
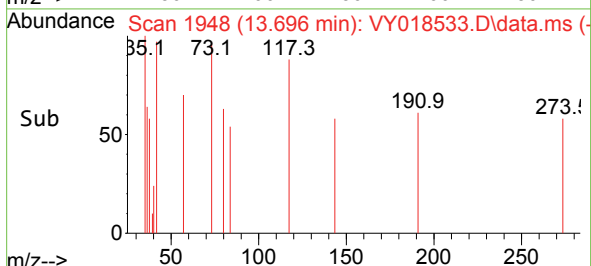
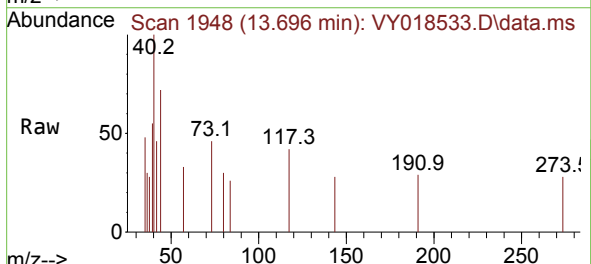


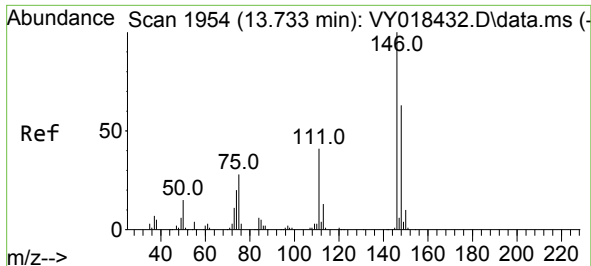
Tgt Ion: 91 Resp: 22
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 16.705 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.262 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

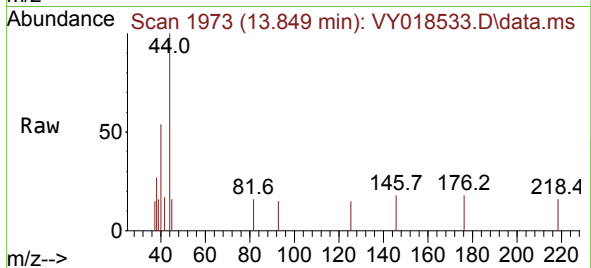
Tgt Ion: 117 Resp: 52
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#



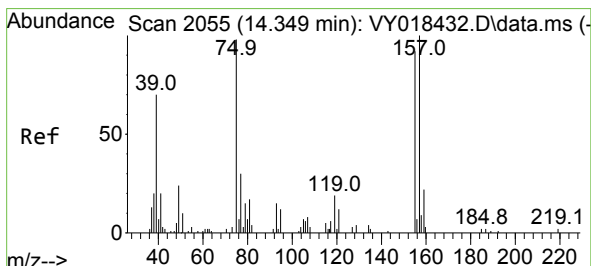
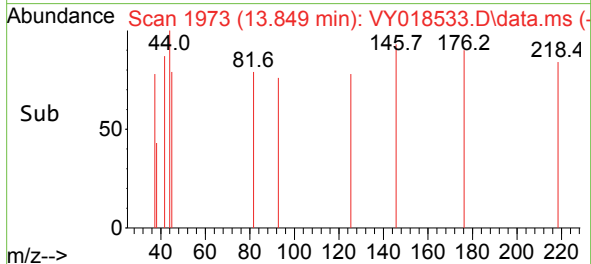
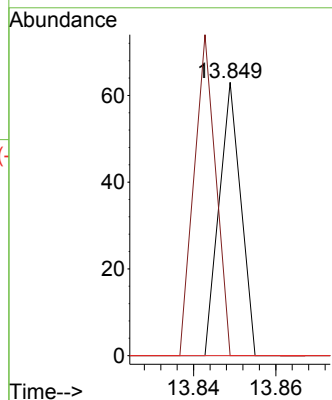


#91
1,2-Dichlorobenzene
Concen: 3.253 ug/l
RT: 13.849 min Scan# 1954
Delta R.T. 0.116 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:146 Resp: 23
Ion Ratio Lower Upper
146 100
111 117.4 19.9 59.7#
148 0.0 31.8 95.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 36.561 ug/l
RT: 14.391 min Scan# 2062
Delta R.T. 0.043 min
Lab File: VY018533.D
Acq: 07 Jun 2024 17:44

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

