

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018414.D
 Acq On : 30 May 2024 15:52
 Operator : SY/MD
 Sample : P2662-03
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 31 01:02:36 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	7.777	168	3347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3273	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	393	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1631	51.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.860%	
35) Dibromofluoromethane	7.703	113	1665	50.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.179	98	5751	44.683	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.360%	
62) 4-Bromofluorobenzene	12.483	95	1156	29.067	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 58.140%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.003	85	29	1.015	ug/l #	43
3) Chloromethane	2.107	50	379	8.164	ug/l #	83
5) Bromomethane	2.674	94	76	2.047	ug/l	99
6) Chloroethane	2.790	64	48	1.424	ug/l #	42
8) Diethyl Ether	3.369	74	27	1.451	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	3.851	101	41	1.140	ug/l #	19
10) Methyl Iodide	4.094	142	95	2.627	ug/l #	91
11) Tert butyl alcohol	4.960	59	29	Below Cal	#	1
12) 1,1-Dichloroethene	4.003	96	44	1.242	ug/l #	1
13) Acrolein	3.716	56	42	1.067	ug/l	88
15) Acrylonitrile	5.143	53	23	2.857	ug/l #	1
16) Acetone	3.960	43	391	59.951	ug/l #	36
18) Methyl Acetate	4.436	43	116	6.710	ug/l #	81
20) Methylene Chloride	4.704	84	372	5.608	ug/l #	75
25) 2-Butanone	6.899	43	93	8.998	ug/l #	41
28) Bromochloromethane	7.313	49	51	2.382	ug/l #	6
29) Tetrahydrofuran	7.332	42	138	20.286	ug/l #	26
31) Cyclohexane	7.752	56	68	Below Cal	#	11
37) Ethyl Acetate	7.076	43	95	4.148	ug/l #	67
38) Carbon Tetrachloride	7.777	117	708	14.439	ug/l #	13
41) Methacrylonitrile	7.313	41	26	2.274	ug/l #	1
43) Isopropyl Acetate	8.197	43	81	1.813	ug/l #	47
45) 1,2-Dichloropropane	9.356	63	59	1.797	ug/l #	43
46) Dibromomethane	9.209	93	53	2.752	ug/l #	34
48) Methyl methacrylate	9.289	41	174	8.608	ug/l #	13
49) 1,4-Dioxane	9.478	88	20	80.032	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.758	63	80	5.058	ug/l	89
59) 2-Hexanone	10.782	43	56	3.609	ug/l	65
60) Dibromochloromethane	10.922	129	51	1.655	ug/l #	10
71) Bromoform	12.184	173	22	1.945	ug/l #	27
73) Isopropylbenzene	12.447	105	87	2.817	ug/l #	40
74) N-ethyl acetate	12.136	43	91	12.627	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.538	83	24	4.560	ug/l #	26
76) 1,2,3-Trichloropropane	12.562	75	67	18.968	ug/l #	100
78) n-propylbenzene	12.757	91	57	1.541	ug/l #	53
79) 2-Chlorotoluene	12.757	91	57	2.847	ug/l #	39

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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 31 01:02:36 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

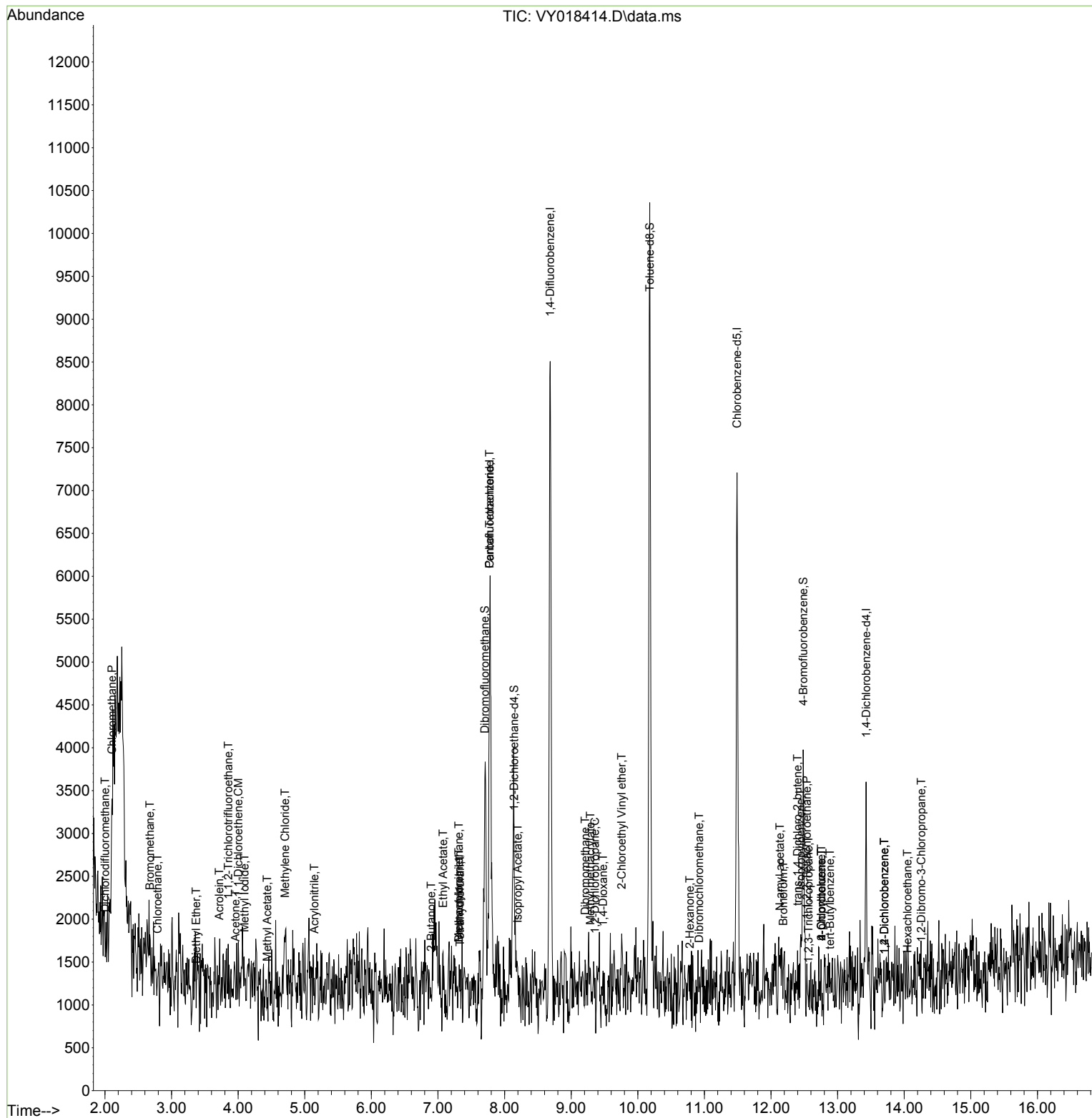
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.398	75	20	11.650	ug/l #	53
82) 4-Chlorotoluene	12.757	91	57	2.808	ug/l #	39
83) tert-Butylbenzene	12.885	119	25	1.114	ug/l #	28
88) 1,4-Dichlorobenzene	13.702	146	26	1.961	ug/l #	25
90) Hexachloroethane	14.050	117	19	3.791	ug/l #	12
91) 1,2-Dichlorobenzene	13.702	146	26	2.249	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.257	75	61	84.499	ug/l #	11

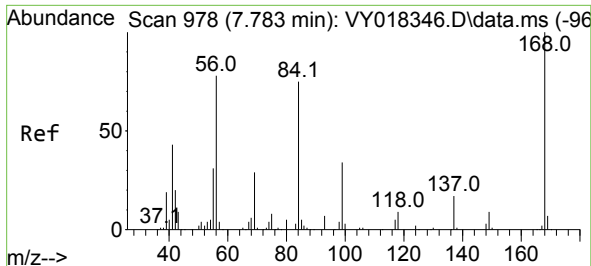
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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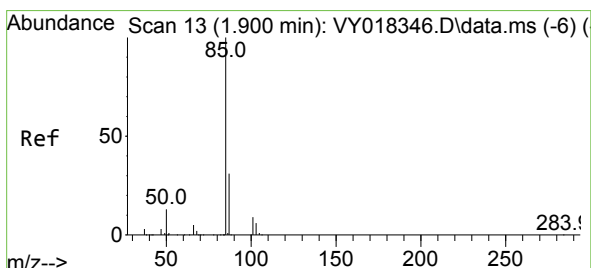
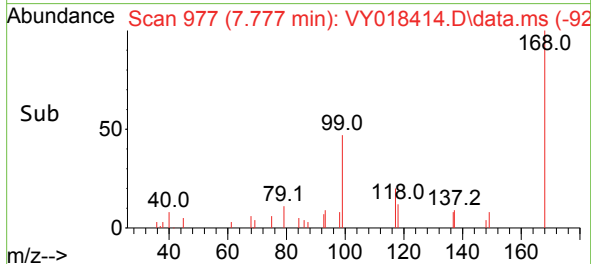
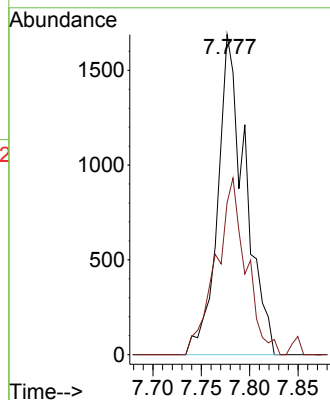
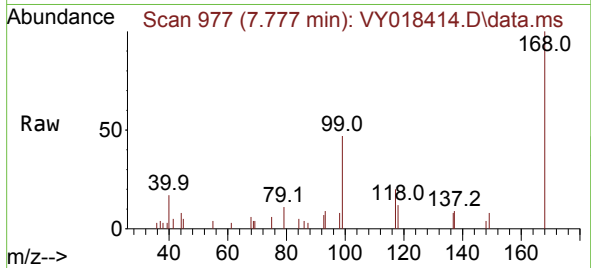




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018414.D
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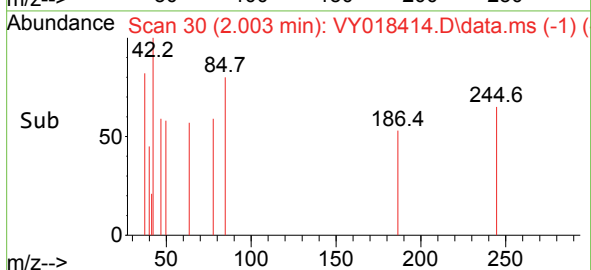
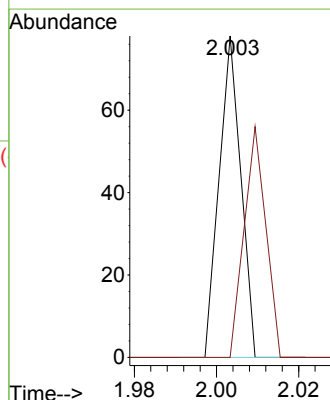
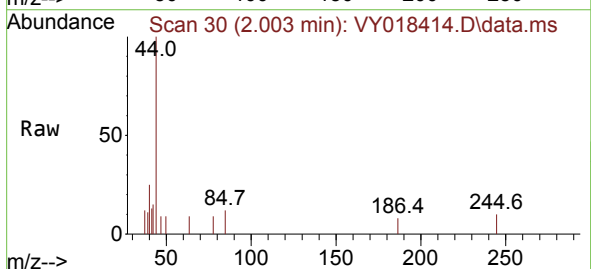
Instrument :
MSVOA_Y
ClientSampleId :

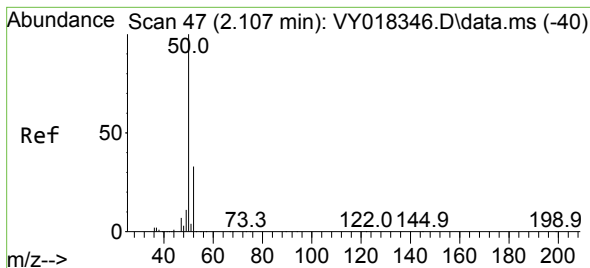
Tgt Ion:168 Resp: 3347
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 1.015 ug/l
RT: 2.003 min Scan# 30
Delta R.T. 0.104 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

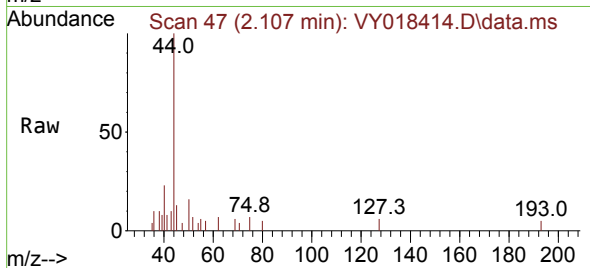
Tgt Ion: 85 Resp: 29
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



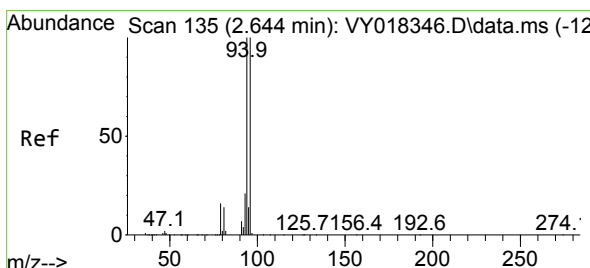
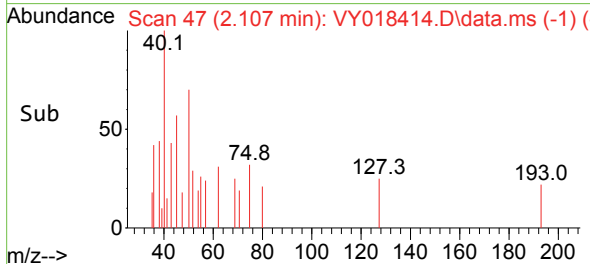
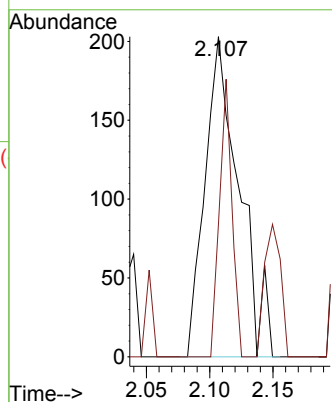


#3
Chloromethane
Concen: 8.164 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

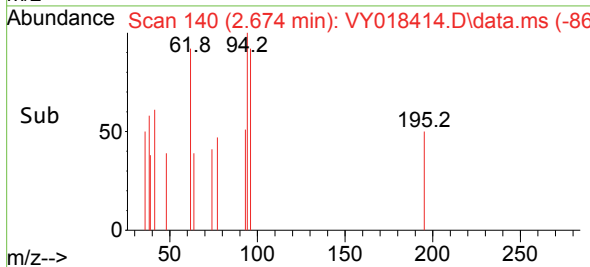
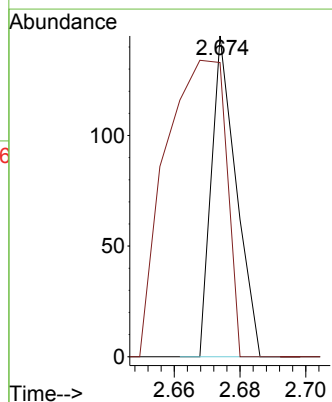
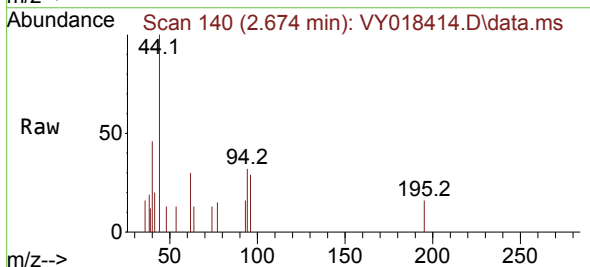


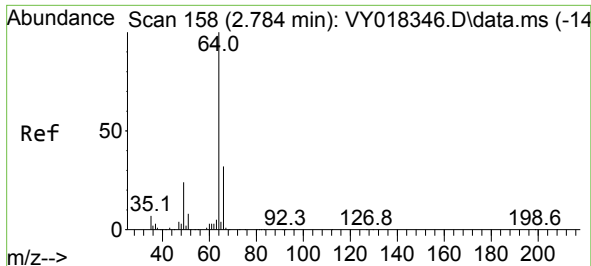
Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 41.4 25.6 38.4#



#5
Bromomethane
Concen: 2.047 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.030 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion: 94 Resp: 76
Ion Ratio Lower Upper
94 100
96 91.7 74.1 111.1

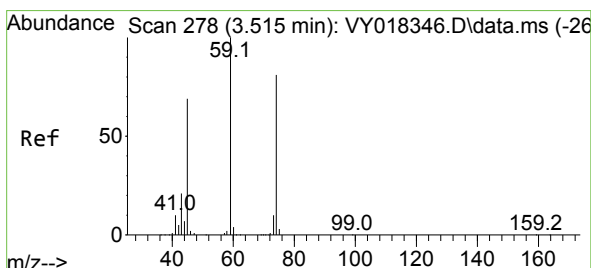
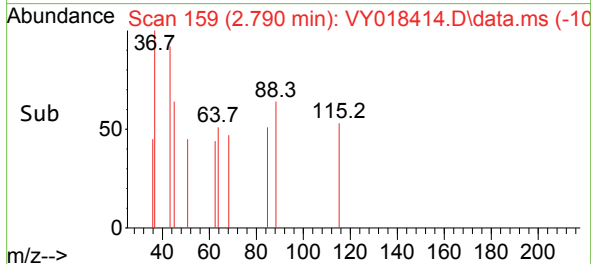
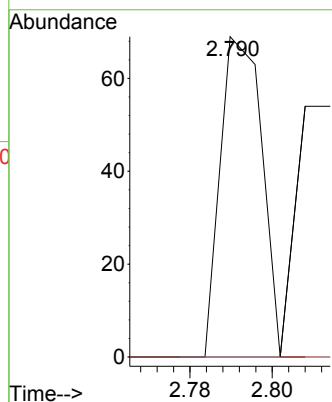
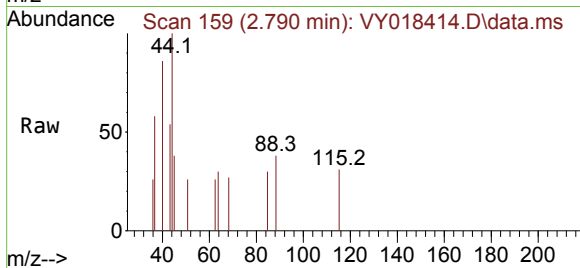




#6
Chloroethane
Concen: 1.424 ug/l
RT: 2.790 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

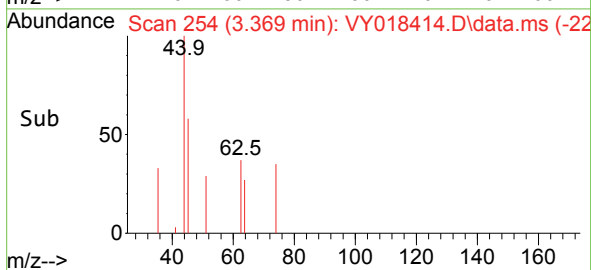
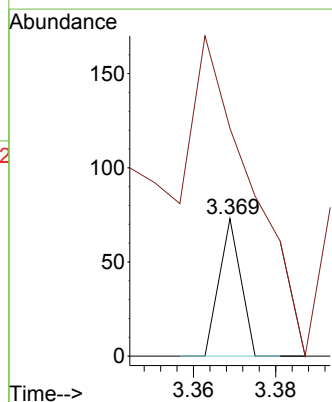
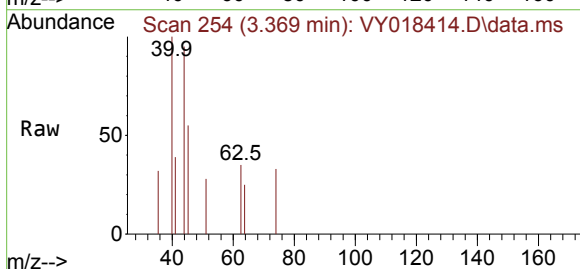
Instrument :
MSVOA_Y
ClientSampleId :

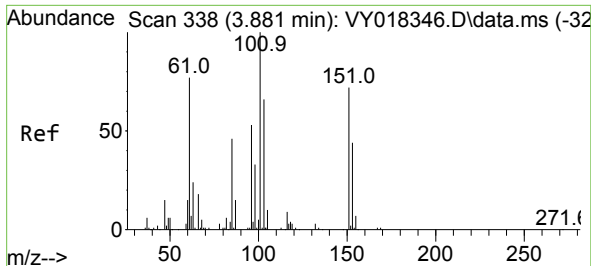
Tgt Ion: 64 Resp: 48
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 1.451 ug/l
RT: 3.369 min Scan# 254
Delta R.T. -0.146 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

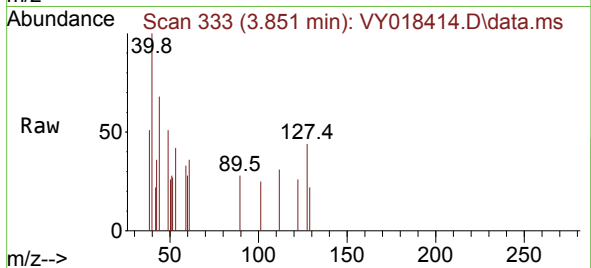
Tgt Ion: 74 Resp: 27
Ion Ratio Lower Upper
74 100
45 963.0 41.3 124.1#



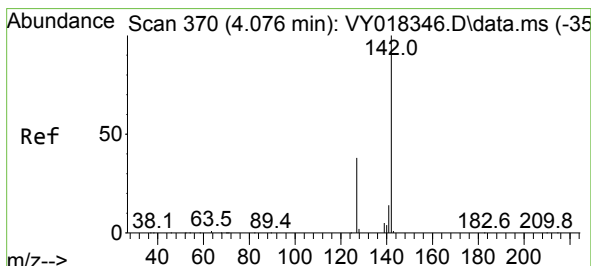
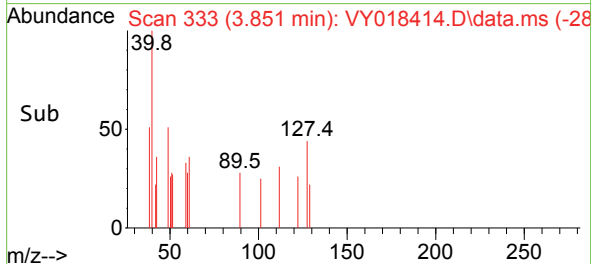
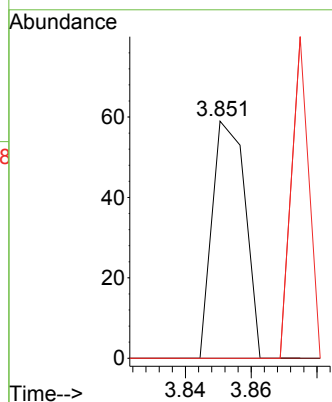


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.140 ug/l
RT: 3.851 min Scan# 311
Delta R.T. -0.031 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

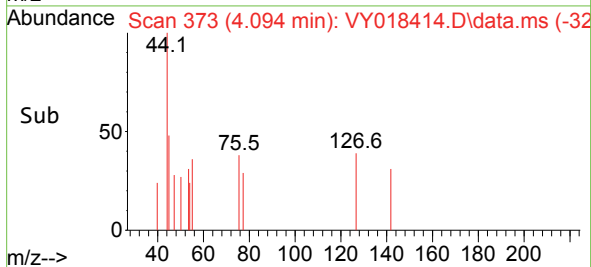
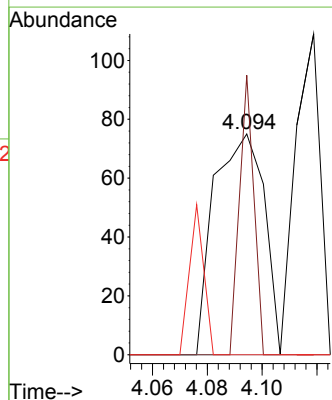
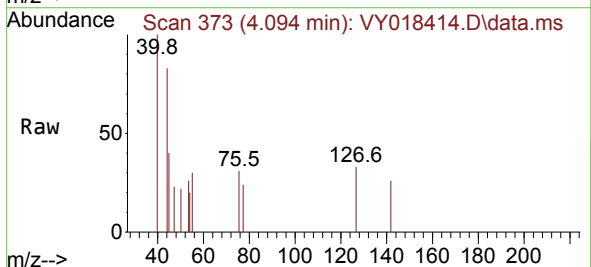


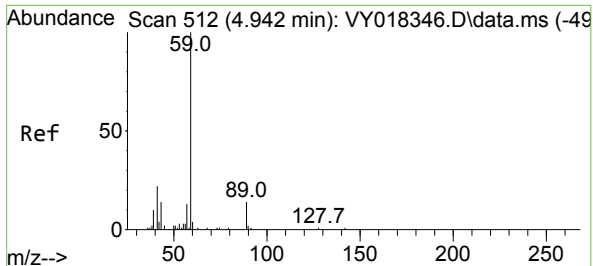
Tgt Ion:101 Resp: 41
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 61.7 92.5#



#10
Methyl Iodide
Concen: 2.627 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 36.8 32.8 49.2
141 20.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 51

Delta R.T. 0.018 min

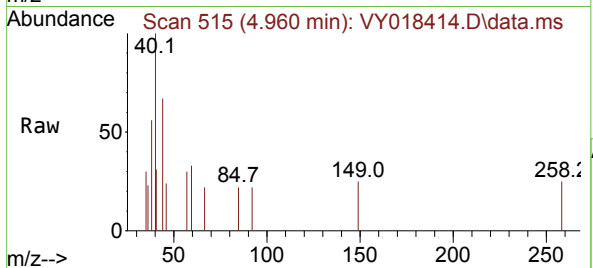
Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

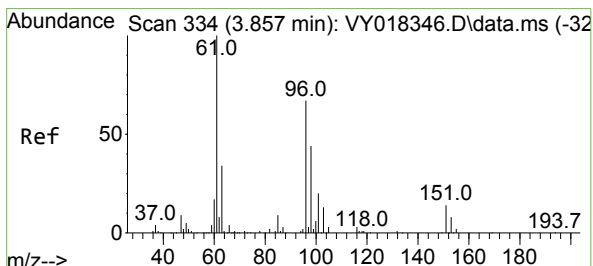
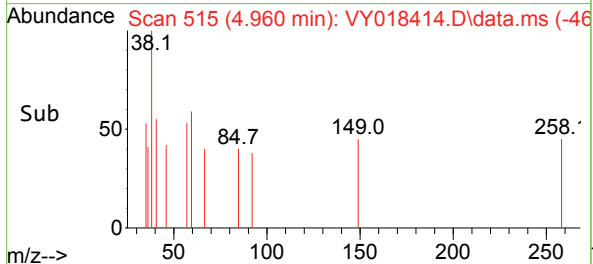
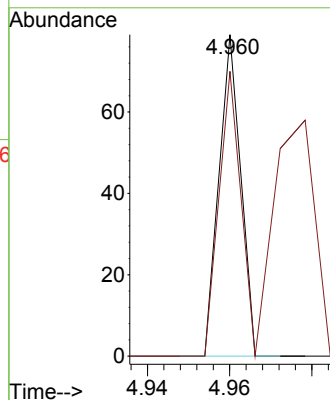


Tgt Ion: 59 Resp: 29

Ion Ratio Lower Upper

59 100

57 89.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 1.242 ug/l

RT: 4.003 min Scan# 358

Delta R.T. 0.146 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

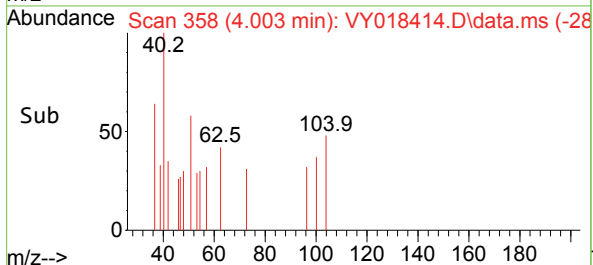
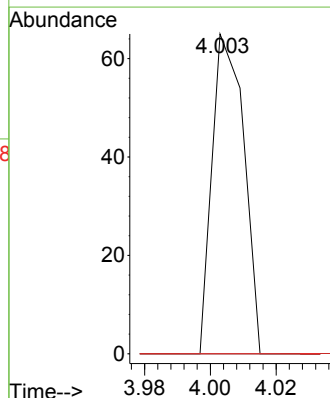
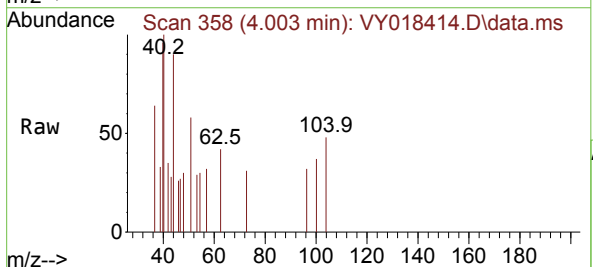
Tgt Ion: 96 Resp: 44

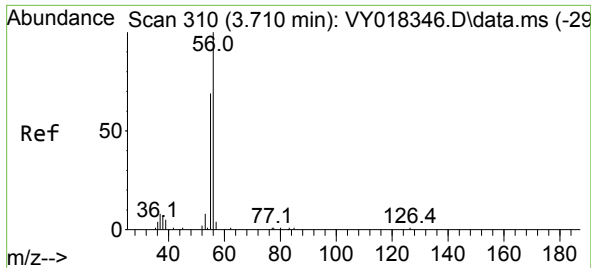
Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

98 0.0 50.8 76.2#





#13

Acrolein

Concen: 1.067 ug/l

RT: 3.716 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

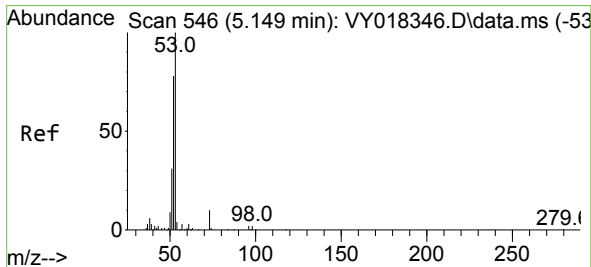
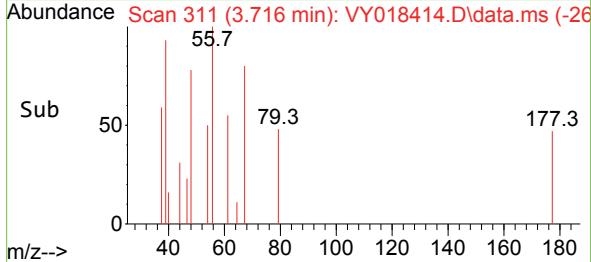
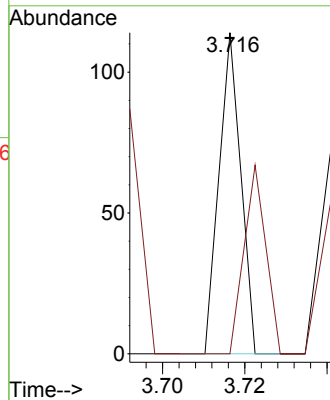
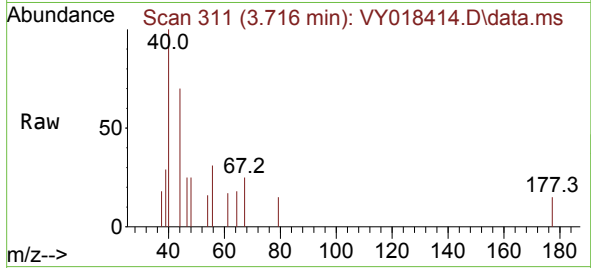
ClientSampleId :

Tgt Ion: 56 Resp: 42

Ion Ratio Lower Upper

56 100

55 59.5 55.7 83.5



#15

Acrylonitrile

Concen: 2.857 ug/l

RT: 5.143 min Scan# 545

Delta R.T. -0.006 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

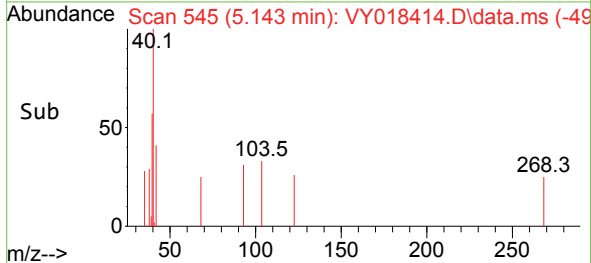
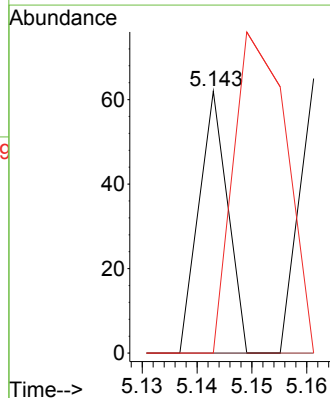
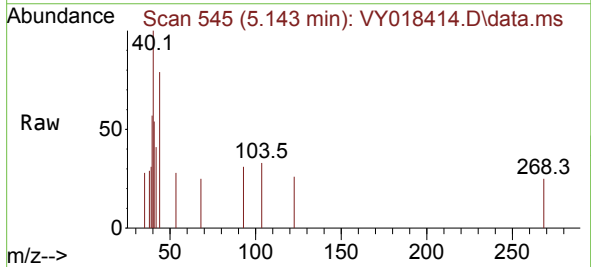
Tgt Ion: 53 Resp: 23

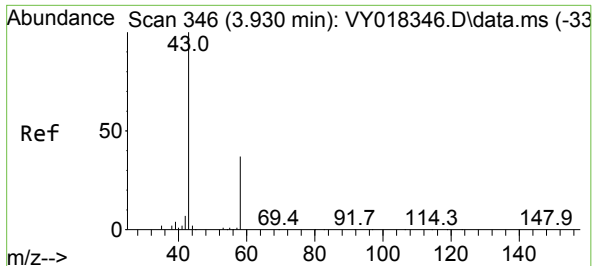
Ion Ratio Lower Upper

53 100

52 0.0 64.7 97.1#

51 221.7 28.4 42.6#

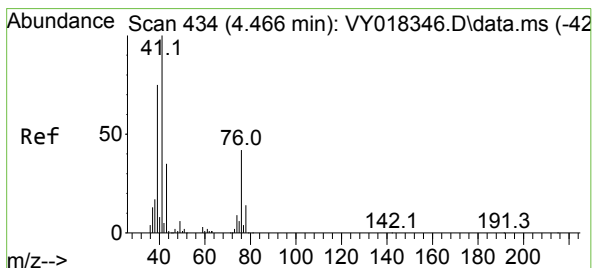
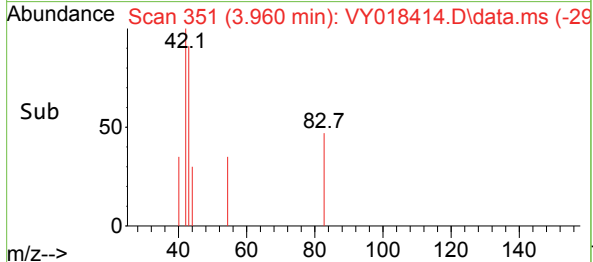
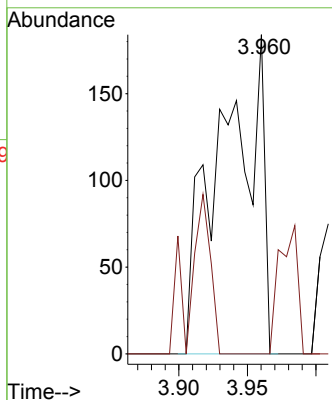
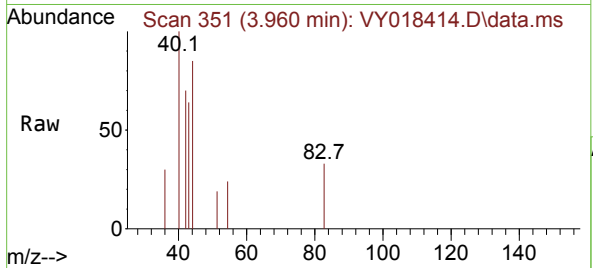




#16
Acetone
Concen: 59.951 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.030 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

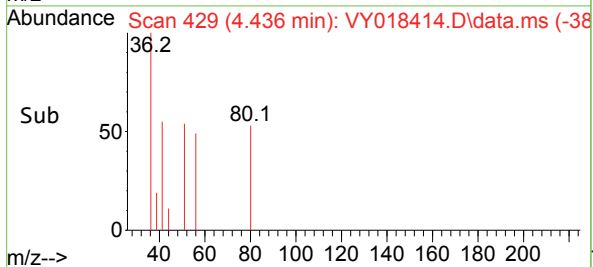
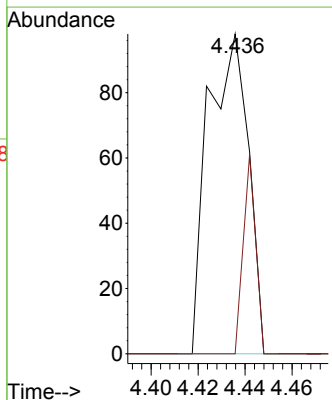
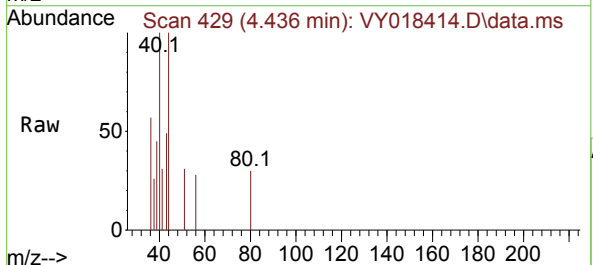
Instrument :
MSVOA_Y
ClientSampleId :

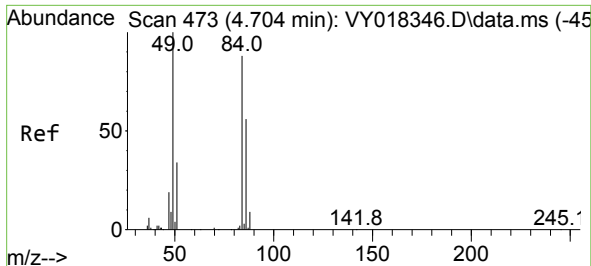
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 6.710 ug/l
RT: 4.436 min Scan# 429
Delta R.T. -0.031 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

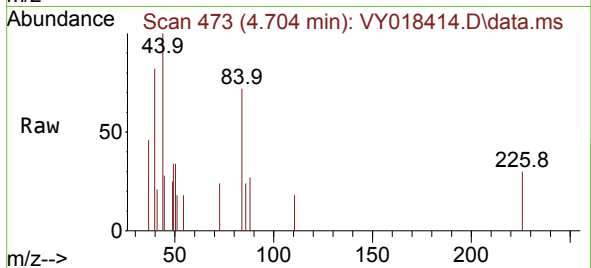
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
74 19.0 23.3 34.9#



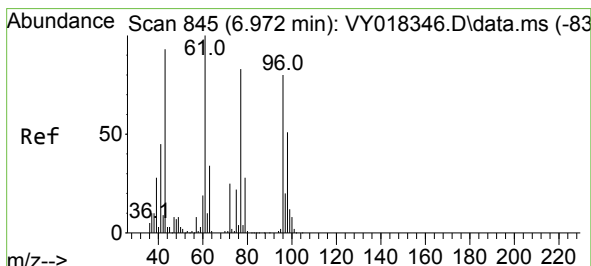
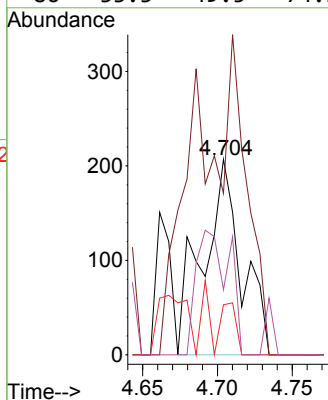
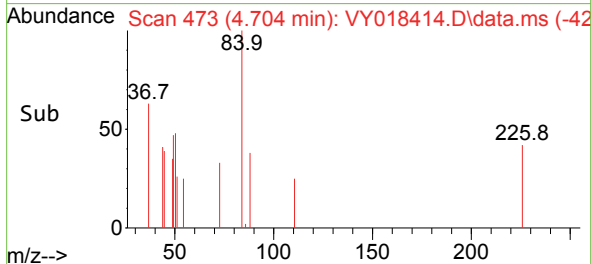


#20
Methylene Chloride
Concen: 5.608 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

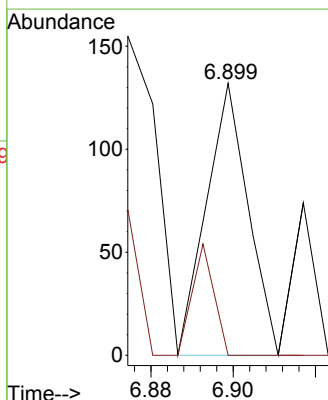
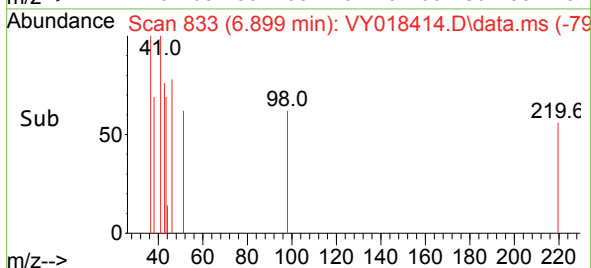
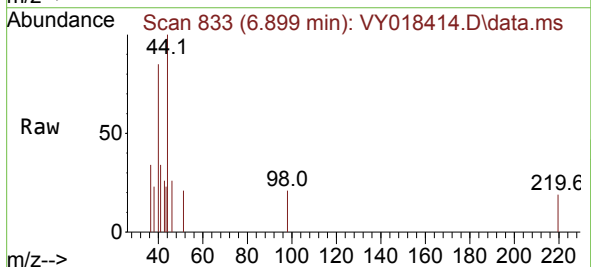


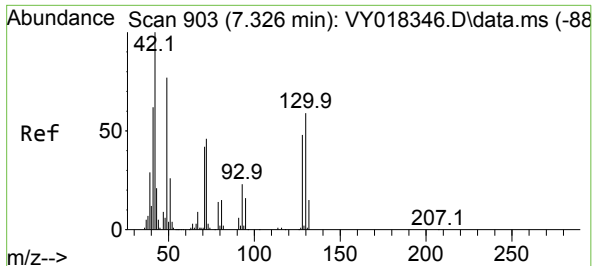
Tgt Ion: 84 Resp: 372
Ion Ratio Lower Upper
84 100
49 82.6 84.4 126.6#
51 25.6 26.0 39.0#
86 33.3 49.5 74.3#



#25
2-Butanone
Concen: 8.998 ug/l
RT: 6.899 min Scan# 833
Delta R.T. -0.073 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#28

Bromochloromethane

Concen: 2.382 ug/l

RT: 7.313 min Scan# 901

Delta R.T. -0.012 min

Lab File: VY018414.D

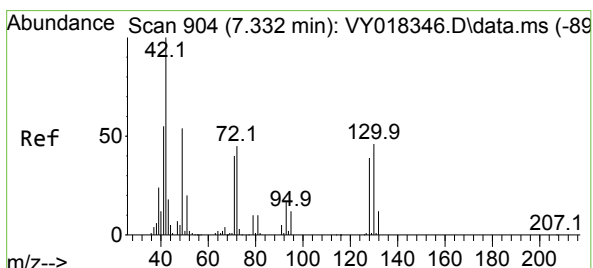
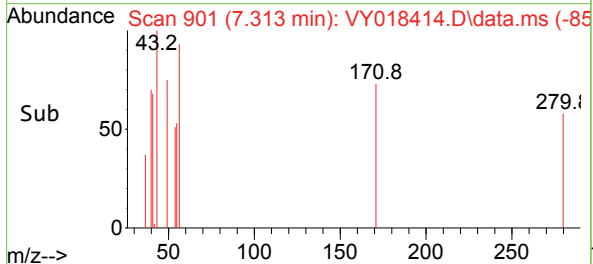
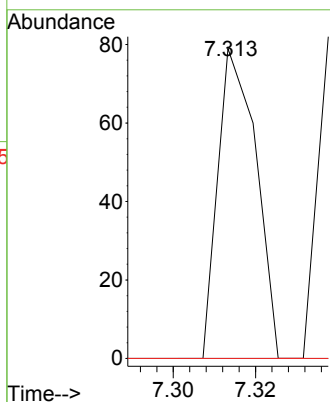
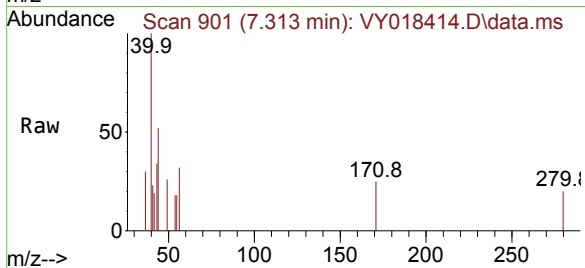
Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	49	Resp:	51
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	72.7	109.1#



#29

Tetrahydrofuran

Concen: 20.286 ug/l

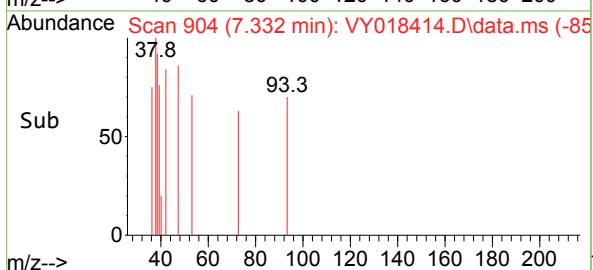
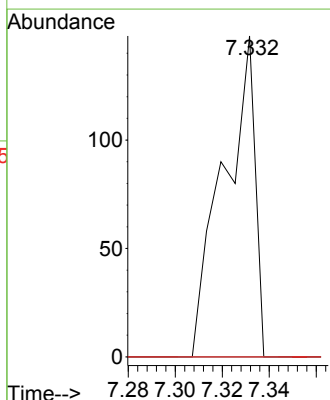
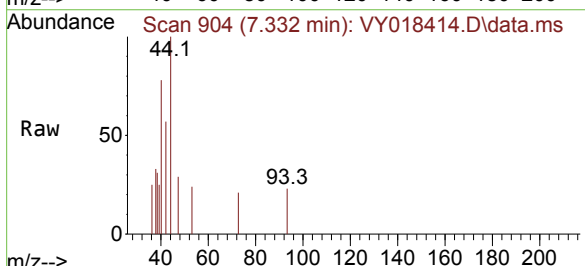
RT: 7.332 min Scan# 904

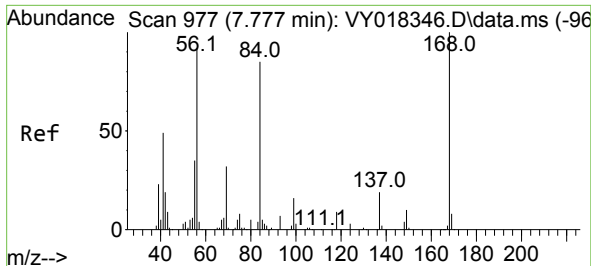
Delta R.T. -0.000 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

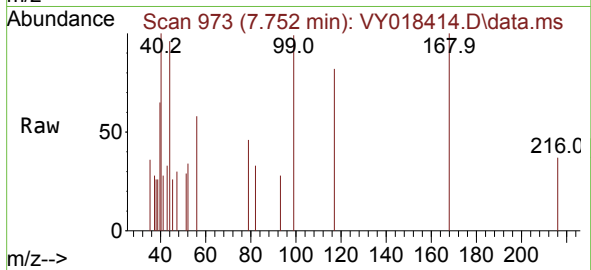
Tgt Ion:	42	Resp:	138
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



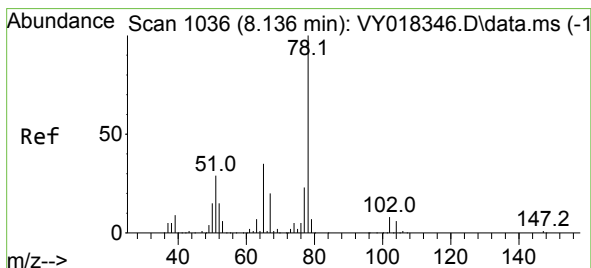
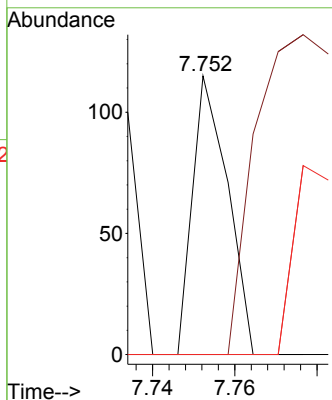
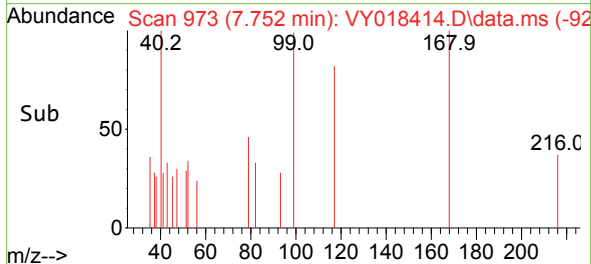


#31
Cyclohexane
Concen: Below Cal
RT: 7.752 min Scan# 91
Delta R.T. -0.025 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

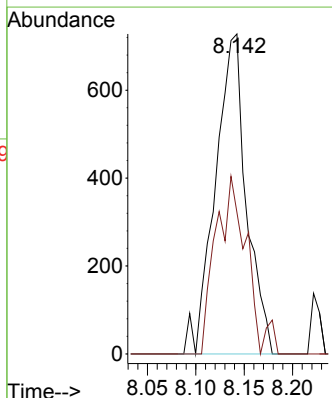
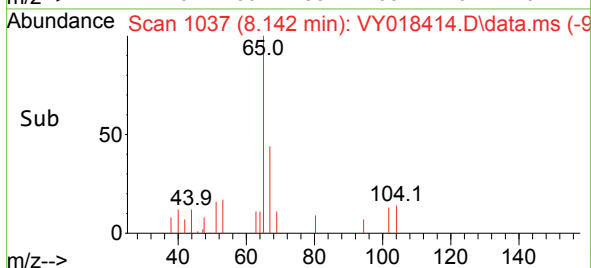
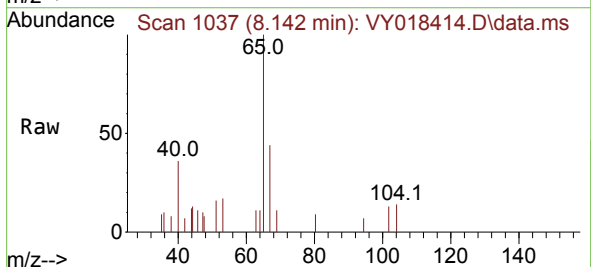


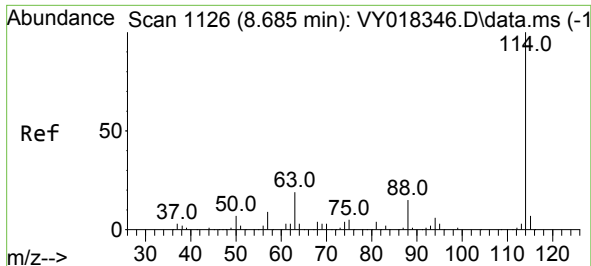
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 0.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.435 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion: 65 Resp: 1631
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

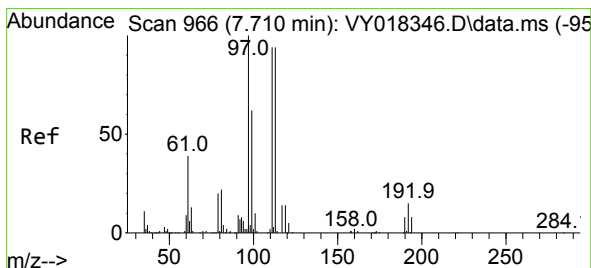
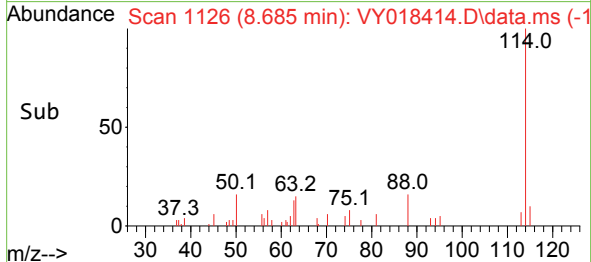
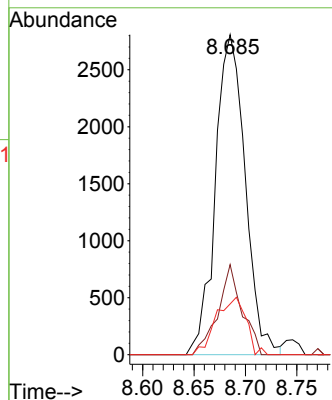
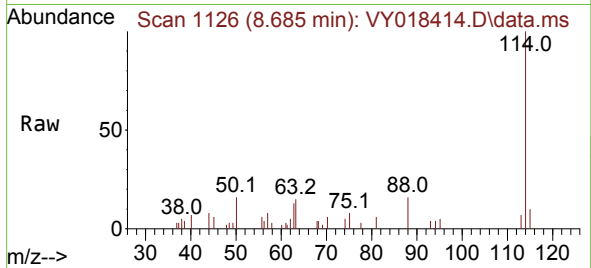




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

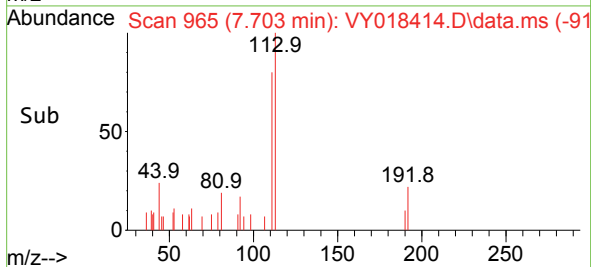
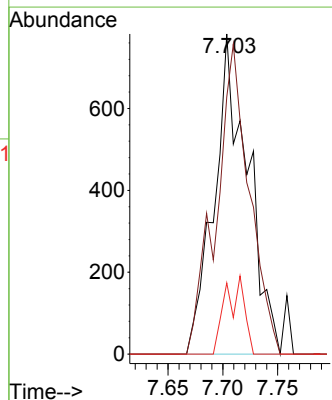
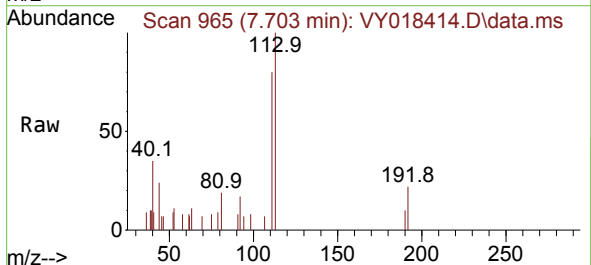
Instrument :
MSVOA_Y
ClientSampleId :

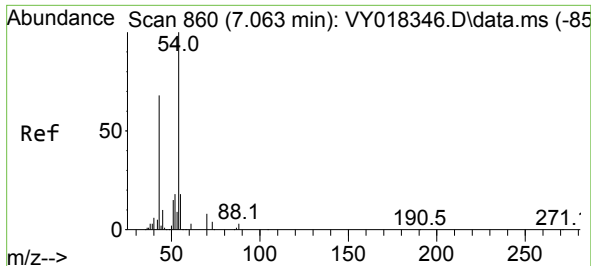
Tgt Ion:114 Resp: 5661
Ion Ratio Lower Upper
114 100
63 28.2 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.436 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion:113 Resp: 1665
Ion Ratio Lower Upper
113 100
111 96.3 82.2 123.4
192 13.6 15.9 23.9#





#37

Ethyl Acetate

Concen: 4.148 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.012 min

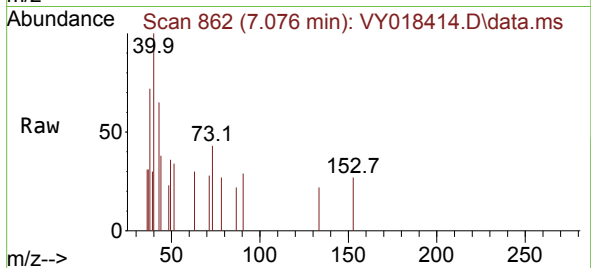
Lab File: VY018414.D

Acq: 30 May 2024 15:52

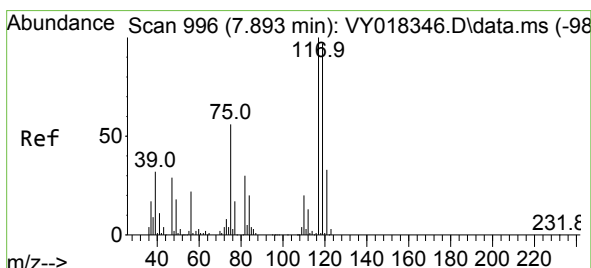
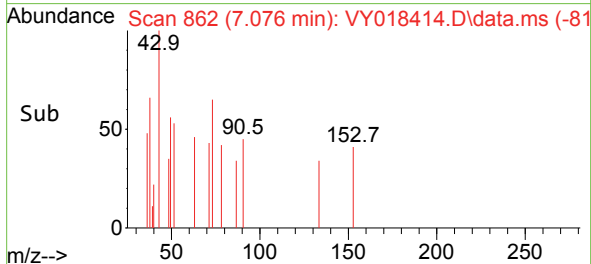
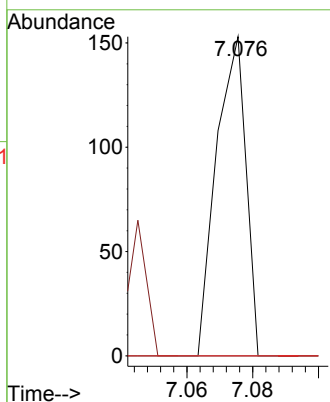
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp:	95
Ion	Ratio	Lower Upper
43	100	
61	0.0	12.6 19.0#
70	0.0	7.8 11.8#



#38

Carbon Tetrachloride

Concen: 14.439 ug/l

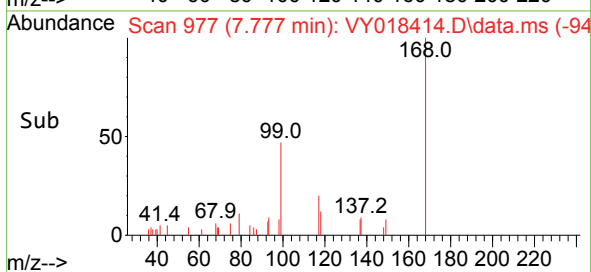
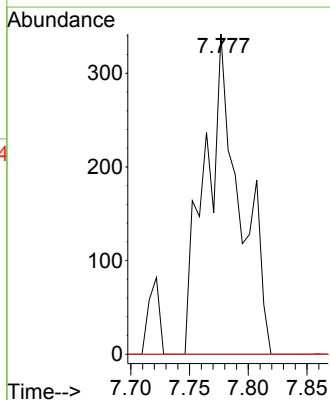
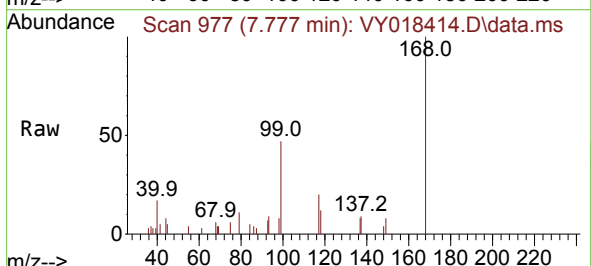
RT: 7.777 min Scan# 977

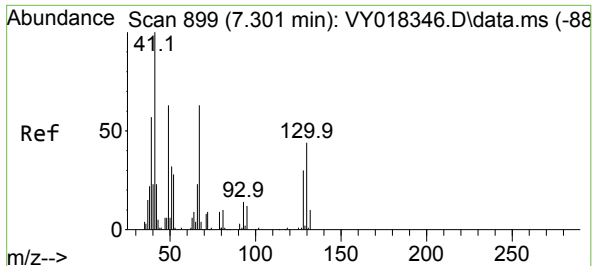
Delta R.T. -0.116 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

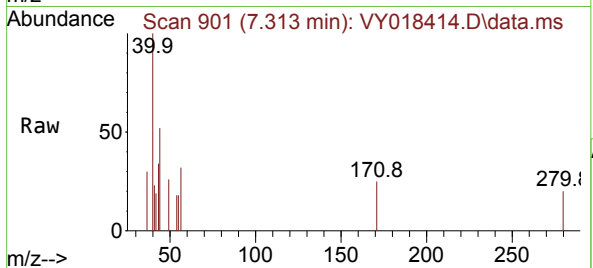
Tgt Ion: 117	Resp:	708
Ion	Ratio	Lower Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.0 36.0#



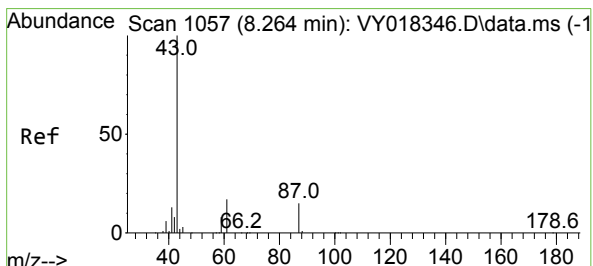
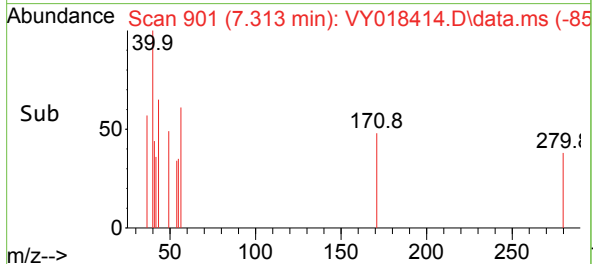
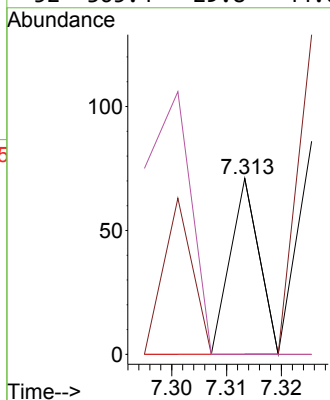


#41
Methacrylonitrile
Concen: 2.274 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

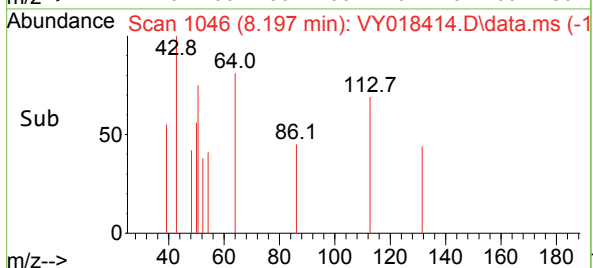
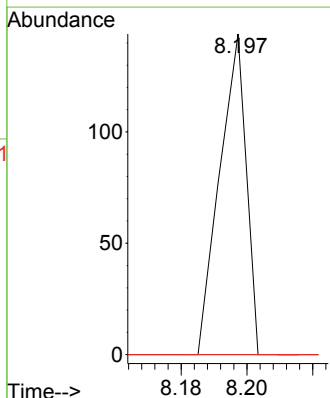
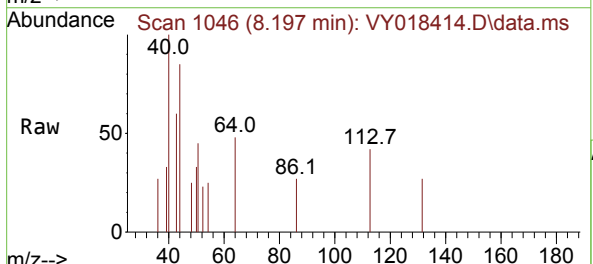


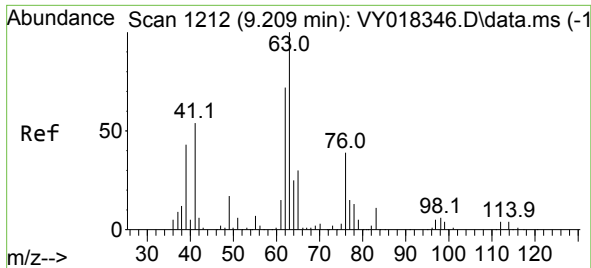
Tgt Ion:	41	Resp:	26
Ion	Ratio	Lower	Upper
41	100		
39	88.5	48.0	72.0#
67	0.0	75.1	112.7#
52	365.4	29.8	44.6#



#43
Isopropyl Acetate
Concen: 1.813 ug/l
RT: 8.197 min Scan# 1046
Delta R.T. -0.067 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion:	43	Resp:	81
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: 1.797 ug/l

RT: 9.356 min Scan# 1

Delta R.T. 0.146 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

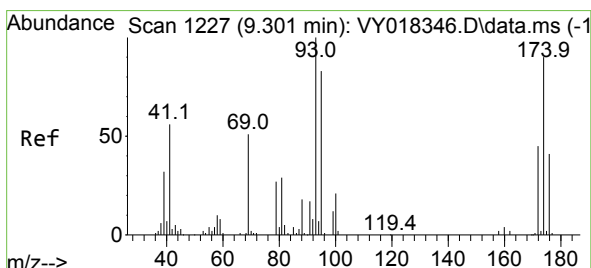
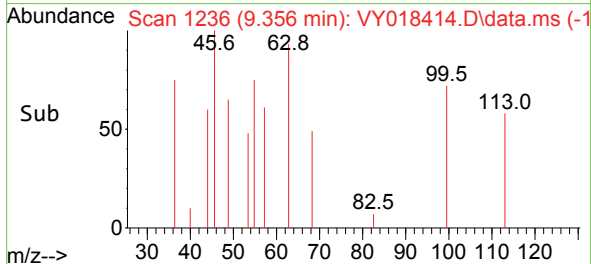
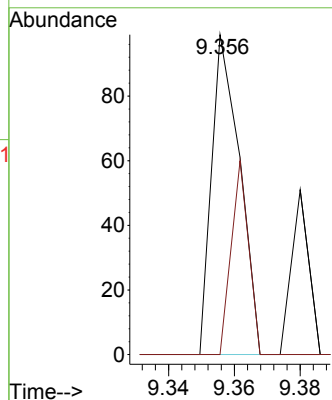
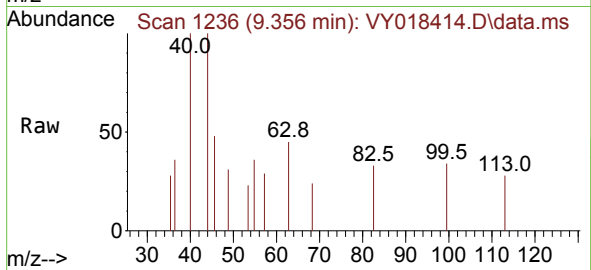
ClientSampleId :

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 2.752 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.092 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

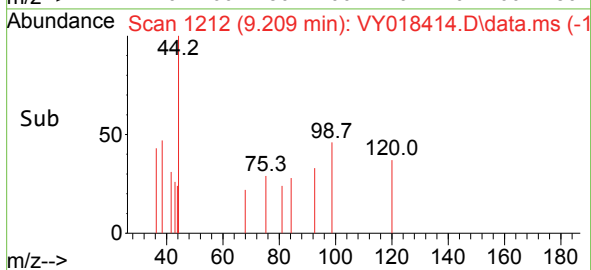
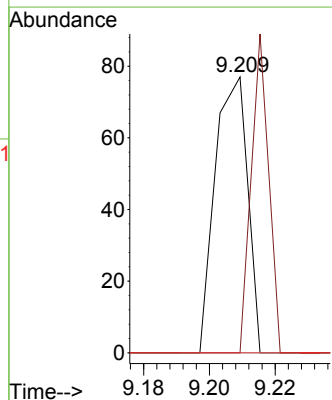
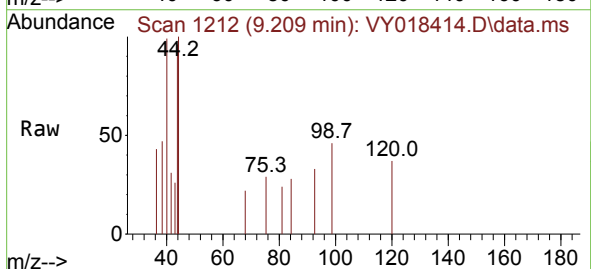
Tgt Ion: 93 Resp: 53

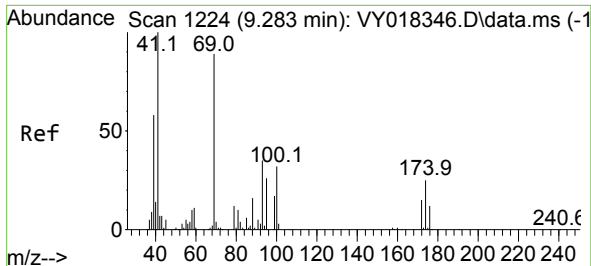
Ion Ratio Lower Upper

93 100

95 62.3 66.2 99.4#

174 0.0 80.9 121.3#





#48

Methyl methacrylate

Concen: 8.608 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

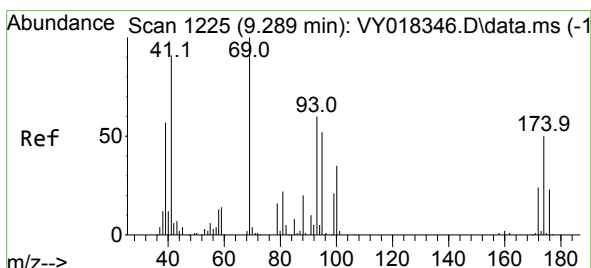
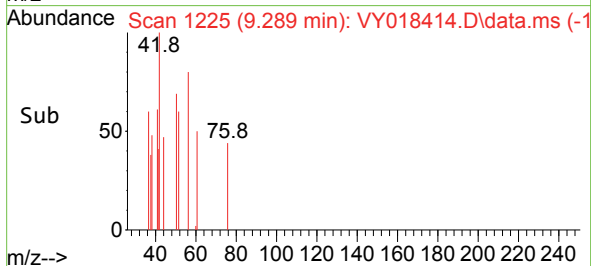
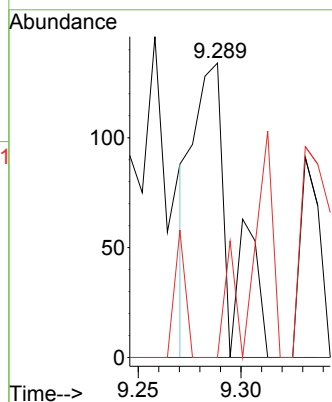
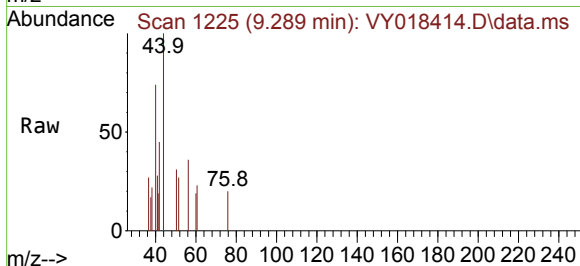
Tgt Ion: 41 Resp: 174

Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 12.1 43.6 65.4#



#49

1,4-Dioxane

Concen: 80.032 ug/l

RT: 9.478 min Scan# 1256

Delta R.T. 0.189 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

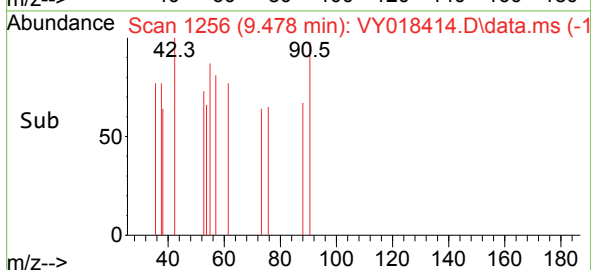
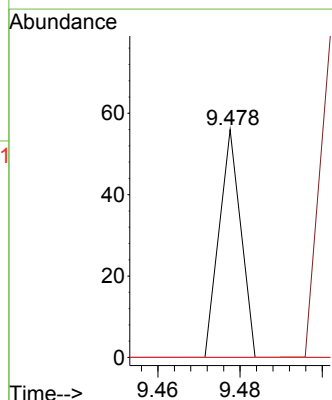
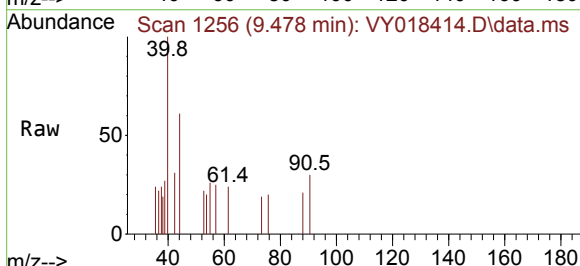
Tgt Ion: 88 Resp: 20

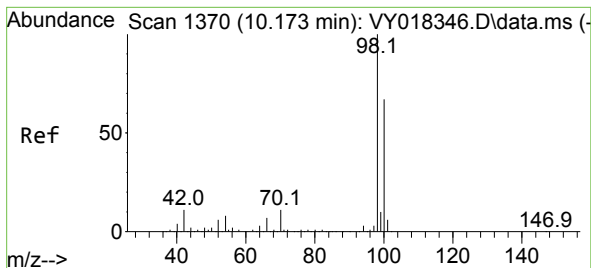
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 44.683 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

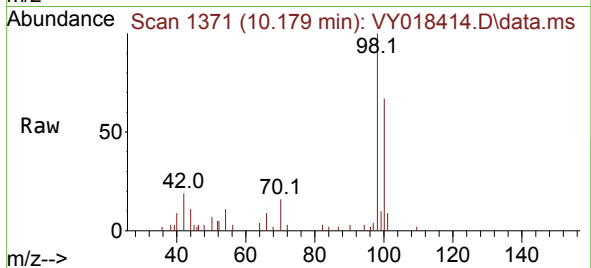
Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

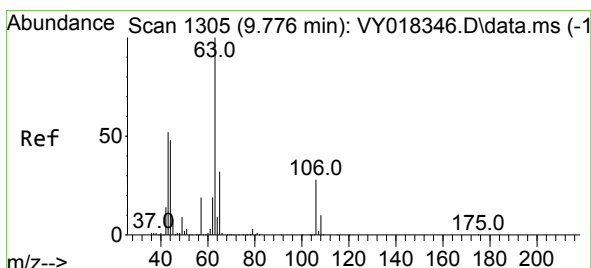
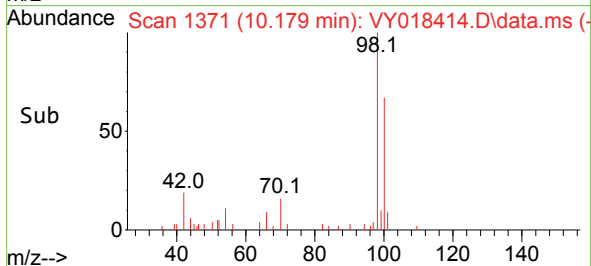
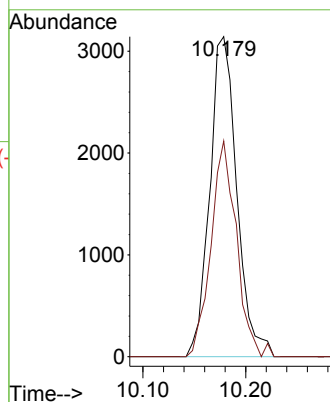


Tgt Ion: 98 Resp: 5751

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#58

2-Chloroethyl Vinyl ether

Concen: 5.058 ug/l

RT: 9.758 min Scan# 1302

Delta R.T. -0.018 min

Lab File: VY018414.D

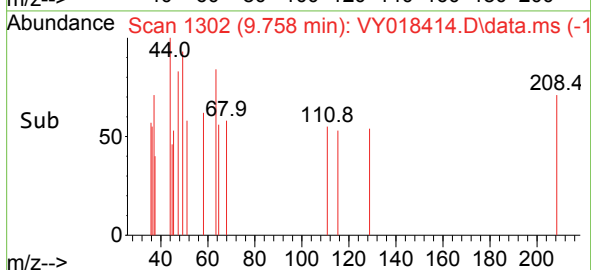
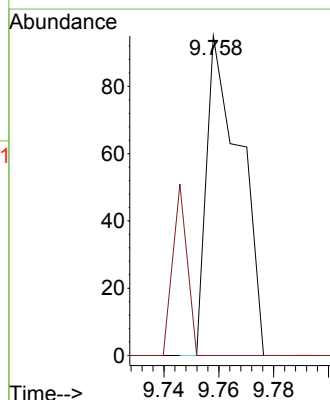
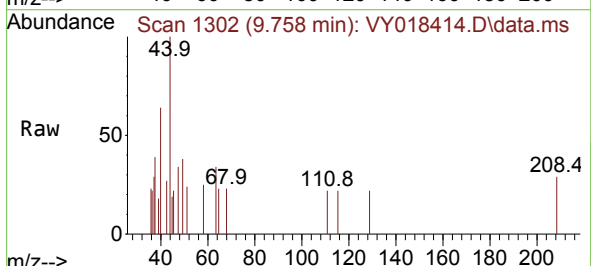
Acq: 30 May 2024 15:52

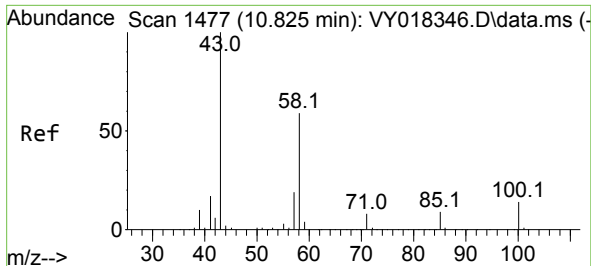
Tgt Ion: 63 Resp: 80

Ion Ratio Lower Upper

63 100

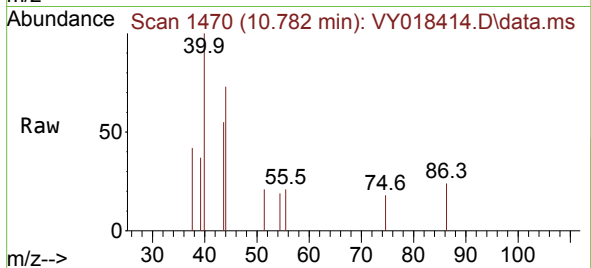
106 23.8 23.7 35.5



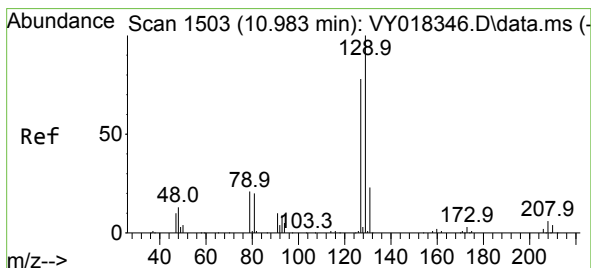
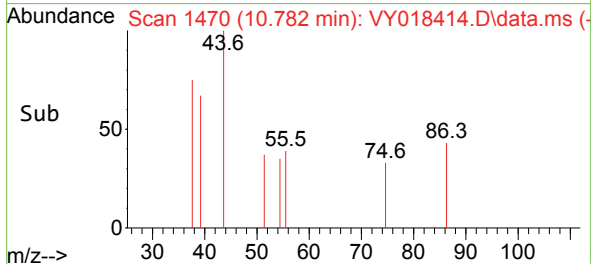
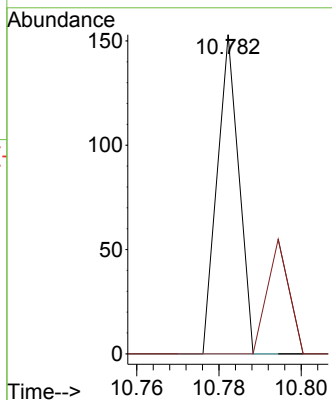


#59
2-Hexanone
Concen: 3.609 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.043 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

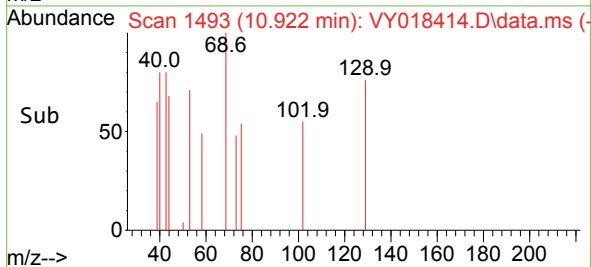
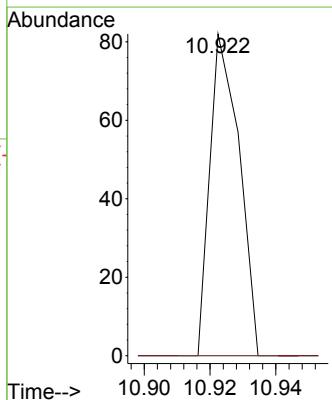
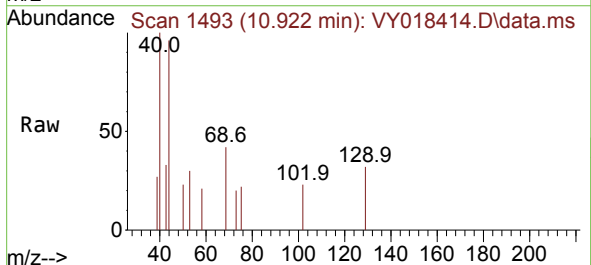


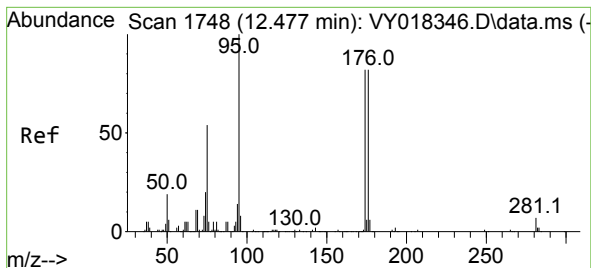
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 35.7 31.4 94.0



#60
Dibromochloromethane
Concen: 1.655 ug/l
RT: 10.922 min Scan# 1493
Delta R.T. -0.061 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion: 129 Resp: 51
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

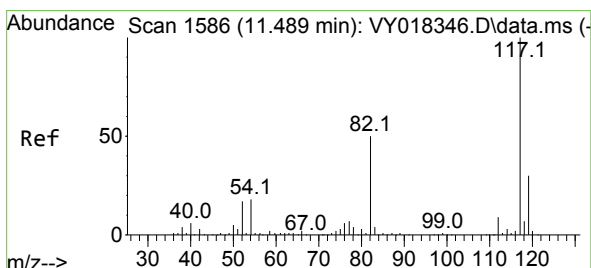
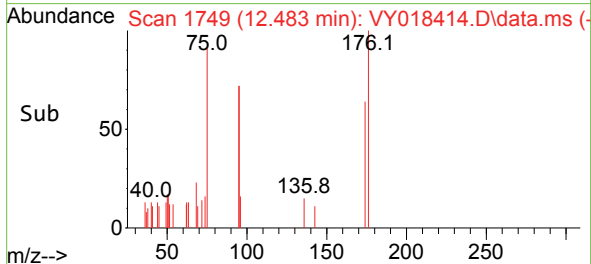
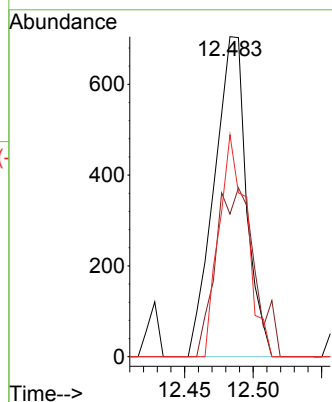
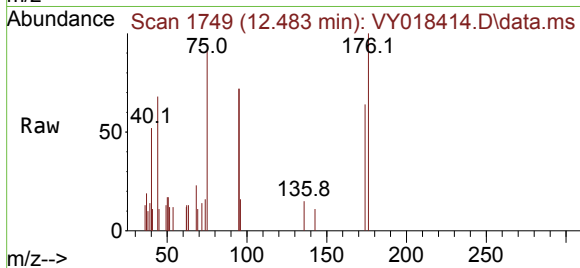




#62
4-Bromofluorobenzene
Concen: 29.067 ug/l
RT: 12.483 min Scan# 1156
Delta R.T. 0.006 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

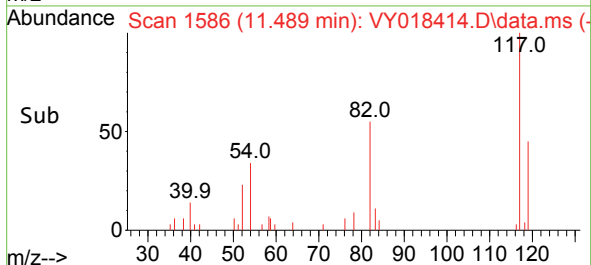
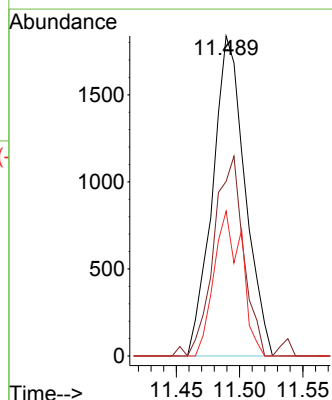
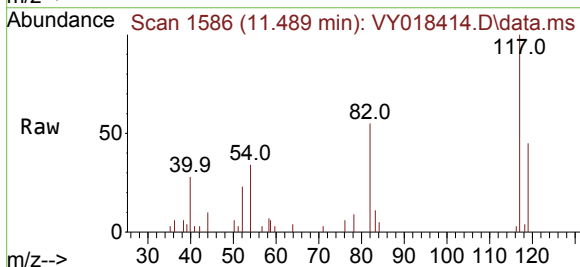
Instrument :
MSVOA_Y
ClientSampleId :

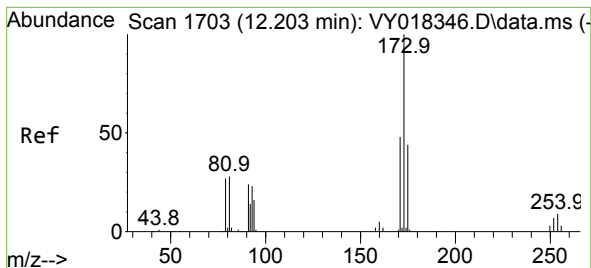
Tgt Ion: 95 Resp: 1156
Ion Ratio Lower Upper
95 100
174 63.8 0.0 175.6
176 59.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion: 117 Resp: 3273
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 45.3 25.9 38.9#





#71

Bromoform

Concen: 1.945 ug/l

RT: 12.184 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

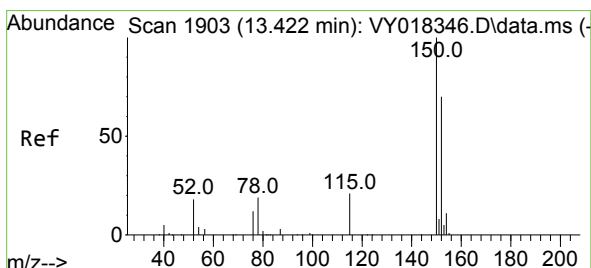
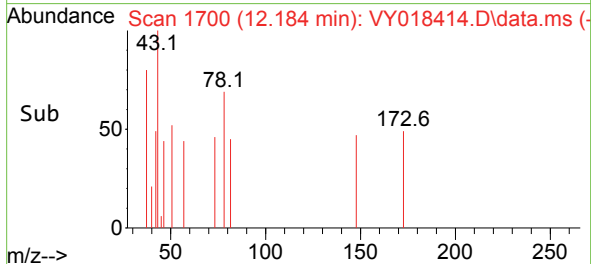
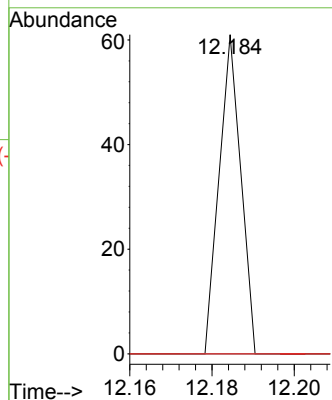
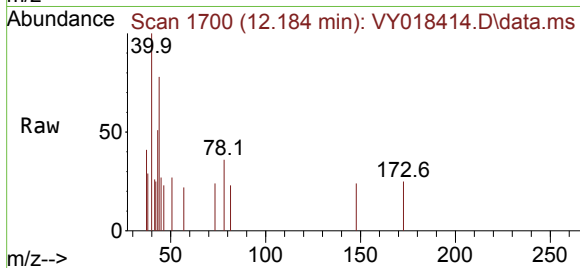
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 22

Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.1	75.3#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

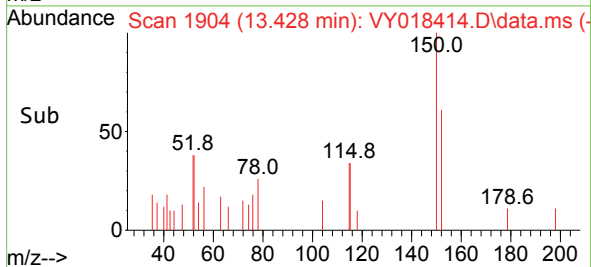
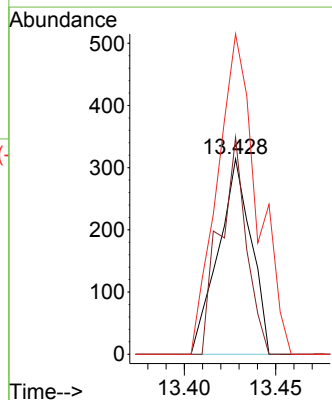
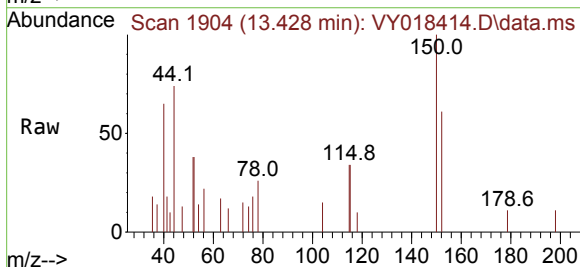
Delta R.T. 0.006 min

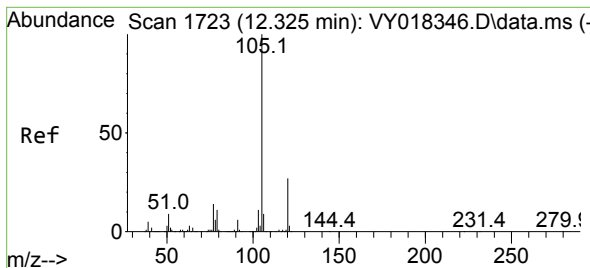
Lab File: VY018414.D

Acq: 30 May 2024 15:52

Tgt Ion:152 Resp: 393

Ion	Ratio	Lower	Upper
152	100		
115	90.1	28.2	84.7#
150	199.2	0.0	345.6





#73

Isopropylbenzene

Concen: 2.817 ug/l

RT: 12.447 min Scan# 11

Delta R.T. 0.122 min

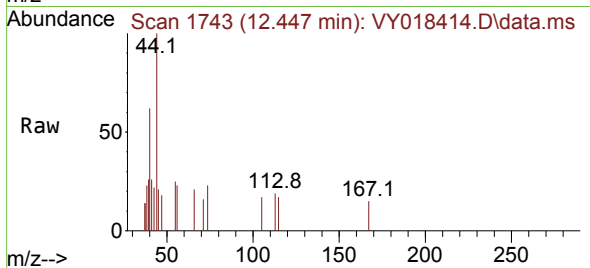
Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

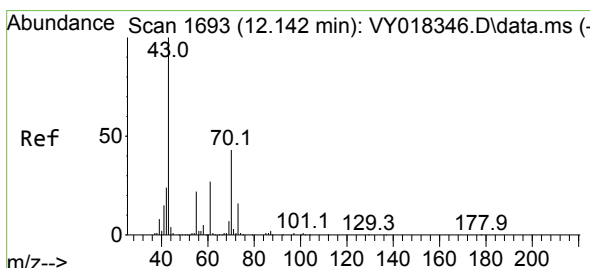
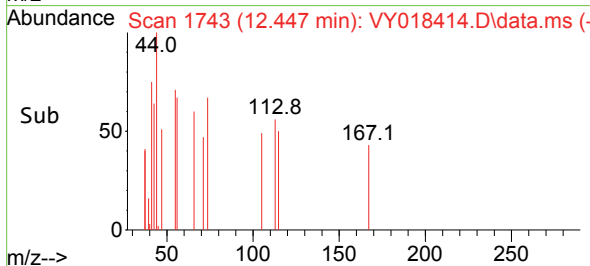
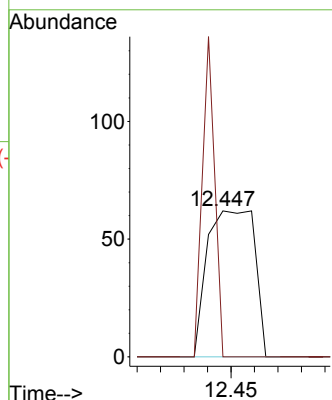


Tgt Ion:105 Resp: 87

Ion Ratio Lower Upper

105 100

120 57.5 13.4 40.1#



#74

N-ethyl acetate

Concen: 12.627 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

Tgt Ion: 43 Resp: 91

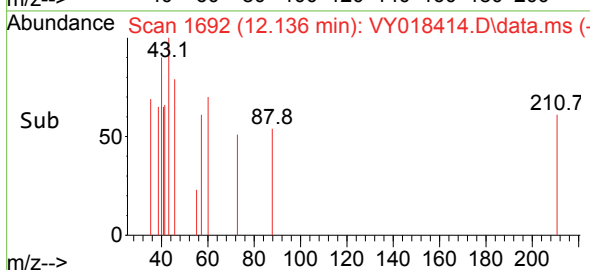
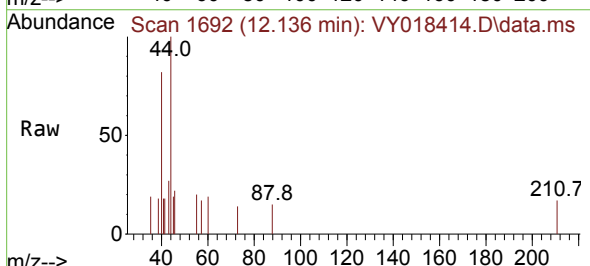
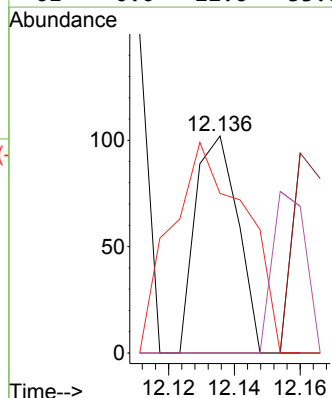
Ion Ratio Lower Upper

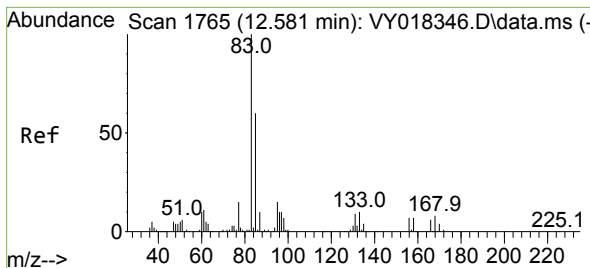
43 100

70 0.0 41.4 62.2#

55 169.2 23.3 34.9#

61 0.0 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.560 ug/l

RT: 12.538 min Scan# 1758

Delta R.T. -0.043 min

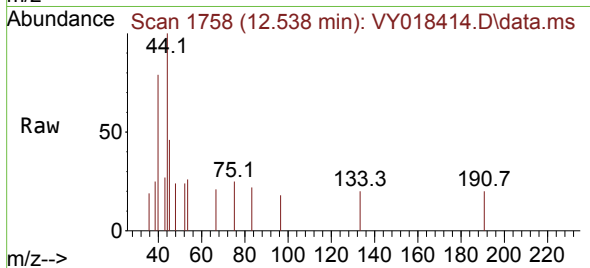
Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :



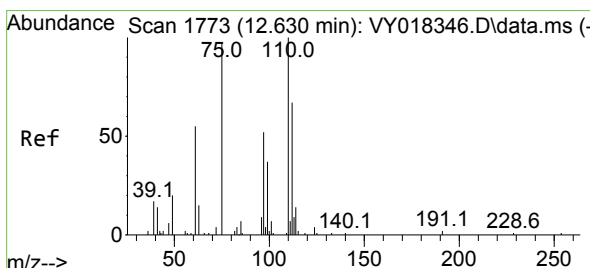
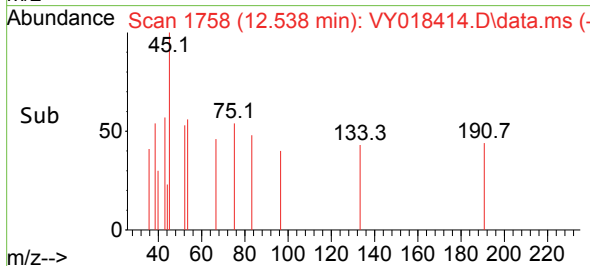
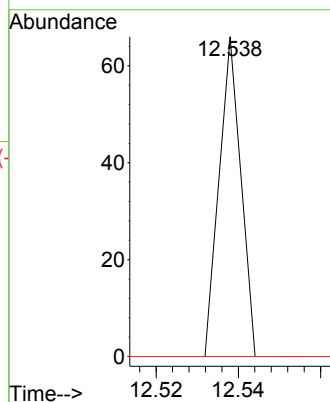
Tgt Ion: 83 Resp: 24

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: 18.968 ug/l

RT: 12.562 min Scan# 1762

Delta R.T. -0.067 min

Lab File: VY018414.D

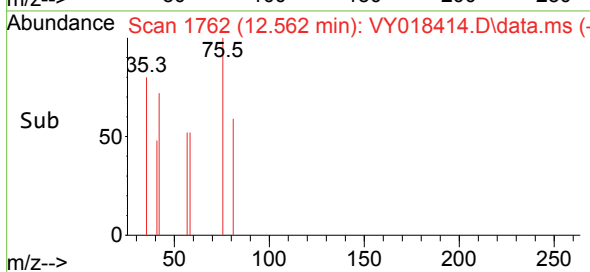
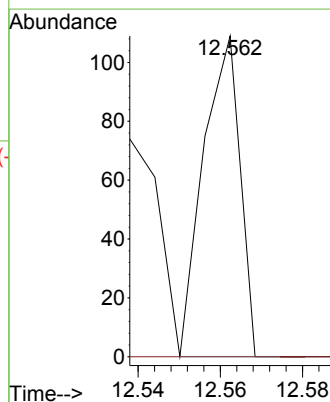
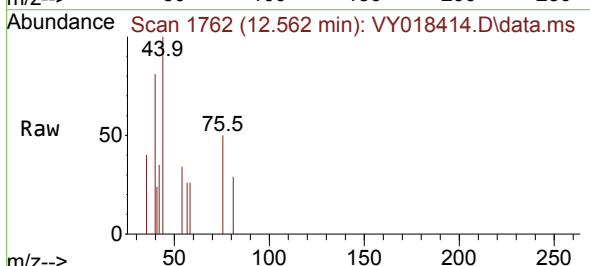
Acq: 30 May 2024 15:52

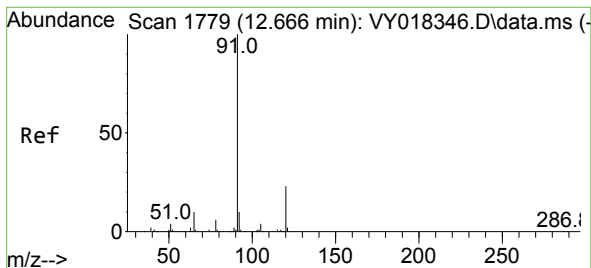
Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 1.541 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.091 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

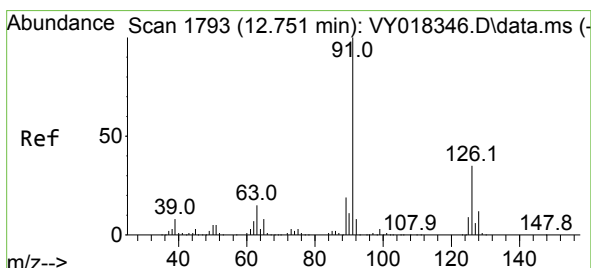
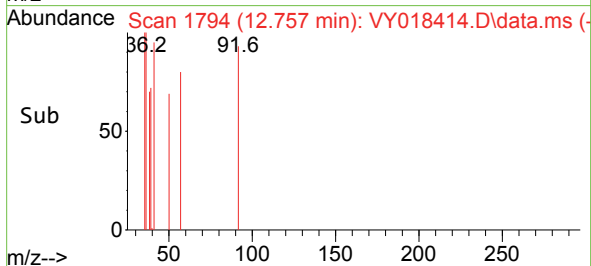
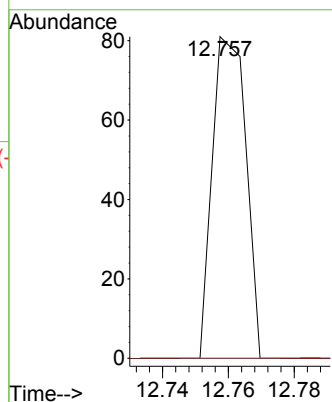
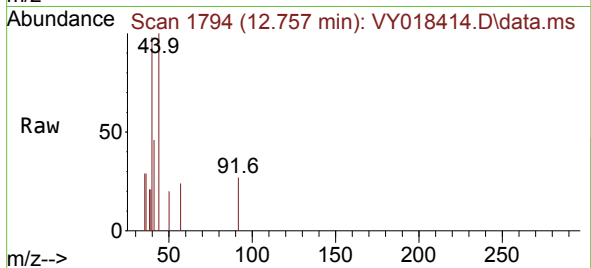
ClientSampleId :

Tgt Ion: 91 Resp: 57

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#79

2-Chlorotoluene

Concen: 2.847 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY018414.D

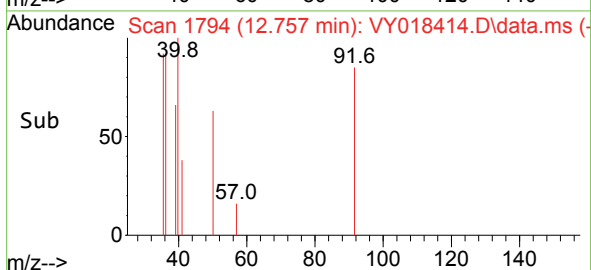
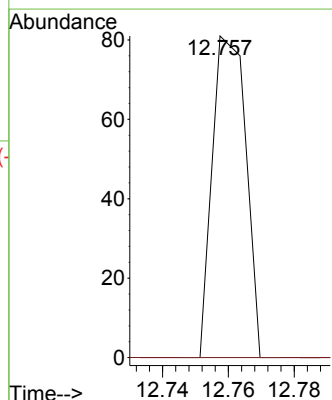
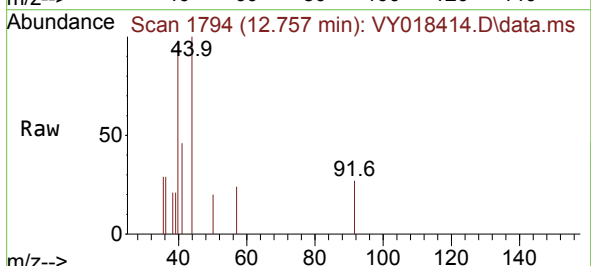
Acq: 30 May 2024 15:52

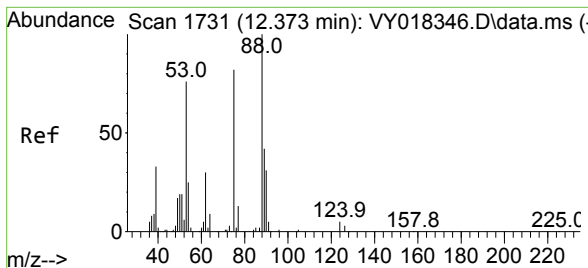
Tgt Ion: 91 Resp: 57

Ion Ratio Lower Upper

91 100

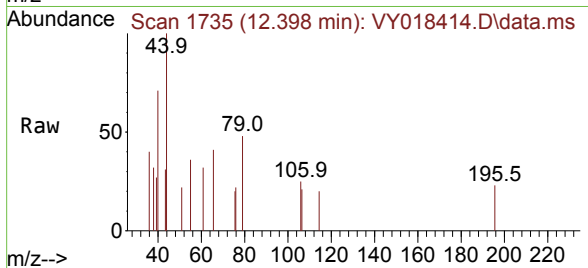
126 0.0 17.8 53.5#



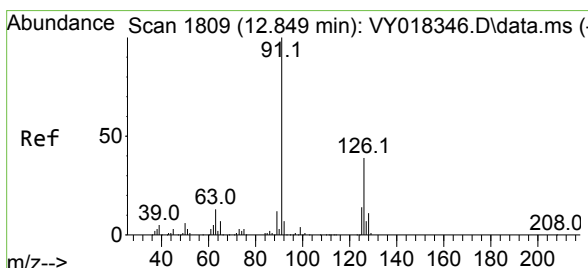
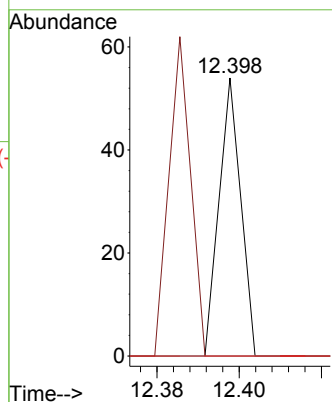
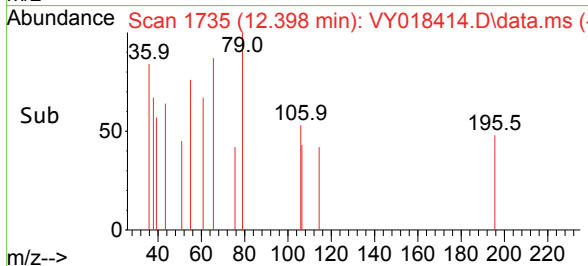


#81
trans-1,4-Dichloro-2-butene
Concen: 11.650 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

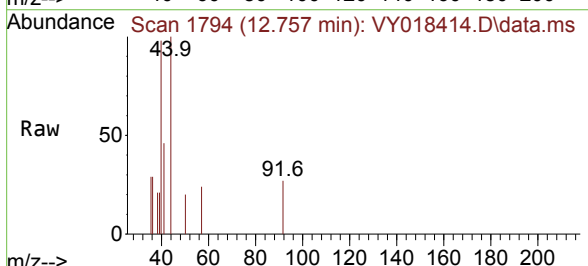
Instrument :
MSVOA_Y
ClientSampleId :



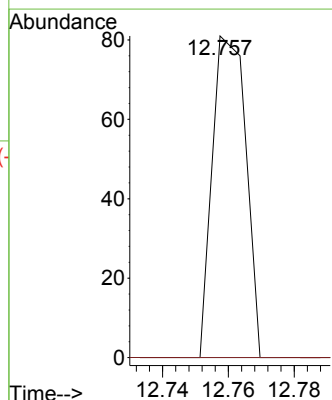
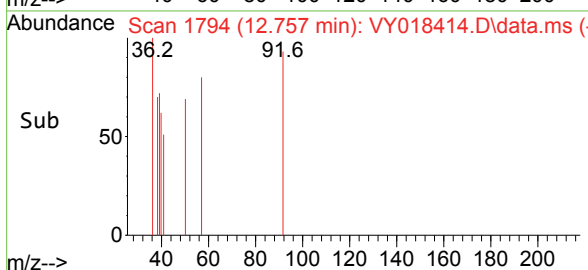
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
53 115.0 66.8 100.2#
89 0.0 35.8 53.6#

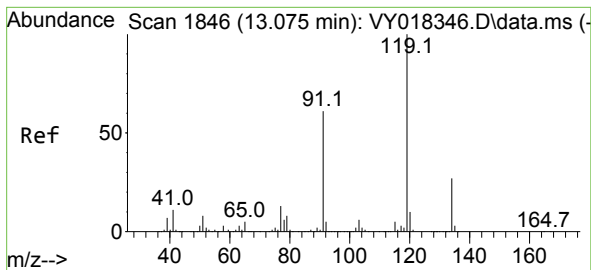


#82
4-Chlorotoluene
Concen: 2.808 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.092 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52



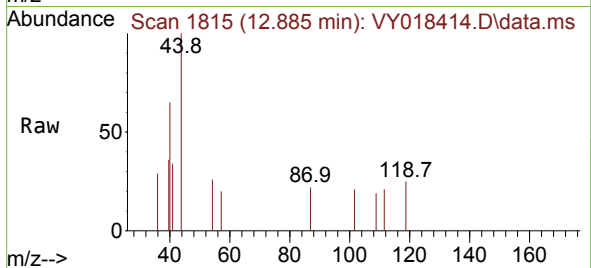
Tgt Ion: 91 Resp: 57
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



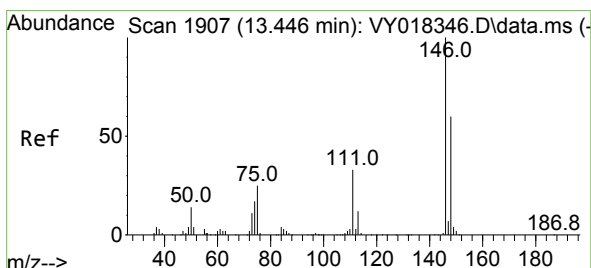
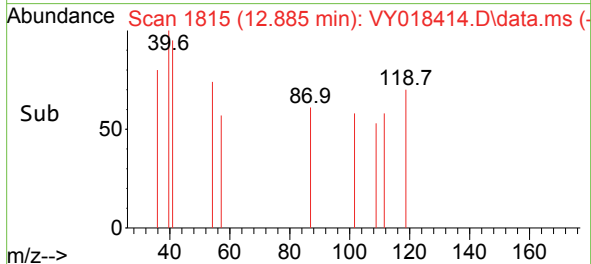
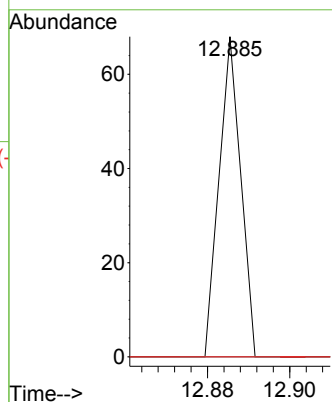


#83
tert-Butylbenzene
Concen: 1.114 ug/l
RT: 12.885 min Scan# 119
Delta R.T. -0.189 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

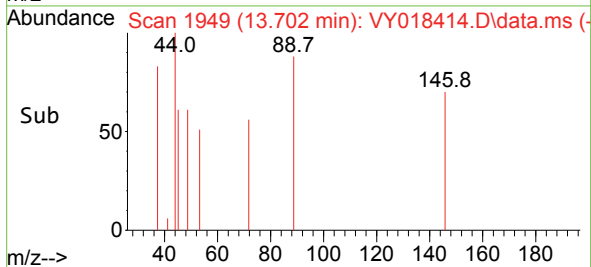
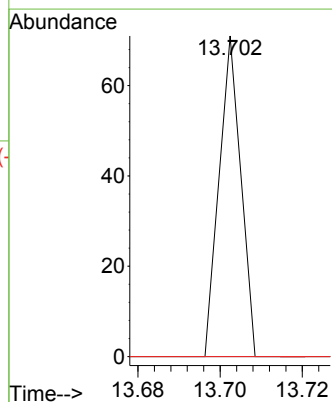
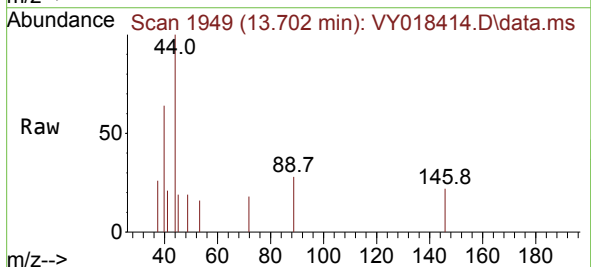


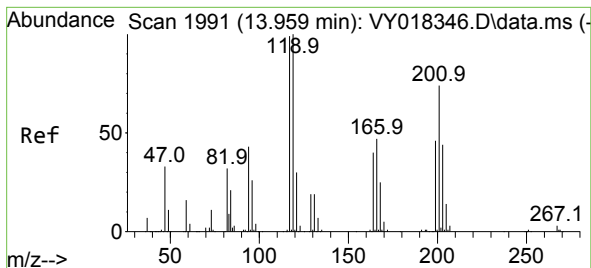
Tgt Ion:119 Resp: 25
Ion Ratio Lower Upper
119 100
91 0.0 31.3 93.8#
134 0.0 13.4 40.1#



#88
1,4-Dichlorobenzene
Concen: 1.961 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.256 min
Lab File: VY018414.D
Acq: 30 May 2024 15:52

Tgt Ion:146 Resp: 26
Ion Ratio Lower Upper
146 100
111 0.0 18.4 55.4#
148 0.0 32.4 97.2#





#90

Hexachloroethane

Concen: 3.791 ug/l

RT: 14.050 min Scan# 20

Delta R.T. 0.091 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

Instrument :

MSVOA_Y

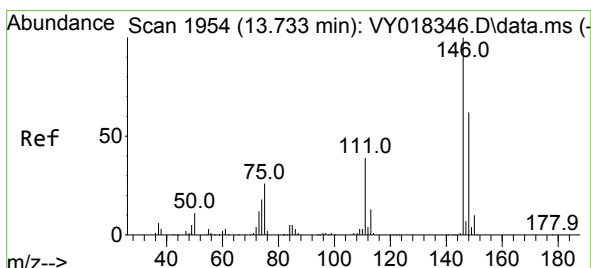
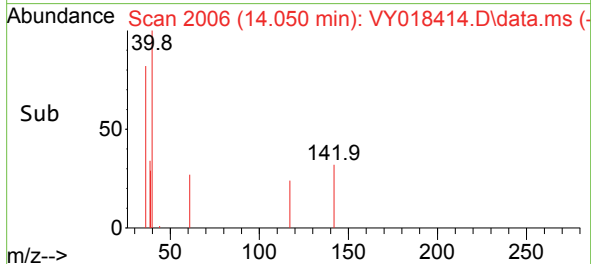
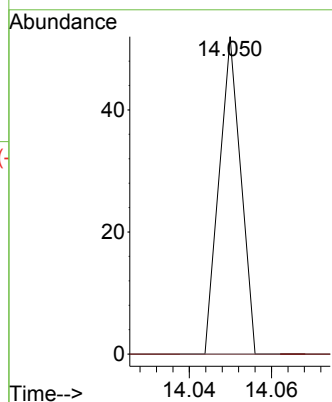
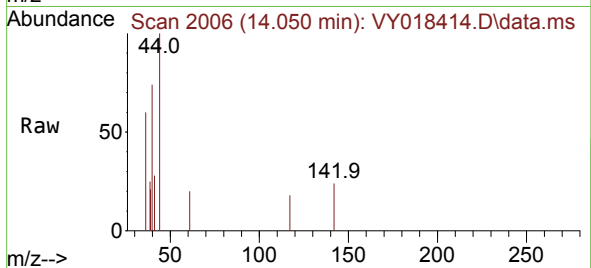
ClientSampleId :

Tgt Ion:117 Resp: 19

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#91

1,2-Dichlorobenzene

Concen: 2.249 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.031 min

Lab File: VY018414.D

Acq: 30 May 2024 15:52

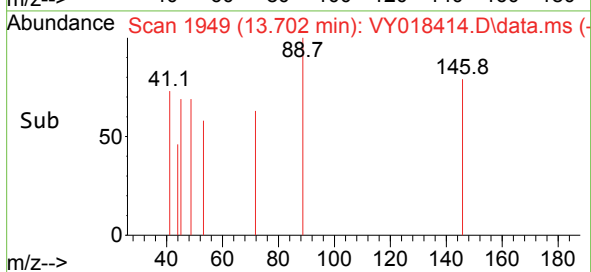
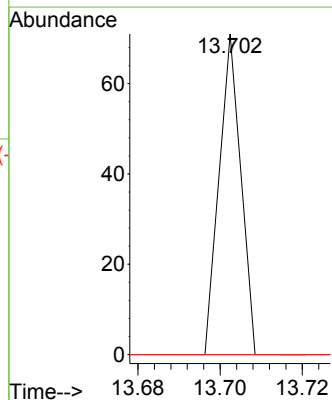
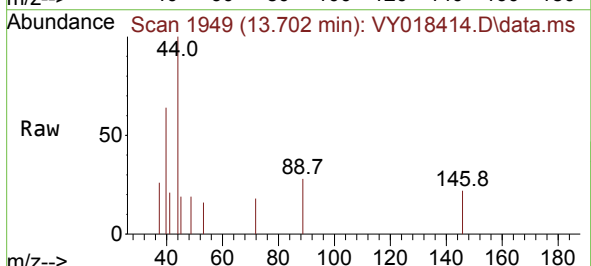
Tgt Ion:146 Resp: 26

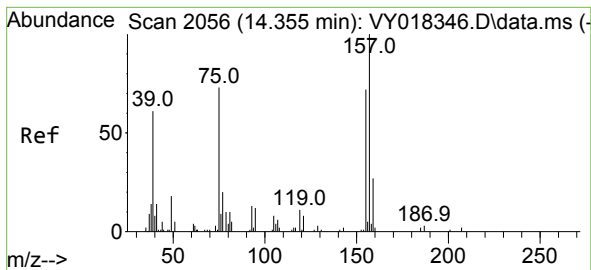
Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.7#

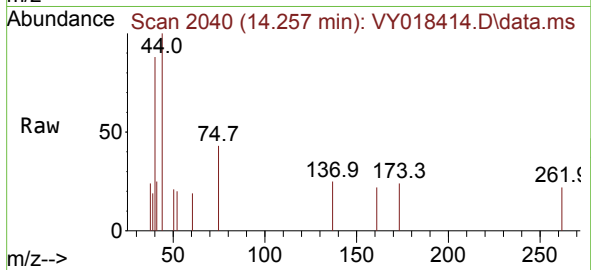
148 0.0 31.8 95.4#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 84.499 ug/l
 RT: 14.257 min Scan# 2056
 Delta R.T. -0.098 min
 Lab File: VY018414.D
 Acq: 30 May 2024 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61
 Ion Ratio Lower Upper
 75 100
 155 36.1 48.6 145.8#
 157 0.0 62.7 188.2#

