

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018397.D
 Acq On : 29 May 2024 14:16
 Operator : SY/MD
 Sample : P2610-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 04:04:02 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	7.783	168	4562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2605	60.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.540%	
35) Dibromofluoromethane	7.722	113	2422	53.398	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.185	98	7697	43.525	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.060%	
62) 4-Bromofluorobenzene	12.483	95	1499	27.433	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 54.860%	

Target Compounds						Qvalue
3) Chloromethane	2.113	50	309	4.883	ug/l #	43
4) Vinyl Chloride	2.223	62	112	1.582	ug/l #	42
5) Bromomethane	2.662	94	427	8.437	ug/l #	59
8) Diethyl Ether	3.680	74	61	2.405	ug/l	68
10) Methyl Iodide	4.100	142	495	10.043	ug/l #	67
11) Tert butyl alcohol	4.832	59	28	Below Cal	#	1
13) Acrolein	3.698	56	46	Below Cal	#	15
15) Acrylonitrile	5.125	53	58	5.286	ug/l #	69
16) Acetone	3.930	43	235	26.436	ug/l #	36
18) Methyl Acetate	4.497	43	56	2.377	ug/l #	46
20) Methylene Chloride	4.710	84	228	Below Cal	#	33
24) 1,1-Dichloroethane	6.070	63	92	1.071	ug/l #	80
25) 2-Butanone	6.966	43	46	3.265	ug/l #	41
29) Tetrahydrofuran	7.380	42	100	10.785	ug/l #	26
31) Cyclohexane	7.777	56	100	Below Cal	#	52
37) Ethyl Acetate	7.075	43	94	2.987	ug/l #	67
41) Methacrylonitrile	7.295	41	27	1.719	ug/l #	16
42) 1,2-Dichloroethane	8.264	62	50	1.037	ug/l #	71
43) Isopropyl Acetate	8.307	43	75	1.222	ug/l #	47
47) Bromodichloromethane	9.301	83	100	1.557	ug/l #	26
48) Methyl methacrylate	9.295	41	41	1.476	ug/l #	1
49) 1,4-Dioxane	9.313	88	70	203.870	ug/l #	59
51) 4-Methyl-2-Pentanone	9.910	43	117	3.776	ug/l	87
53) t-1,3-Dichloropropene	10.325	75	60	1.022	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.776	63	38	1.749	ug/l #	45
59) 2-Hexanone	10.800	43	90	4.221	ug/l	84
61) 1,2-Dibromoethane	11.191	107	34	1.051	ug/l #	2
74) N-amyl acetate	12.196	43	48	2.842	ug/l #	25
75) 1,1,2,2-Tetrachloroethane	12.678	83	25	2.027	ug/l #	26
76) 1,2,3-Trichloropropane	12.599	75	79	9.544	ug/l #	100
79) 2-Chlorotoluene	12.782	91	95	2.024	ug/l	76
81) trans-1,4-Dichloro-2-b...	12.483	75	990	246.072	ug/l #	17
82) 4-Chlorotoluene	12.782	91	95	1.997	ug/l	76
87) 1,3-Dichlorobenzene	13.379	146	108	3.459	ug/l #	25
89) n-Butylbenzene	13.721	91	67	1.121	ug/l #	33
90) Hexachloroethane	13.940	117	20	1.703	ug/l #	12

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
Data File : VY018397.D
Acq On : 29 May 2024 14:16
Operator : SY/MD
Sample : P2610-03
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 30 04:04:02 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

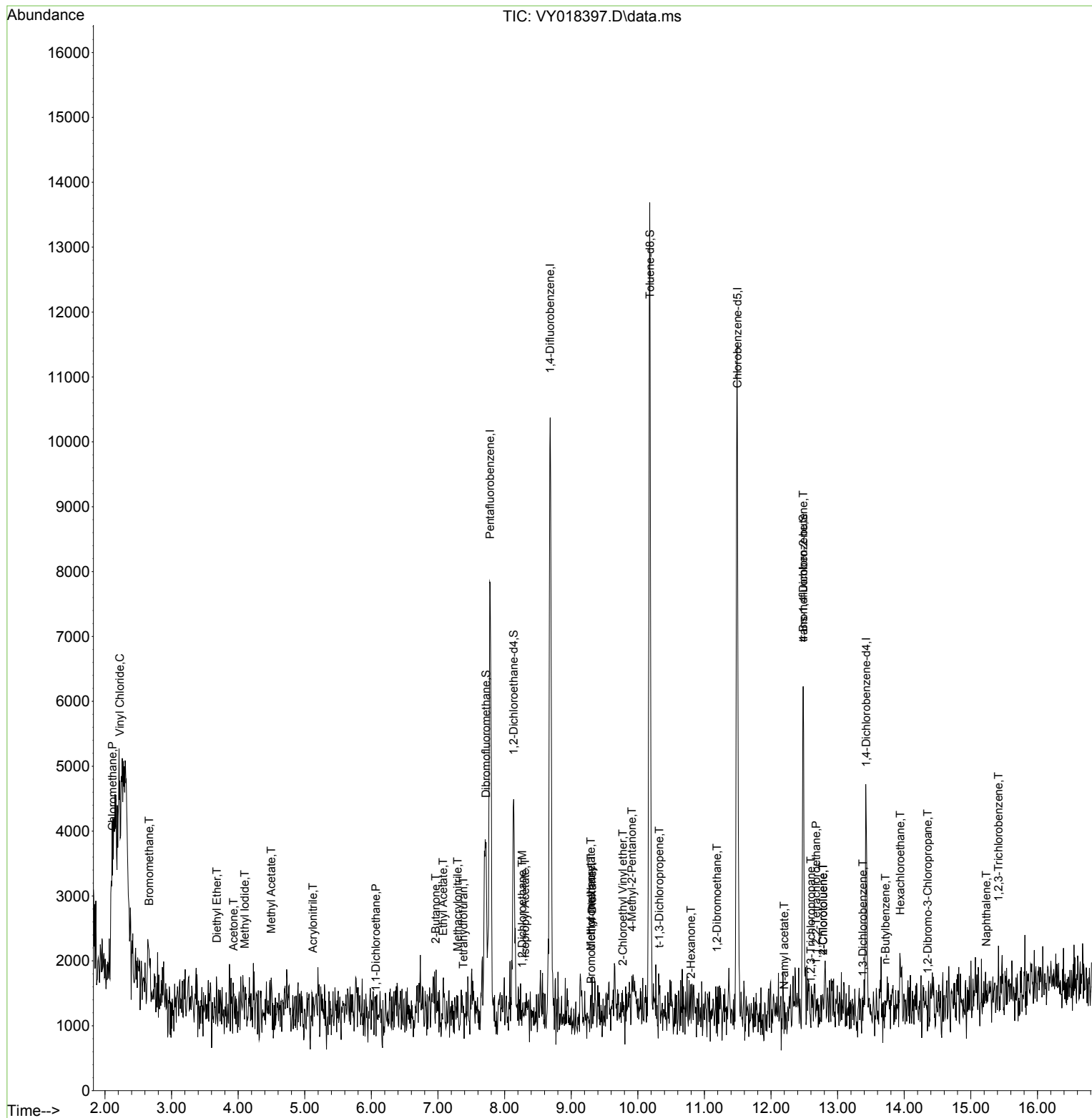
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23	13.595	ug/l #	1
95) Naphthalene	15.233	128	87	2.867	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.415	180	23	1.753	ug/l #	12

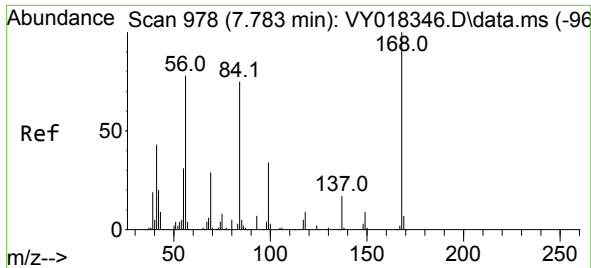
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
Data File : VY018397.D
Acq On : 29 May 2024 14:16
Operator : SY/MD
Sample : P2610-03
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 30 04:04:02 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

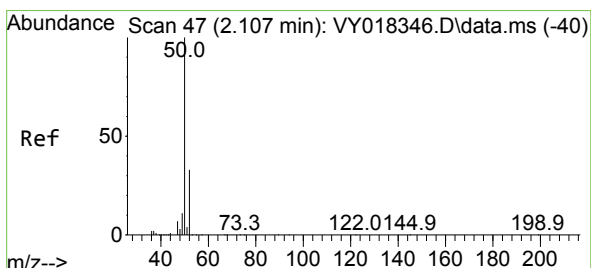
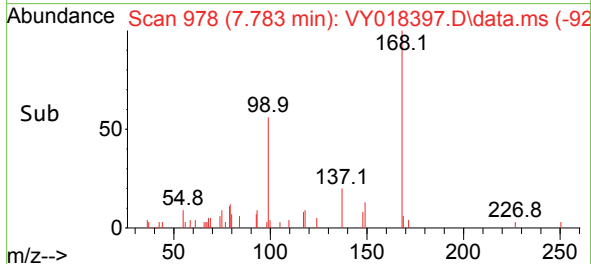
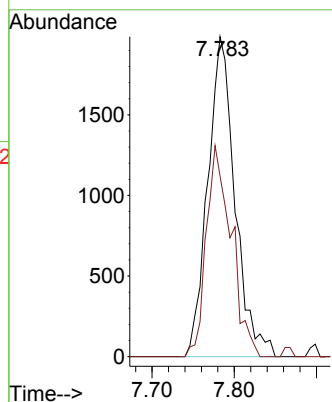
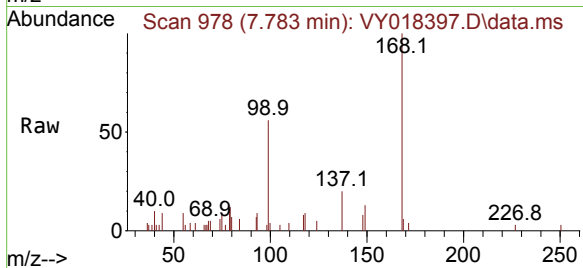




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

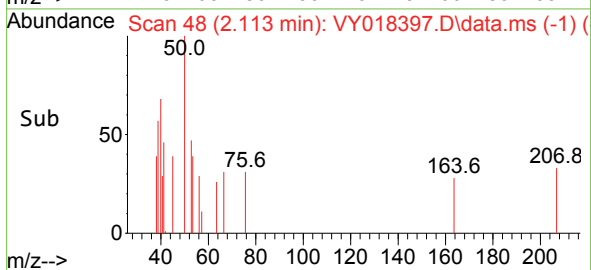
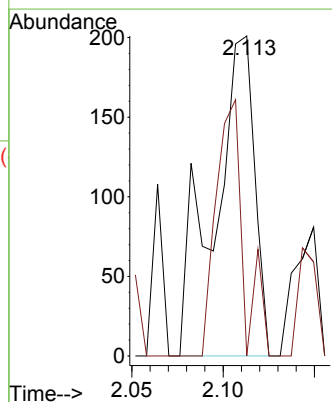
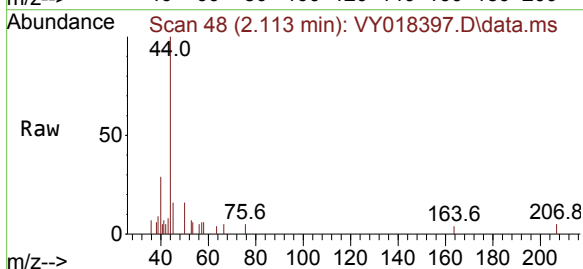
Instrument :
MSVOA_Y
ClientSampleId :

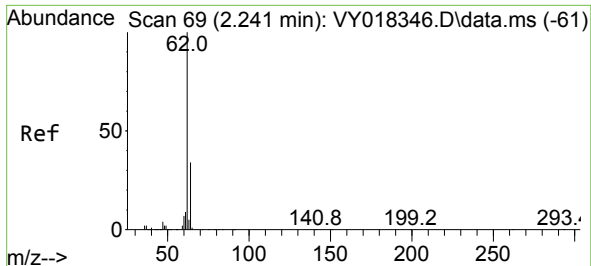
Tgt Ion:168 Resp: 4562
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#3
Chloromethane
Concen: 4.883 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 50 Resp: 309
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

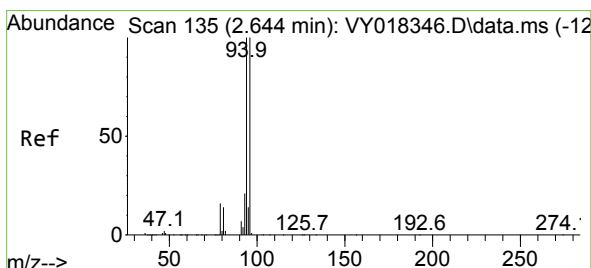
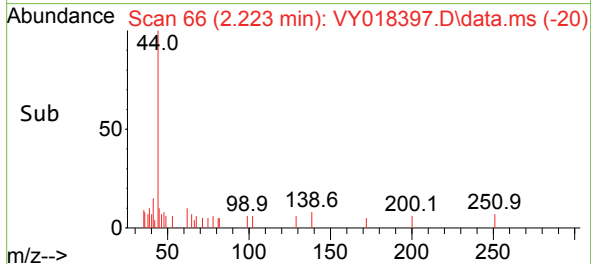
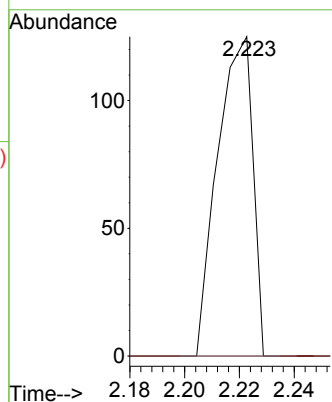
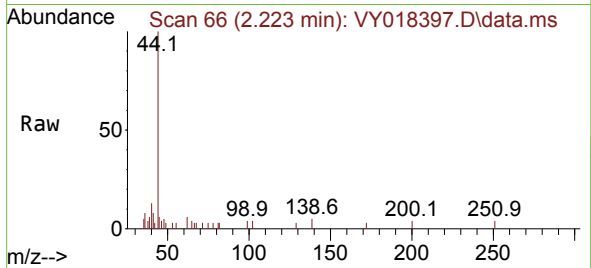




#4
 Vinyl Chloride
 Concen: 1.582 ug/l
 RT: 2.223 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: VY018397.D
 Acq: 29 May 2024 14:16

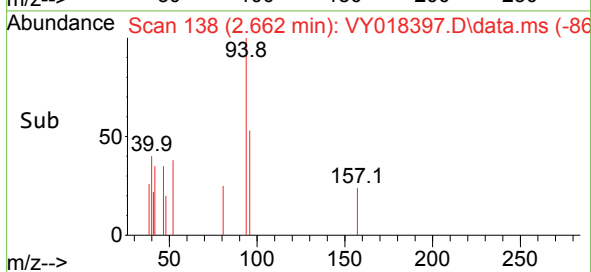
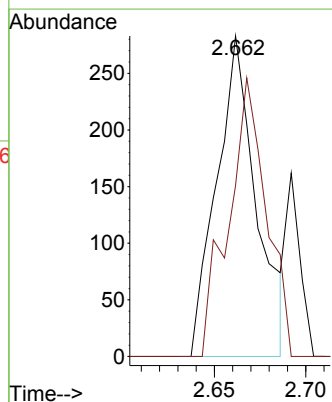
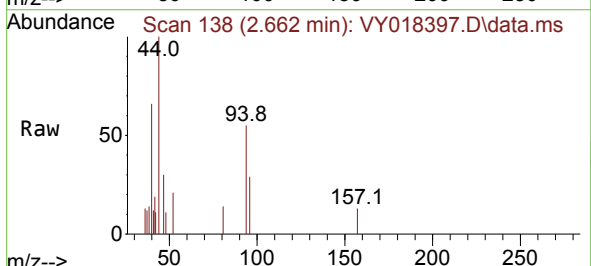
Instrument :
 MSVOA_Y
 ClientSampleId :

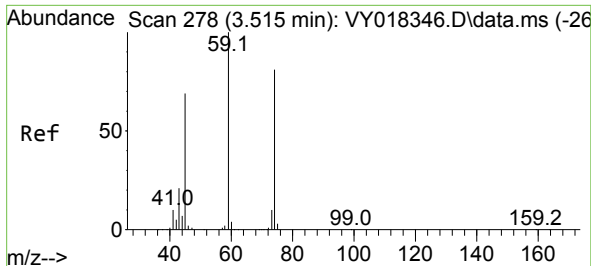
Tgt Ion: 62 Resp: 112
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 8.437 ug/l
 RT: 2.662 min Scan# 138
 Delta R.T. 0.018 min
 Lab File: VY018397.D
 Acq: 29 May 2024 14:16

Tgt Ion: 94 Resp: 427
 Ion Ratio Lower Upper
 94 100
 96 53.4 74.1 111.1#

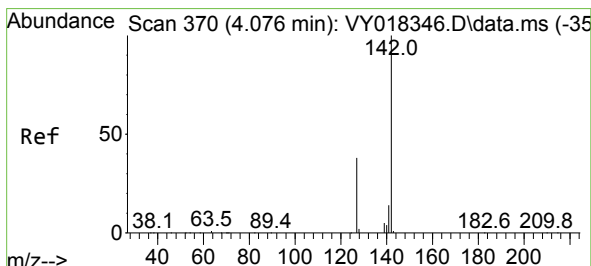
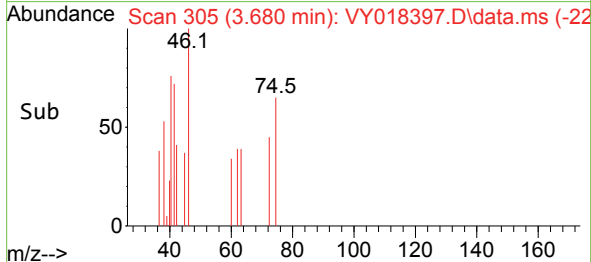
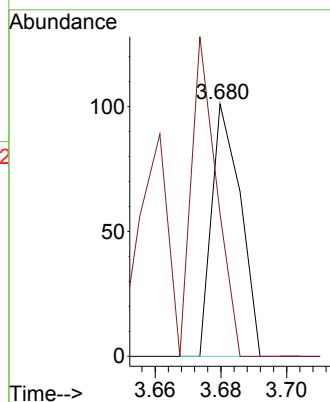
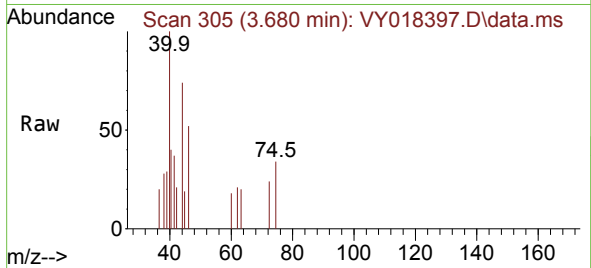




#8
Diethyl Ether
Concen: 2.405 ug/l
RT: 3.680 min Scan# 305
Delta R.T. 0.164 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

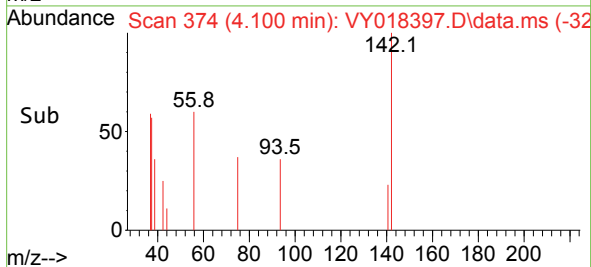
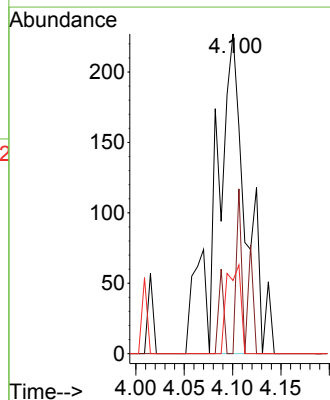
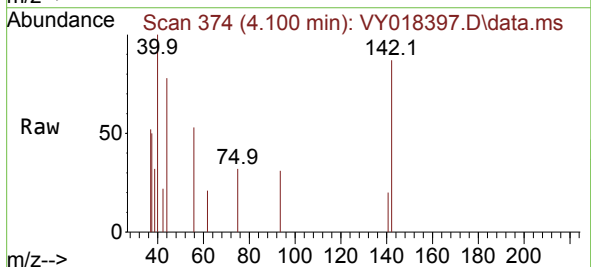
Instrument :
MSVOA_Y
ClientSampleId :

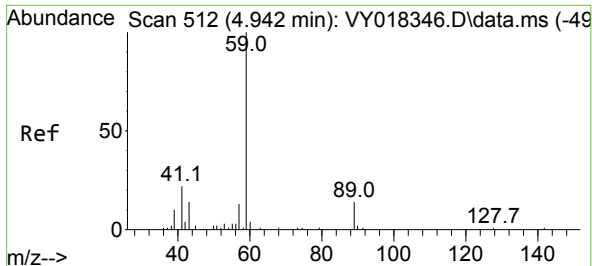
Tgt Ion: 74 Resp: 61
Ion Ratio Lower Upper
74 100
45 111.5 41.3 124.1



#10
Methyl Iodide
Concen: 10.043 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.024 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

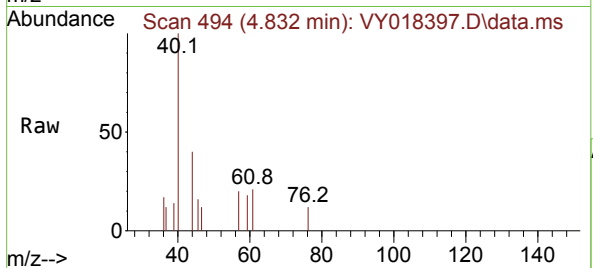
Tgt Ion: 142 Resp: 495
Ion Ratio Lower Upper
142 100
127 14.3 32.8 49.2#
141 12.7 11.4 17.2



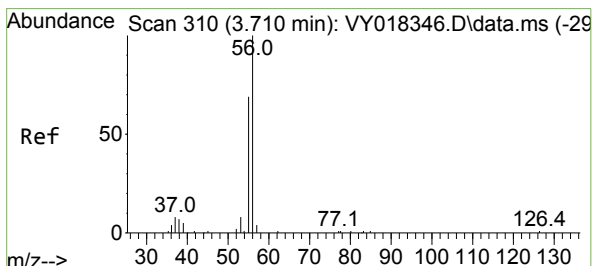
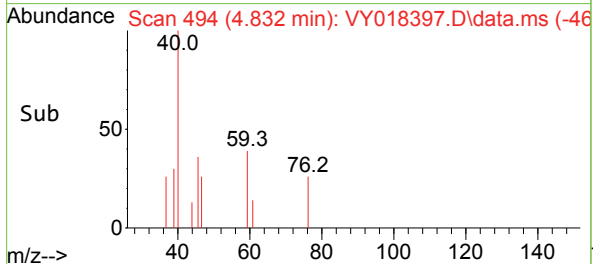
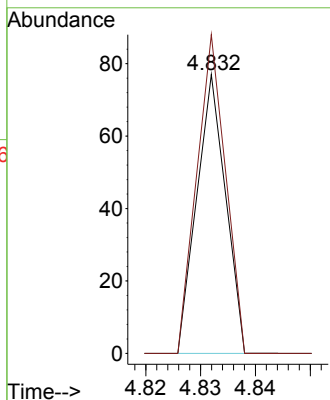


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.832 min Scan# 494
Delta R.T. -0.110 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

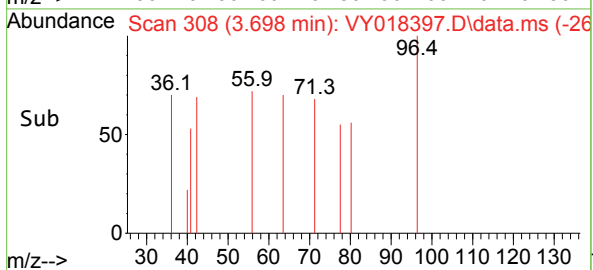
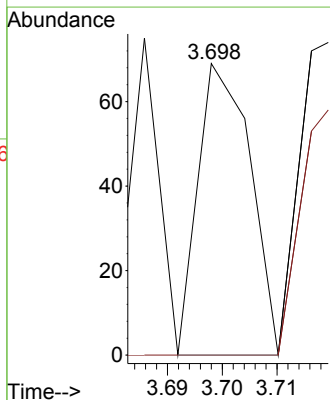
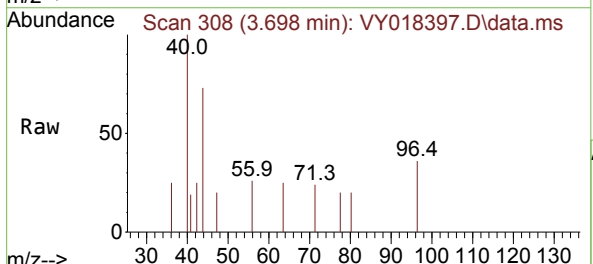


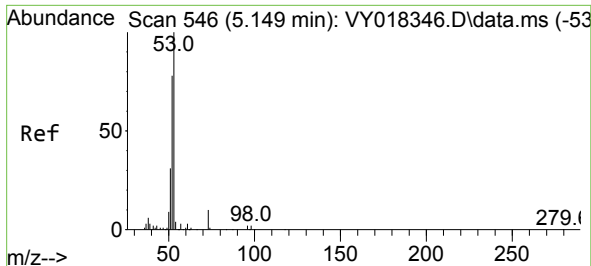
Tgt Ion: 59 Resp: 28
Ion Ratio Lower Upper
59 100
57 114.3 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 308
Delta R.T. -0.012 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

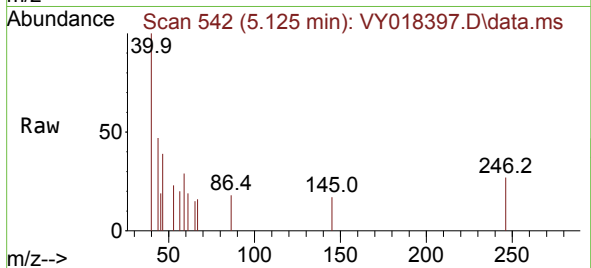
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



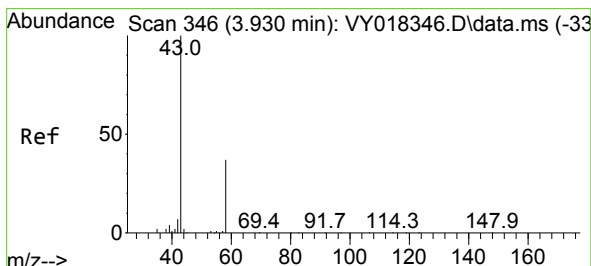
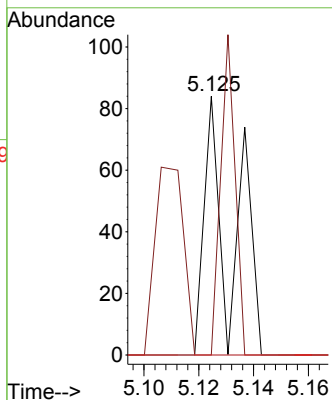
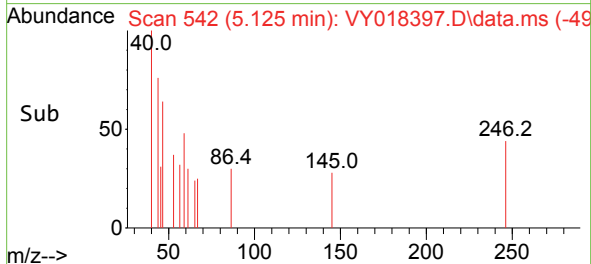


#15
Acrylonitrile
Concen: 5.286 ug/l
RT: 5.125 min Scan# 546
Delta R.T. -0.025 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

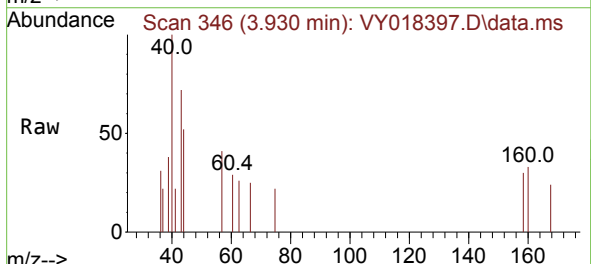
Instrument :
MSVOA_Y
ClientSampleId :



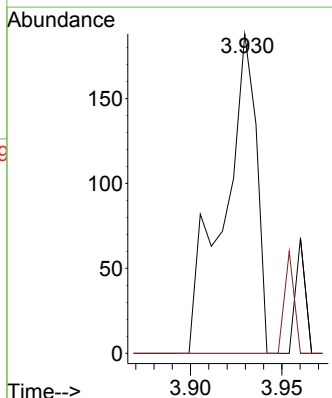
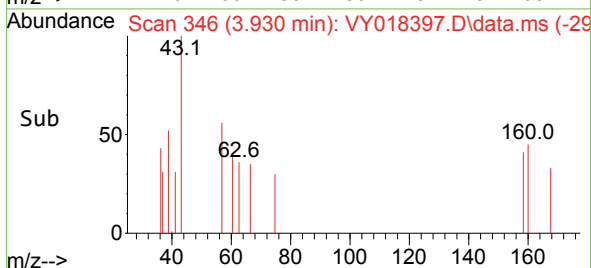
Tgt Ion: 53 Resp: 58
Ion Ratio Lower Upper
53 100
52 65.5 64.7 97.1
51 0.0 28.4 42.6#

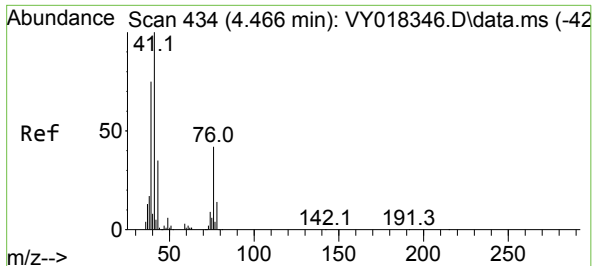


#16
Acetone
Concen: 26.436 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16



Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

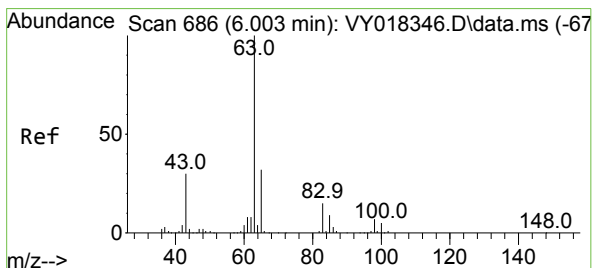
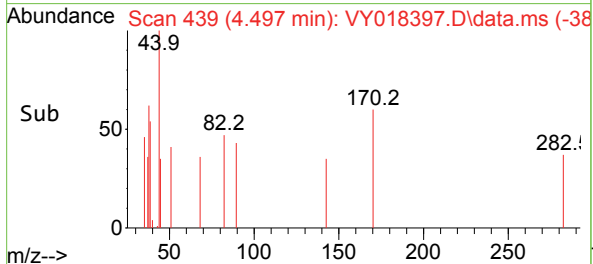
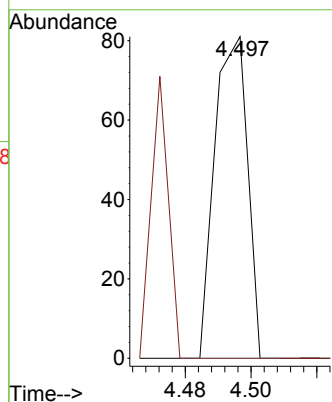
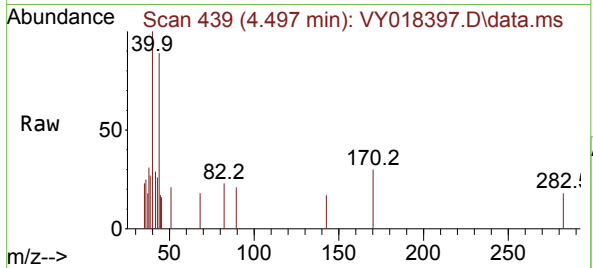




#18
Methyl Acetate
Concen: 2.377 ug/l
RT: 4.497 min Scan# 41
Delta R.T. 0.030 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

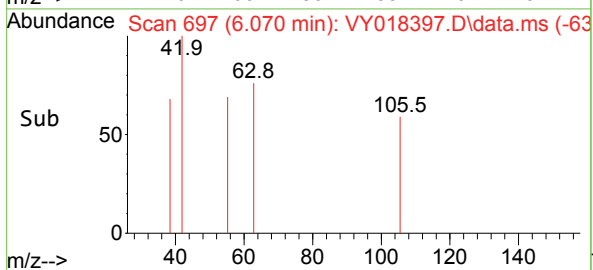
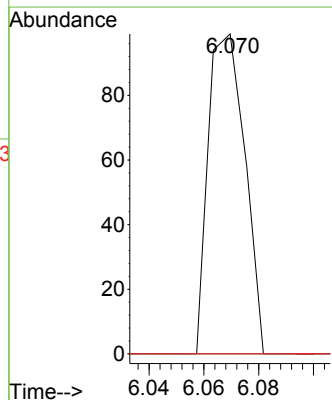
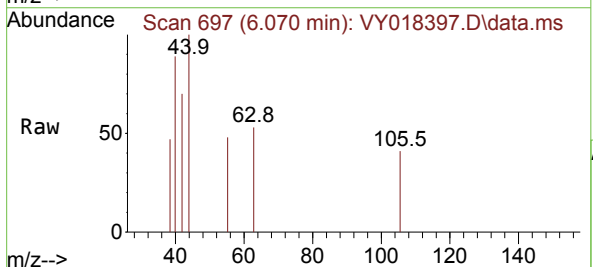
Instrument :
MSVOA_Y
ClientSampleId :

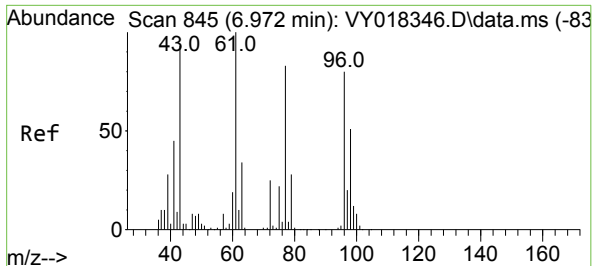
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#24
1,1-Dichloroethane
Concen: 1.071 ug/l
RT: 6.070 min Scan# 697
Delta R.T. 0.067 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 63 Resp: 92
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#





#25

2-Butanone

Concen: 3.265 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.006 min

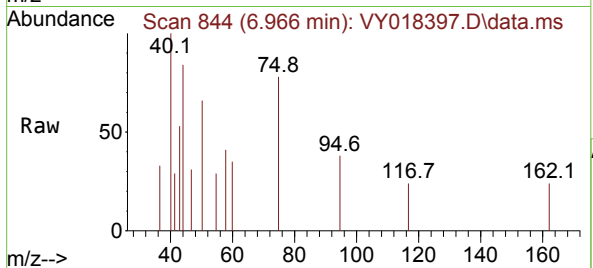
Lab File: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

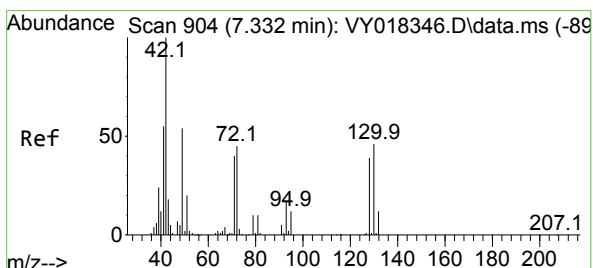
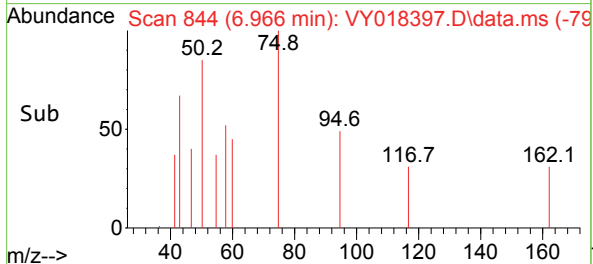
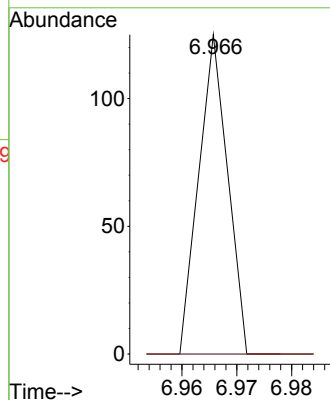


Tgt Ion: 43 Resp: 46

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#29

Tetrahydrofuran

Concen: 10.785 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.049 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

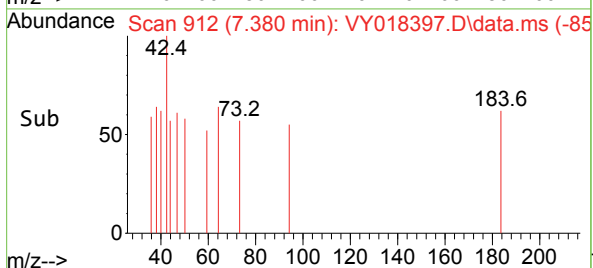
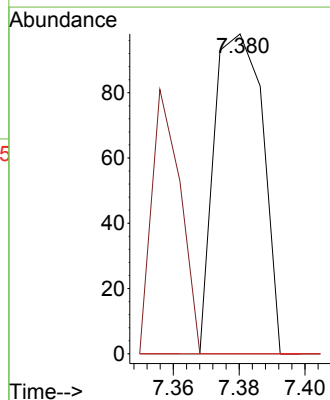
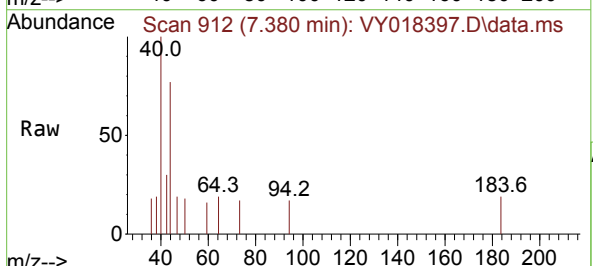
Tgt Ion: 42 Resp: 100

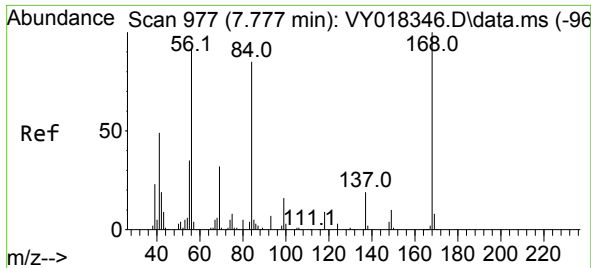
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

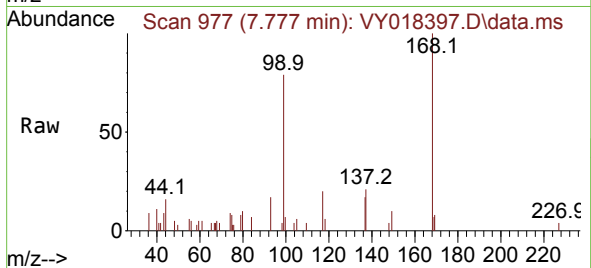
71 0.0 40.8 61.2#



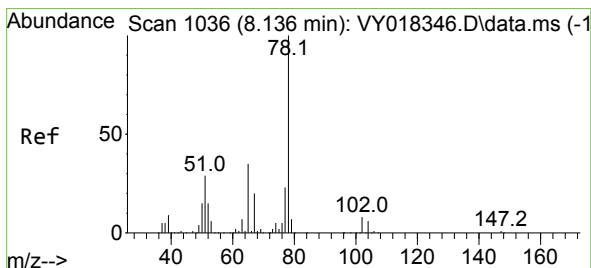
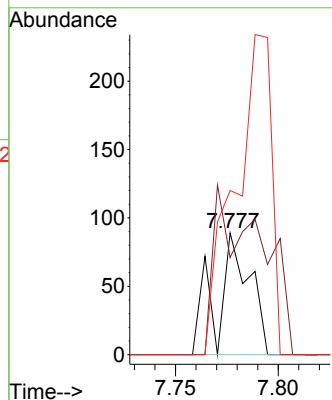
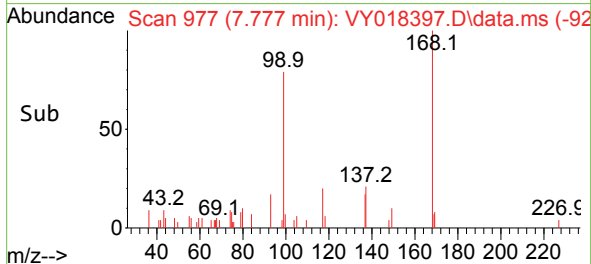


#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

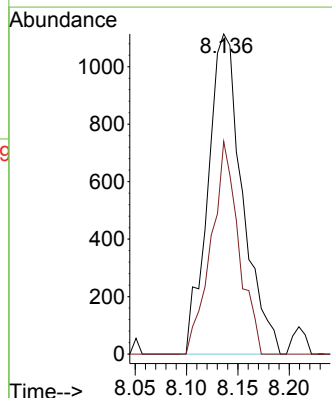
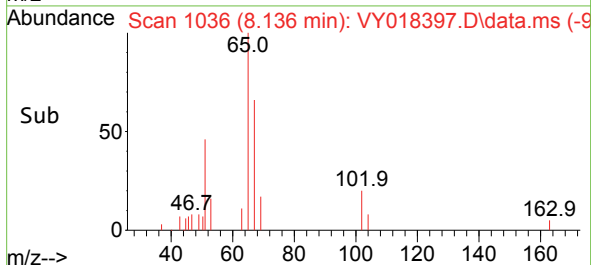
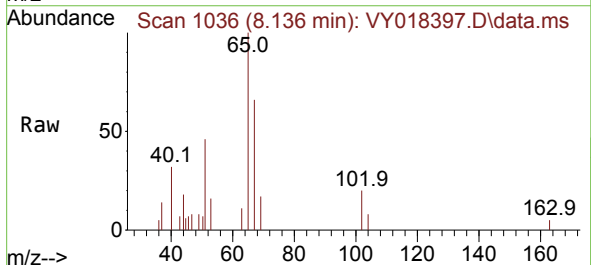


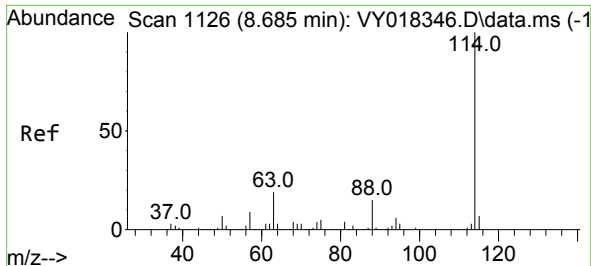
Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
69 79.8 28.7 43.1#
84 134.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 60.271 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 65 Resp: 2605
Ion Ratio Lower Upper
65 100
67 53.1 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: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

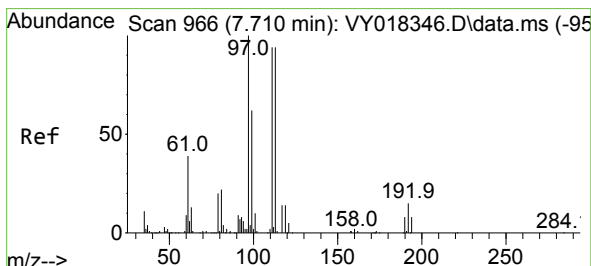
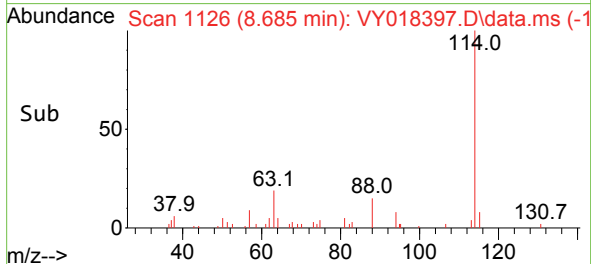
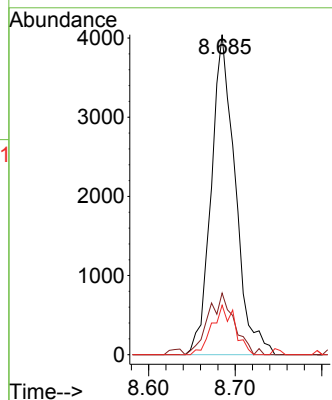
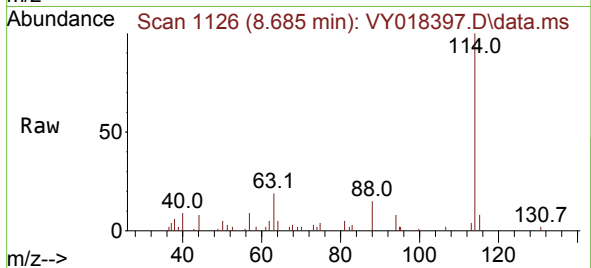
Tgt Ion:114 Resp: 7778

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.398 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

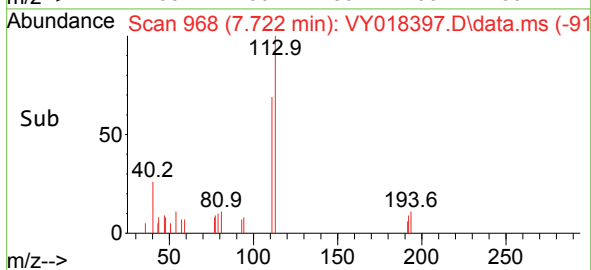
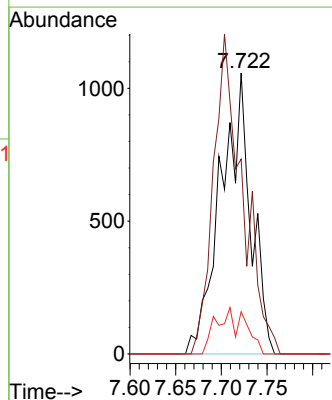
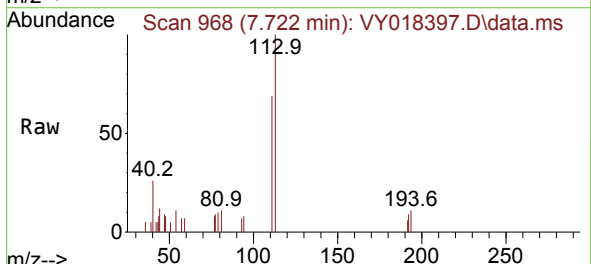
Tgt Ion:113 Resp: 2422

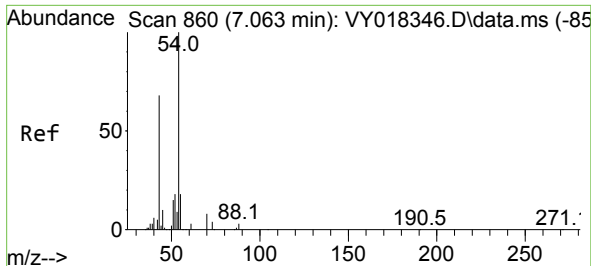
Ion Ratio Lower Upper

113 100

111 109.9 82.2 123.4

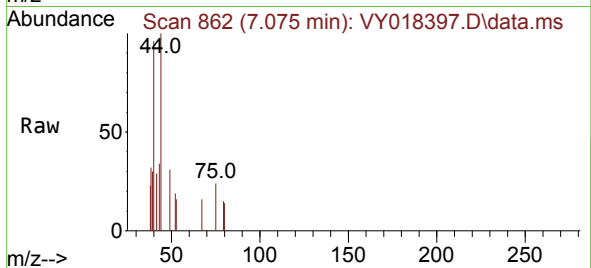
192 9.9 15.9 23.9#



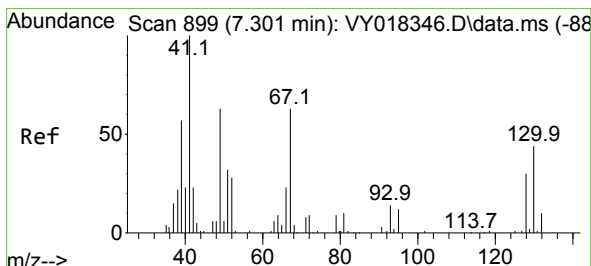
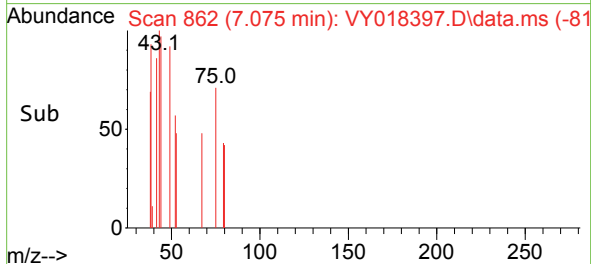
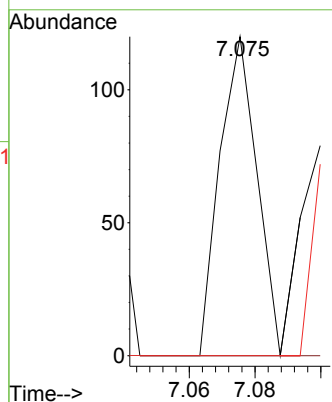


#37
Ethyl Acetate
Concen: 2.987 ug/l
RT: 7.075 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

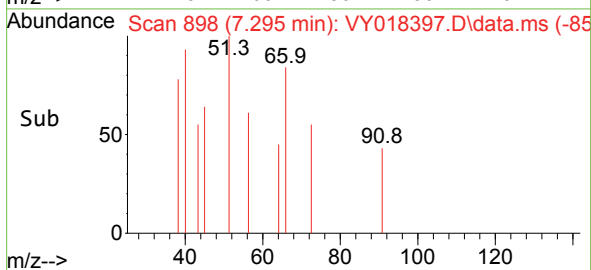
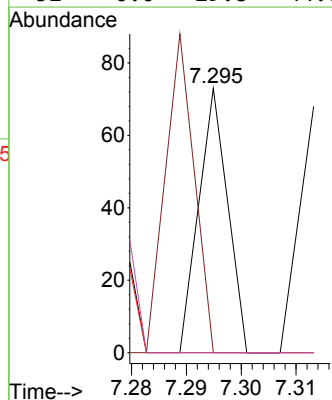
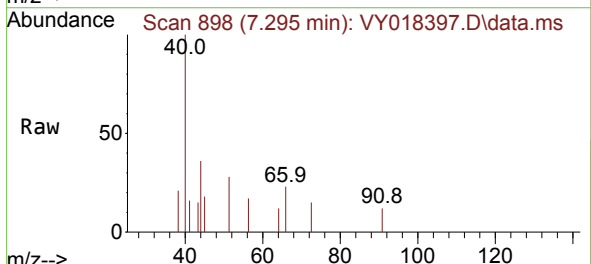


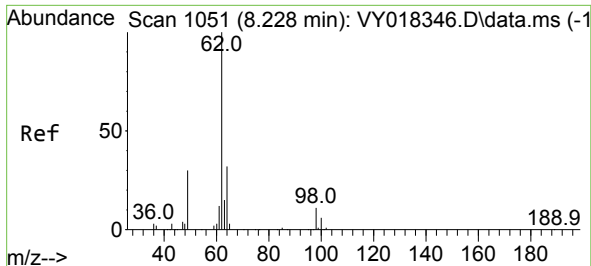
Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



#41
Methacrylonitrile
Concen: 1.719 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.006 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 41 Resp: 27
Ion Ratio Lower Upper
41 100
39 118.5 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 1.037 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. 0.036 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

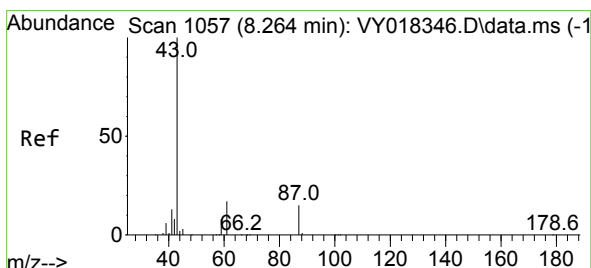
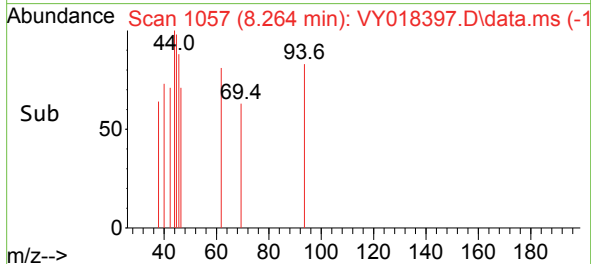
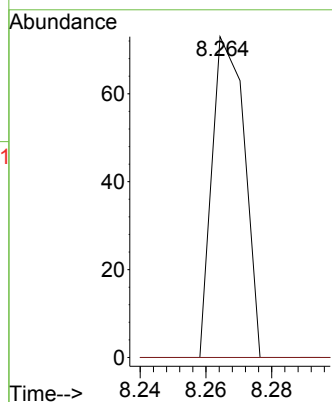
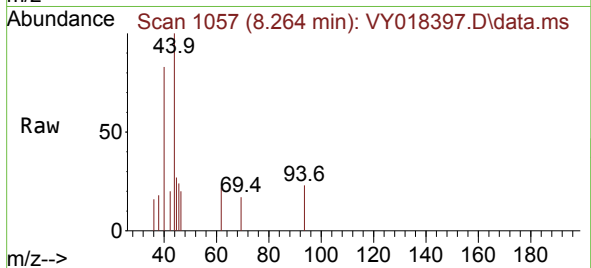
ClientSampleId :

Tgt Ion: 62 Resp: 50

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 1.222 ug/l

RT: 8.307 min Scan# 1064

Delta R.T. 0.043 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

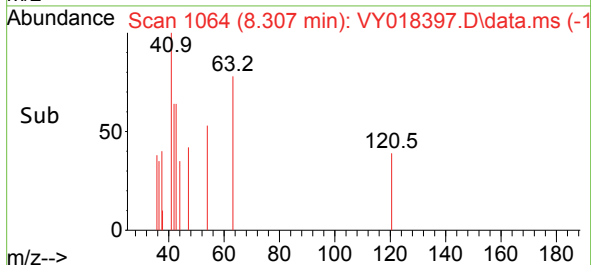
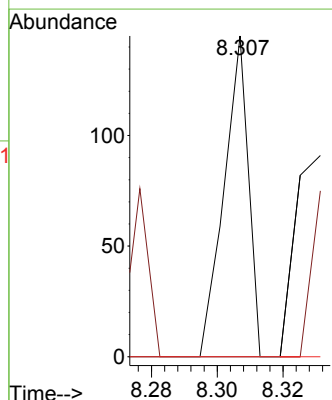
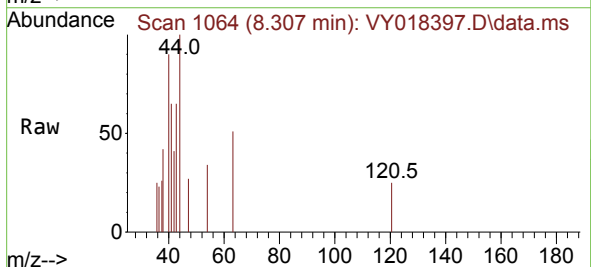
Tgt Ion: 43 Resp: 75

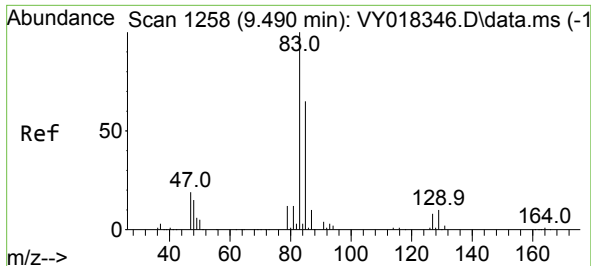
Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#

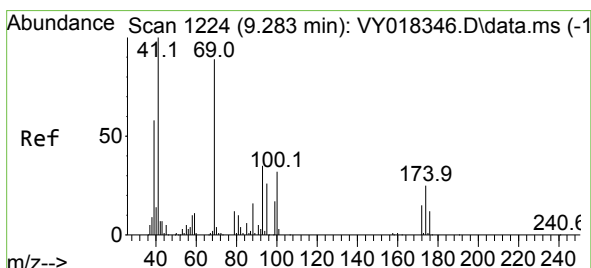
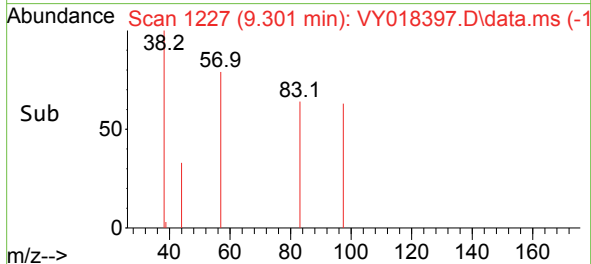
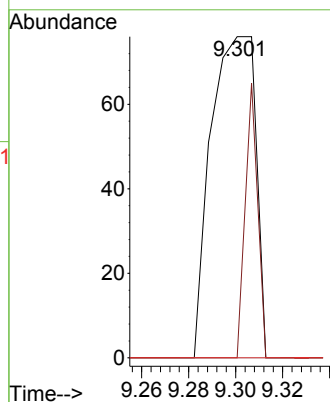
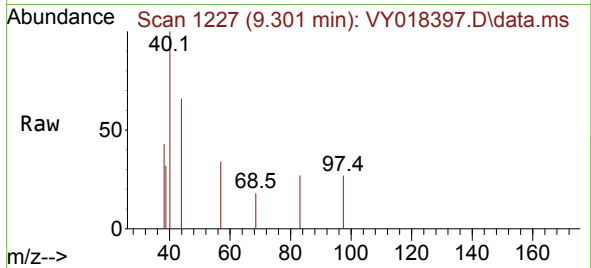




#47
Bromodichloromethane
Concen: 1.557 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.189 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

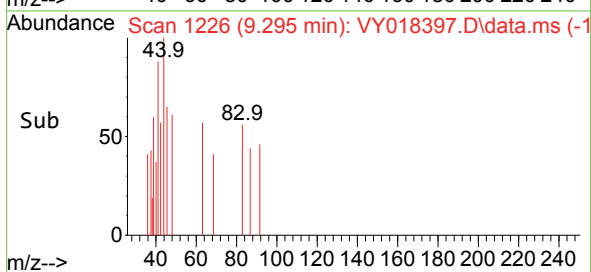
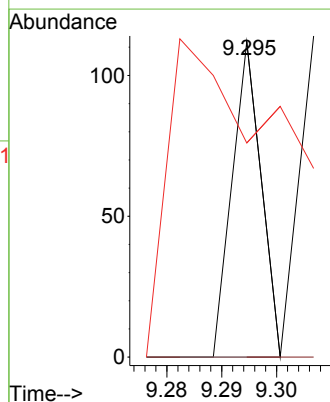
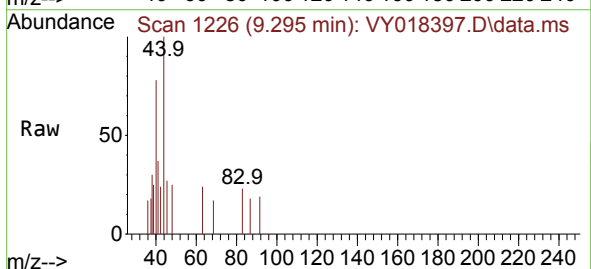
Instrument :
MSVOA_Y
ClientSampleId :

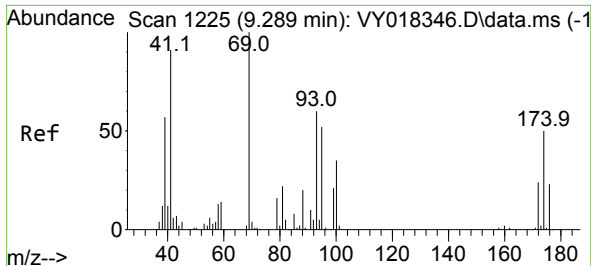
Tgt Ion: 83 Resp: 100
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 1.476 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.012 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 41 Resp: 41
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 258.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 203.870 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

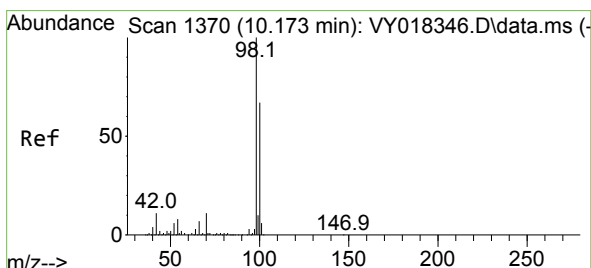
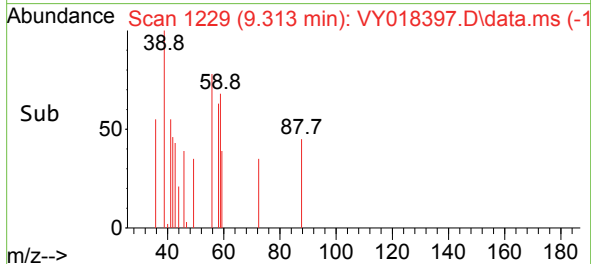
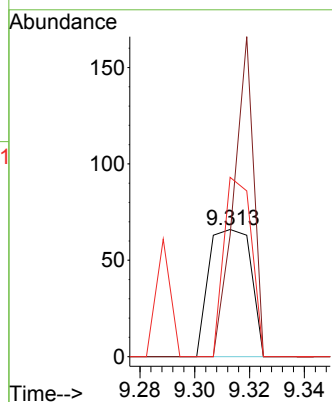
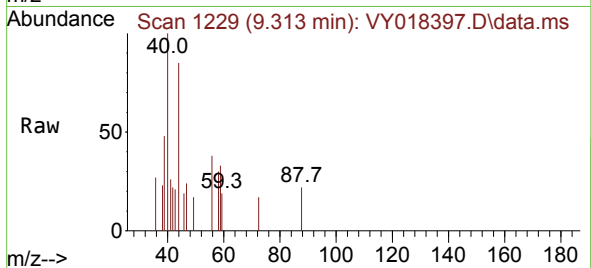
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

43 120.0 0.0 0.0#

58 92.9 49.3 73.9#



#50

Toluene-d8

Concen: 43.525 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.012 min

Lab File: VY018397.D

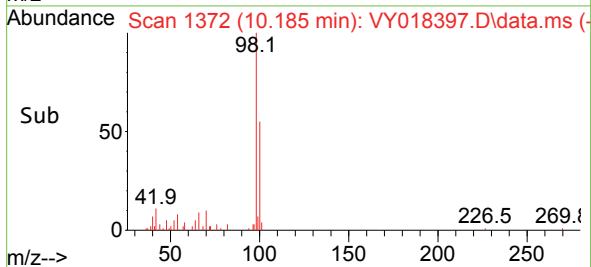
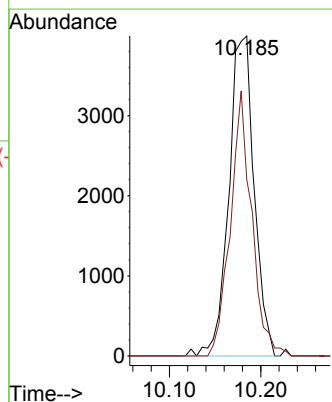
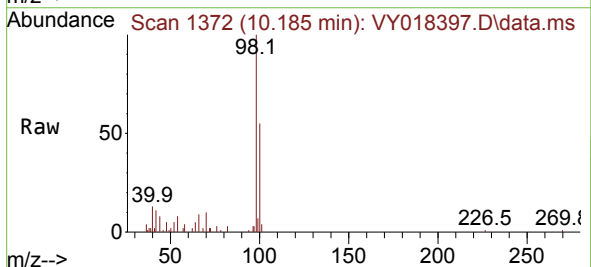
Acq: 29 May 2024 14:16

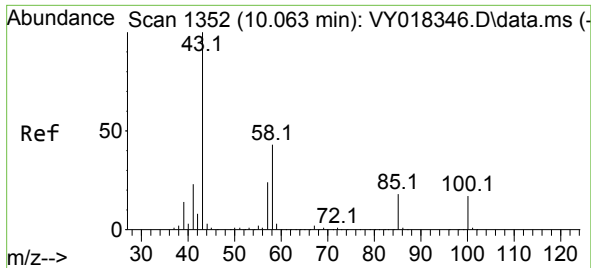
Tgt Ion: 98 Resp: 7697

Ion Ratio Lower Upper

98 100

100 69.5 52.0 78.0

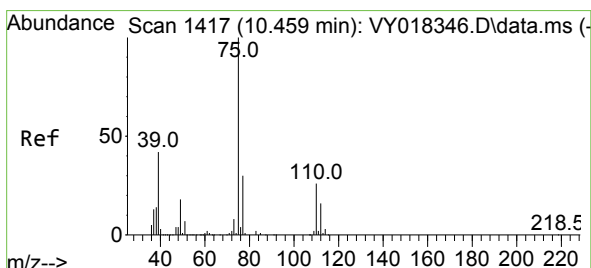
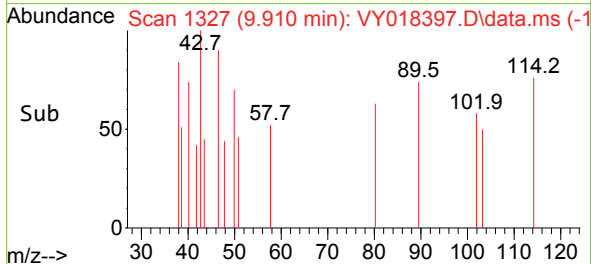
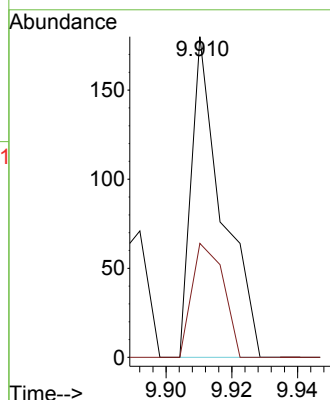
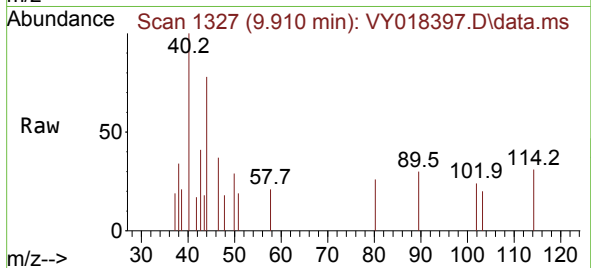




#51
4-Methyl-2-Pentanone
Concen: 3.776 ug/l
RT: 9.910 min Scan# 117
Delta R.T. -0.153 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

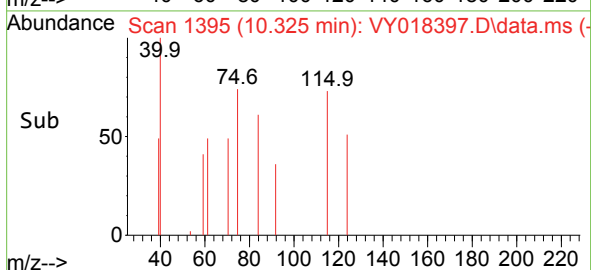
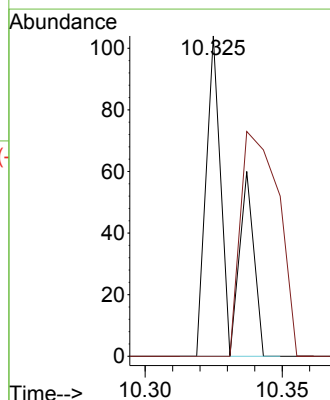
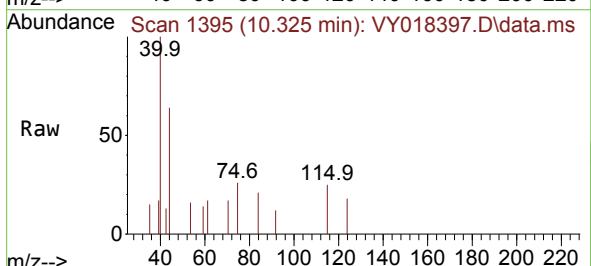
Instrument :
MSVOA_Y
ClientSampleId :

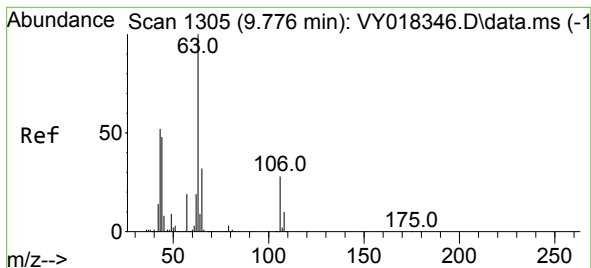
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
58 35.9 35.7 53.5



#53
t-1,3-Dichloropropene
Concen: 1.022 ug/l
RT: 10.325 min Scan# 1395
Delta R.T. -0.134 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
77 0.0 24.1 36.1#

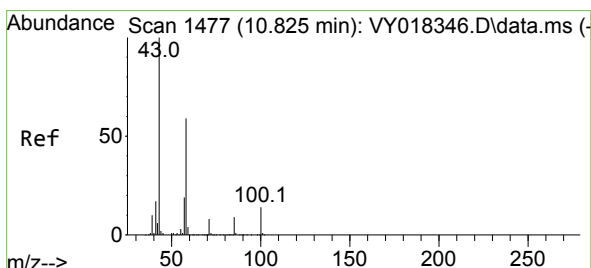
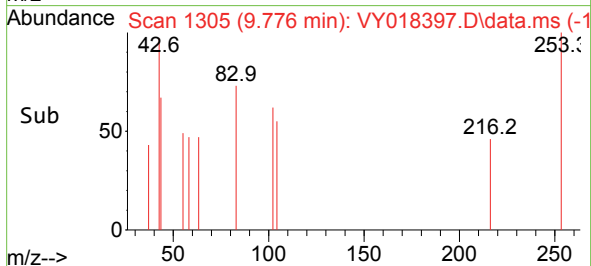
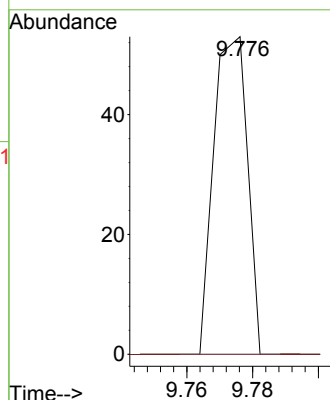
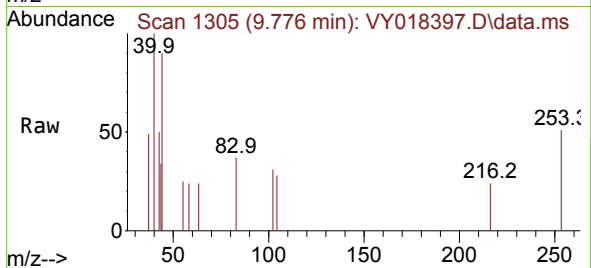




#58
2-Chloroethyl Vinyl ether
Concen: 1.749 ug/l
RT: 9.776 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

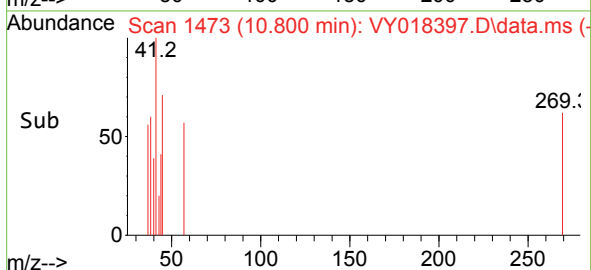
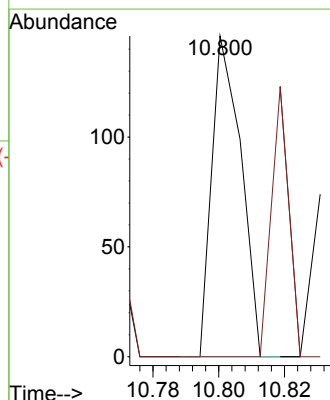
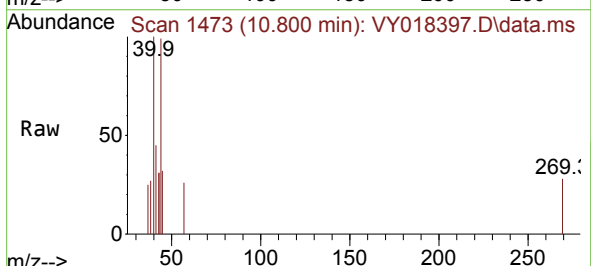
Instrument :
MSVOA_Y
ClientSampleId :

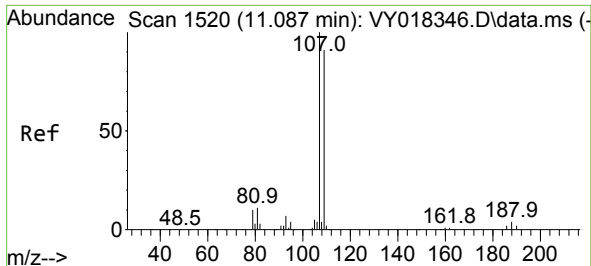
Tgt Ion: 63 Resp: 38
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 4.221 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.025 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

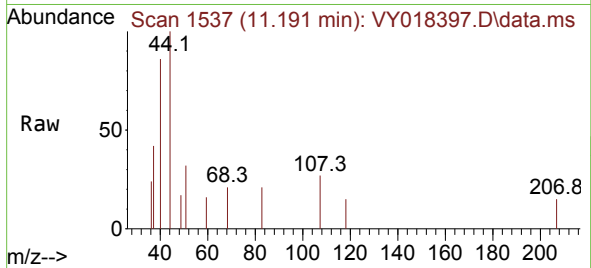
Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
58 50.0 31.4 94.0



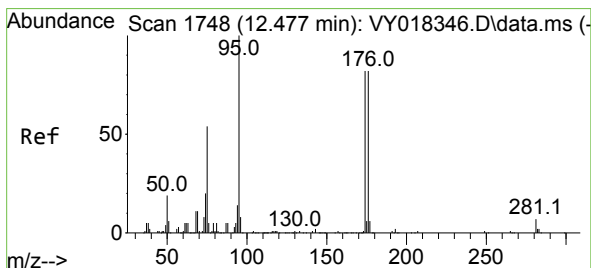
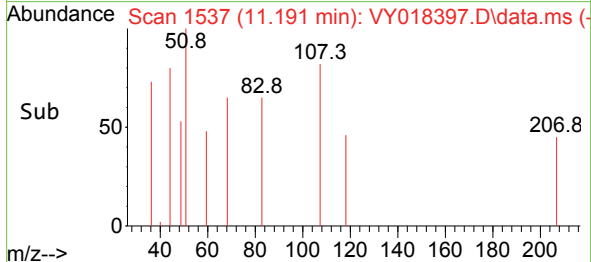
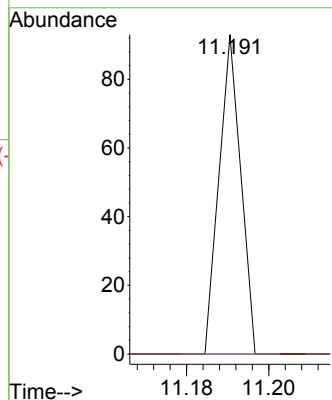


#61
1,2-Dibromoethane
Concen: 1.051 ug/l
RT: 11.191 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

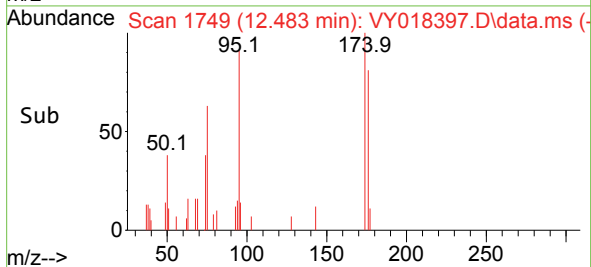
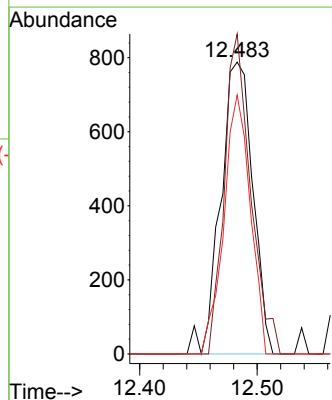
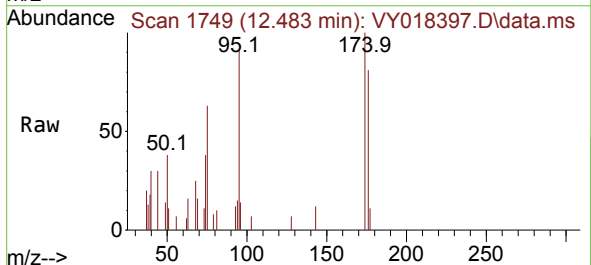


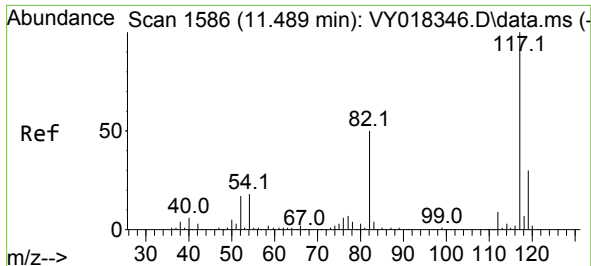
Tgt Ion:107 Resp: 34
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



#62
4-Bromofluorobenzene
Concen: 27.433 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 95 Resp: 1499
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 73.0 0.0 171.4

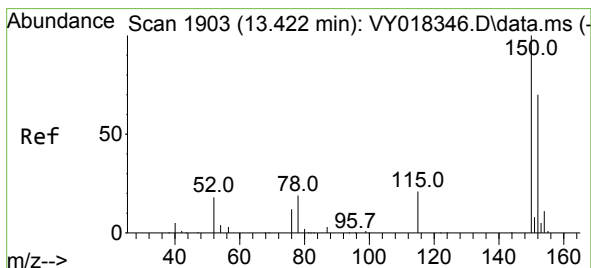
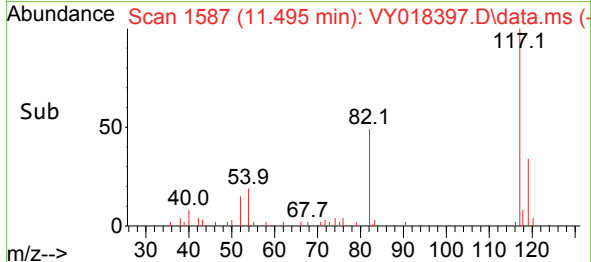
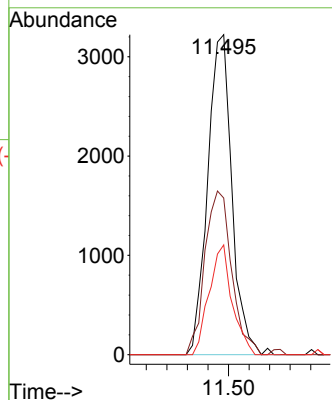
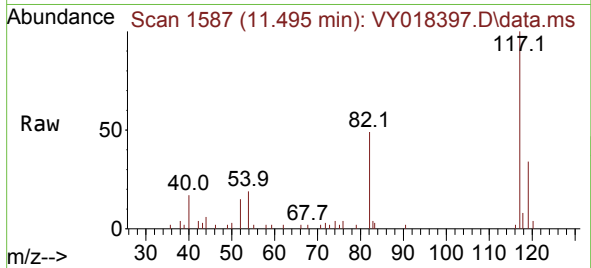




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

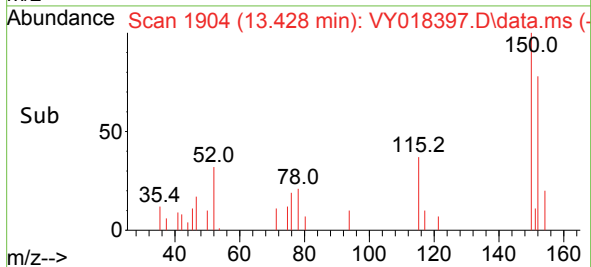
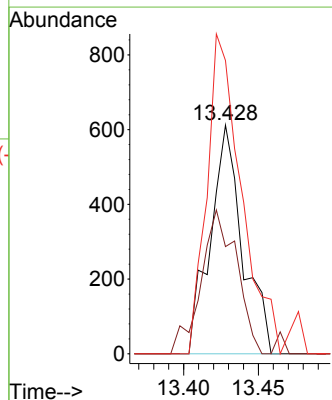
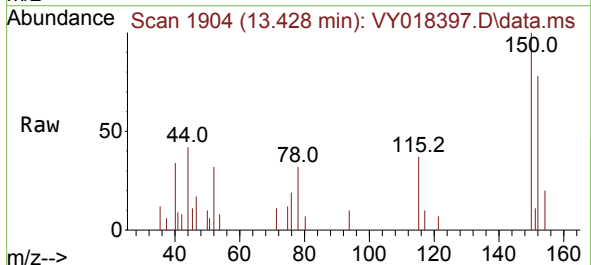
Instrument :
MSVOA_Y
ClientSampleId :

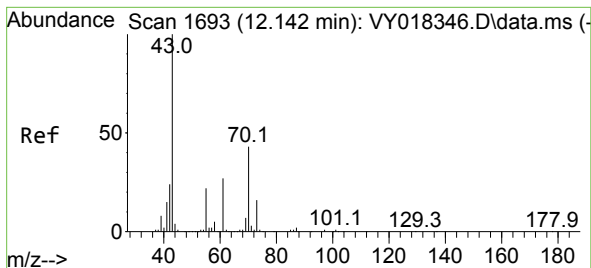
Tgt Ion:117 Resp: 5274
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 34.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion:152 Resp: 921
Ion Ratio Lower Upper
152 100
115 69.2 28.2 84.7
150 149.1 0.0 345.6





#74

N-amy1 acetate

Concen: 2.842 ug/l

RT: 12.196 min Scan# 1

Delta R.T. 0.055 min

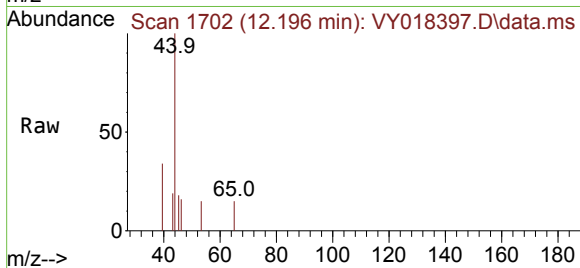
Lab File: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 48

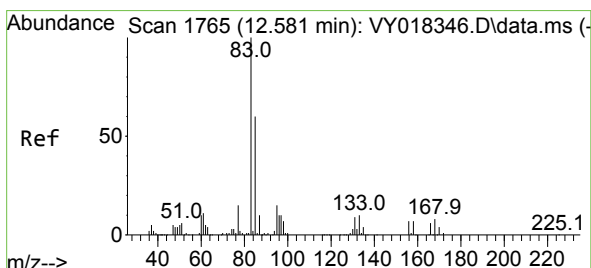
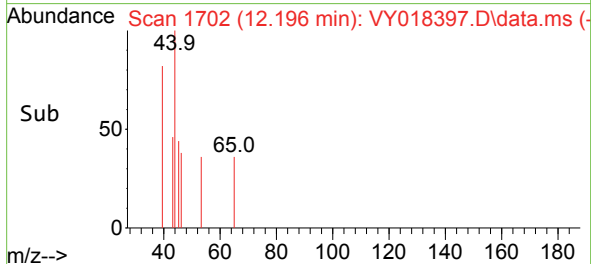
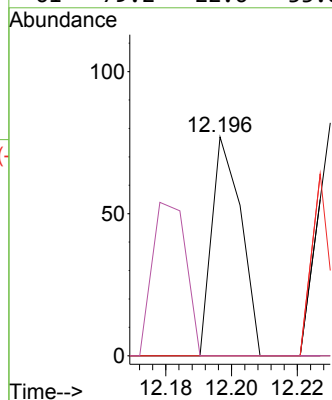
Ion Ratio Lower Upper

43 100

70 0.0 41.4 62.2#

55 0.0 23.3 34.9#

61 79.2 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.027 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.097 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

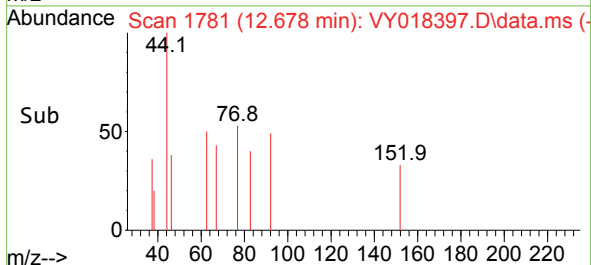
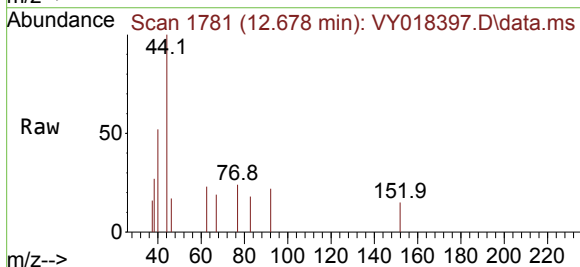
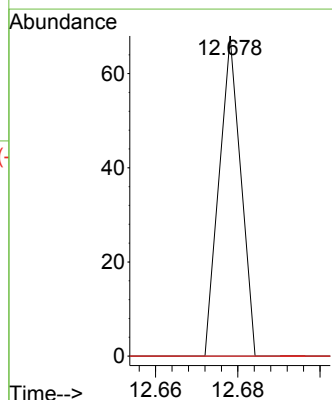
Tgt Ion: 83 Resp: 25

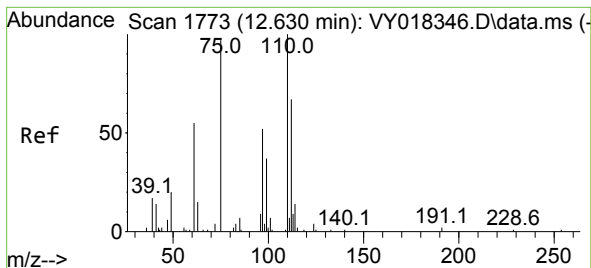
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 9.544 ug/l

RT: 12.599 min Scan# 11

Delta R.T. -0.031 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

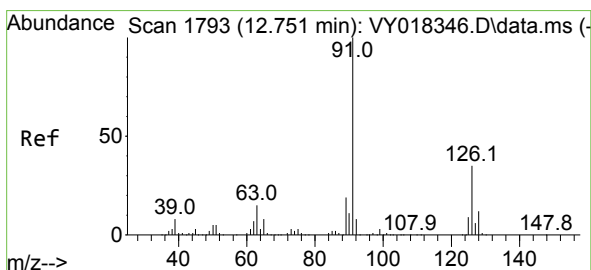
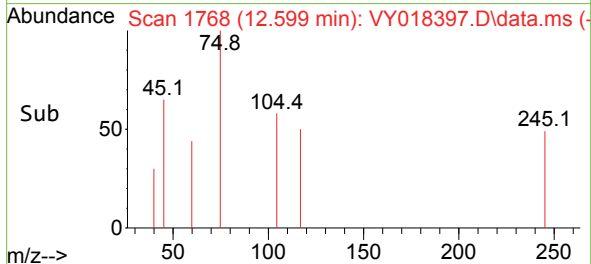
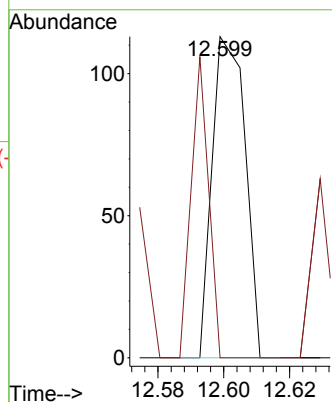
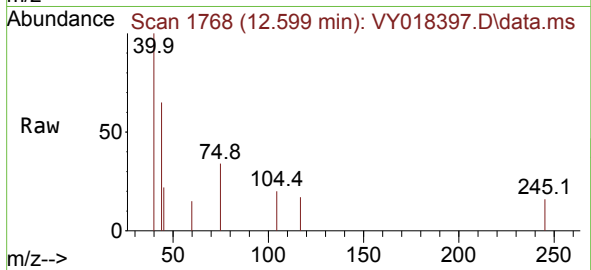
ClientSampleId :

Tgt Ion: 75 Resp: 79

Ion Ratio Lower Upper

75 100

77 49.4 0.0 0.0#



#79

2-Chlorotoluene

Concen: 2.024 ug/l

RT: 12.782 min Scan# 1798

Delta R.T. 0.030 min

Lab File: VY018397.D

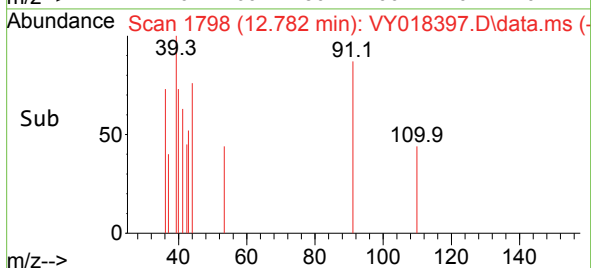
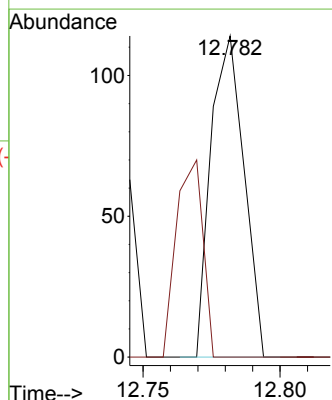
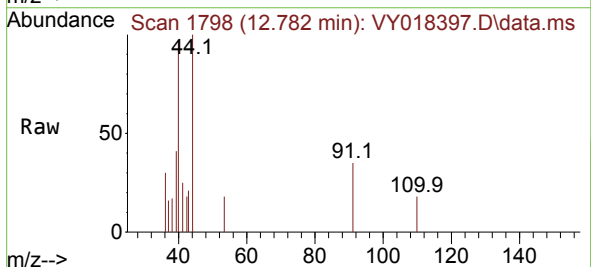
Acq: 29 May 2024 14:16

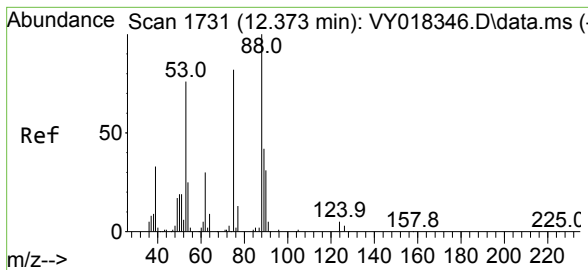
Tgt Ion: 91 Resp: 95

Ion Ratio Lower Upper

91 100

126 49.5 17.8 53.5

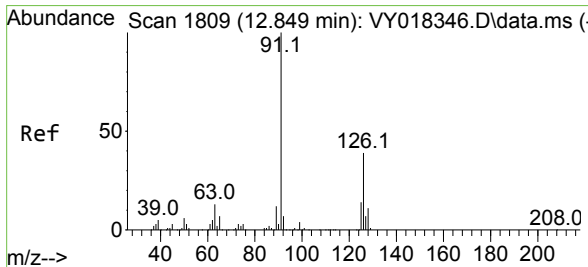
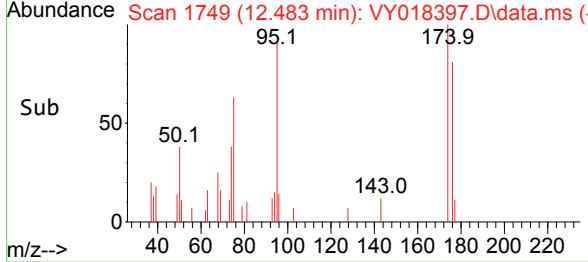
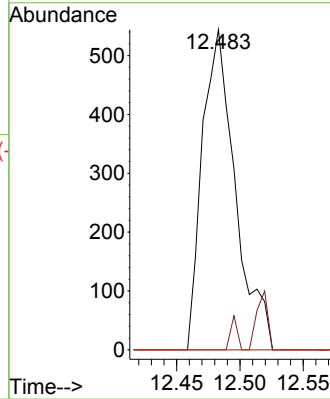
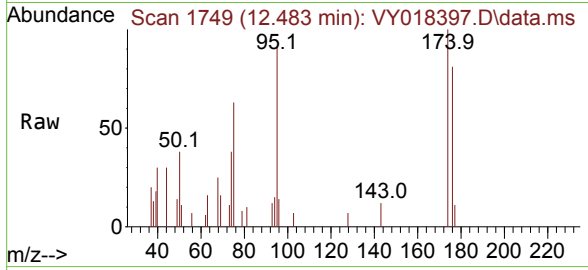




#81
trans-1,4-Dichloro-2-butene
Concen: 246.072 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

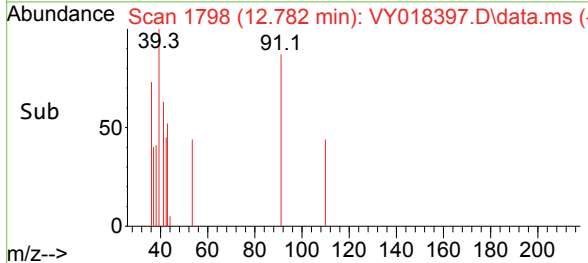
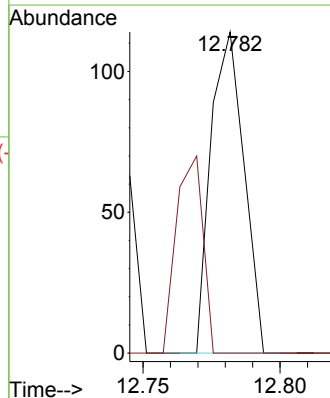
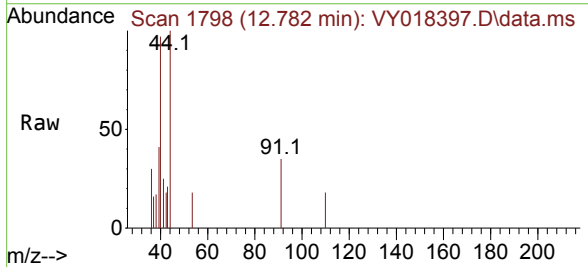
Instrument :
MSVOA_Y
ClientSampleId :

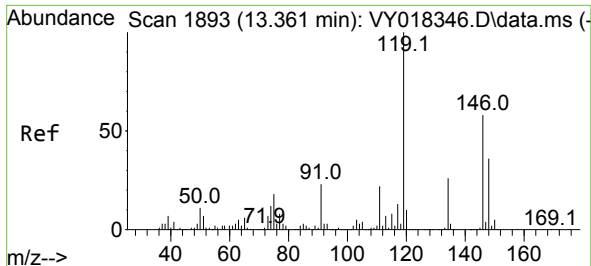
Tgt Ion: 75 Resp: 990
Ion Ratio Lower Upper
75 100
53 2.1 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 1.997 ug/l
RT: 12.782 min Scan# 1798
Delta R.T. -0.067 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

Tgt Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
126 49.5 17.6 52.9





#87

1,3-Dichlorobenzene

Concen: 3.459 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.018 min

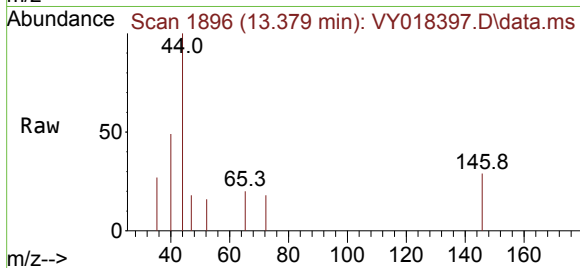
Lab File: VY018397.D

Acq: 29 May 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :



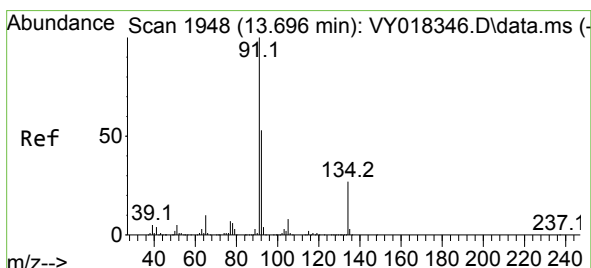
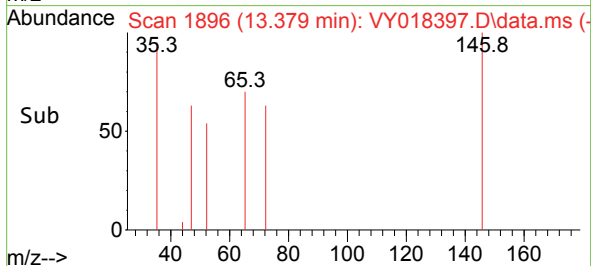
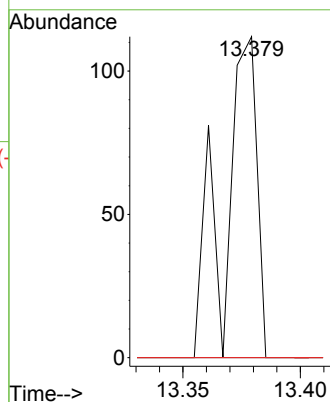
Tgt Ion:146 Resp: 108

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

148 0.0 31.7 95.1#



#89

n-Butylbenzene

Concen: 1.121 ug/l

RT: 13.721 min Scan# 1952

Delta R.T. 0.024 min

Lab File: VY018397.D

Acq: 29 May 2024 14:16

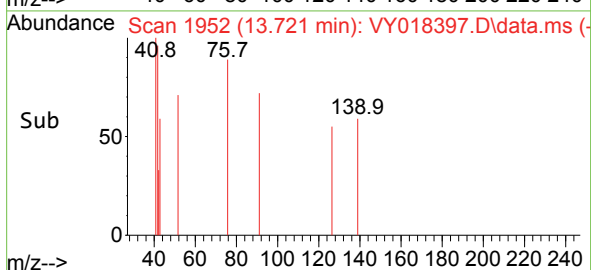
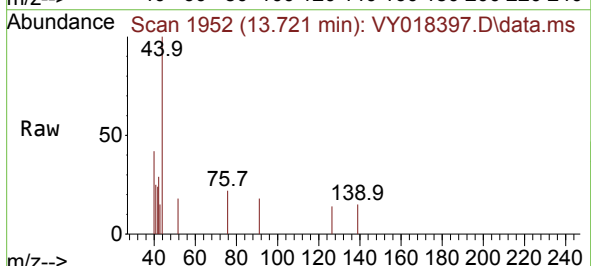
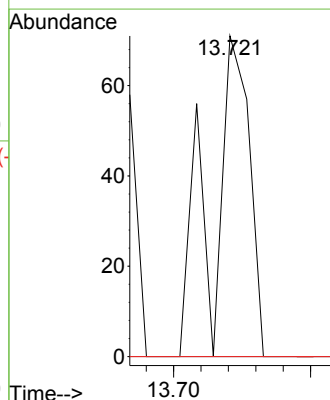
Tgt Ion: 91 Resp: 67

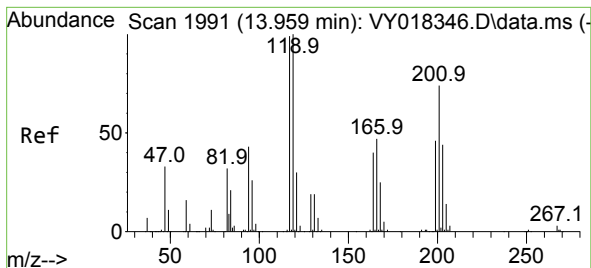
Ion Ratio Lower Upper

91 100

92 0.0 26.6 79.7#

134 0.0 12.9 38.7#

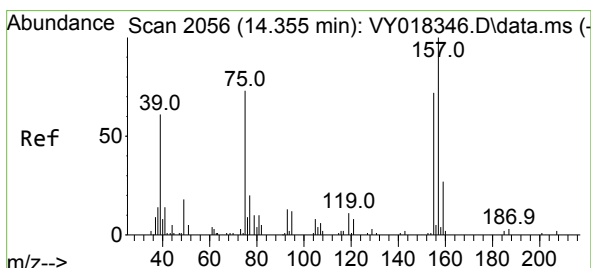
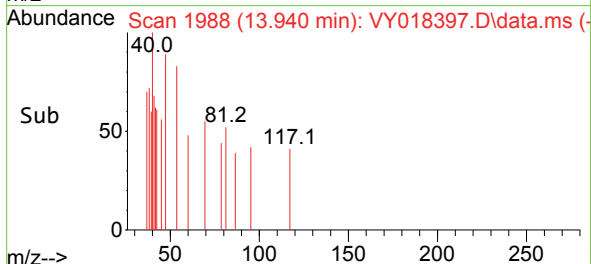
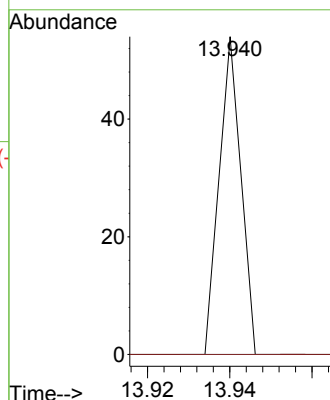
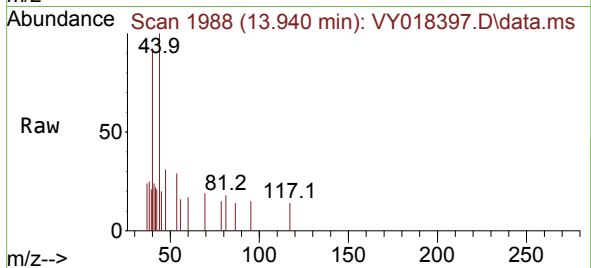




#90
Hexachloroethane
Concen: 1.703 ug/l
RT: 13.940 min Scan# 1991
Delta R.T. -0.018 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

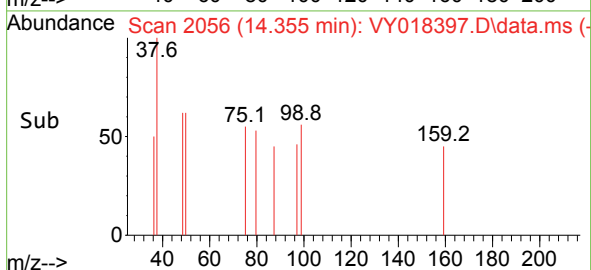
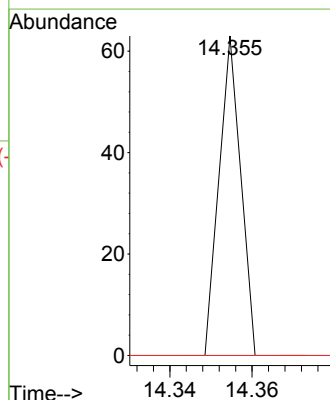
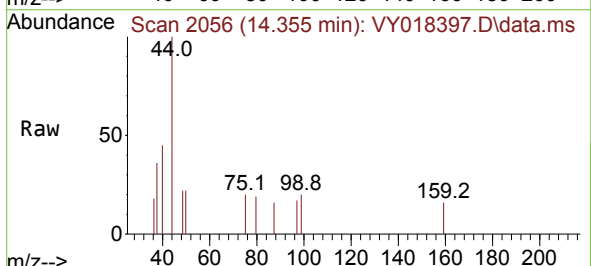
Instrument :
MSVOA_Y
ClientSampleId :

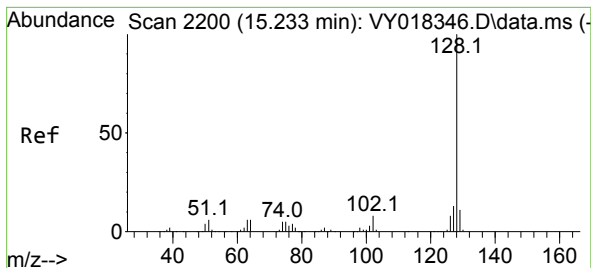
Tgt Ion:117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.595 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

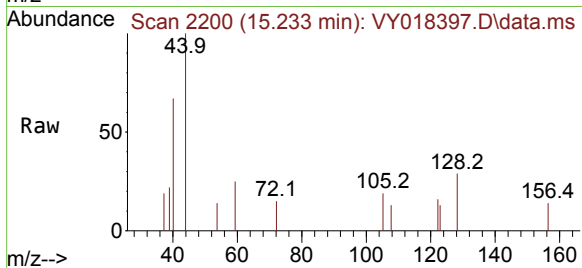
Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



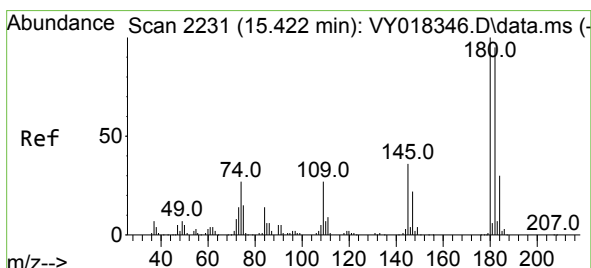
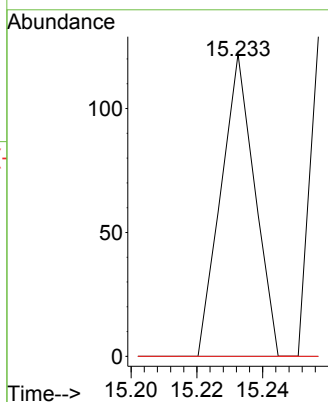
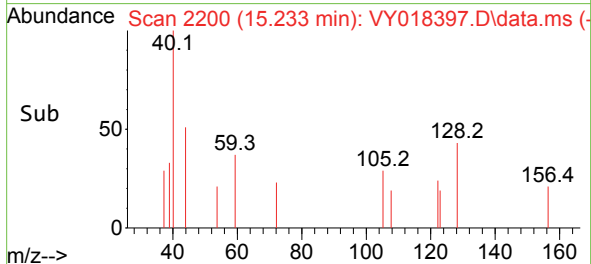


#95
Naphthalene
Concen: 2.867 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16

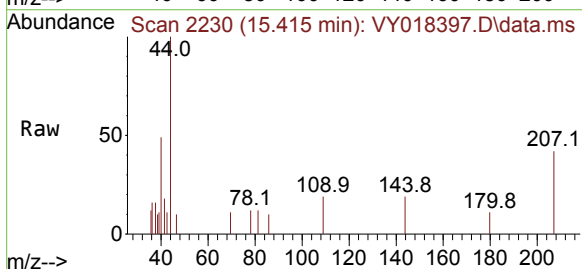
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 87
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: 1.753 ug/l
RT: 15.415 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY018397.D
Acq: 29 May 2024 14:16



Tgt Ion:180 Resp: 23
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.9#
145 0.0 15.4 46.1#

