

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018386.D
 Acq On : 28 May 2024 17:38
 Operator : SY/MD
 Sample : P2612-10
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 29 01:22:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.771	168	2007	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.685	114	3608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1961	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	360	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	449	23.613	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.220%#
35) Dibromofluoromethane	7.710	113	1164	55.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.179	98	3702	45.129	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.477	95	652	25.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.440%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.052	85	24	1.401	ug/l #	43
3) Chloromethane	2.113	50	287	10.310	ug/l #	67
4) Vinyl Chloride	2.229	62	119	3.821	ug/l #	42
5) Bromomethane	2.662	94	156	7.006	ug/l #	79
6) Chloroethane	2.753	64	115	5.689	ug/l #	42
8) Diethyl Ether	3.552	74	67	6.004	ug/l #	53
10) Methyl Iodide	4.082	142	67	3.090	ug/l #	40
11) Tert butyl alcohol	4.966	59	46	Below Cal	#	1
12) 1,1-Dichloroethene	3.637	96	67	3.155	ug/l #	1
13) Acrolein	3.686	56	22	Below Cal	#	15
14) Allyl chloride	4.436	41	183	6.170	ug/l #	19
15) Acrylonitrile	5.137	53	22	4.558	ug/l #	1
16) Acetone	3.924	43	104	26.593	ug/l #	36
17) Carbon Disulfide	4.143	76	71	1.197	ug/l #	76
18) Methyl Acetate	4.442	43	71	6.849	ug/l #	46
20) Methylene Chloride	4.698	84	335	11.112	ug/l #	12
23) Vinyl Acetate	6.045	43	48	1.216	ug/l #	67
24) 1,1-Dichloroethane	6.021	63	127	3.360	ug/l #	80
25) 2-Butanone	6.960	43	74	11.940	ug/l #	41
26) 2,2-Dichloropropane	6.960	77	51	1.561	ug/l #	1
27) cis-1,2-Dichloroethene	6.948	96	27	1.026	ug/l #	39
28) Bromochloromethane	7.387	49	89	6.933	ug/l #	6
29) Tetrahydrofuran	7.320	42	136	33.340	ug/l #	50
31) Cyclohexane	7.765	56	71	Below Cal	#	11
36) 1,1-Dichloropropene	7.887	75	49	1.606	ug/l #	40
37) Ethyl Acetate	7.033	43	114	7.810	ug/l #	58
38) Carbon Tetrachloride	7.795	117	226	7.232	ug/l #	17
41) Methacrylonitrile	7.332	41	181	24.842	ug/l #	35
42) 1,2-Dichloroethane	8.228	62	28	1.251	ug/l #	71
45) 1,2-Dichloropropane	9.222	63	33	1.577	ug/l #	43
46) Dibromomethane	9.277	93	26	2.118	ug/l #	3
48) Methyl methacrylate	9.283	41	21	1.630	ug/l #	1
49) 1,4-Dioxane	9.350	88	22	138.128	ug/l #	68
51) 4-Methyl-2-Pentanone	9.959	43	114	7.931	ug/l	96
53) t-1,3-Dichloropropene	10.502	75	65	2.386	ug/l #	45
54) cis-1,3-Dichloropropene	9.892	75	44	1.318	ug/l #	40

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

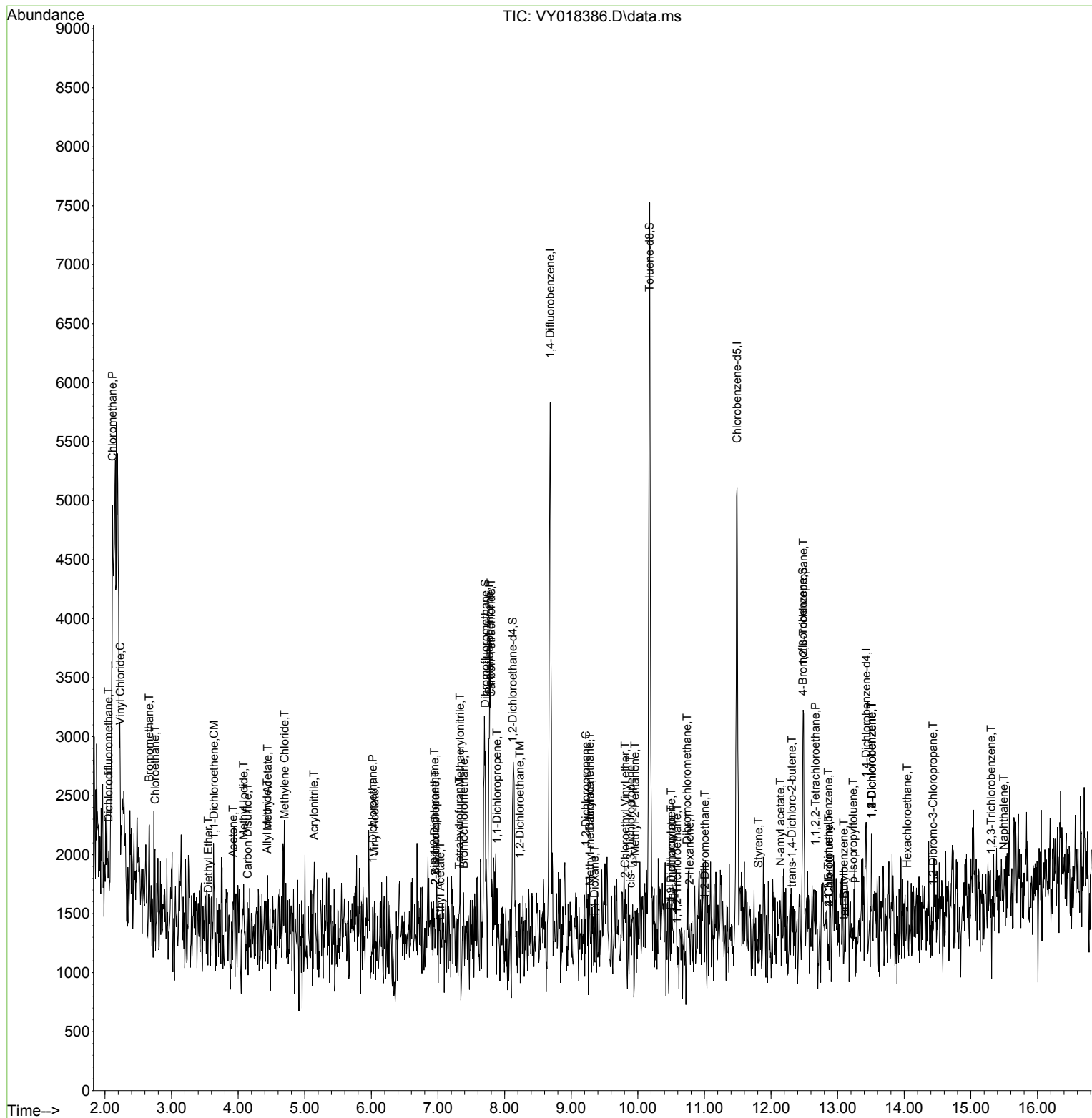
55) 1,1,2-Trichloroethane	10.587	97	20	1.230	ug/l #	16
56) Ethyl methacrylate	10.502	69	26	1.166	ug/l #	33
58) 2-Chloroethyl Vinyl ether	9.813	63	69	6.845	ug/l #	45
59) 2-Hexanone	10.776	43	155	15.672	ug/l	64
60) Dibromochloromethane	10.740	129	46	2.342	ug/l #	10
61) 1,2-Dibromoethane	11.008	107	20	1.333	ug/l #	2
70) Styrene	11.813	104	46	1.077	ug/l #	27
74) N-amyl acetate	12.142	43	135	20.450	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.666	83	33	6.845	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	405	125.170	ug/l #	100
79) 2-Chlorotoluene	12.867	91	32	1.745	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.861	105	30	1.349	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.313	75	19	12.082	ug/l #	16
82) 4-Chlorotoluene	12.867	91	32	1.721	ug/l #	39
83) tert-Butylbenzene	13.093	119	54	2.627	ug/l #	28
86) p-Isopropyltoluene	13.233	119	37	1.488	ug/l #	43
87) 1,3-Dichlorobenzene	13.514	146	64	5.244	ug/l #	25
88) 1,4-Dichlorobenzene	13.514	146	64	5.269	ug/l #	25
90) Hexachloroethane	14.044	117	27	5.880	ug/l #	12
91) 1,2-Dichlorobenzene	13.514	146	64	6.044	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.434	75	88	133.075	ug/l #	1
95) Naphthalene	15.495	128	19	1.602	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.306	180	26	5.070	ug/l #	12

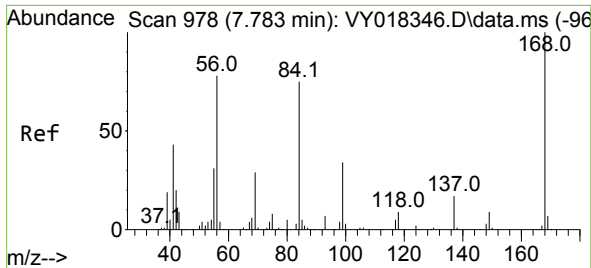
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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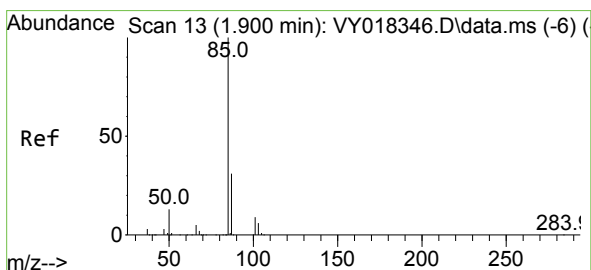
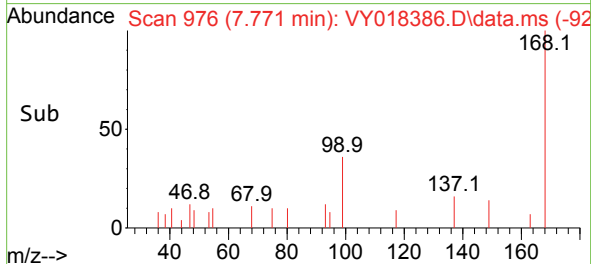
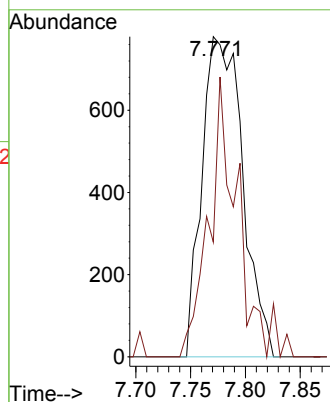
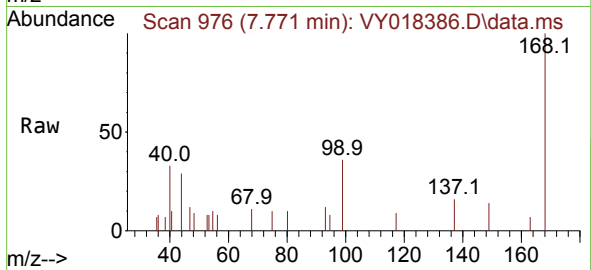




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

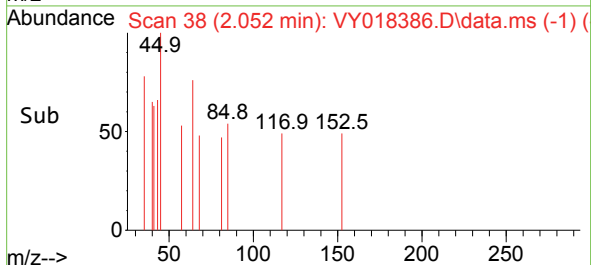
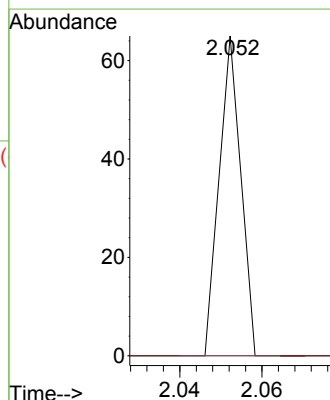
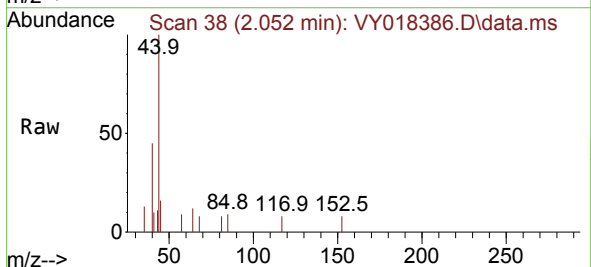
Instrument :
MSVOA_Y
ClientSampleId :

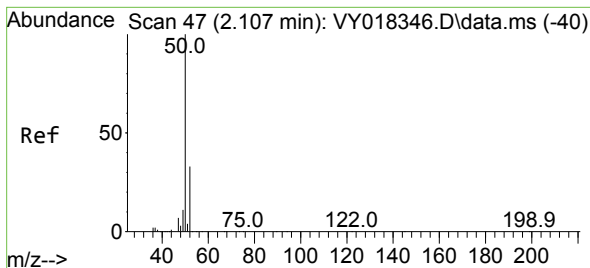
Tgt Ion:168 Resp: 2007
Ion Ratio Lower Upper
168 100
99 35.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 1.401 ug/l
RT: 2.052 min Scan# 38
Delta R.T. 0.152 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 85 Resp: 24
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#3

Chloromethane

Concen: 10.310 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

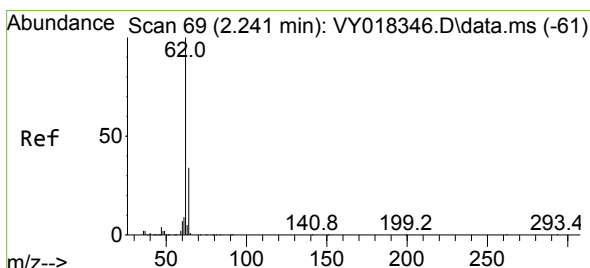
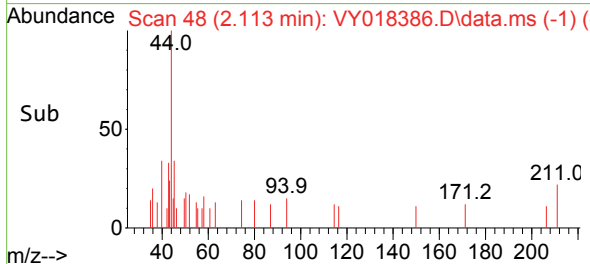
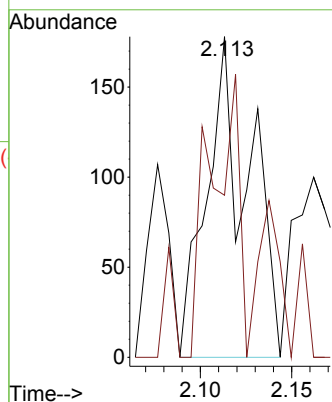
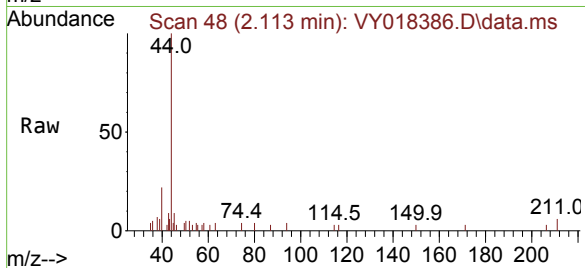
ClientSampleId :

Tgt Ion: 50 Resp: 287

Ion Ratio Lower Upper

50 100

52 50.6 25.6 38.4#



#4

Vinyl Chloride

Concen: 3.821 ug/l

RT: 2.229 min Scan# 67

Delta R.T. -0.012 min

Lab File: VY018386.D

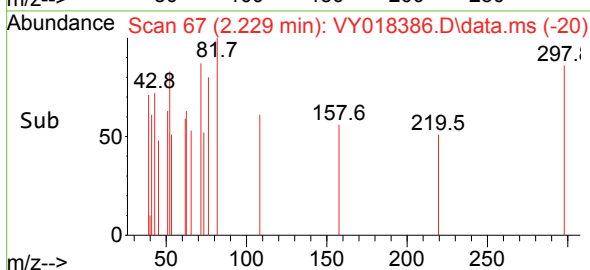
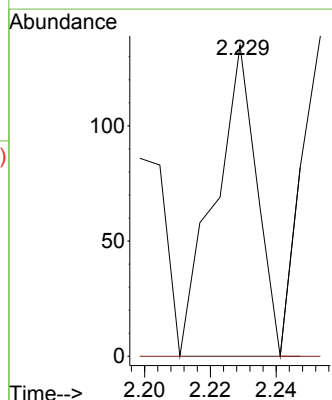
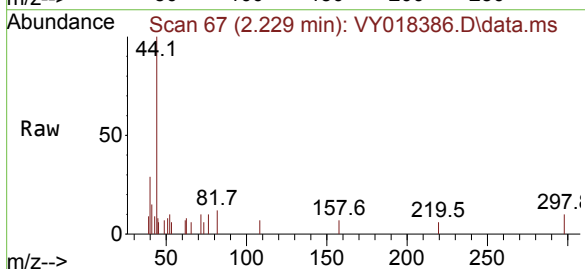
Acq: 28 May 2024 17:38

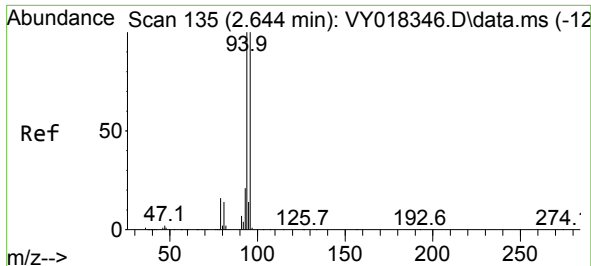
Tgt Ion: 62 Resp: 119

Ion Ratio Lower Upper

62 100

64 0.0 26.1 39.1#

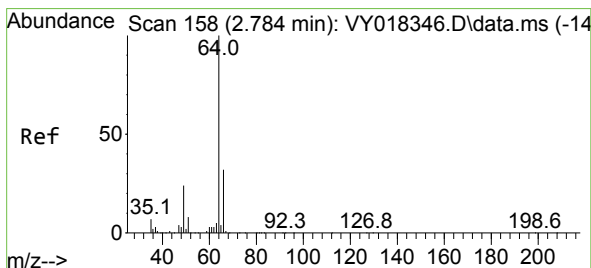
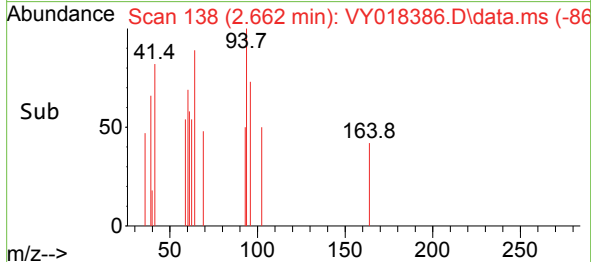
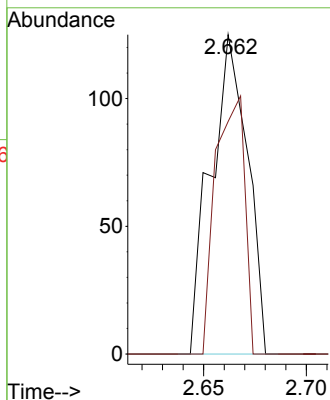
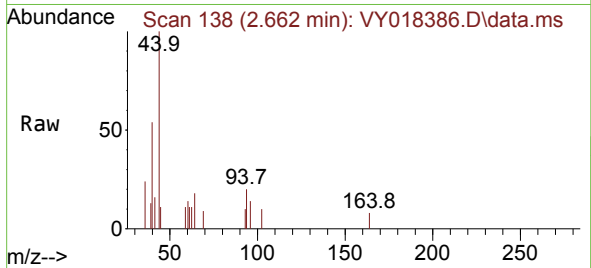




#5
Bromomethane
Concen: 7.006 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

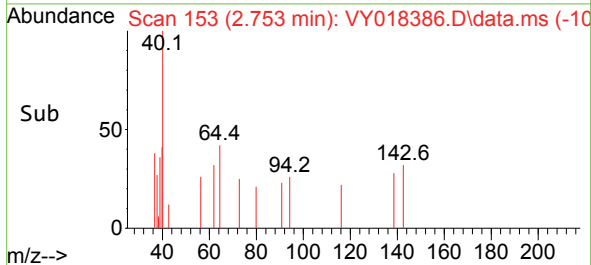
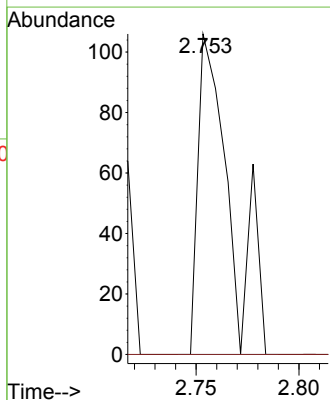
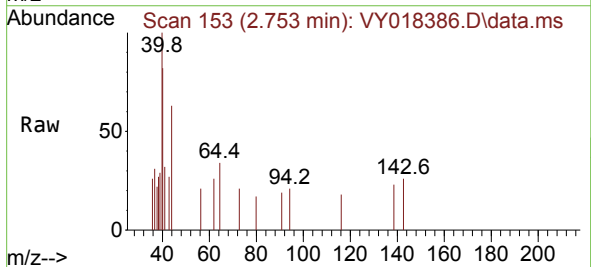
Instrument :
MSVOA_Y
ClientSampleId :

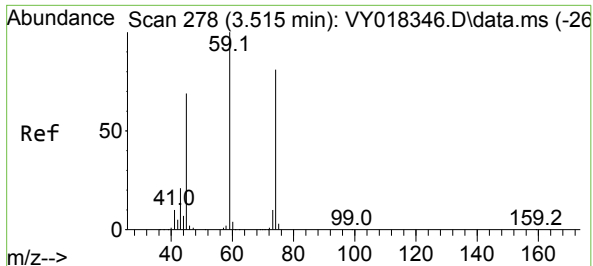
Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 72.8 74.1 111.1#



#6
Chloroethane
Concen: 5.689 ug/l
RT: 2.753 min Scan# 153
Delta R.T. -0.030 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

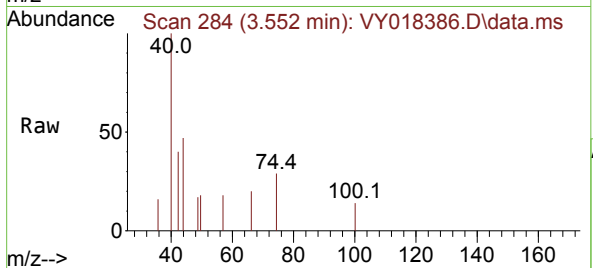
Tgt Ion: 64 Resp: 115
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



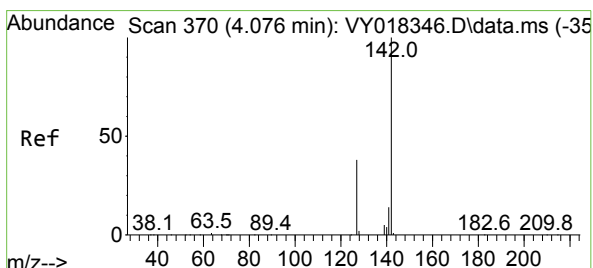
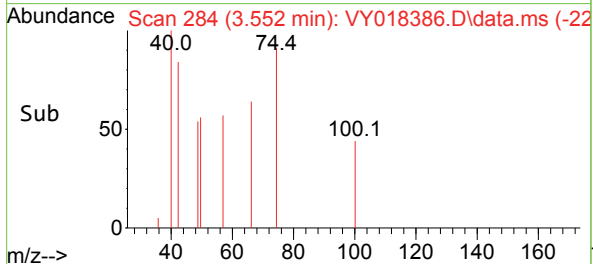
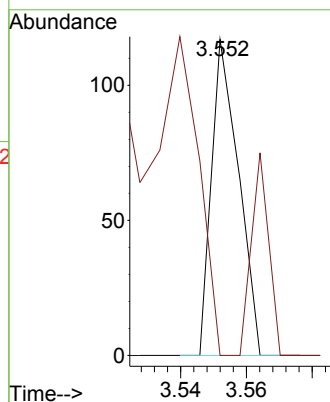


#8
Diethyl Ether
Concen: 6.004 ug/l
RT: 3.552 min Scan# 21
Delta R.T. 0.037 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

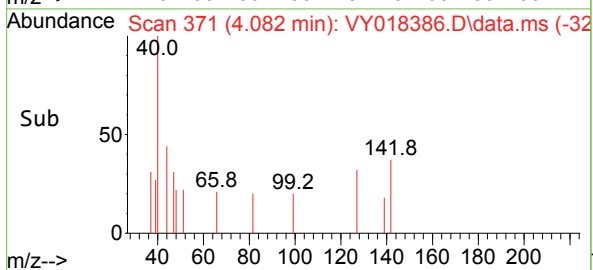
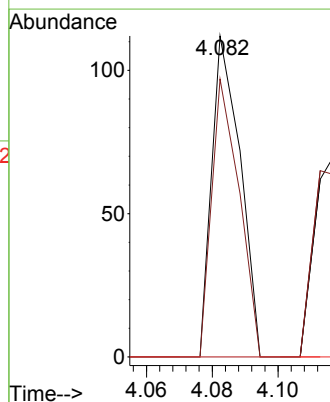
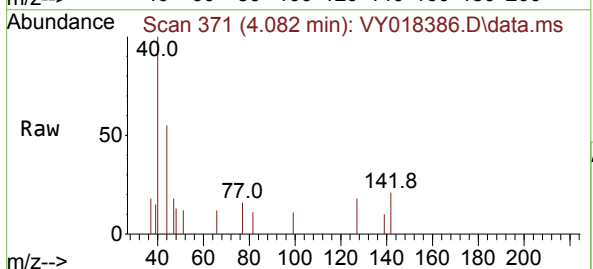


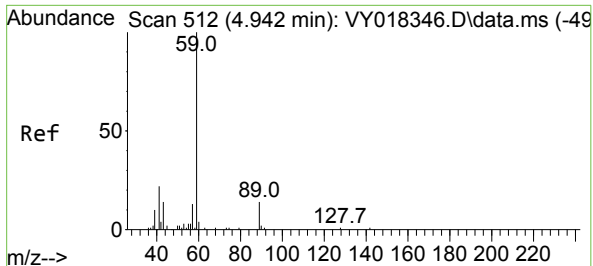
Tgt Ion: 74 Resp: 67
Ion Ratio Lower Upper
74 100
45 40.3 41.3 124.1#



#10
Methyl Iodide
Concen: 3.090 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 142 Resp: 67
Ion Ratio Lower Upper
142 100
127 83.6 32.8 49.2#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.966 min Scan# 51

Delta R.T. 0.024 min

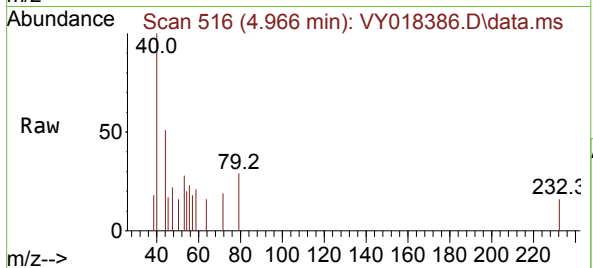
Lab File: VY018386.D

Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

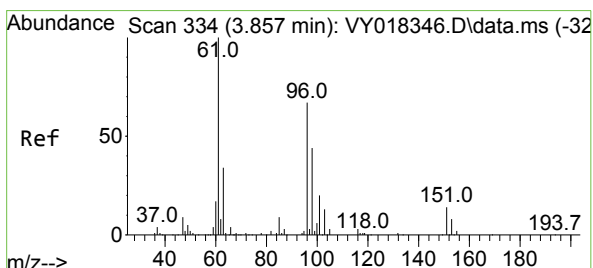
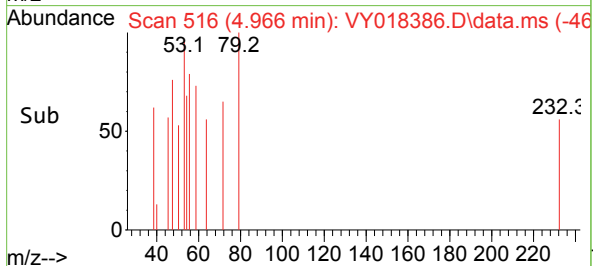
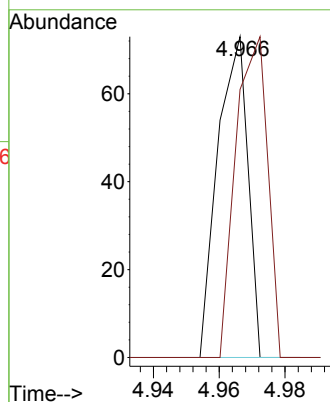


Tgt Ion: 59 Resp: 46

Ion Ratio Lower Upper

59 100

57 106.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 3.155 ug/l

RT: 3.637 min Scan# 298

Delta R.T. -0.220 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

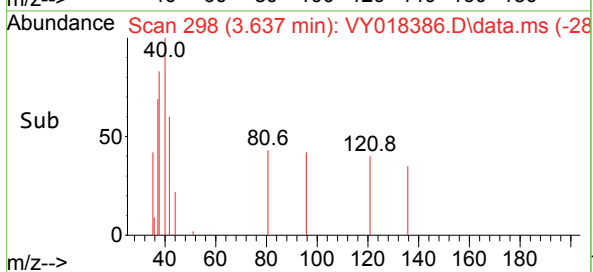
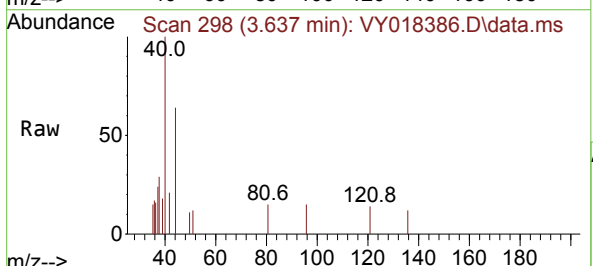
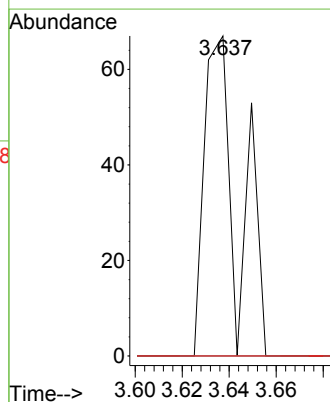
Tgt Ion: 96 Resp: 67

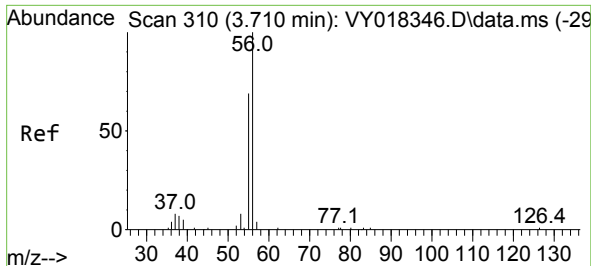
Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

98 0.0 50.8 76.2#





#13

Acrolein

Concen: Below Cal

RT: 3.686 min Scan# 306

Delta R.T. -0.024 min

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Instrument :

MSVOA_Y

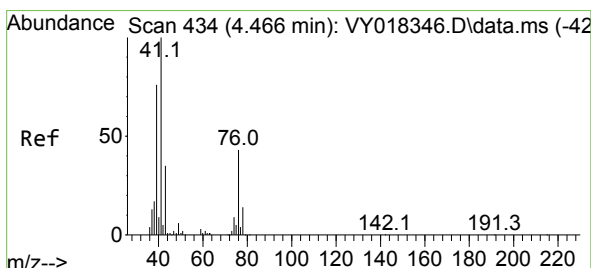
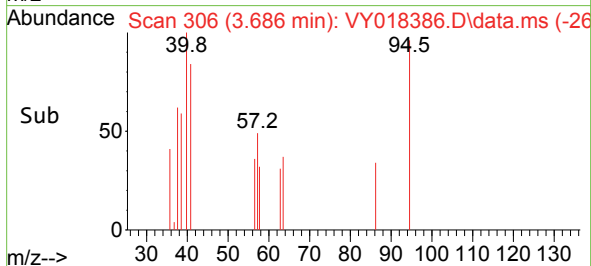
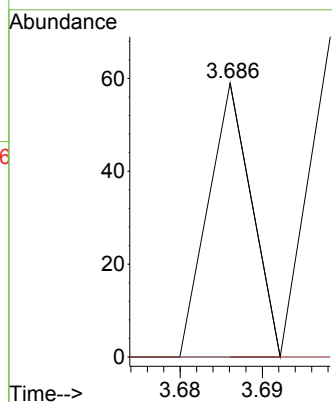
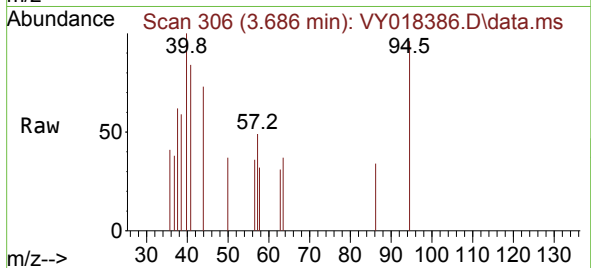
ClientSampleId :

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#14

Allyl chloride

Concen: 6.170 ug/l

RT: 4.436 min Scan# 429

Delta R.T. -0.030 min

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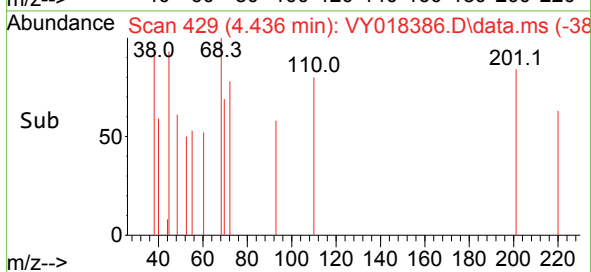
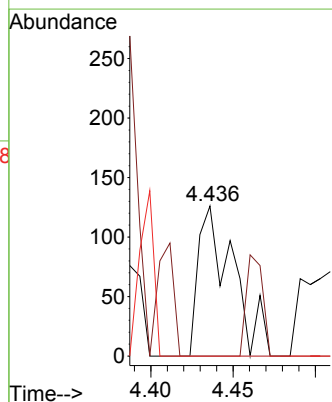
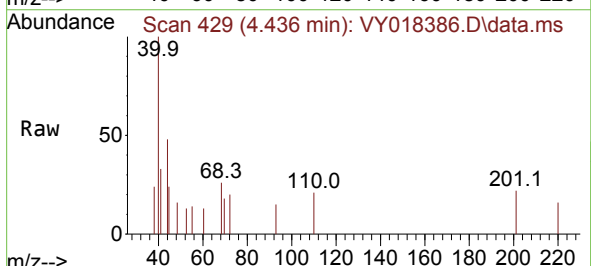
Tgt Ion: 41 Resp: 183

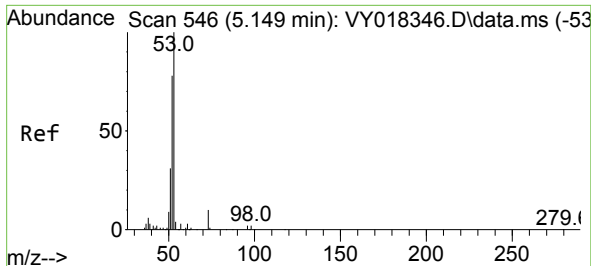
Ion Ratio Lower Upper

41 100

39 0.0 58.3 87.5#

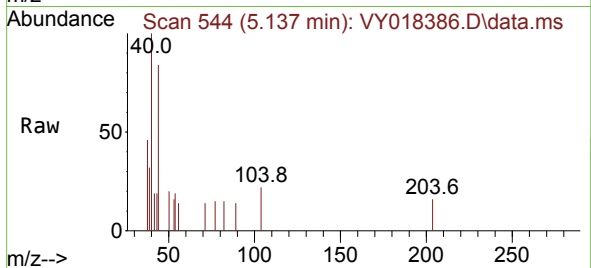
76 0.0 39.0 58.6#



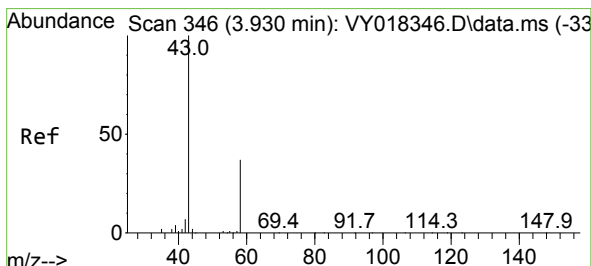
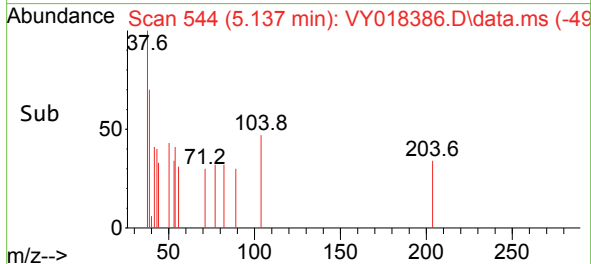
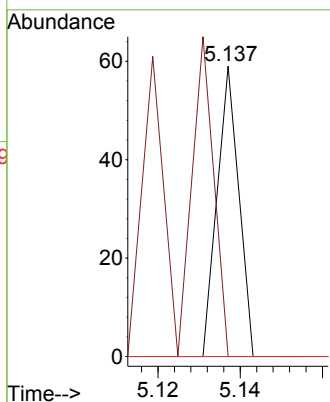


#15
Acrylonitrile
Concen: 4.558 ug/l
RT: 5.137 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

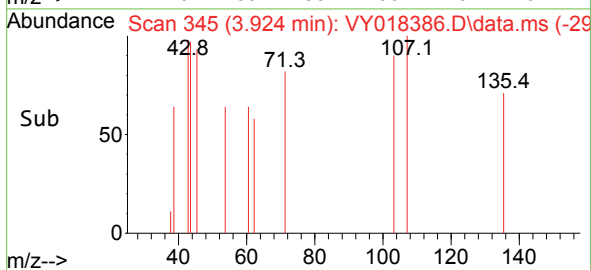
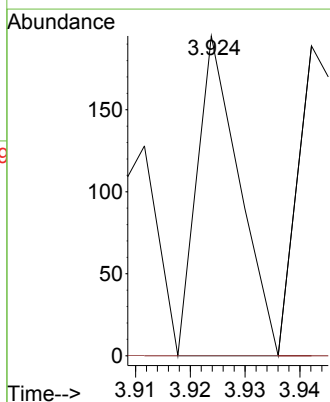
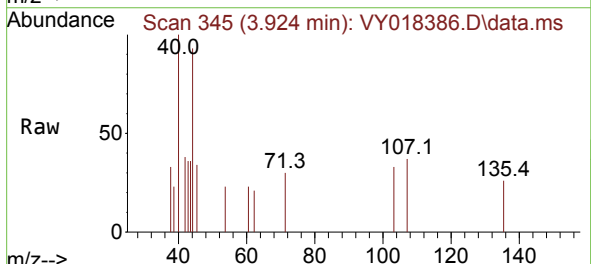


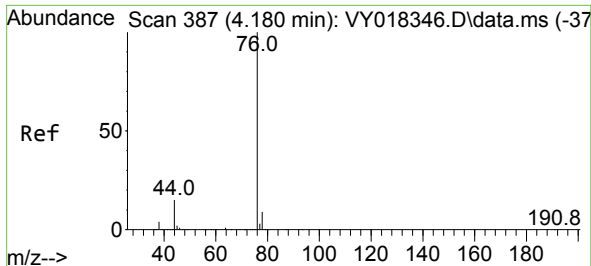
Tgt Ion: 53 Resp: 22
Ion Ratio Lower Upper
53 100
52 209.1 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 26.593 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.006 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

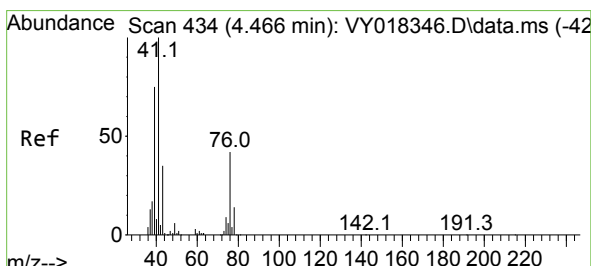
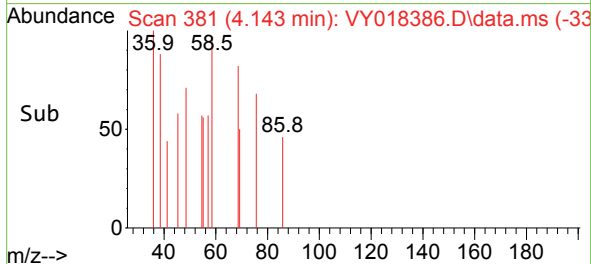
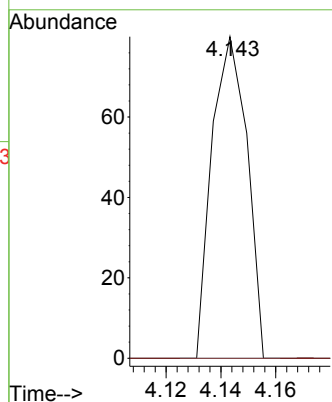
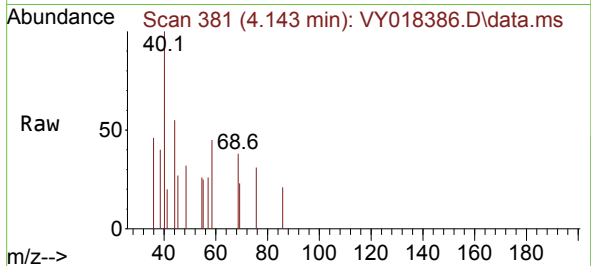




#17
Carbon Disulfide
Concen: 1.197 ug/l
RT: 4.143 min Scan# 31
Delta R.T. -0.037 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

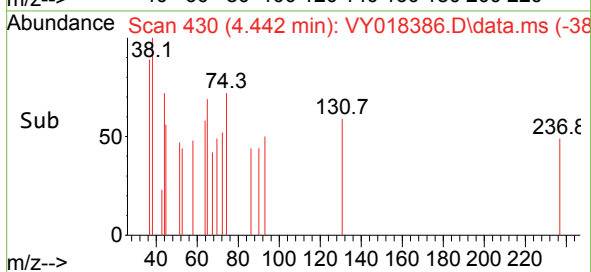
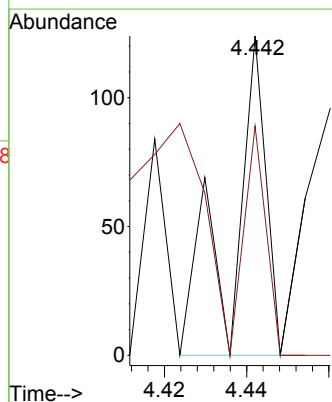
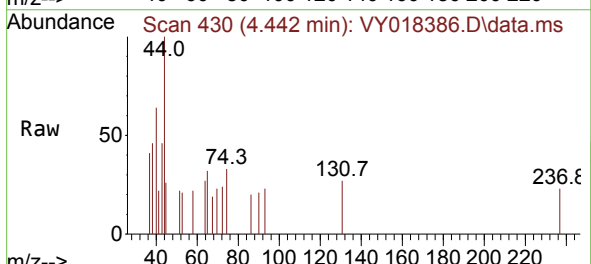
Instrument :
MSVOA_Y
ClientSampleId :

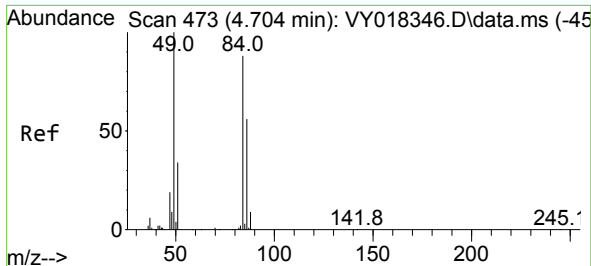
Tgt Ion: 76 Resp: 71
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#18
Methyl Acetate
Concen: 6.849 ug/l
RT: 4.442 min Scan# 430
Delta R.T. -0.024 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

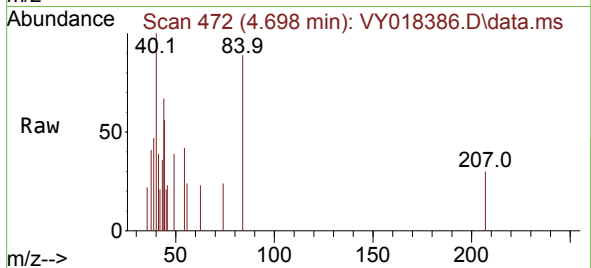
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



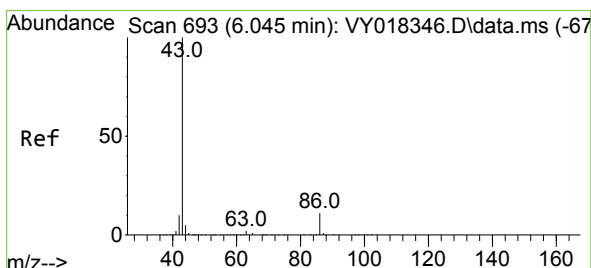
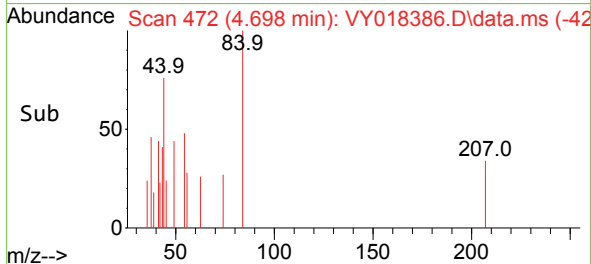
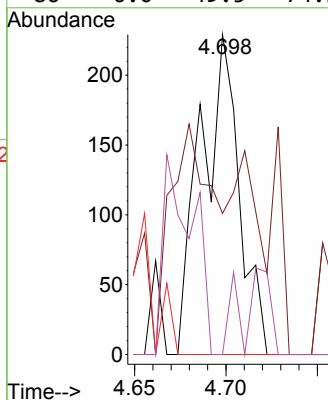


#20
Methylene Chloride
Concen: 11.112 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

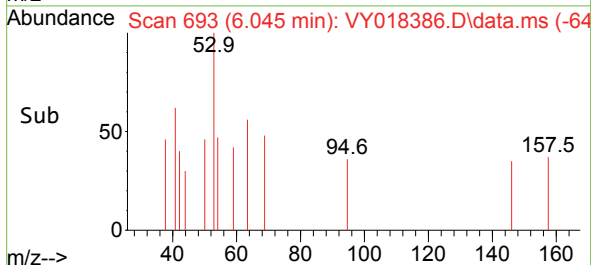
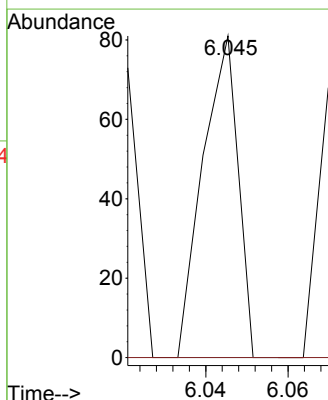
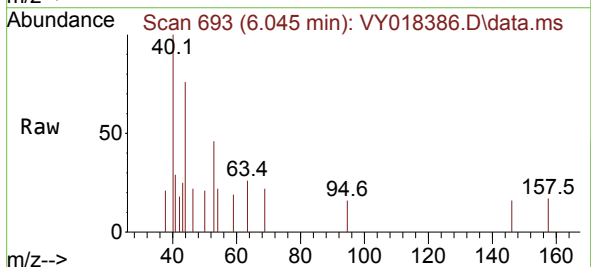


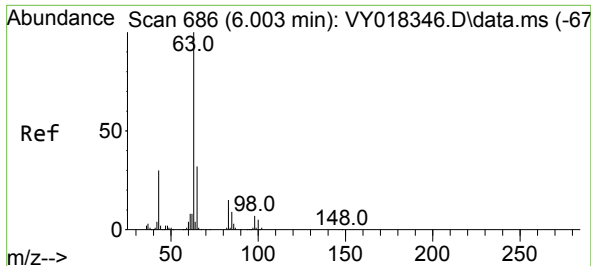
Tgt Ion: 84 Resp: 335
Ion Ratio Lower Upper
84 100
49 0.0 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#



#23
Vinyl Acetate
Concen: 1.216 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.000 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

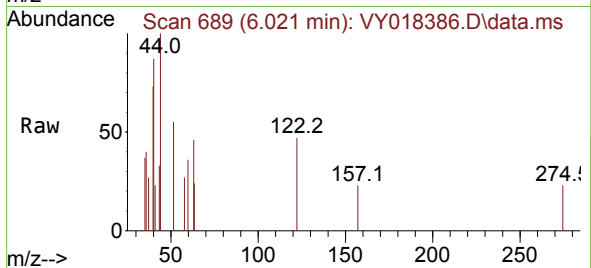
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#



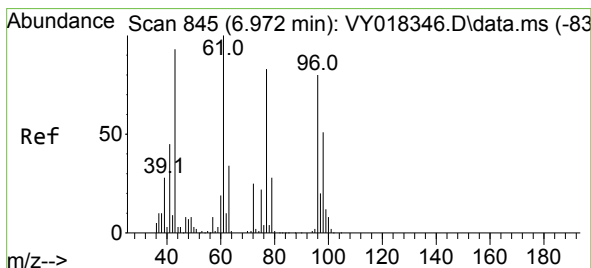
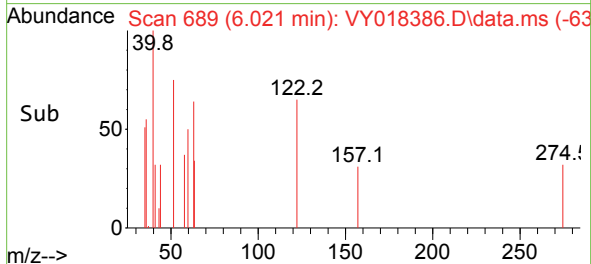
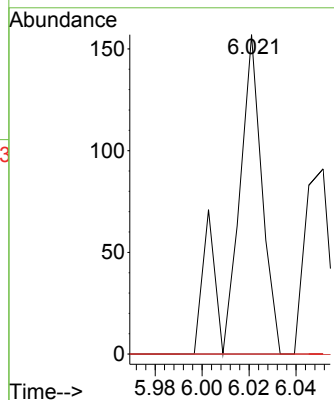


#24
1,1-Dichloroethane
Concen: 3.360 ug/l
RT: 6.021 min Scan# 61
Delta R.T. 0.018 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

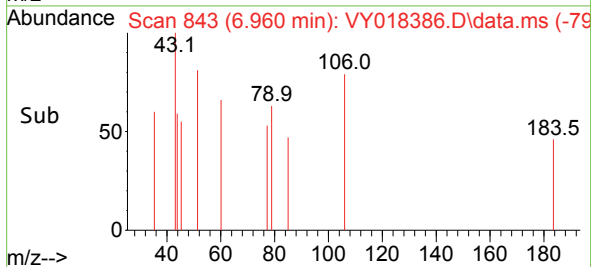
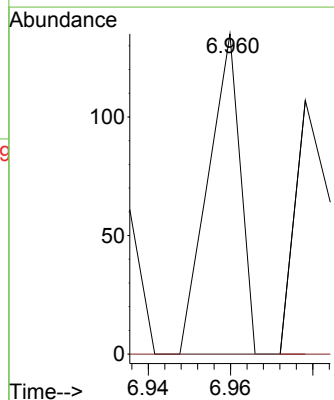
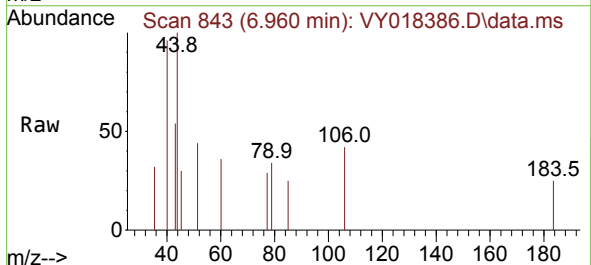


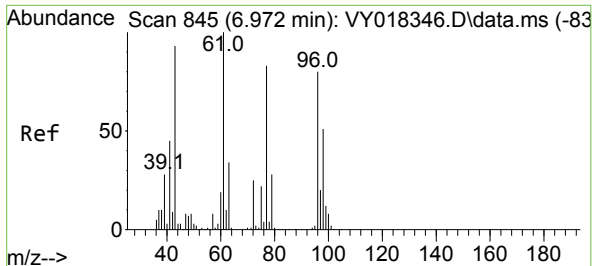
Tgt Ion: 63 Resp: 127
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 11.940 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.012 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#26

2,2-Dichloropropane

Concen: 1.561 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

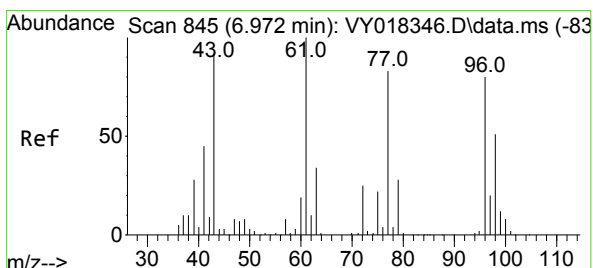
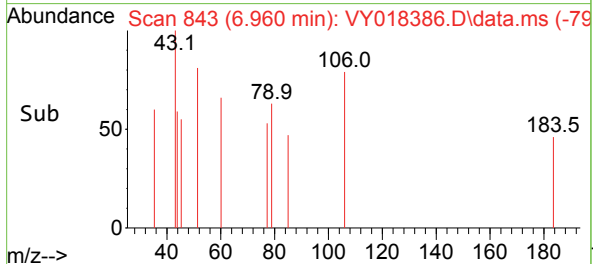
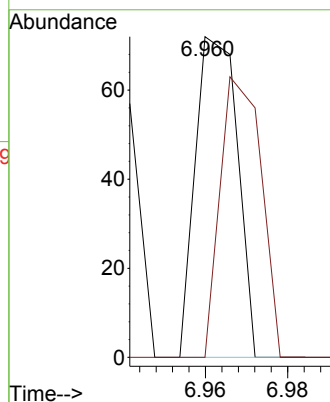
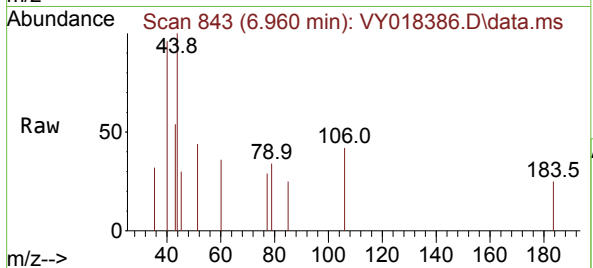
ClientSampleId :

Tgt Ion: 77 Resp: 51

Ion Ratio Lower Upper

77 100

97 86.3 12.0 36.1#



#27

cis-1,2-Dichloroethene

Concen: 1.026 ug/l

RT: 6.948 min Scan# 841

Delta R.T. -0.024 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

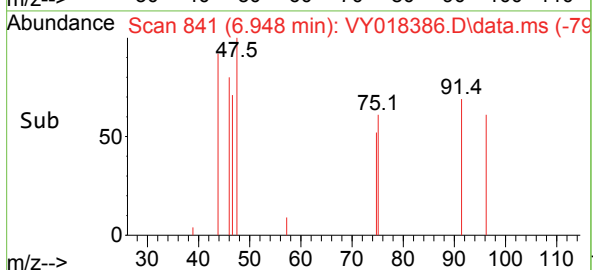
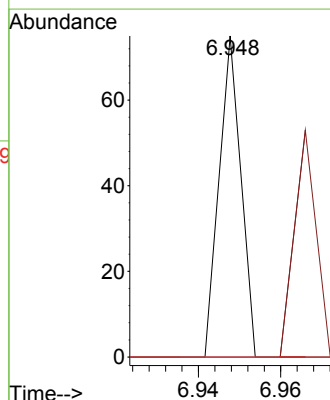
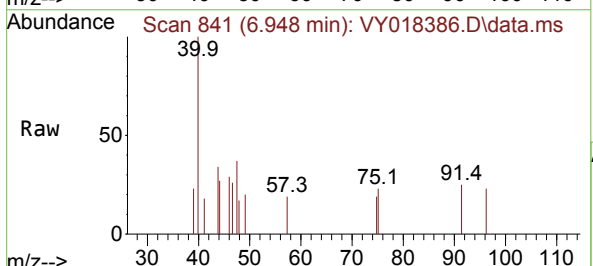
Tgt Ion: 96 Resp: 27

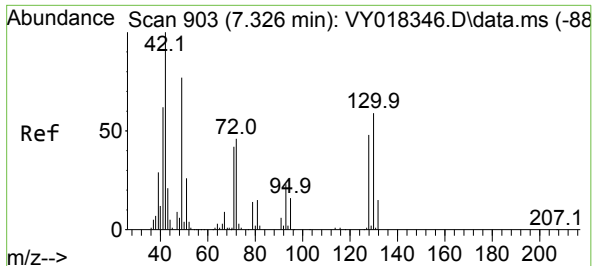
Ion Ratio Lower Upper

96 100

61 70.4 0.0 256.2

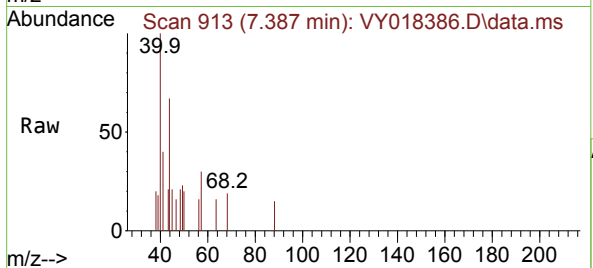
98 0.0 0.0 130.0



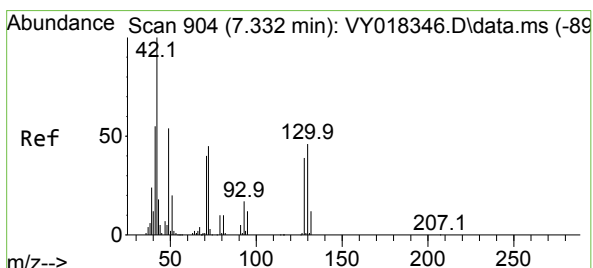
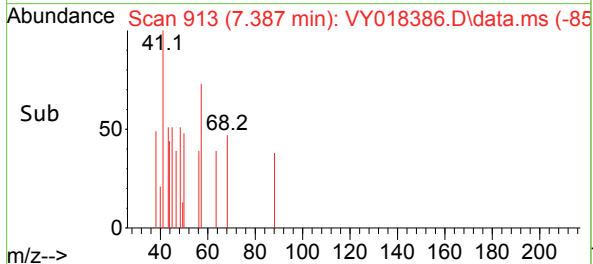
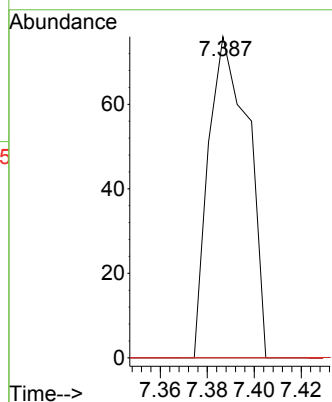


#28
Bromochloromethane
Concen: 6.933 ug/l
RT: 7.387 min Scan# 91
Delta R.T. 0.061 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

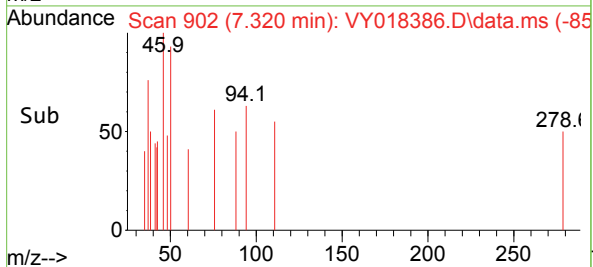
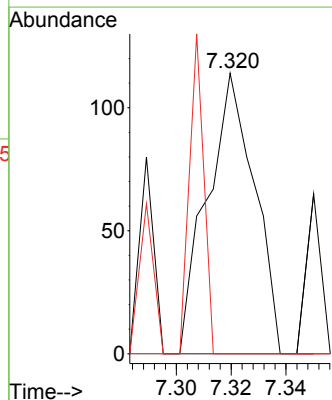
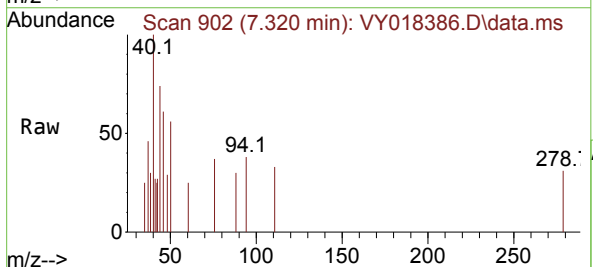


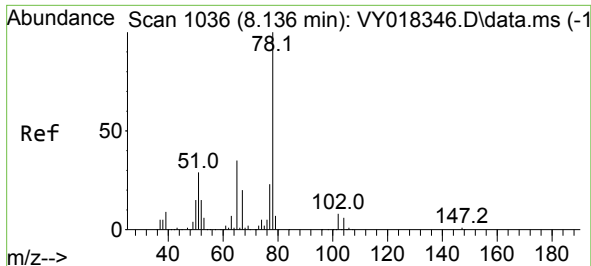
Tgt Ion: 49 Resp: 89
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#



#29
Tetrahydrofuran
Concen: 33.340 ug/l
RT: 7.320 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 42 Resp: 136
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 35.3 40.8 61.2#

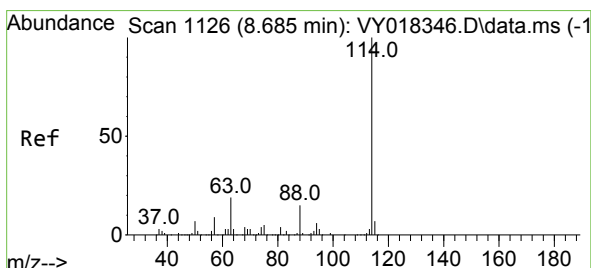
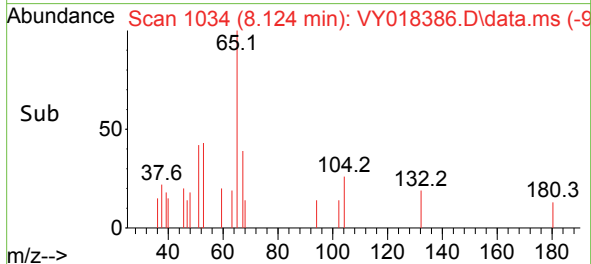
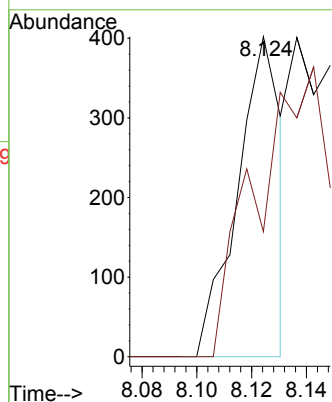
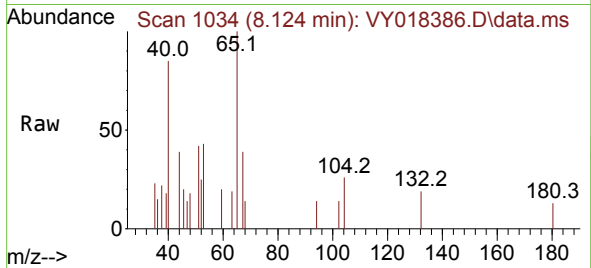




#33
 1,2-Dichloroethane-d4
 Concen: 23.613 ug/l
 RT: 8.124 min Scan# 1034
 Delta R.T. -0.012 min
 Lab File: VY018386.D
 Acq: 28 May 2024 17:38

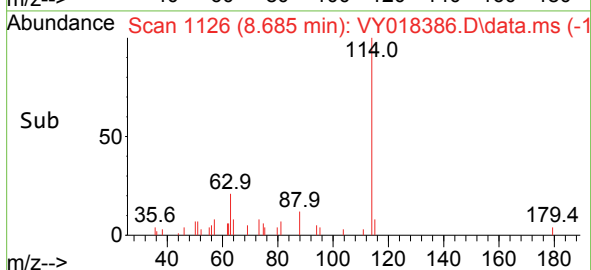
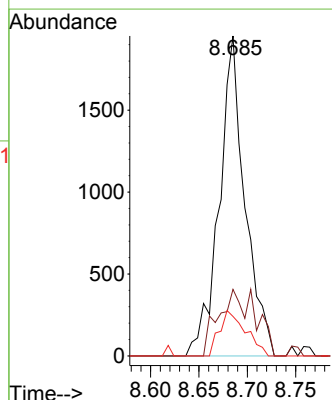
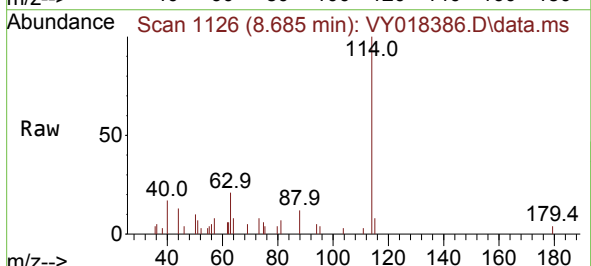
Instrument :
 MSVOA_Y
 ClientSampleId :

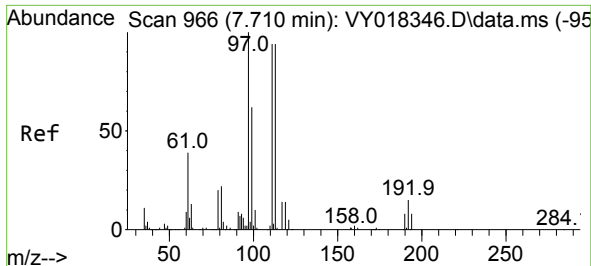
Tgt Ion: 65 Resp: 449
 Ion Ratio Lower Upper
 65 100
 67 156.1 0.0 109.6#



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018386.D
 Acq: 28 May 2024 17:38

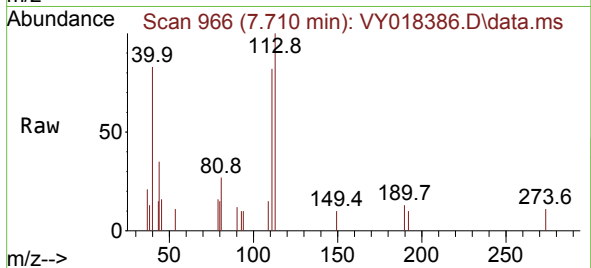
Tgt Ion: 114 Resp: 3608
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 35.0
 88 12.3 0.0 27.2



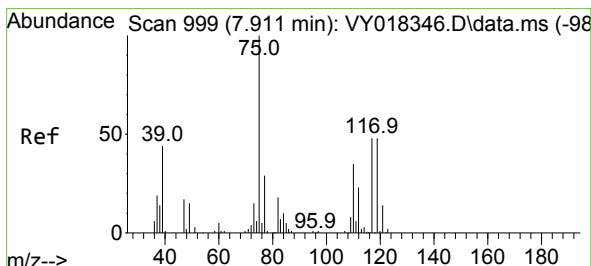
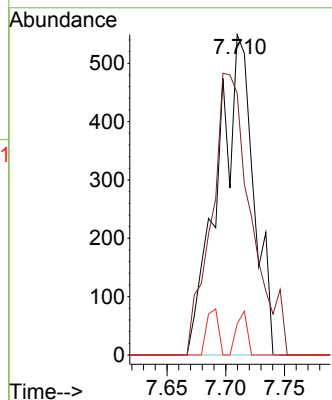
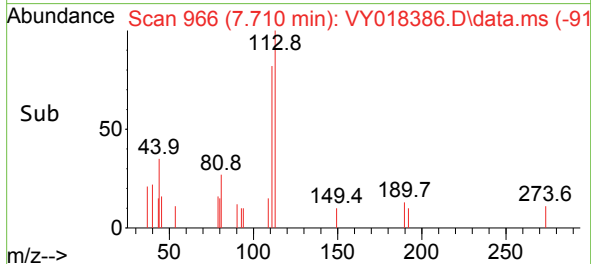


#35
Dibromofluoromethane
Concen: 55.323 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

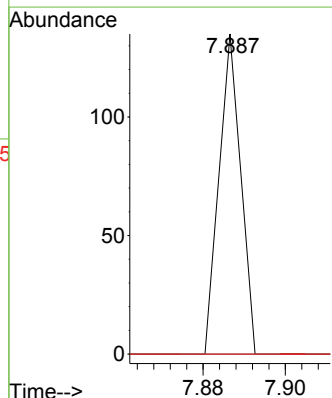
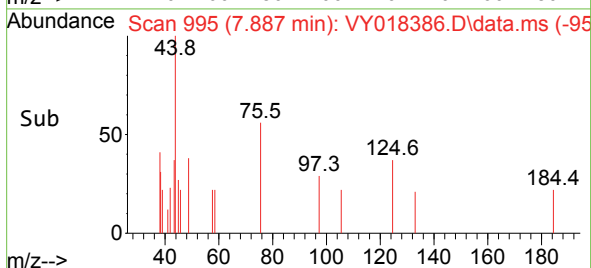
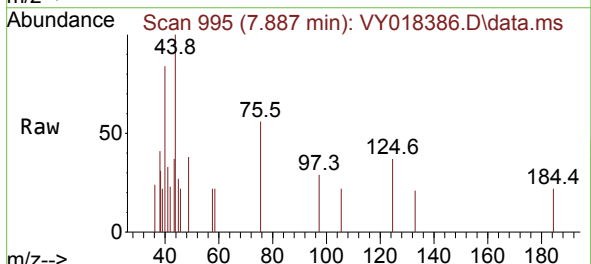


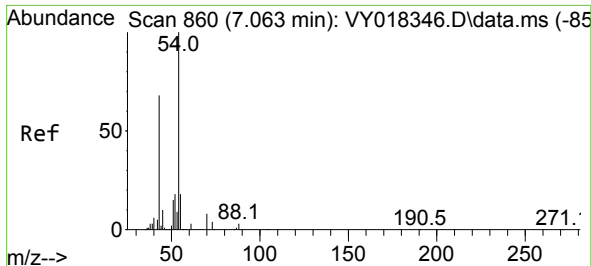
Tgt Ion:113 Resp: 1164
Ion Ratio Lower Upper
113 100
111 0.0 82.2 123.4#
192 4.0 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 1.606 ug/l
RT: 7.887 min Scan# 995
Delta R.T. -0.024 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 7.810 ug/l

RT: 7.033 min Scan# 81

Delta R.T. -0.030 min

Lab File: VY018386.D

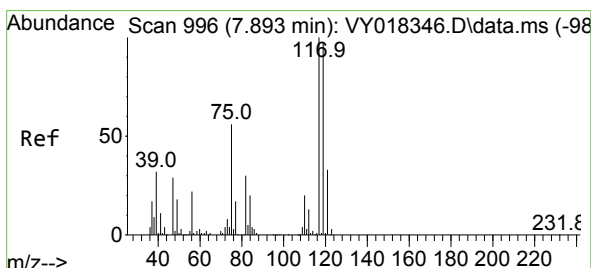
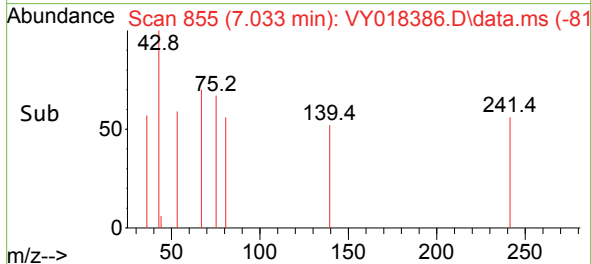
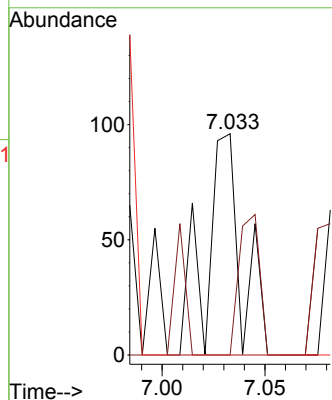
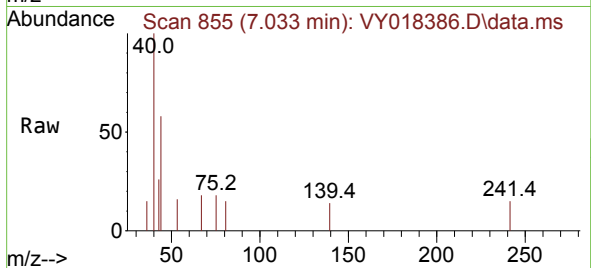
Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	114
Ion	Ratio	Lower	Upper
43	100		
61	37.7	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 7.232 ug/l

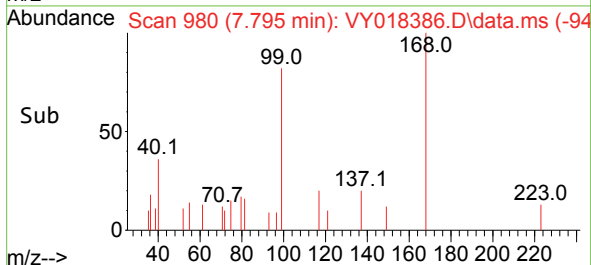
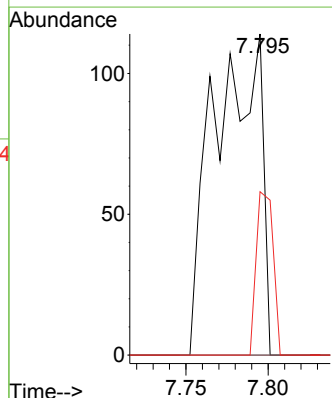
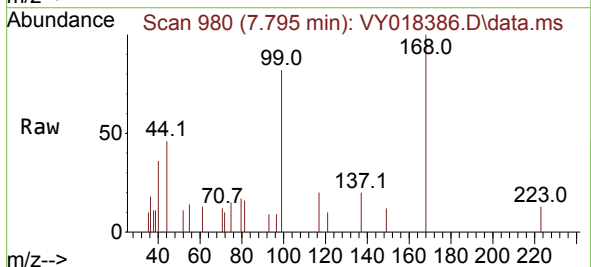
RT: 7.795 min Scan# 980

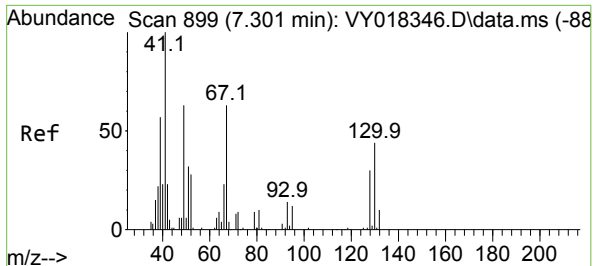
Delta R.T. -0.097 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

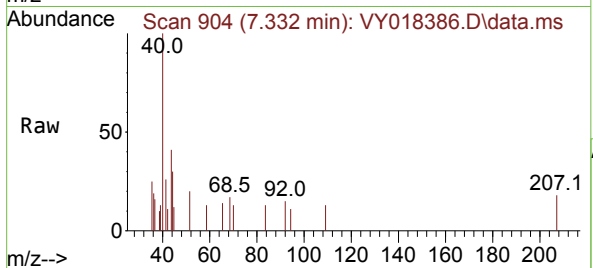
Tgt Ion:	117	Resp:	226
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	50.9	24.0	36.0#



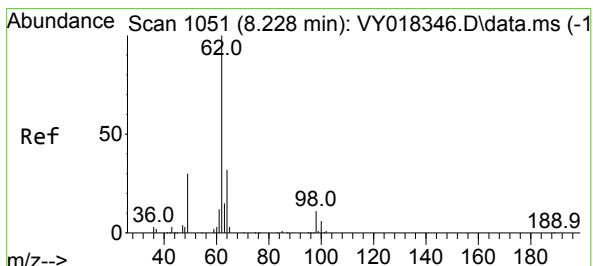
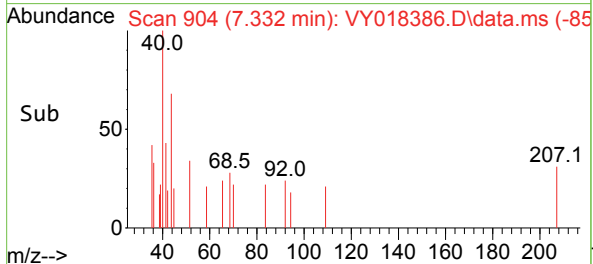
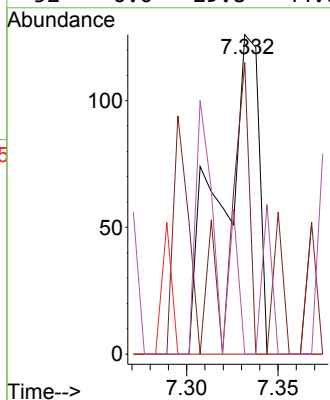


#41
Methacrylonitrile
Concen: 24.842 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.031 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

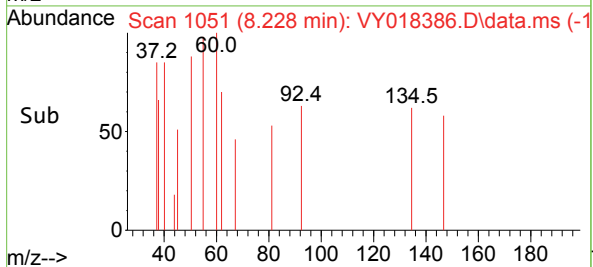
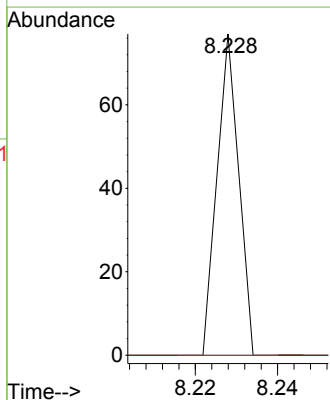
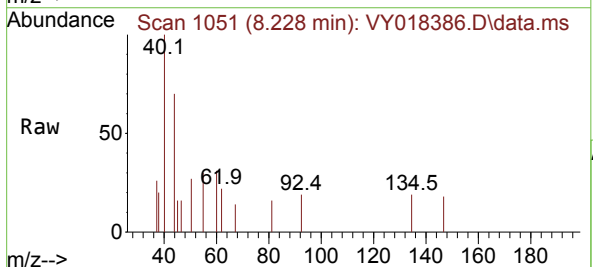


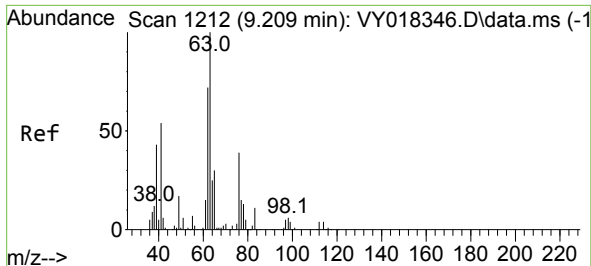
Tgt Ion:	41	Resp:	181
Ion	Ratio	Lower	Upper
41	100		
39	47.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 1.251 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion:	62	Resp:	28
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.0





#45

1,2-Dichloropropane

Concen: 1.577 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

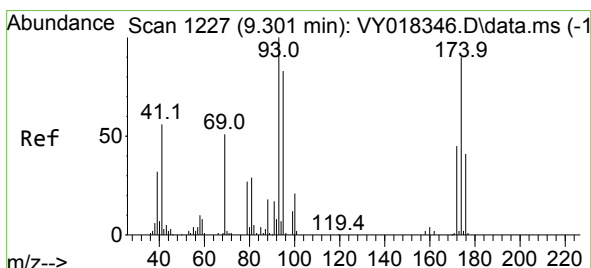
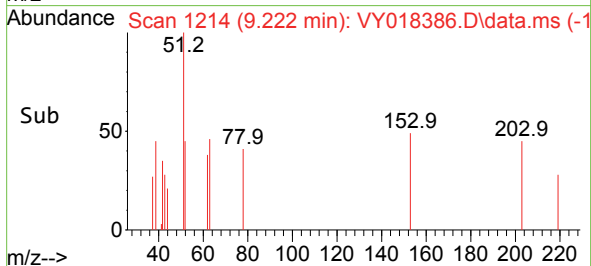
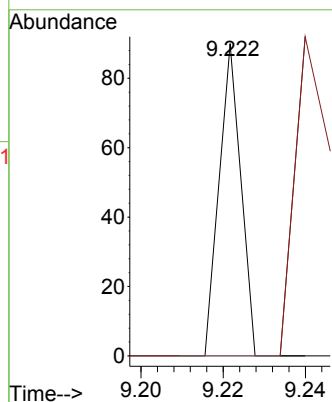
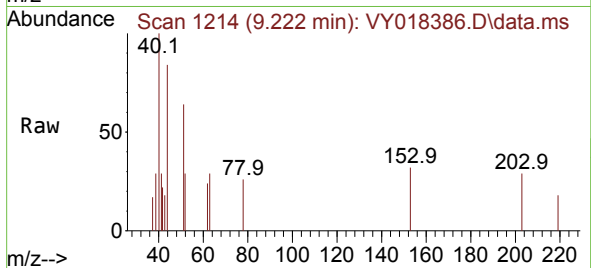
ClientSampleId :

Tgt Ion: 63 Resp: 33

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 2.118 ug/l

RT: 9.277 min Scan# 1223

Delta R.T. -0.024 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

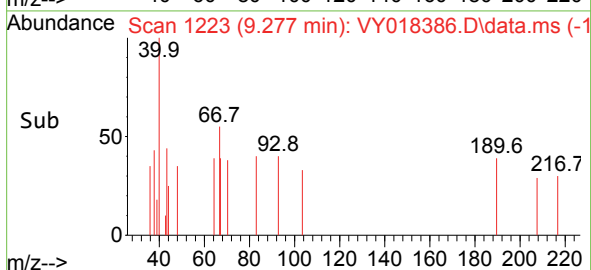
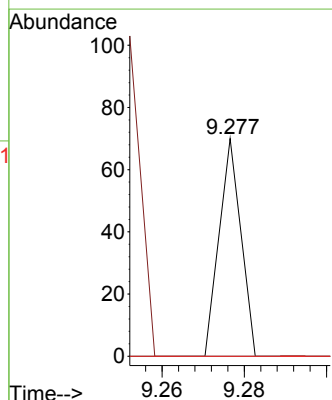
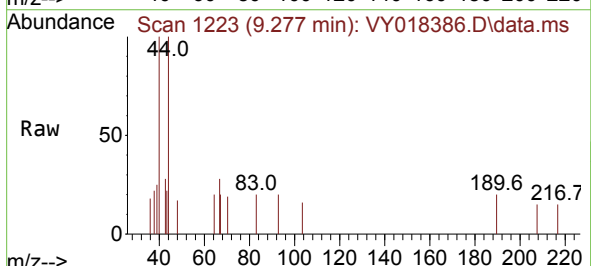
Tgt Ion: 93 Resp: 26

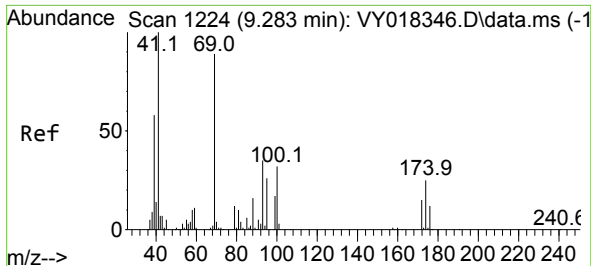
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

174 0.0 80.9 121.3#

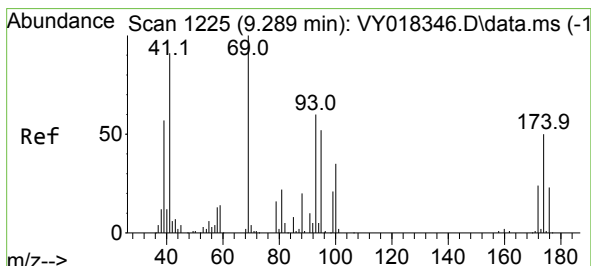
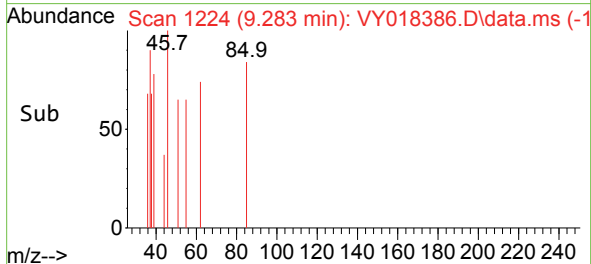
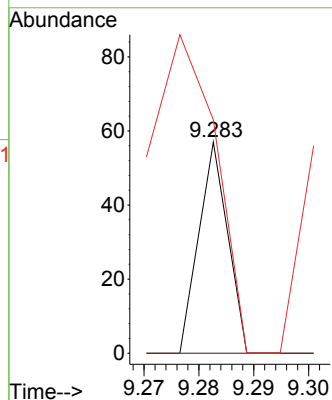
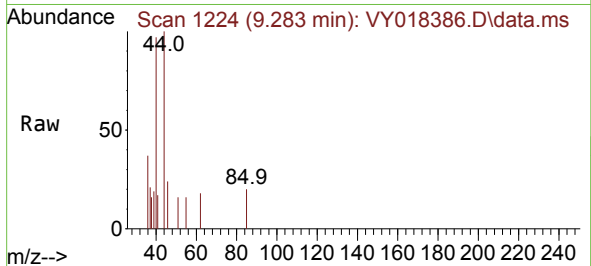




#48
Methyl methacrylate
Concen: 1.630 ug/l
RT: 9.283 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

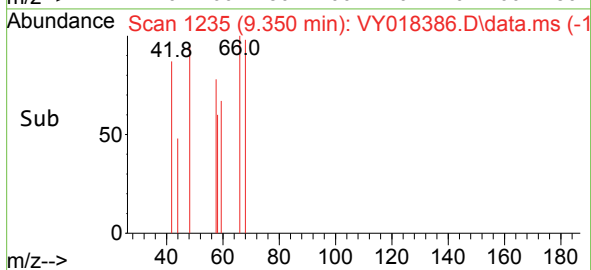
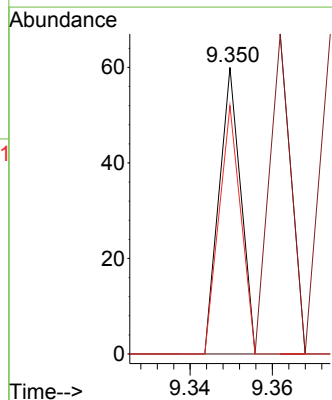
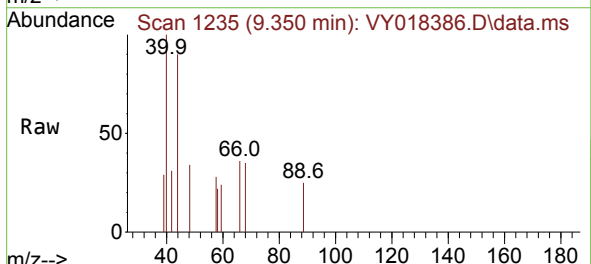
Instrument :
MSVOA_Y
ClientSampleId :

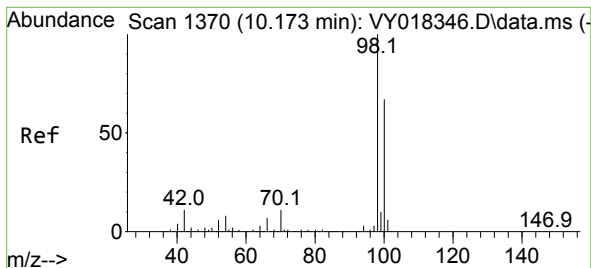
Tgt Ion: 41 Resp: 21
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 352.4 43.6 65.4#



#49
1,4-Dioxane
Concen: 138.128 ug/l
RT: 9.350 min Scan# 1235
Delta R.T. 0.061 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 222.7 0.0 0.0#
58 86.4 49.3 73.9#





#50

Toluene-d8

Concen: 45.129 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

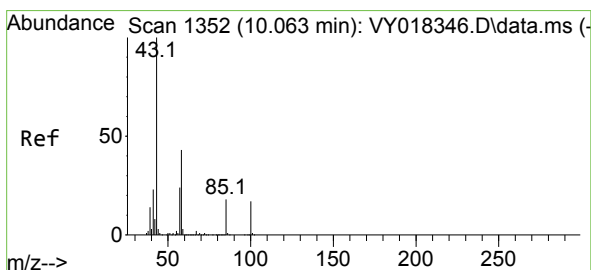
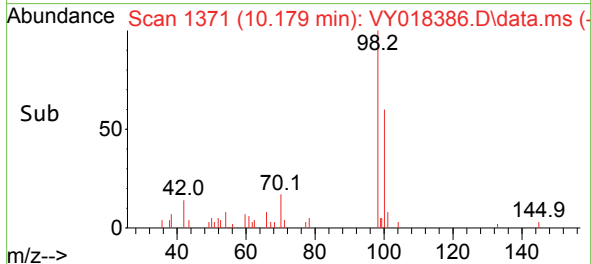
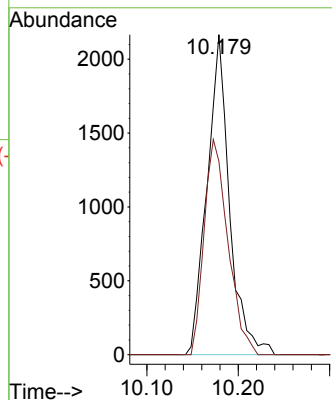
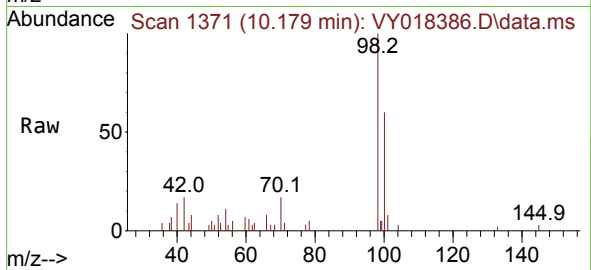
ClientSampleId :

Tgt Ion: 98 Resp: 3702

Ion Ratio Lower Upper

98 100

100 71.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 7.931 ug/l

RT: 9.959 min Scan# 1335

Delta R.T. -0.104 min

Lab File: VY018386.D

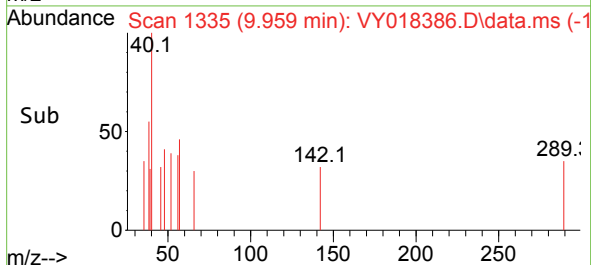
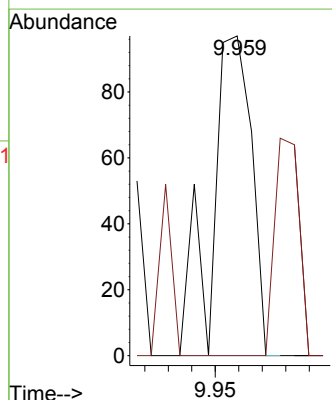
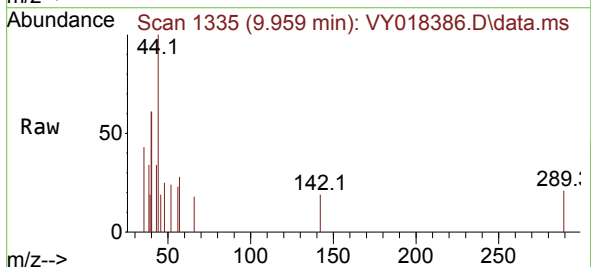
Acq: 28 May 2024 17:38

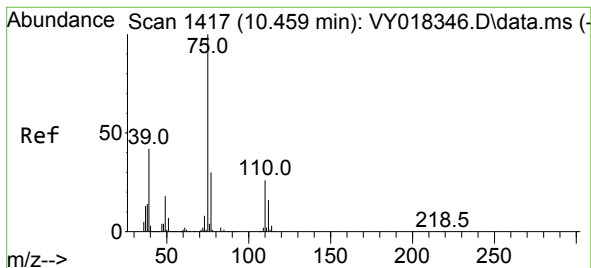
Tgt Ion: 43 Resp: 114

Ion Ratio Lower Upper

43 100

58 42.1 35.7 53.5

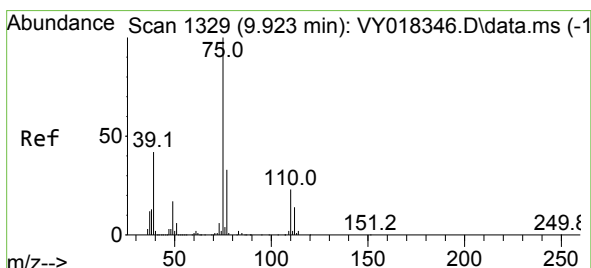
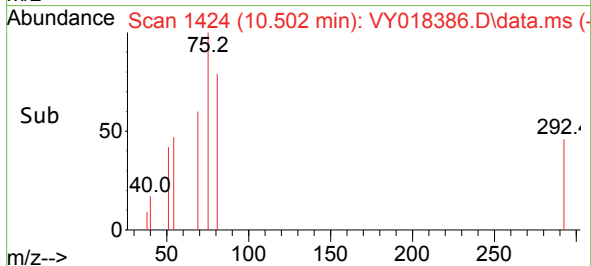
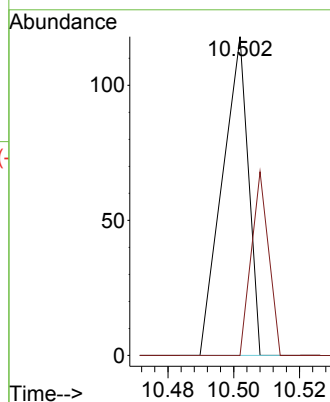
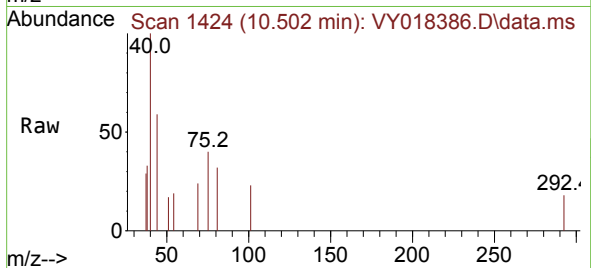




#53
 t-1,3-Dichloropropene
 Concen: 2.386 ug/l
 RT: 10.502 min Scan# 1417
 Delta R.T. 0.043 min
 Lab File: VY018386.D
 Acq: 28 May 2024 17:38

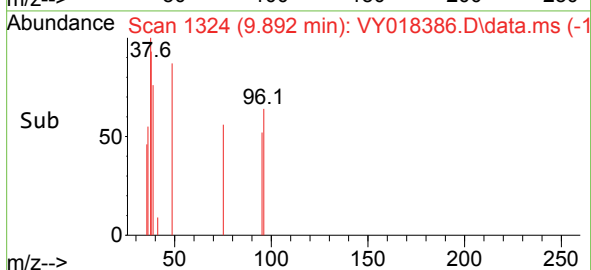
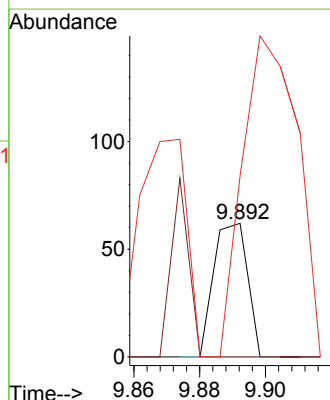
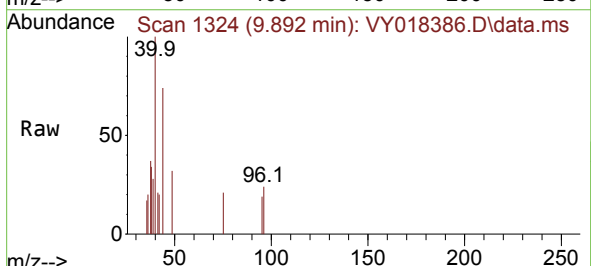
Instrument :
 MSVOA_Y
 ClientSampleId :

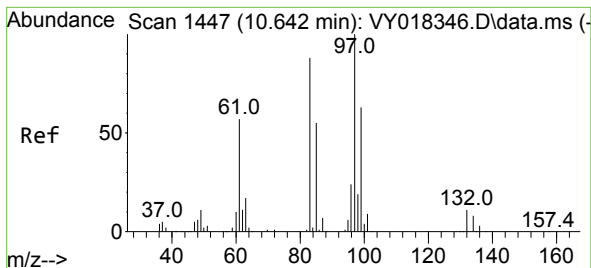
Tgt Ion: 75 Resp: 65
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 1.318 ug/l
 RT: 9.892 min Scan# 1324
 Delta R.T. -0.030 min
 Lab File: VY018386.D
 Acq: 28 May 2024 17:38

Tgt Ion: 75 Resp: 44
 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: 1.230 ug/l

RT: 10.587 min Scan# 1438

Delta R.T. -0.055 min

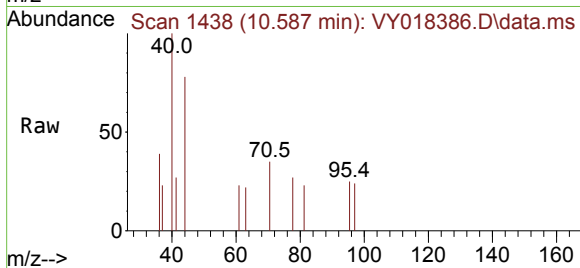
Lab File: VY018386.D

Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 20

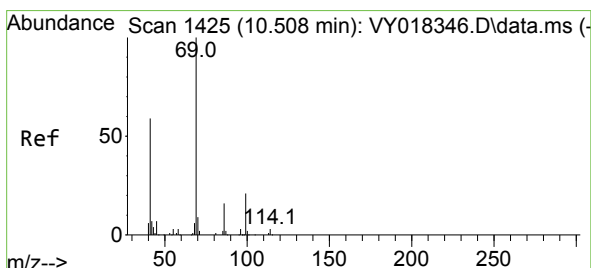
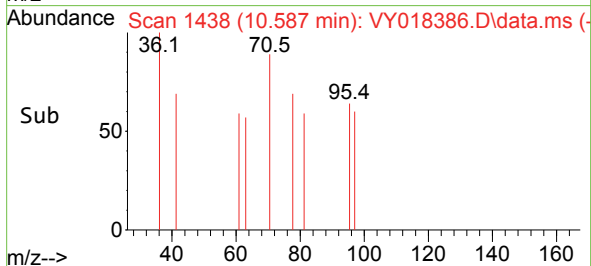
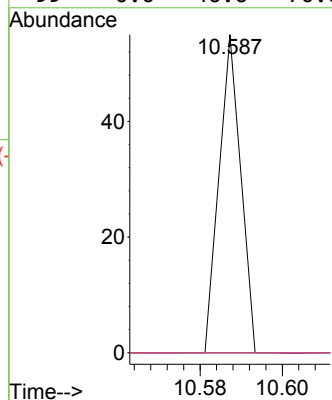
Ion Ratio Lower Upper

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: 1.166 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

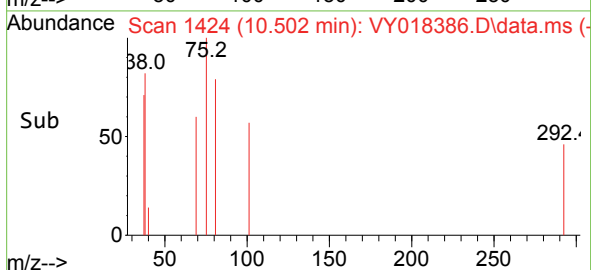
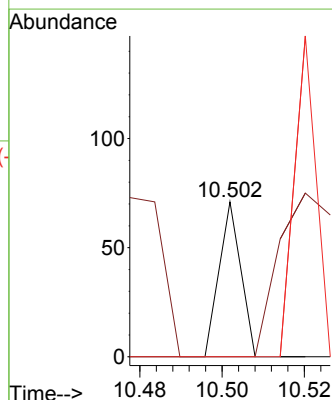
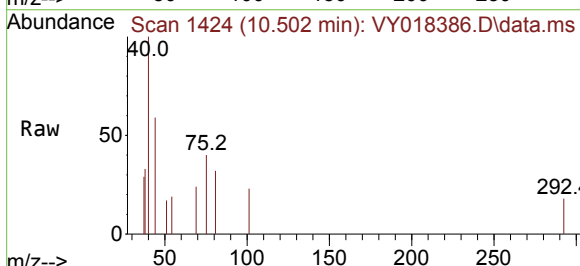
Tgt Ion: 69 Resp: 26

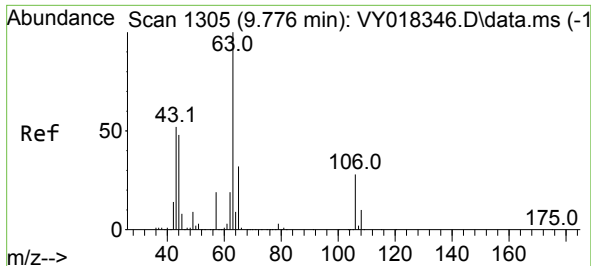
Ion Ratio Lower Upper

69 100

41 0.0 42.3 63.5#

39 0.0 22.9 34.3#

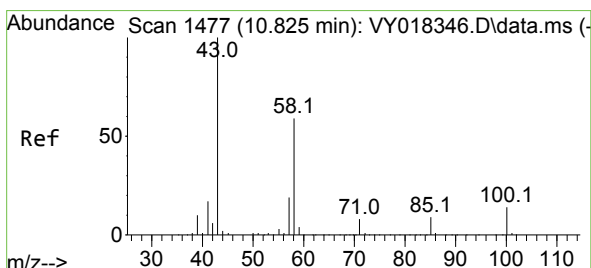
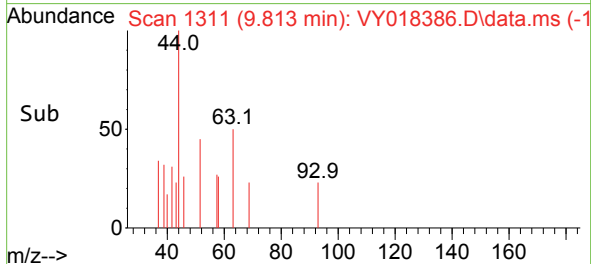
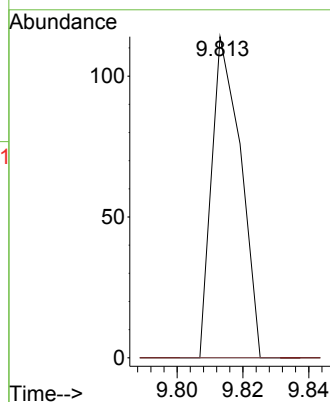
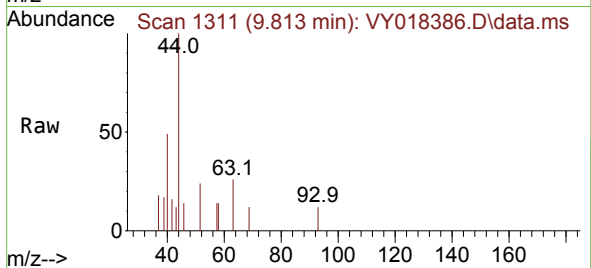




#58
2-Chloroethyl Vinyl ether
Concen: 6.845 ug/l
RT: 9.813 min Scan# 11
Delta R.T. 0.037 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

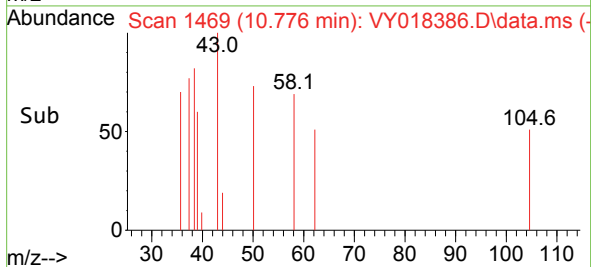
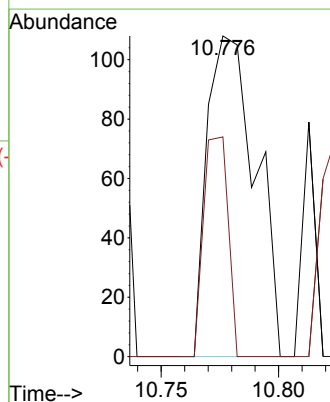
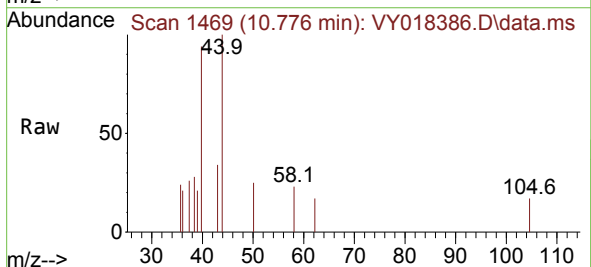
Instrument :
MSVOA_Y
ClientSampleId :

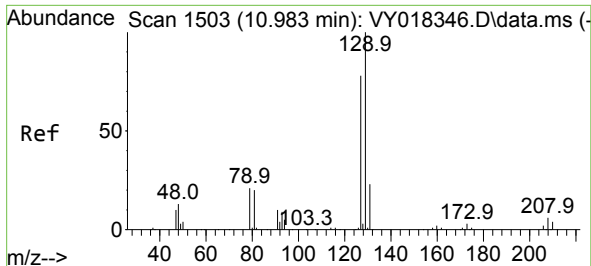
Tgt Ion: 63 Resp: 69
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 15.672 ug/l
RT: 10.776 min Scan# 1469
Delta R.T. -0.049 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

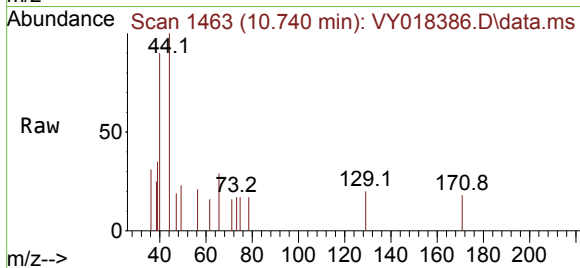
Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
58 34.8 31.4 94.0



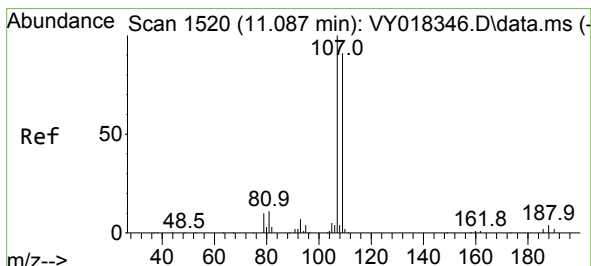
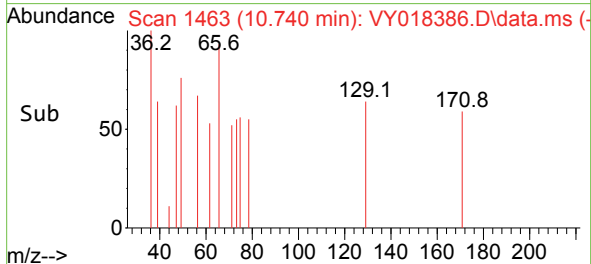
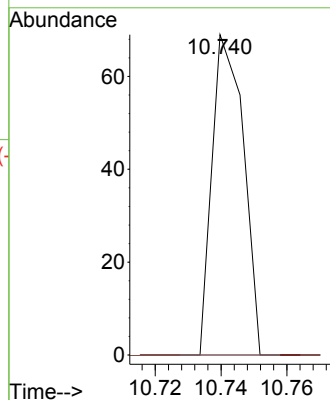


#60
Dibromochloromethane
Concen: 2.342 ug/l
RT: 10.740 min Scan# 14
Delta R.T. -0.244 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

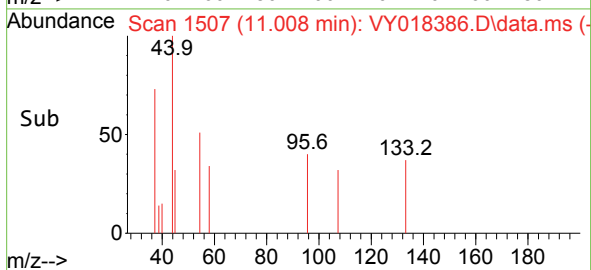
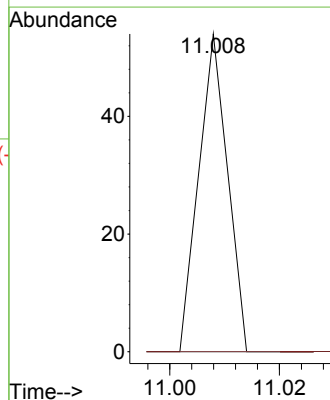
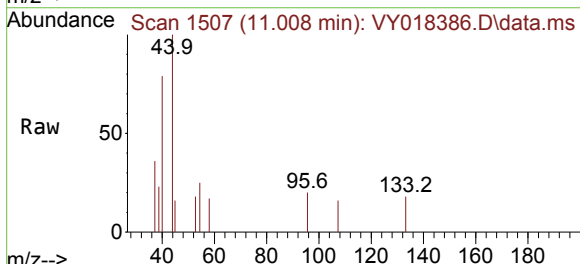


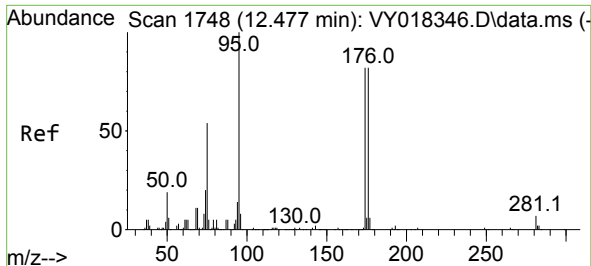
Tgt Ion:129 Resp: 46
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#61
1,2-Dibromoethane
Concen: 1.333 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. -0.079 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

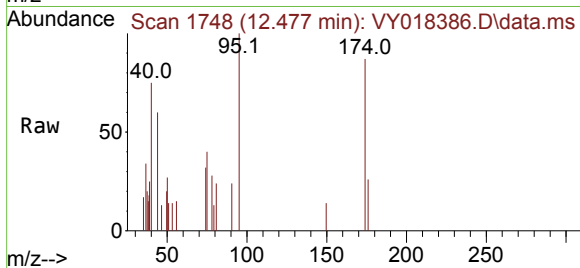
Tgt Ion:107 Resp: 20
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



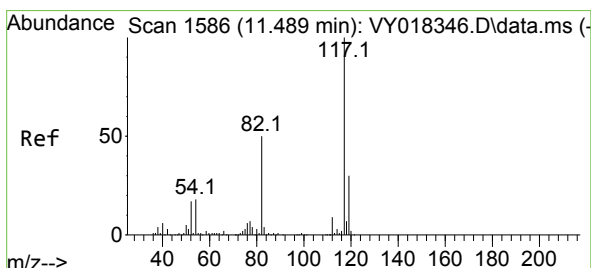
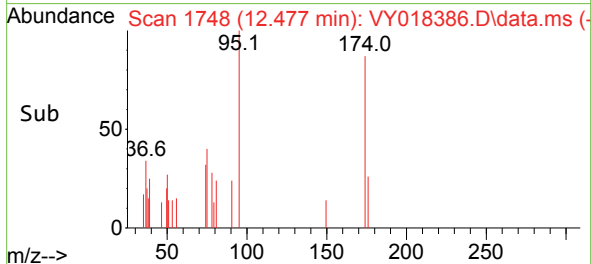
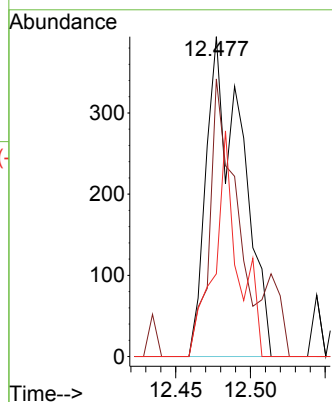


#62
4-Bromofluorobenzene
Concen: 25.723 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

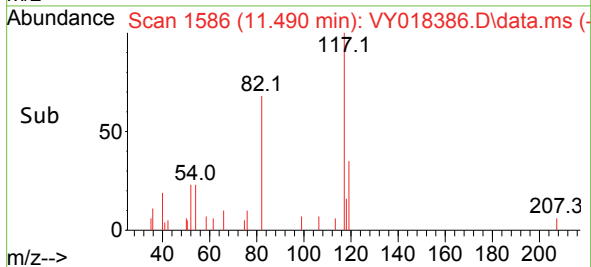
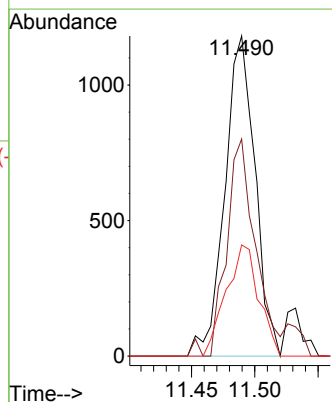
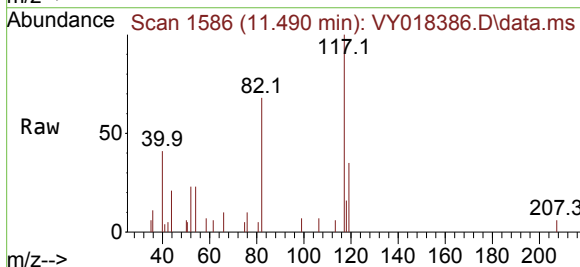


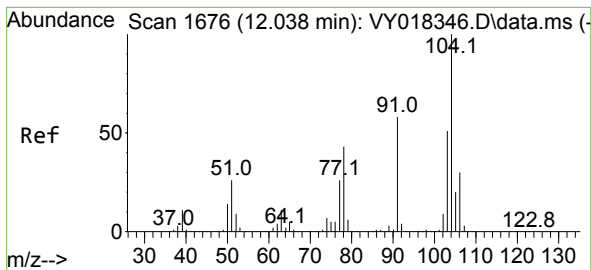
Tgt Ion: 95 Resp: 652
Ion Ratio Lower Upper
95 100
174 67.0 0.0 175.6
176 46.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 117 Resp: 1961
Ion Ratio Lower Upper
117 100
82 67.8 42.4 63.6#
119 34.7 25.9 38.9





#70

Styrene

Concen: 1.077 ug/l

RT: 11.813 min Scan# 1

Delta R.T. -0.225 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

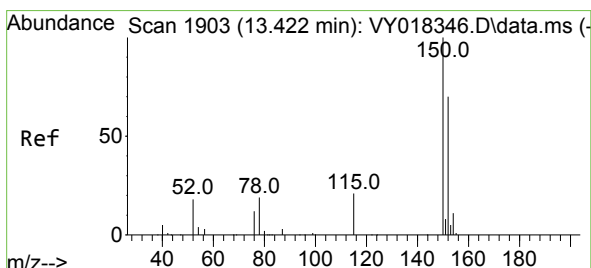
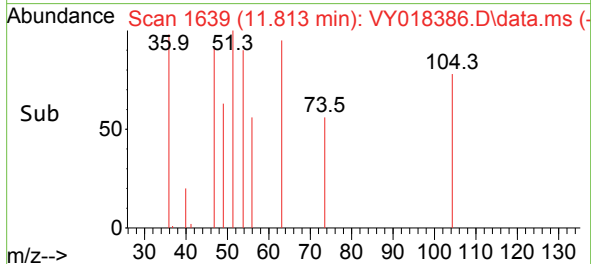
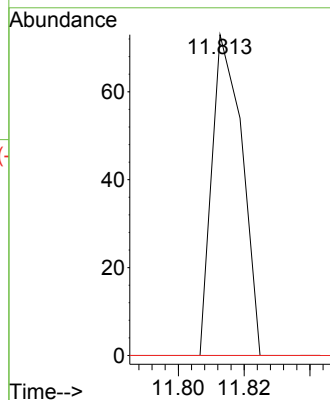
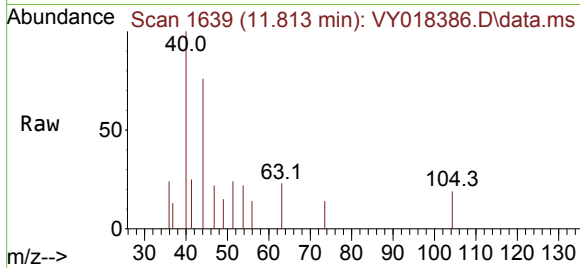
Tgt Ion:104 Resp: 46

Ion Ratio Lower Upper

104 100

78 0.0 37.0 55.4#

103 0.0 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

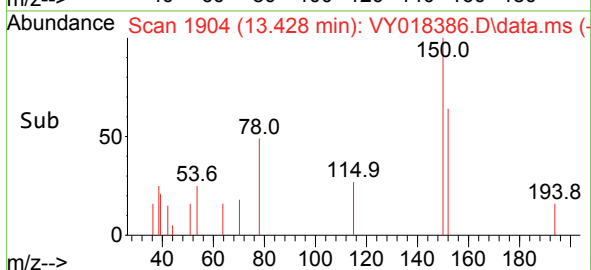
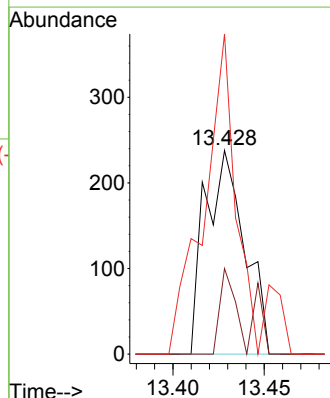
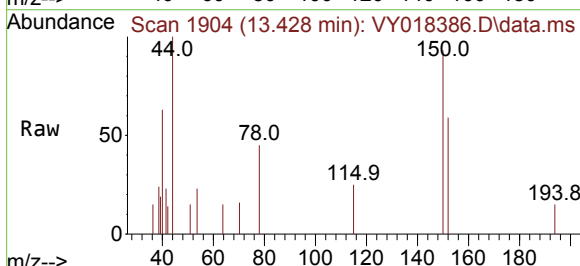
Tgt Ion:152 Resp: 360

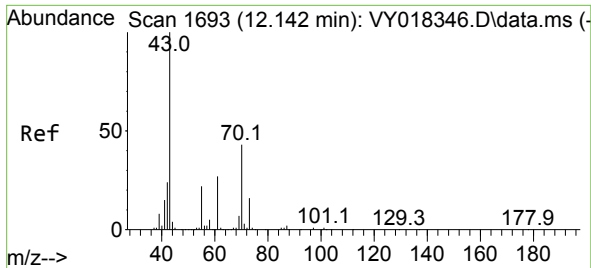
Ion Ratio Lower Upper

152 100

115 16.4 28.2 84.7#

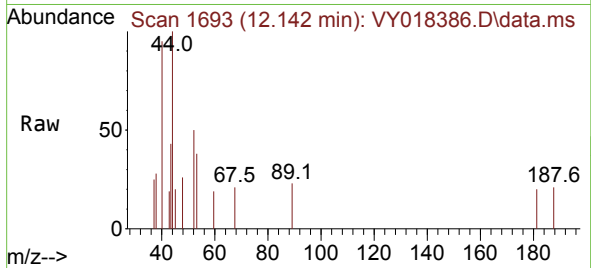
150 125.0 0.0 345.6



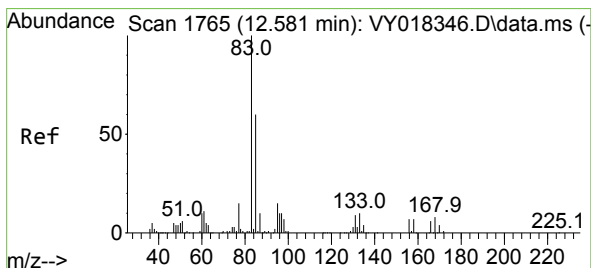
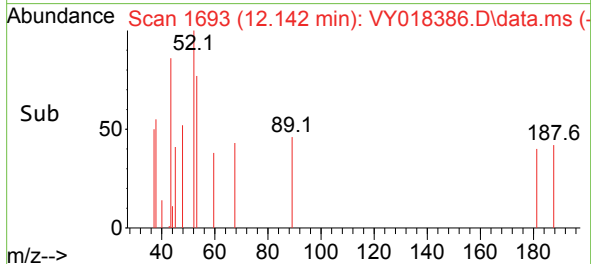
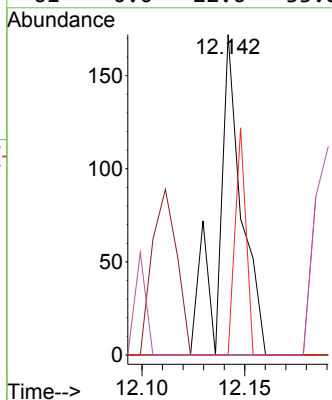


#74
N-amy1 acetate
Concen: 20.450 ug/l
RT: 12.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

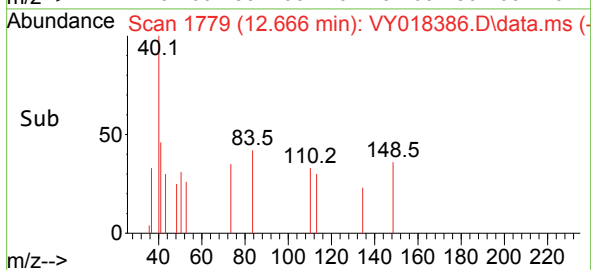
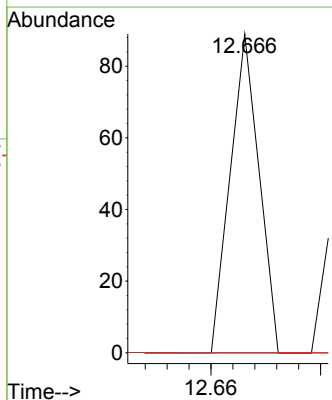
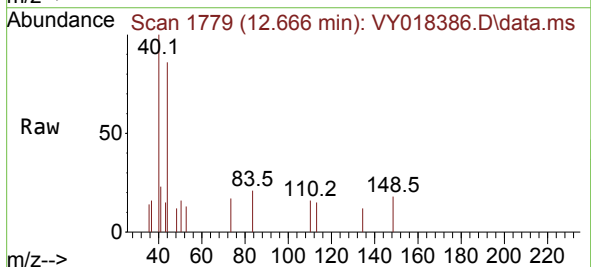


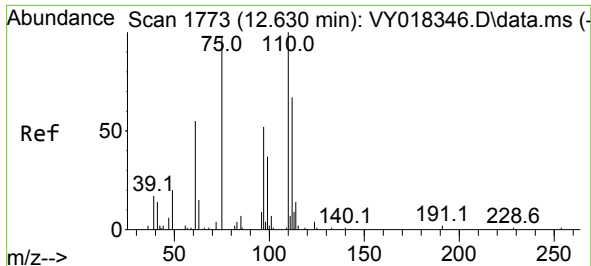
Tgt Ion: 43	Resp:	135
Ion	Ratio	Lower Upper
43	100	
70	0.0	41.4 62.2#
55	33.3	23.3 34.9
61	0.0	22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 6.845 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.085 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

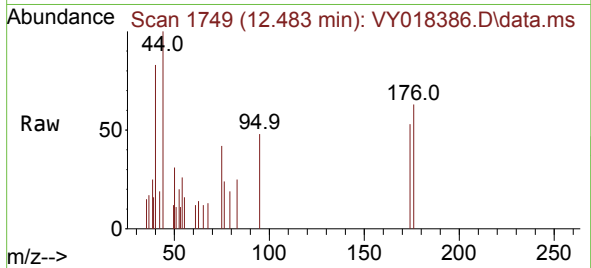
Tgt Ion: 83	Resp:	33
Ion	Ratio	Lower Upper
83	100	
131	0.0	5.0 14.9#
85	0.0	32.0 96.0#



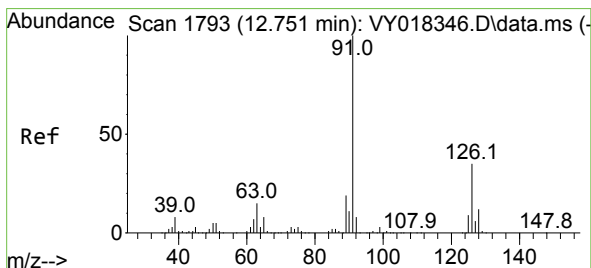
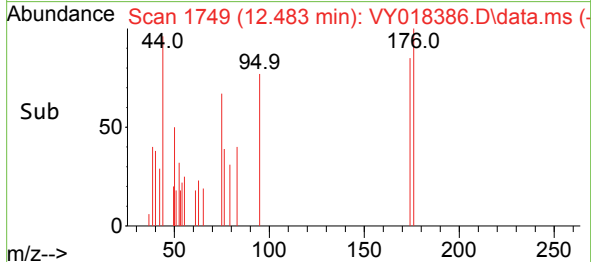
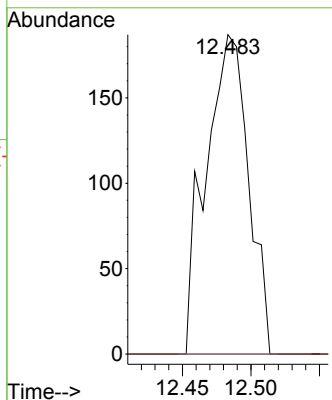


#76
1,2,3-Trichloropropane
Concen: 125.170 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.146 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

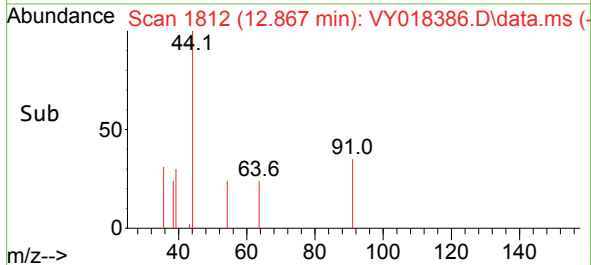
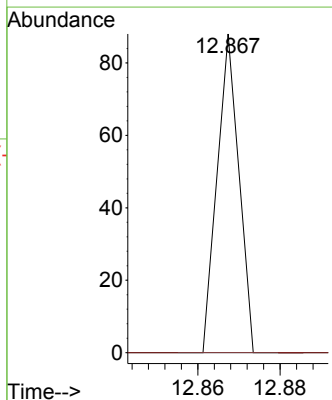
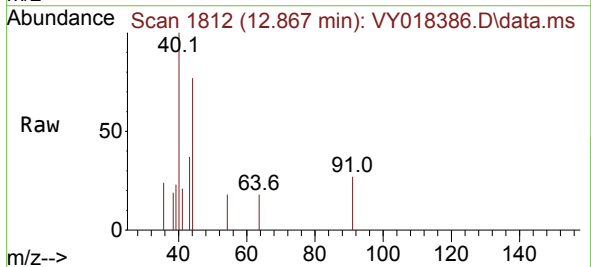


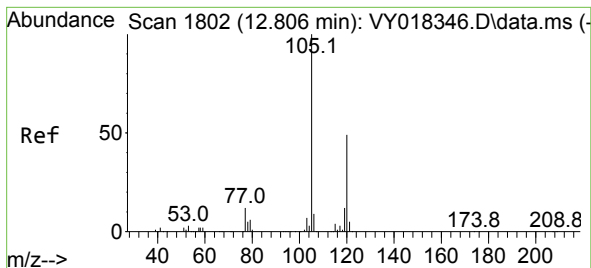
Tgt Ion: 75 Resp: 405
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#79
2-Chlorotoluene
Concen: 1.745 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.116 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 91 Resp: 32
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 1.349 ug/l

RT: 12.861 min Scan# 11

Delta R.T. 0.055 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

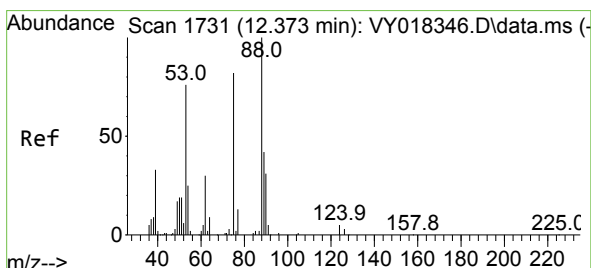
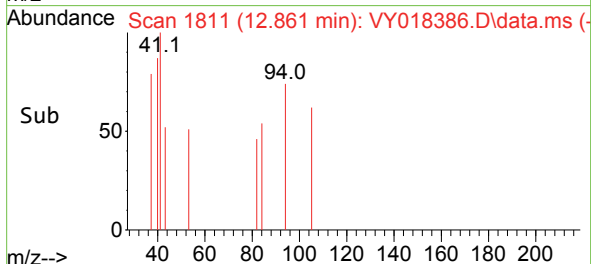
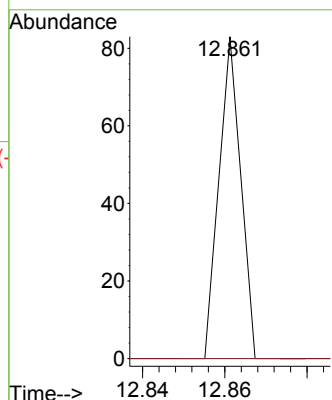
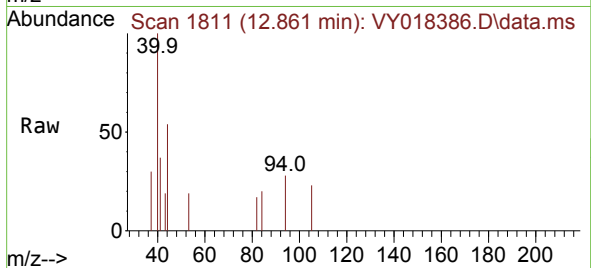
ClientSampleId :

Tgt Ion:105 Resp: 30

Ion Ratio Lower Upper

105 100

120 0.0 25.1 75.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 12.082 ug/l

RT: 12.313 min Scan# 1721

Delta R.T. -0.061 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

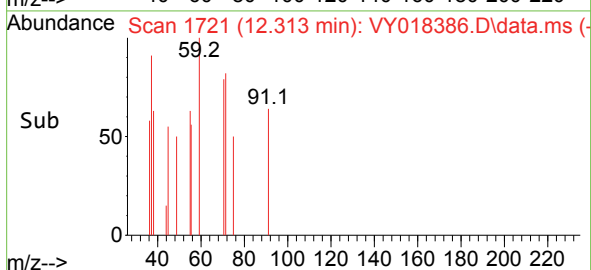
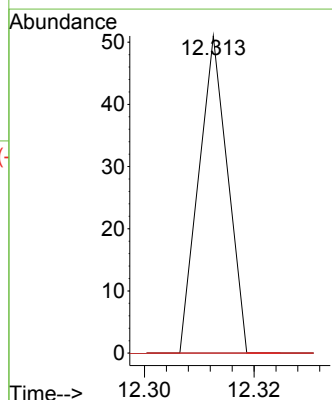
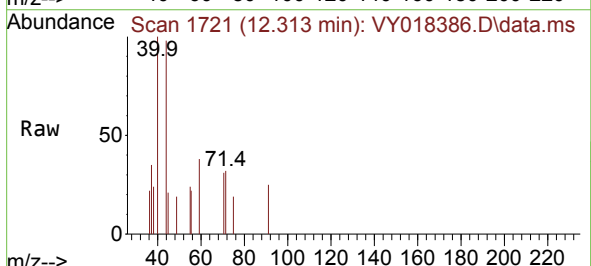
Tgt Ion: 75 Resp: 19

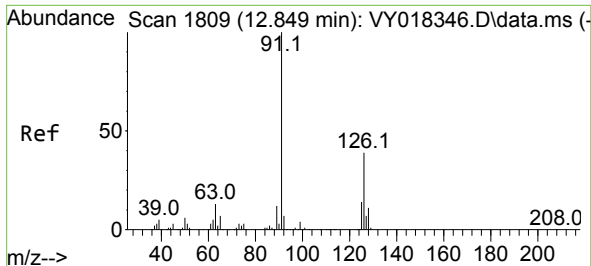
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

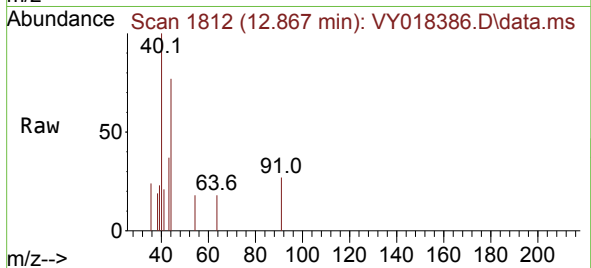
89 0.0 35.8 53.6#



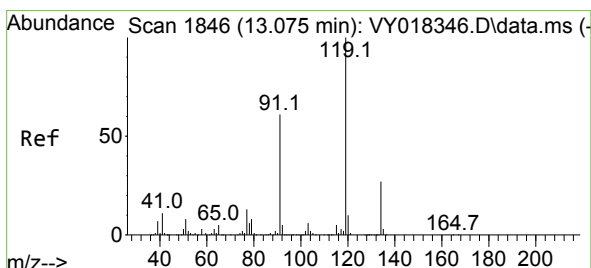
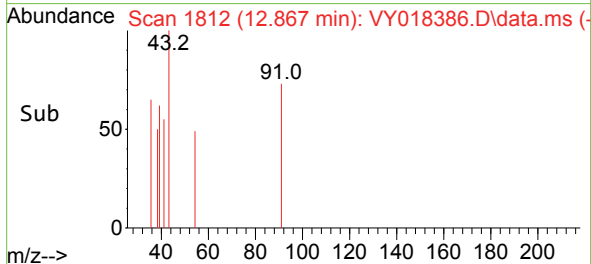
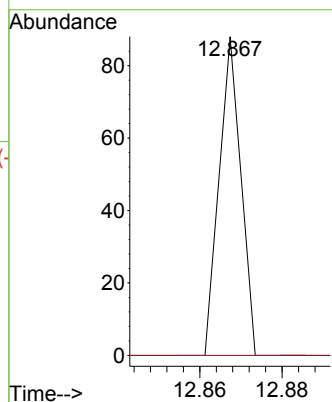


#82
4-Chlorotoluene
Concen: 1.721 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.018 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Instrument :
MSVOA_Y
ClientSampleId :

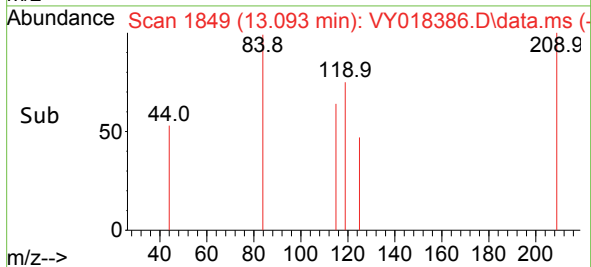
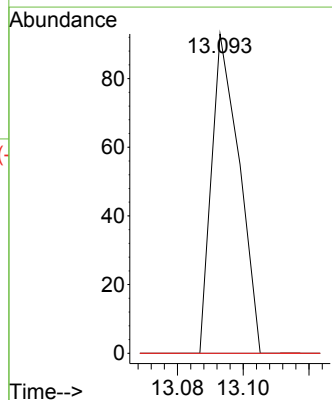
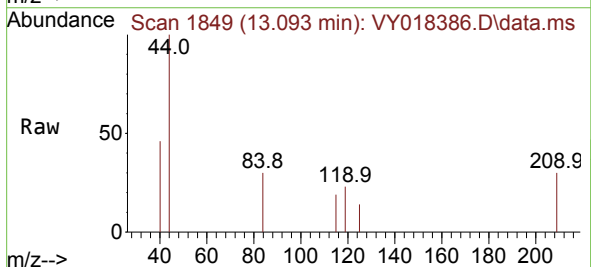


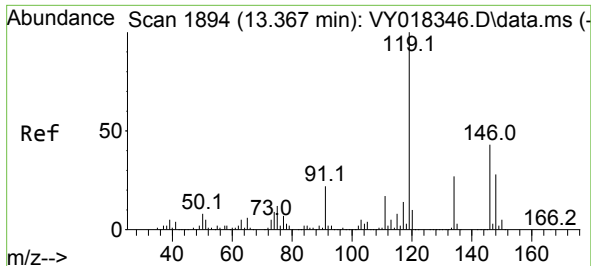
Tgt Ion: 91 Resp: 32
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



#83
tert-Butylbenzene
Concen: 2.627 ug/l
RT: 13.093 min Scan# 1849
Delta R.T. 0.018 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion: 119 Resp: 54
Ion Ratio Lower Upper
119 100
91 0.0 31.3 93.8#
134 0.0 13.4 40.1#

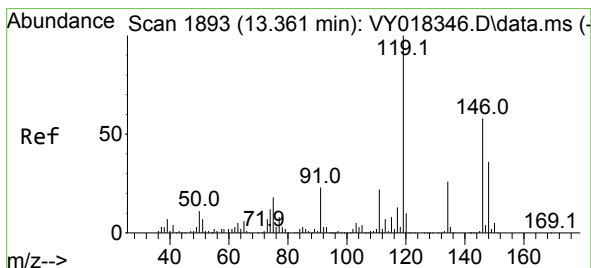
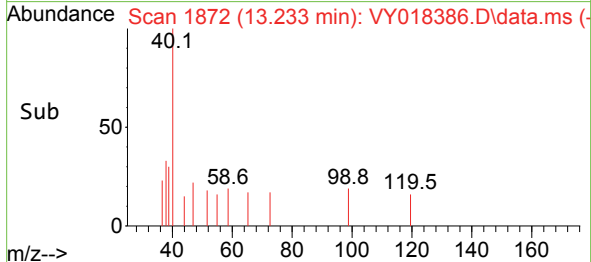
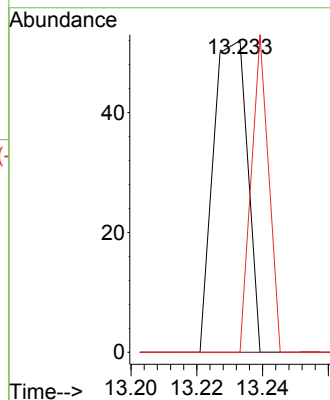
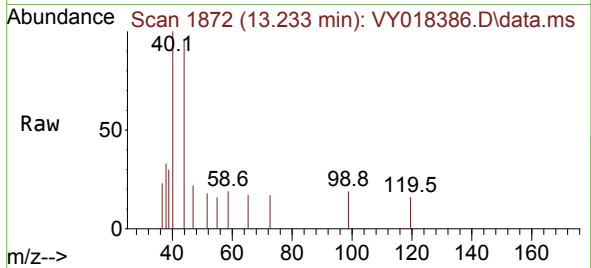




#86
p-Isopropyltoluene
Concen: 1.488 ug/l
RT: 13.233 min Scan# 11
Delta R.T. -0.134 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

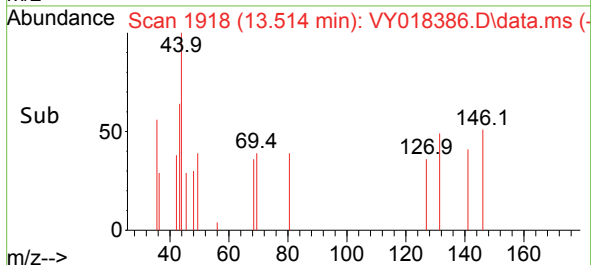
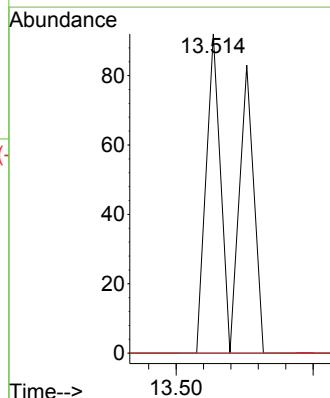
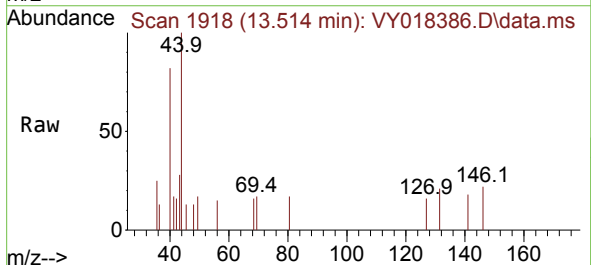
Instrument :
MSVOA_Y
ClientSampleId :

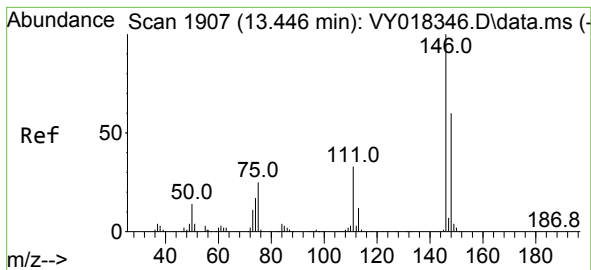
Tgt Ion:119 Resp: 37
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 51.4 10.7 32.1#



#87
1,3-Dichlorobenzene
Concen: 5.244 ug/l
RT: 13.514 min Scan# 1918
Delta R.T. 0.152 min
Lab File: VY018386.D
Acq: 28 May 2024 17:38

Tgt Ion:146 Resp: 64
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 0.0 31.7 95.1#





#88

1,4-Dichlorobenzene

Concen: 5.269 ug/l

RT: 13.514 min Scan# 1907

Delta R.T. 0.067 min

Lab File: VY018386.D

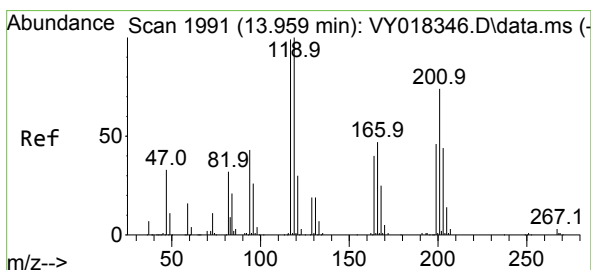
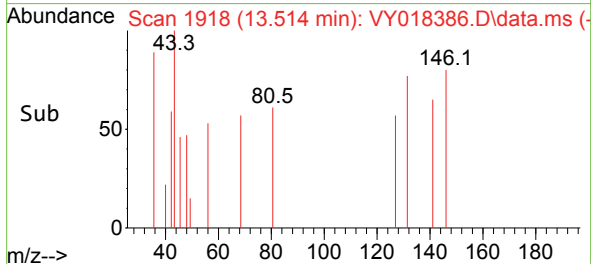
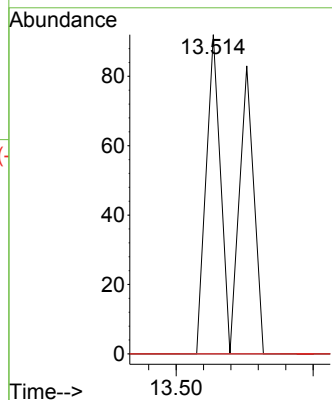
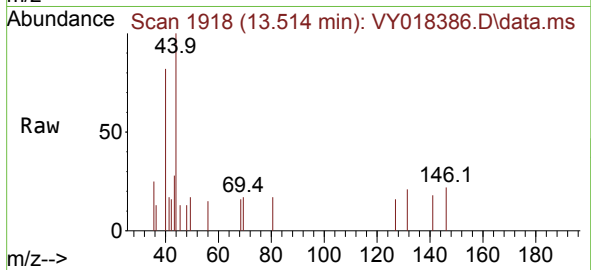
Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	64
Ion Ratio	Lower	Upper	
146	100		
111	0.0	18.4	55.4#
148	0.0	32.4	97.2#



#90

Hexachloroethane

Concen: 5.880 ug/l

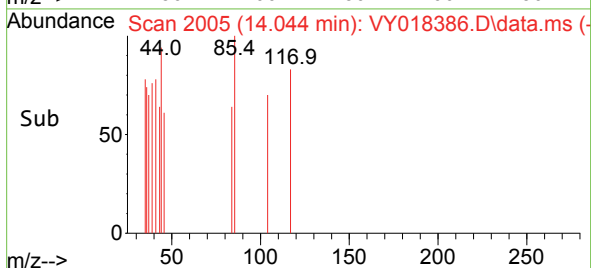
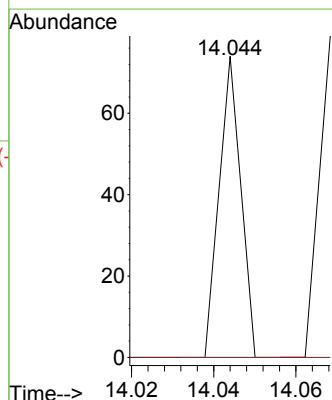
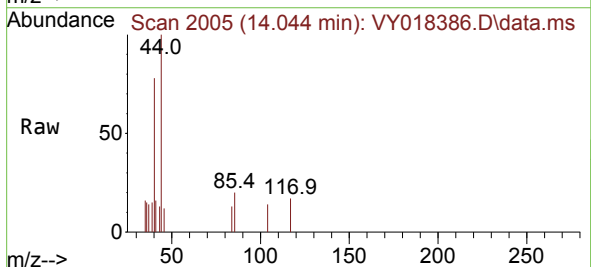
RT: 14.044 min Scan# 2005

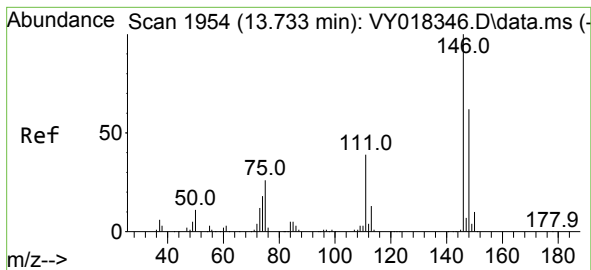
Delta R.T. 0.085 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

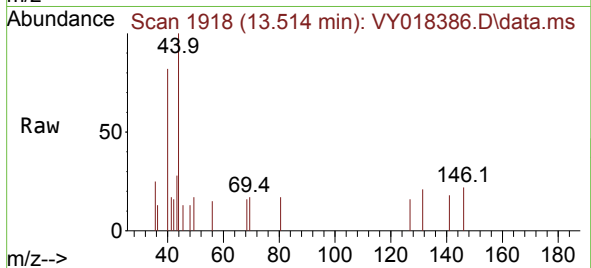
Tgt Ion:	117	Resp:	27
Ion Ratio	Lower	Upper	
117	100		
201	0.0	37.4	112.2#



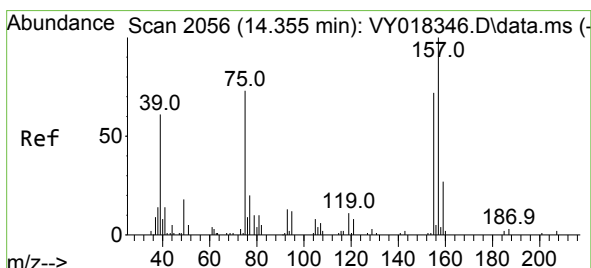
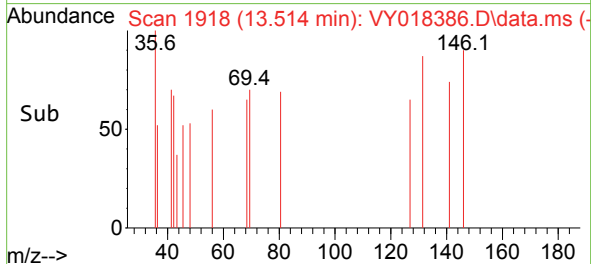
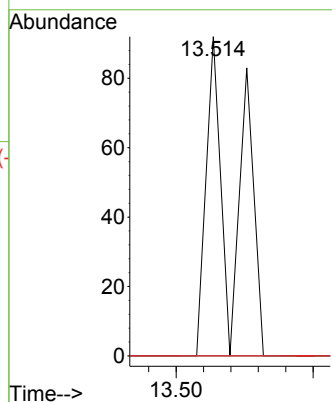


#91
 1,2-Dichlorobenzene
 Concen: 6.044 ug/l
 RT: 13.514 min Scan# 1954
 Delta R.T. -0.219 min
 Lab File: VY018386.D
 Acq: 28 May 2024 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :

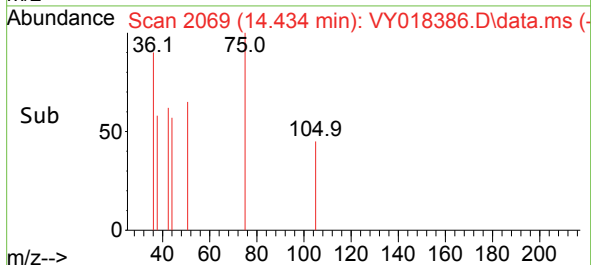
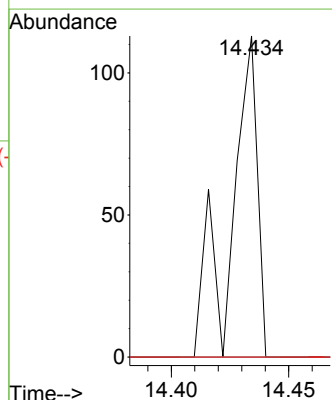
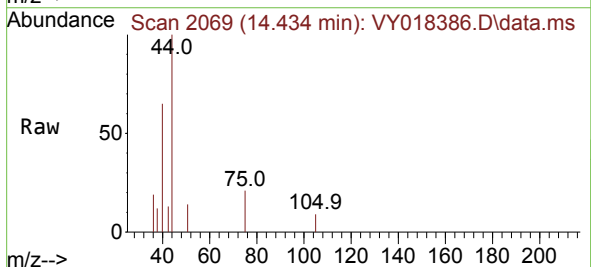


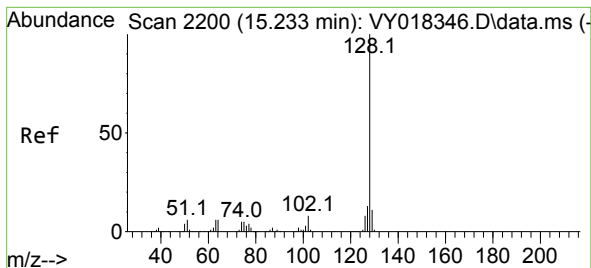
Tgt Ion:146 Resp: 64
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.9 59.7#
 148 0.0 31.8 95.4#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 133.075 ug/l
 RT: 14.434 min Scan# 2069
 Delta R.T. 0.079 min
 Lab File: VY018386.D
 Acq: 28 May 2024 17:38

Tgt Ion: 75 Resp: 88
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#





#95

Naphthalene

Concen: 1.602 ug/l

RT: 15.495 min Scan# 2112

Delta R.T. 0.262 min

Lab File: VY018386.D

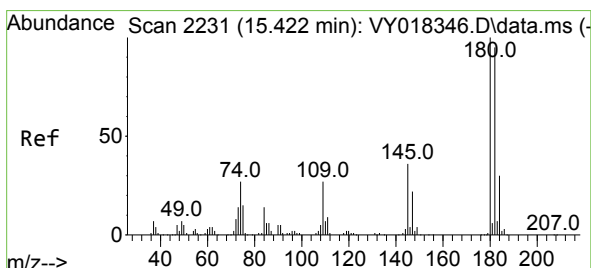
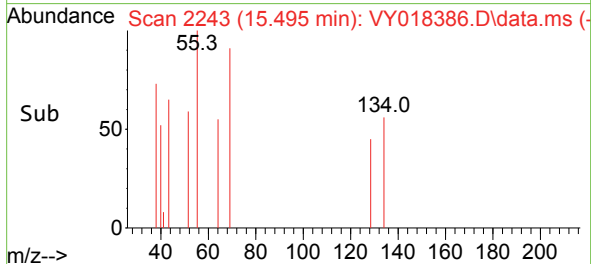
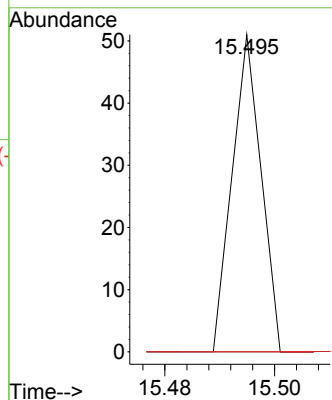
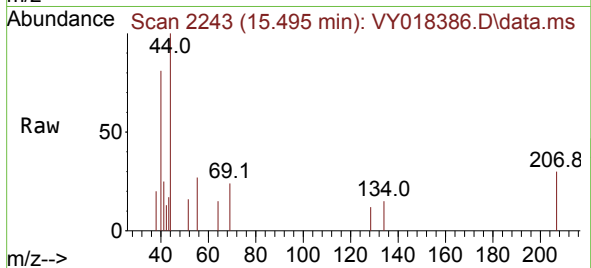
Acq: 28 May 2024 17:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	19
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.6 16.0#
129	0.0	8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 5.070 ug/l

RT: 15.306 min Scan# 2212

Delta R.T. -0.116 min

Lab File: VY018386.D

Acq: 28 May 2024 17:38

Tgt Ion:180	Resp:	26
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.6 142.9#
145	0.0	15.4 46.1#

