

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018197.D
 Acq On : 08 May 2024 18:48
 Operator : SY/MD
 Sample : P2413-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:30:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	22764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	31118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	2153	12.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	25.720%#
35) Dibromofluoromethane	7.710	113	5377	32.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.760%
50) Toluene-d8	10.173	98	37270	57.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.660%
62) 4-Bromofluorobenzene	12.477	95	3859	18.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	37.080%

Target Compounds			Qvalue			
3) Chloromethane	2.125	50	304	1.258	ug/l #	43
6) Chloroethane	2.766	64	236	1.269	ug/l #	42
11) Tert butyl alcohol	4.942	59	23	Below Cal	#	88
13) Acrolein	3.698	56	400	20.270	ug/l #	1
15) Acrylonitrile	5.229	53	7793	179.398	ug/l #	43
16) Acetone	3.936	43	4416	132.137	ug/l #	45
20) Methylene Chloride	4.686	84	996	4.216	ug/l #	1
25) 2-Butanone	6.972	43	3169	59.321	ug/l #	41
29) Tetrahydrofuran	7.332	42	312	8.848	ug/l #	26
30) Chloroform	7.454	83	13582	35.555	ug/l #	19
31) Cyclohexane	7.771	56	208484	666.529	ug/l #	89
37) Ethyl Acetate	7.100	43	240	2.432	ug/l #	82
38) Carbon Tetrachloride	7.783	117	2413	9.419	ug/l #	13
39) Methylcyclohexane	9.179	83	419700	1240.894	ug/l	99
40) Benzene	8.155	78	8443	11.196	ug/l	98
41) Methacrylonitrile	7.344	41	3560	62.477	ug/l #	35
43) Isopropyl Acetate	8.258	43	38385	189.781	ug/l #	47
47) Bromodichloromethane	9.478	83	10840	46.263	ug/l #	28
48) Methyl methacrylate	9.240	41	14614	157.651	ug/l #	27
49) 1,4-Dioxane	9.283	88	27	21.461	ug/l #	20
51) 4-Methyl-2-Pentanone	10.167	43	6616	65.082	ug/l #	42
52) Toluene	10.246	92	3273	6.742	ug/l	82
55) 1,1,2-Trichloroethane	10.618	97	47522	364.984	ug/l #	21
56) Ethyl methacrylate	10.514	69	5257	29.729	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.789	63	391	4.631	ug/l #	45
59) 2-Hexanone	10.856	43	493	6.936	ug/l	79
67) Ethyl Benzene	11.587	91	105172	239.723	ug/l	94
68) m/p-Xylenes	11.697	106	5030	28.992	ug/l	90
69) o-Xylene	12.020	106	1343	8.066	ug/l	76
73) Isopropylbenzene	12.325	105	105509	780.066	ug/l	97
74) N-amyl acetate	12.124	43	1186	42.240	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.556	83	525	24.332	ug/l #	40
76) 1,2,3-Trichloropropane	12.666	75	2033	140.791	ug/l #	100
78) n-propylbenzene	12.666	91	358689	2279.955	ug/l	99
79) 2-Chlorotoluene	12.666	91	358689	4102.891	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.813	105	50313	471.741	ug/l	97

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

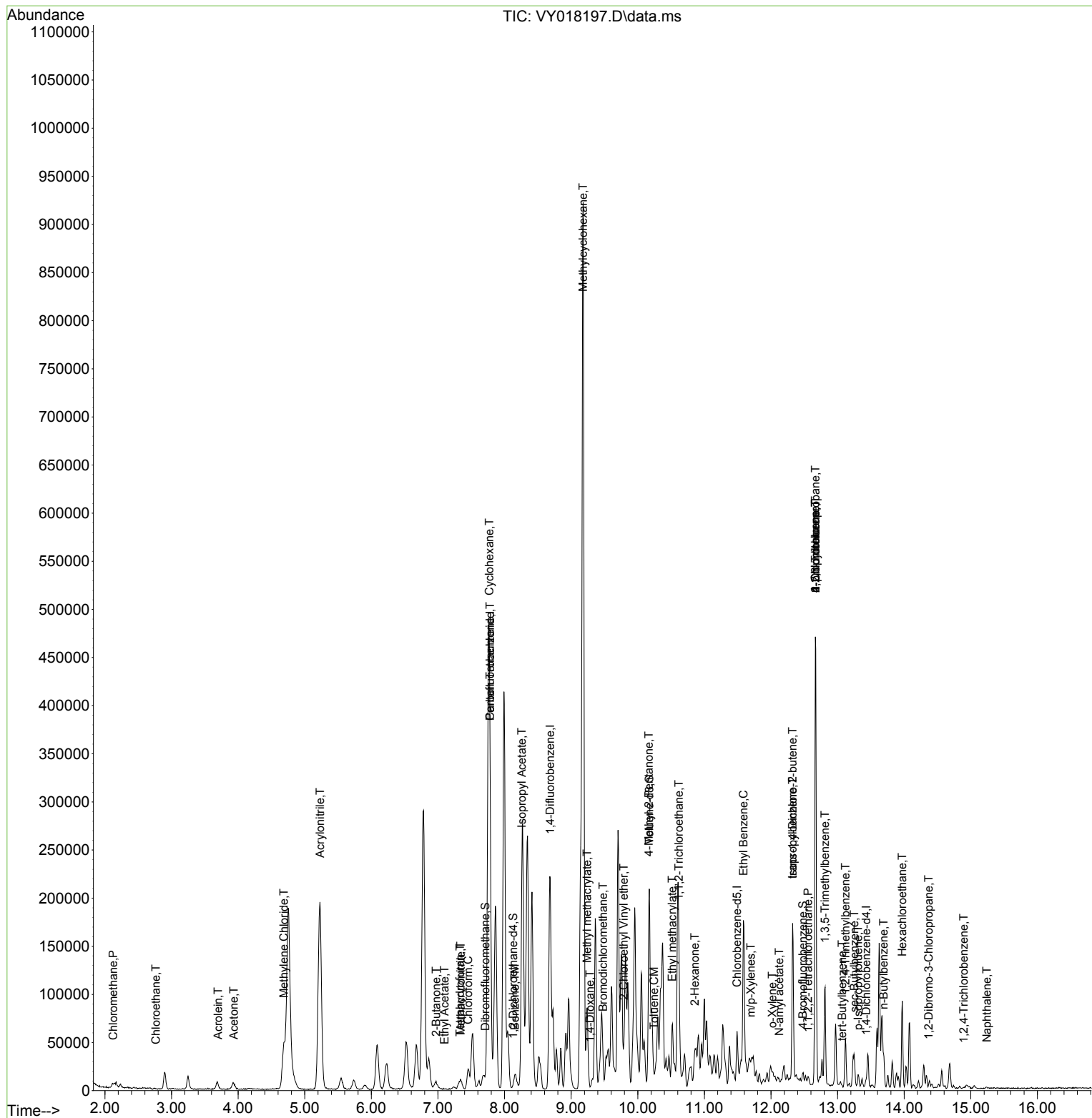
81) trans-1,4-Dichloro-2-b...	12.325	75	1429	190.667	ug/l #	41
82) 4-Chlorotoluene	12.666	91	358689	4084.610	ug/l #	39
83) tert-Butylbenzene	13.069	119	317	3.222	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.117	105	26514	253.784	ug/l	97
85) sec-Butylbenzene	13.251	105	18971	131.469	ug/l #	51
86) p-Isopropyltoluene	13.306	119	6174	52.009	ug/l	88
89) n-Butylbenzene	13.690	91	22075	205.476	ug/l #	75
90) Hexachloroethane	13.971	117	3708	159.217	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.367	75	80	27.230	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.891	180	42	1.448	ug/l #	12
95) Naphthalene	15.239	128	1509	28.401	ug/l #	89

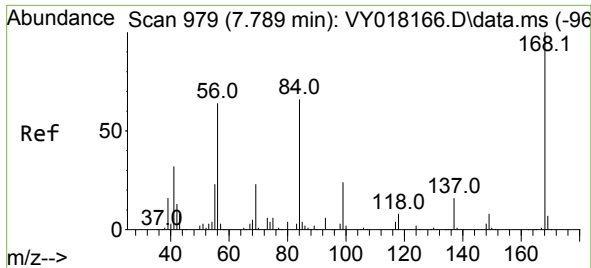
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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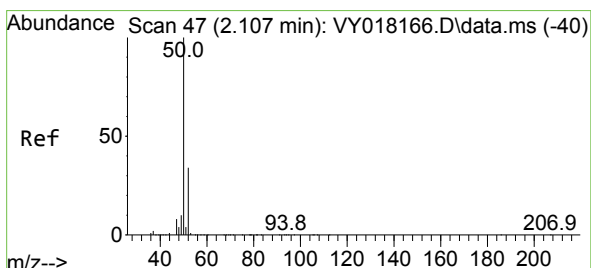
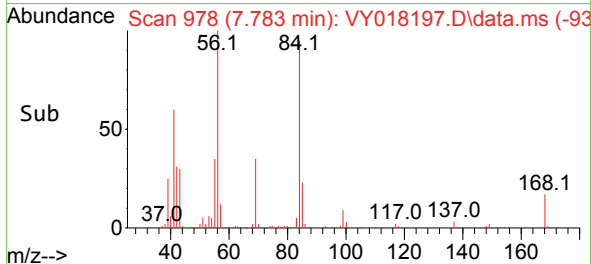
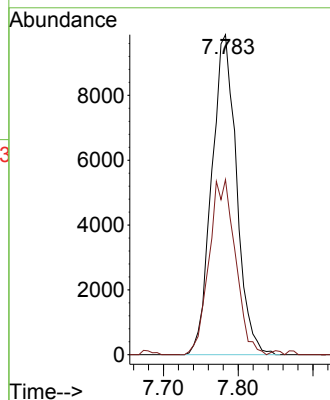
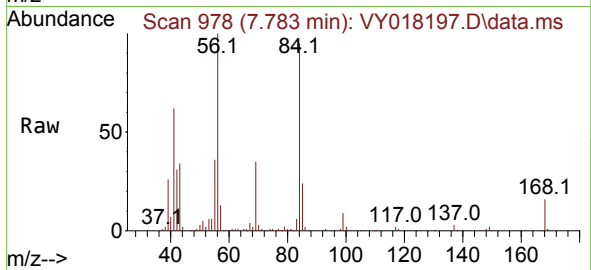




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

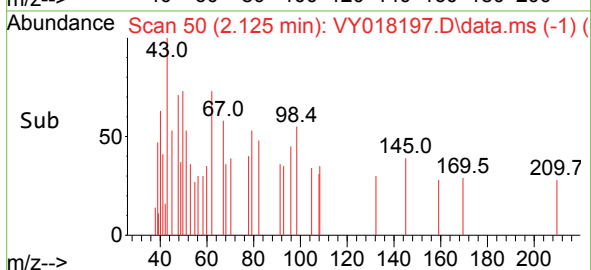
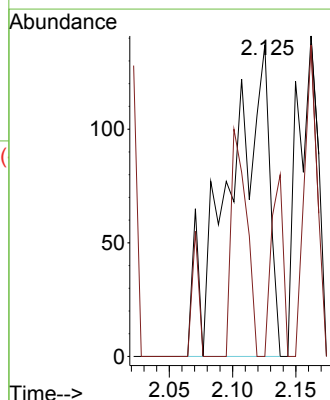
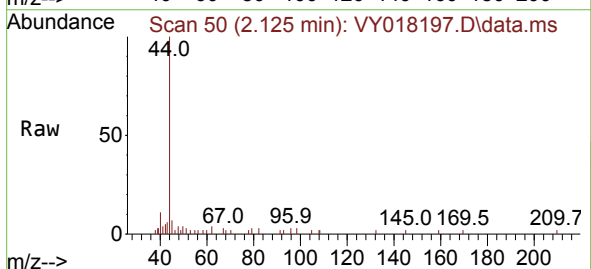
Instrument :
MSVOA_Y
ClientSampleId :

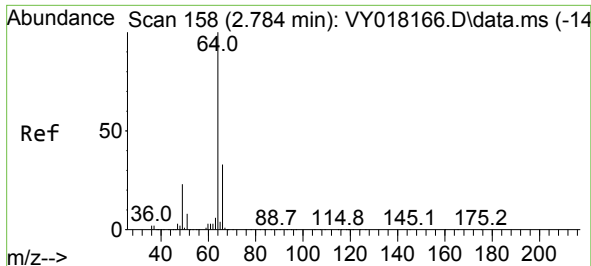
Tgt Ion:168 Resp: 22764
Ion Ratio Lower Upper
168 100
99 54.7 39.1 58.7



#3
Chloromethane
Concen: 1.258 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

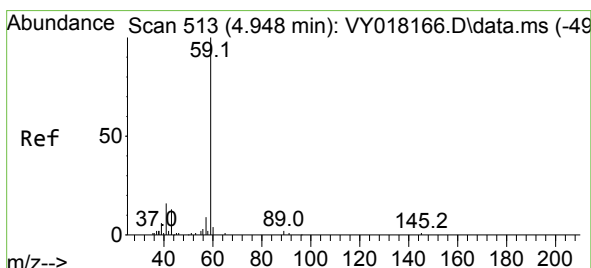
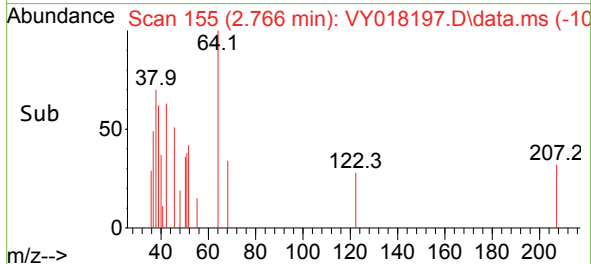
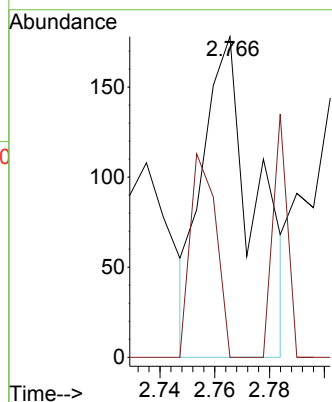
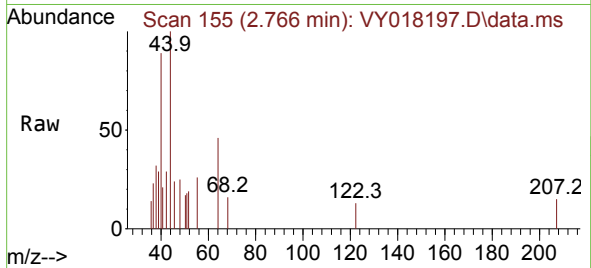




#6
Chloroethane
Concen: 1.269 ug/l
RT: 2.766 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

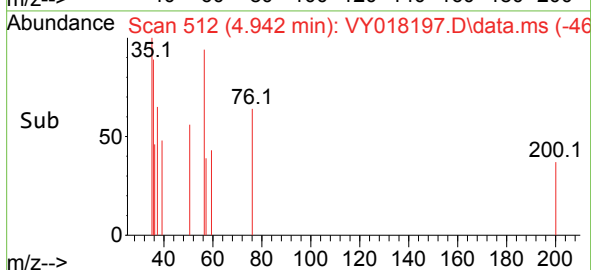
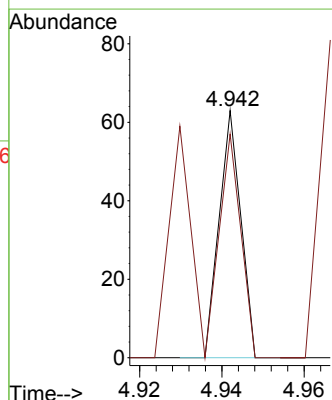
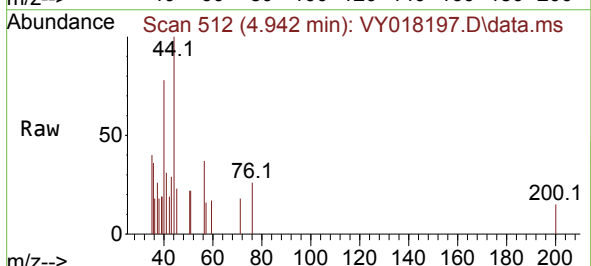
Instrument :
MSVOA_Y
ClientSampleId :

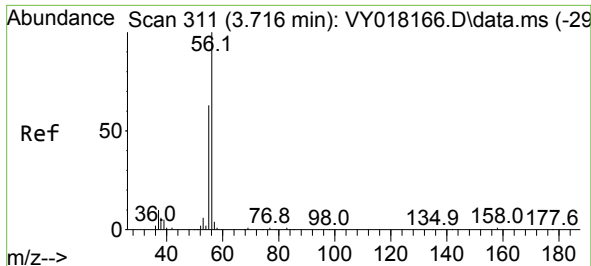
Tgt Ion: 64 Resp: 236
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

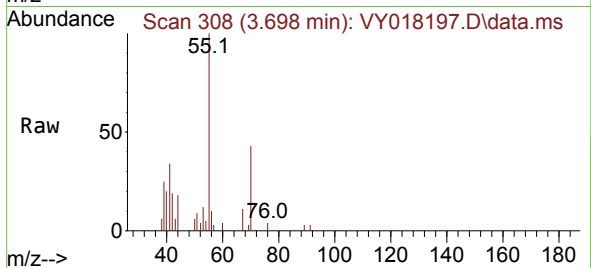
Tgt Ion: 59 Resp: 23
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



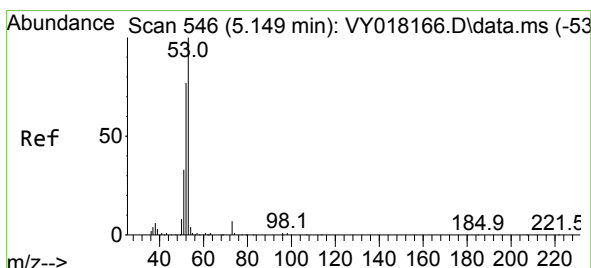
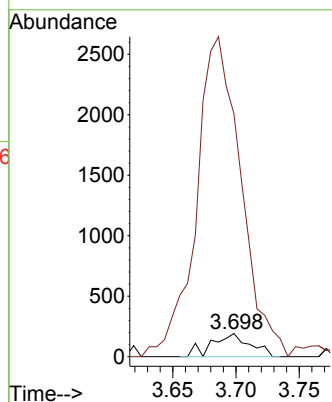
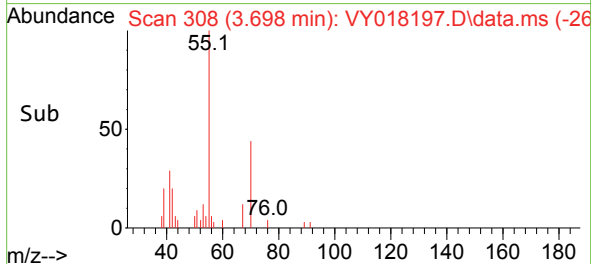


#13
Acrolein
Concen: 20.270 ug/l
RT: 3.698 min Scan# 308
Delta R.T. -0.018 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Instrument :
MSVOA_Y
ClientSampleId :

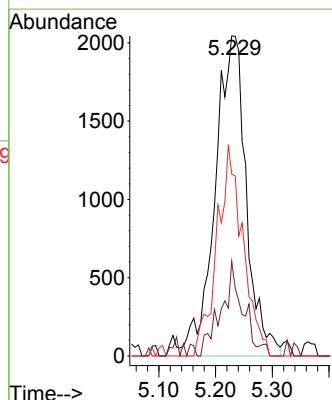
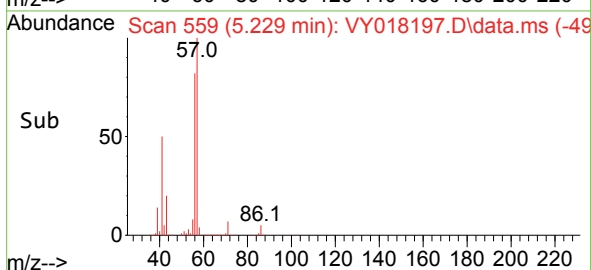
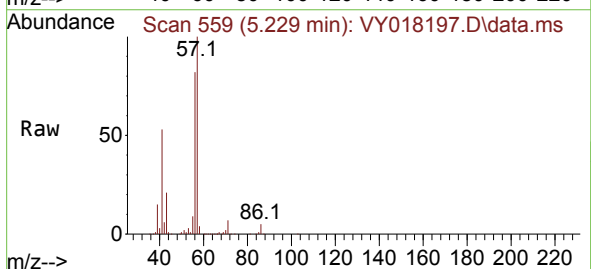


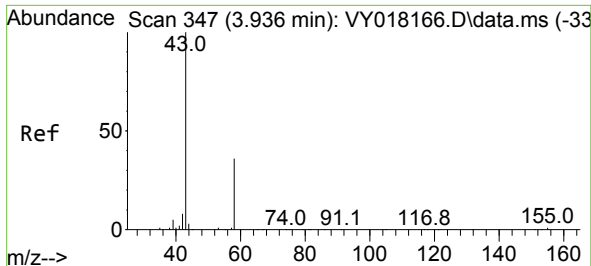
Tgt Ion: 56 Resp: 400
Ion Ratio Lower Upper
56 100
55 1625.8 55.7 83.5#



#15
Acrylonitrile
Concen: 179.398 ug/l
RT: 5.229 min Scan# 559
Delta R.T. 0.079 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 53 Resp: 7793
Ion Ratio Lower Upper
53 100
52 20.8 64.7 97.1#
51 55.0 28.4 42.6#





#16

Acetone

Concen: 132.137 ug/l

RT: 3.936 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

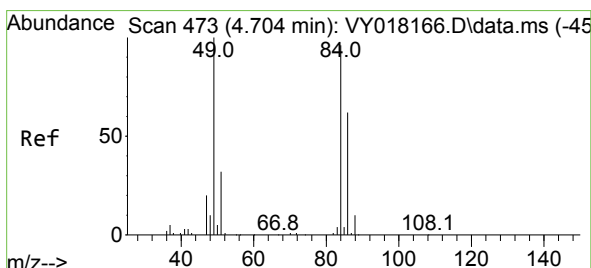
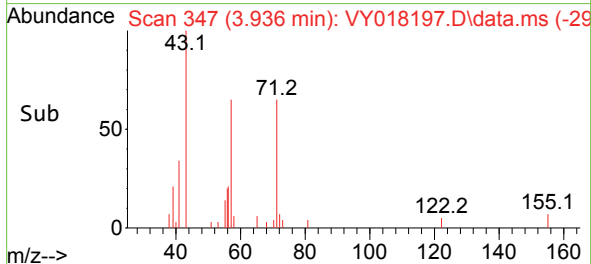
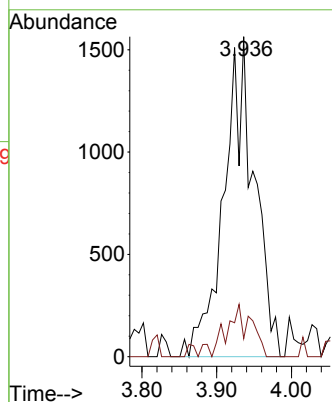
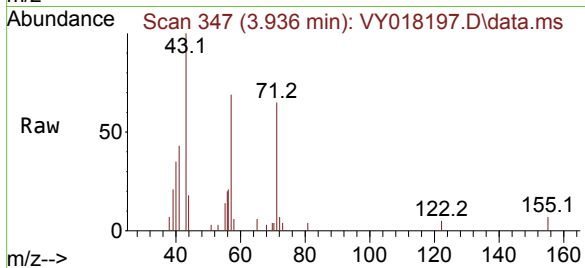
ClientSampleId :

Tgt Ion: 43 Resp: 4416

Ion Ratio Lower Upper

43 100

58 5.6 31.7 47.5#



#20

Methylene Chloride

Concen: 4.216 ug/l

RT: 4.686 min Scan# 470

Delta R.T. -0.018 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Tgt Ion: 84 Resp: 996

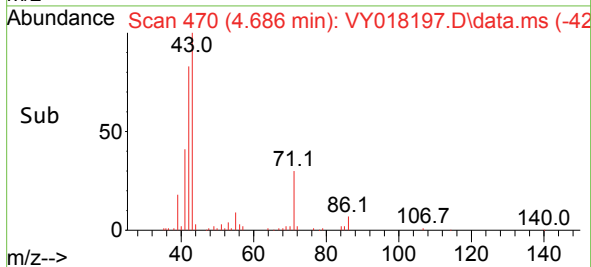
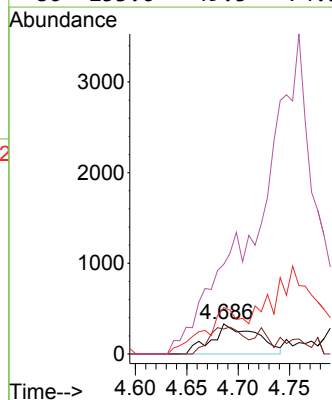
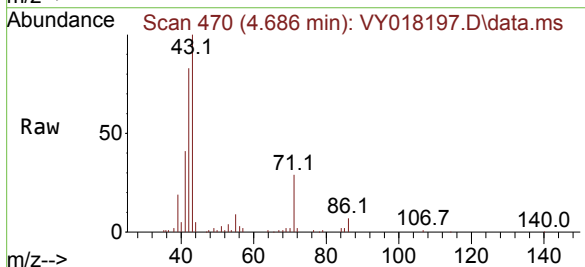
Ion Ratio Lower Upper

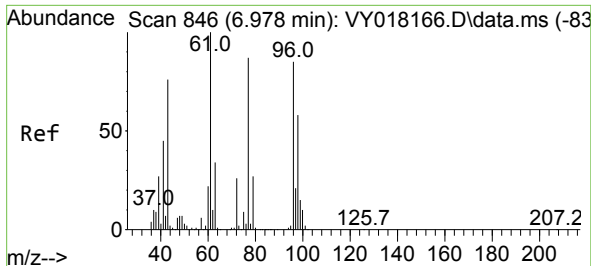
84 100

49 83.1 84.4 126.6#

51 126.2 26.0 39.0#

86 253.6 49.5 74.3#





#25

2-Butanone

Concen: 59.321 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

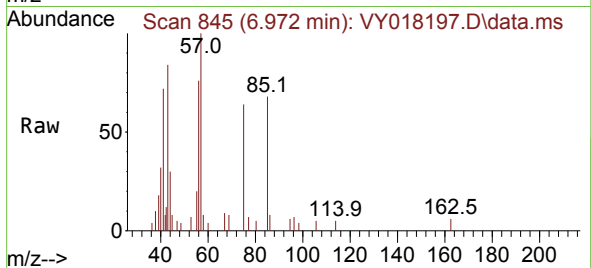
Lab File: VY018197.D

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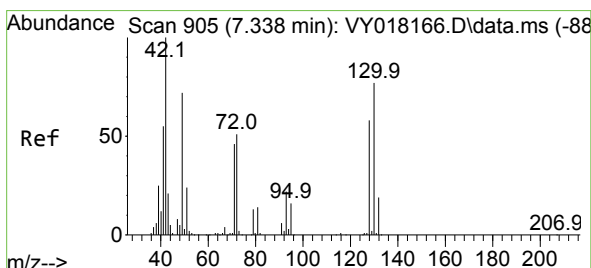
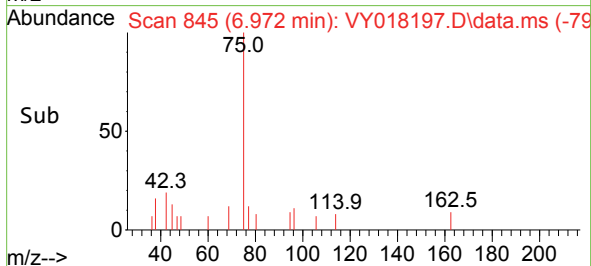
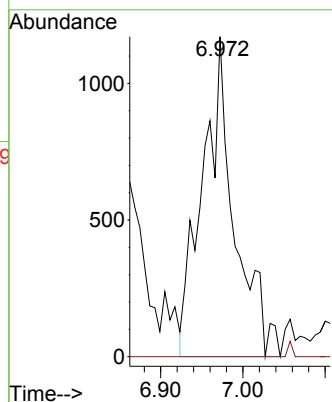


Tgt Ion: 43 Resp: 3169

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#29

Tetrahydrofuran

Concen: 8.848 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018197.D

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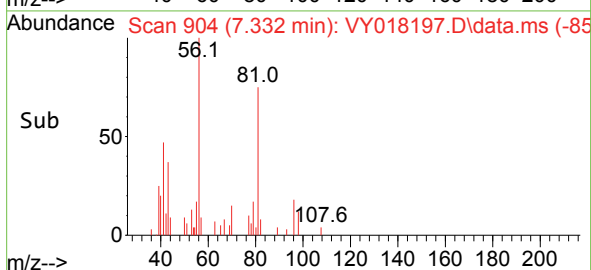
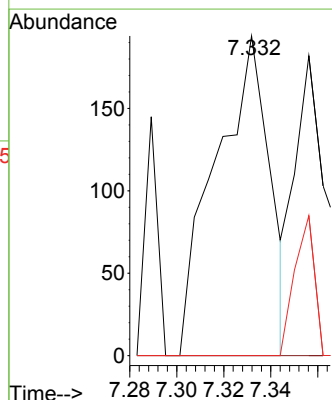
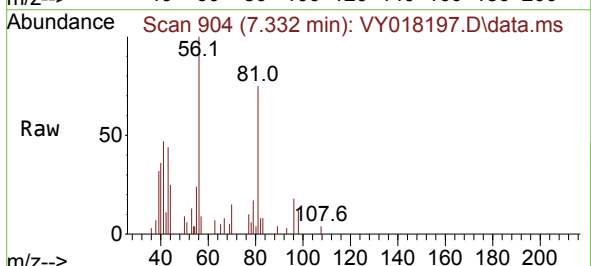
Tgt Ion: 42 Resp: 312

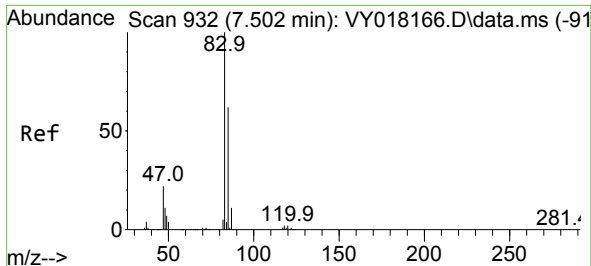
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

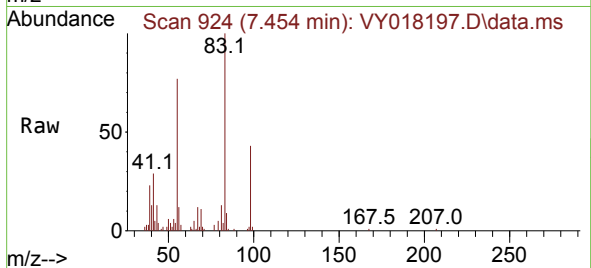
71 0.0 40.8 61.2#



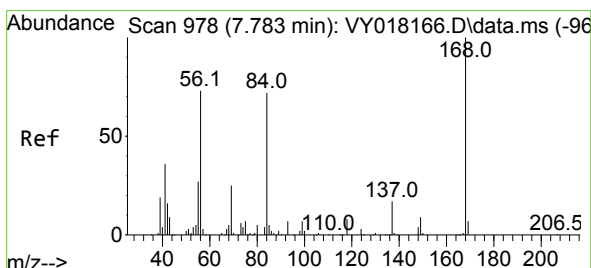
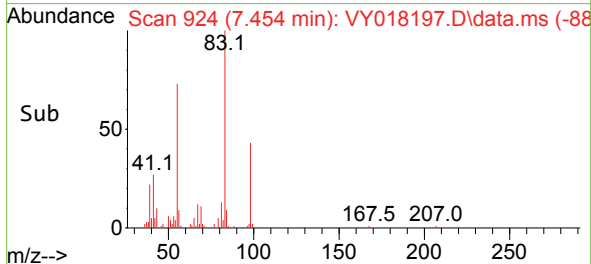
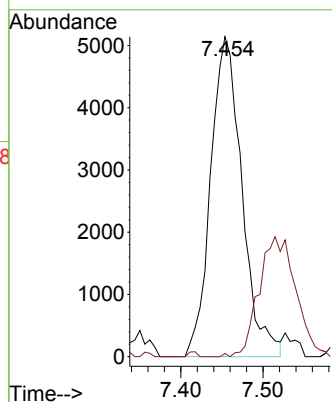


#30
Chloroform
Concen: 35.555 ug/l
RT: 7.454 min Scan# 91
Delta R.T. -0.049 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Instrument :
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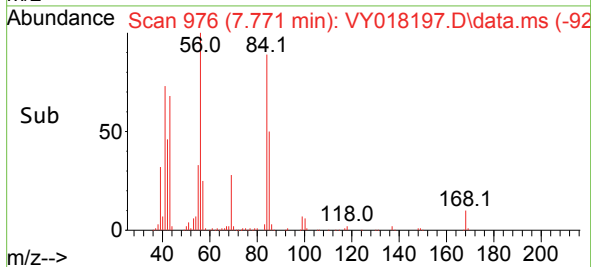
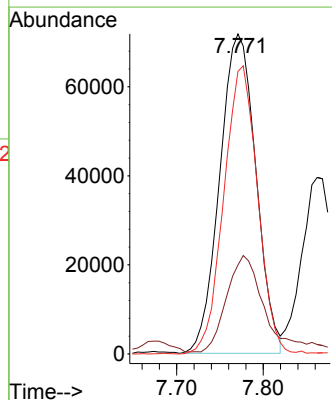
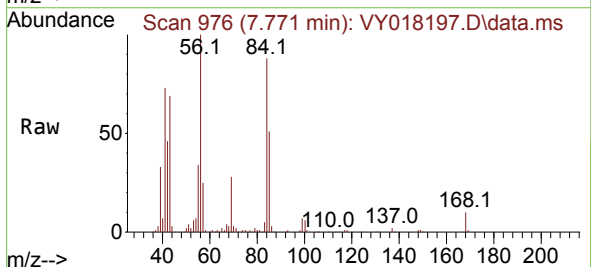


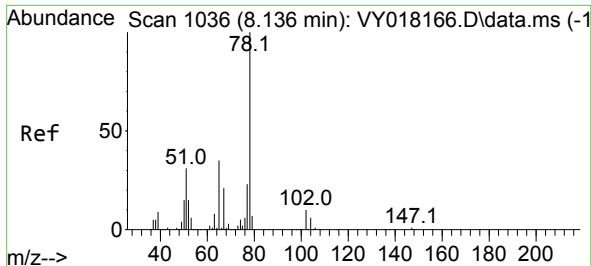
Tgt Ion: 83 Resp: 13582
Ion Ratio Lower Upper
83 100
85 1.0 52.2 78.4#



#31
Cyclohexane
Concen: 666.529 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.012 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 56 Resp: 208484
Ion Ratio Lower Upper
56 100
69 26.2 28.7 43.1#
84 88.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 12.856 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

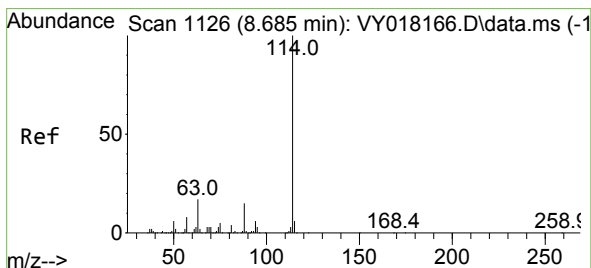
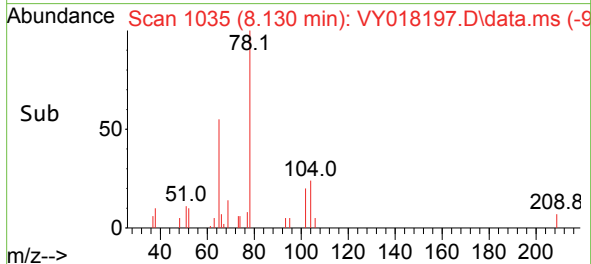
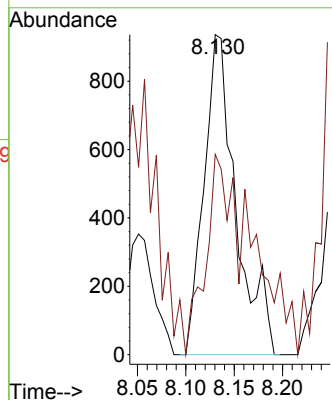
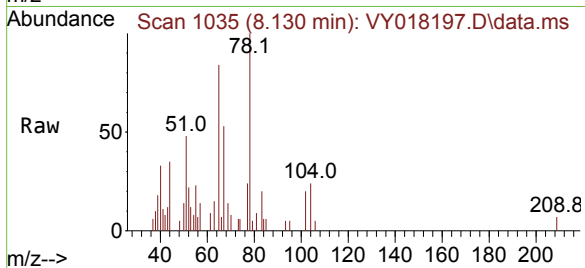
ClientSampleId :

Tgt Ion: 65 Resp: 2153

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: VY018197.D

Acq: 08 May 2024 18:48

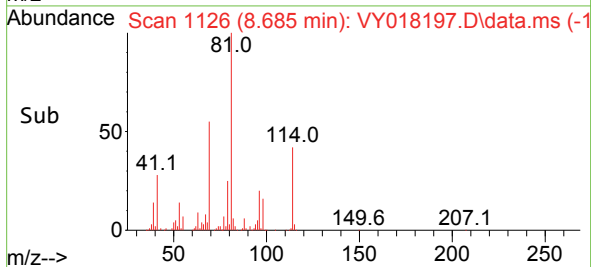
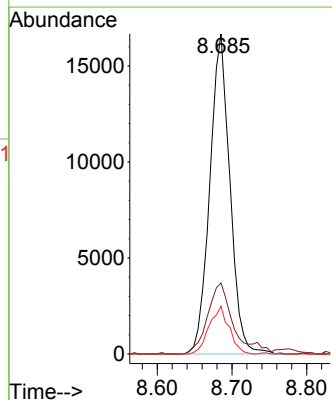
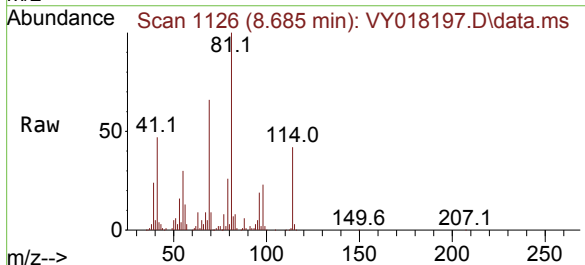
Tgt Ion: 114 Resp: 31118

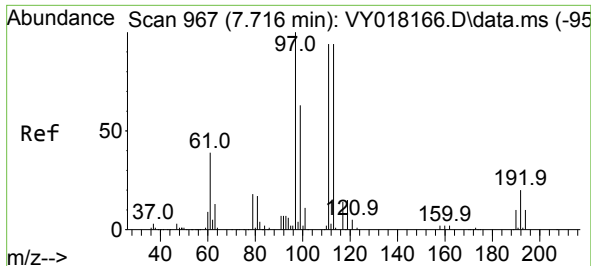
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

88 14.9 0.0 27.2

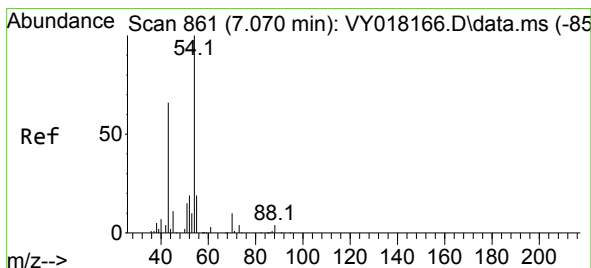
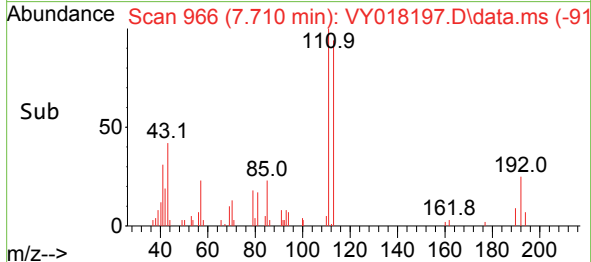
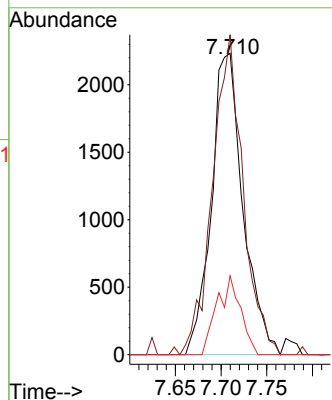
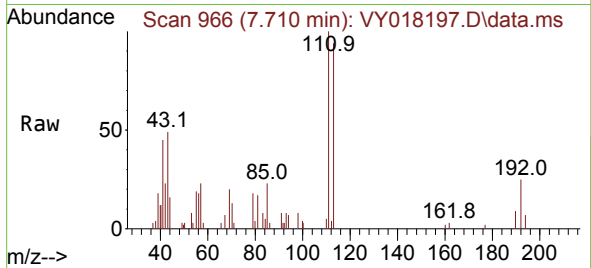




#35
Dibromofluoromethane
Concen: 32.879 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

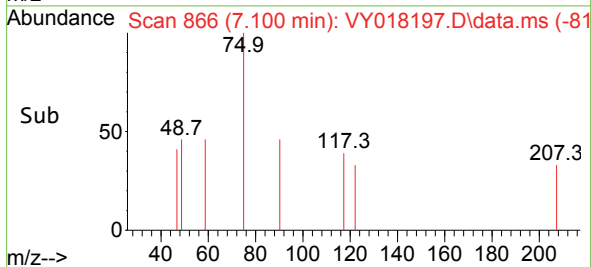
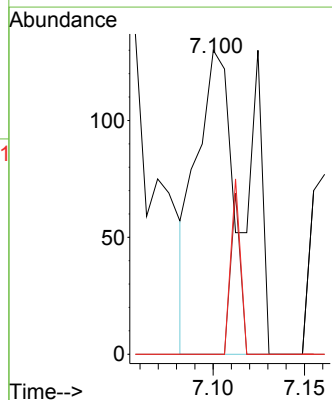
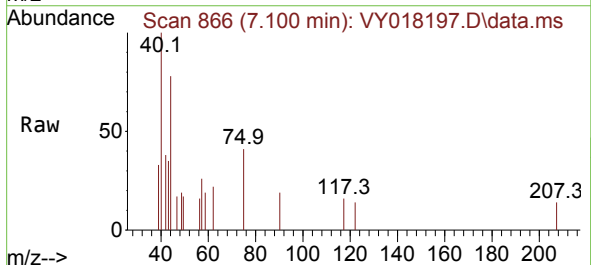
Instrument :
MSVOA_Y
ClientSampleId :

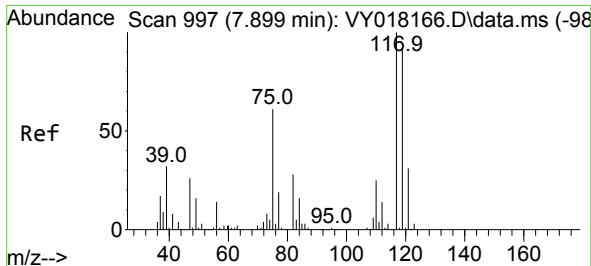
Tgt Ion:113 Resp: 5377
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.5 15.9 23.9



#37
Ethyl Acetate
Concen: 2.432 ug/l
RT: 7.100 min Scan# 866
Delta R.T. 0.031 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

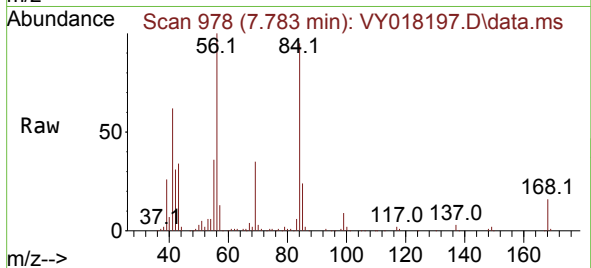
Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
61 10.4 12.6 19.0#
70 0.0 7.8 11.8#



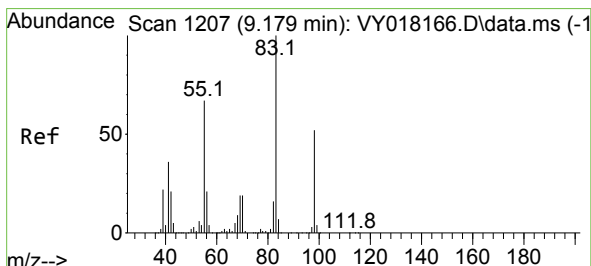
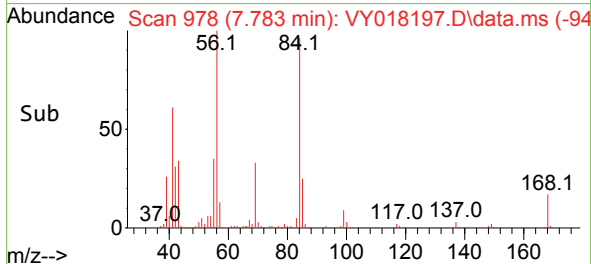
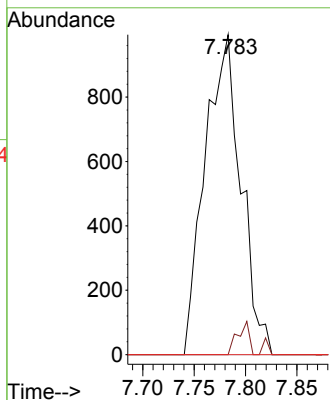


#38
Carbon Tetrachloride
Concen: 9.419 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Instrument :
MSVOA_Y
ClientSampleId :

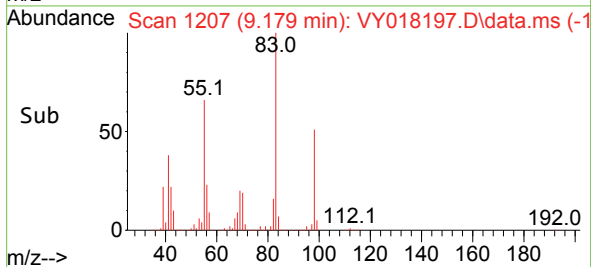
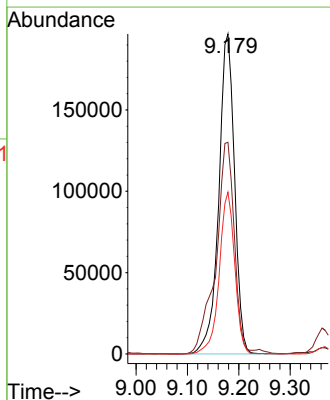
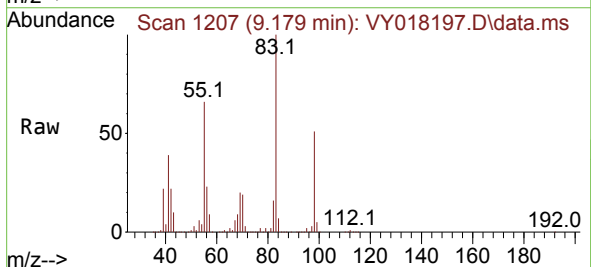


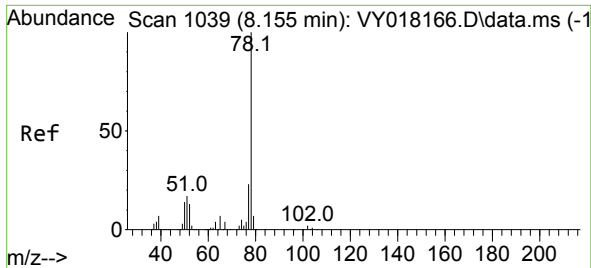
Tgt Ion:117 Resp: 2413
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#39
Methylcyclohexane
Concen: 1240.894 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 83 Resp: 419700
Ion Ratio Lower Upper
83 100
55 66.1 51.5 77.3
98 50.6 40.5 60.7

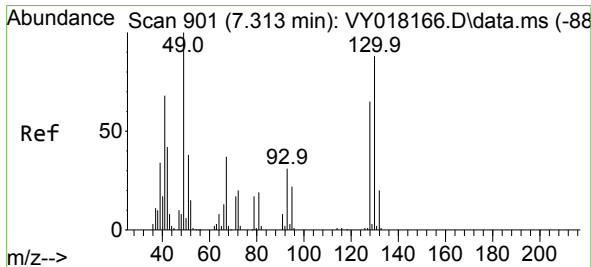
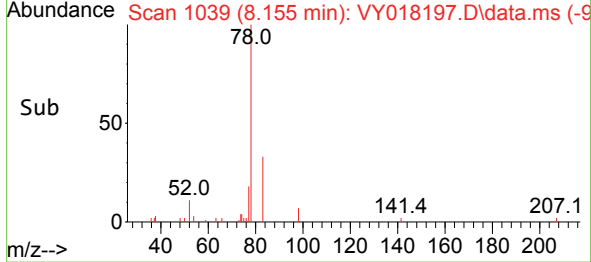
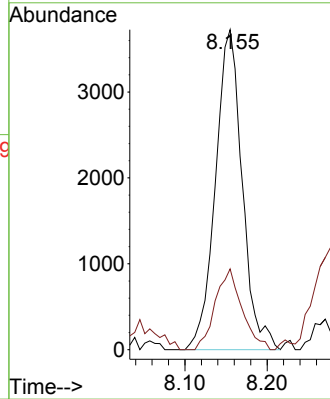
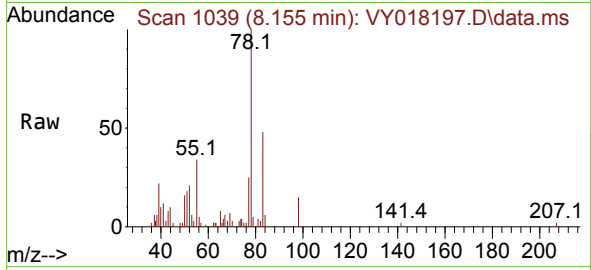




#40
Benzene
Concen: 11.196 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

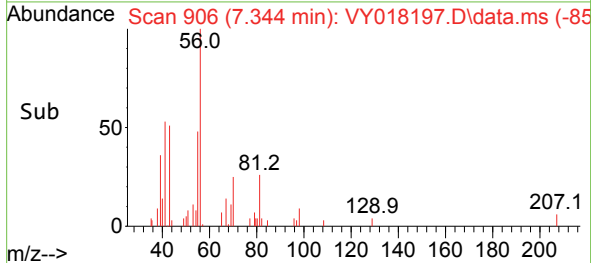
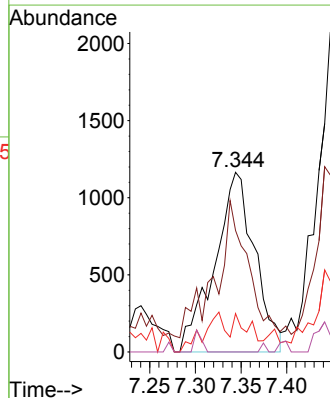
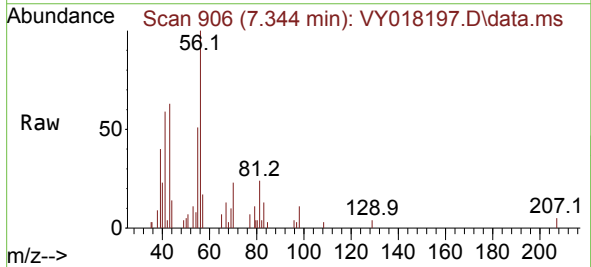
Instrument :
MSVOA_Y
ClientSampleId :

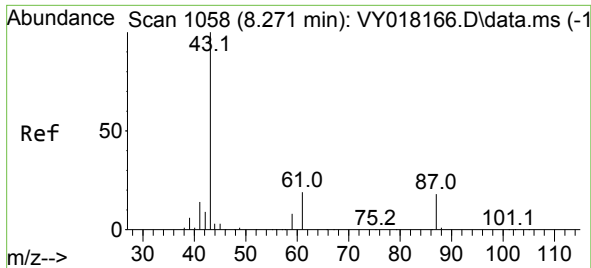
Tgt Ion: 78 Resp: 8443
Ion Ratio Lower Upper
78 100
77 25.3 19.5 29.3



#41
Methacrylonitrile
Concen: 62.477 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.031 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

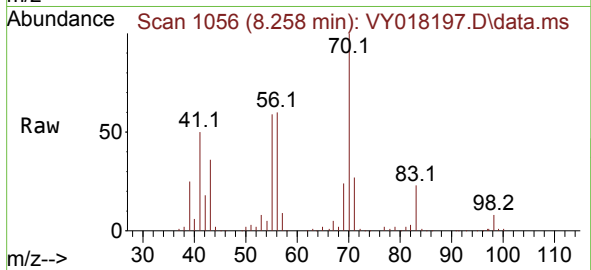
Tgt Ion: 41 Resp: 3560
Ion Ratio Lower Upper
41 100
39 71.8 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



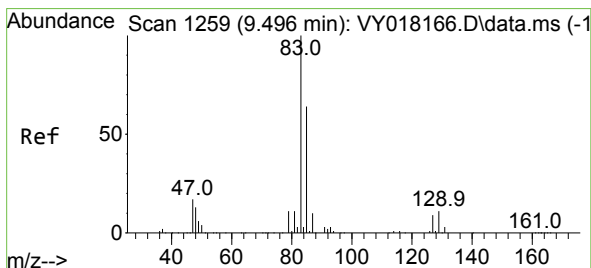
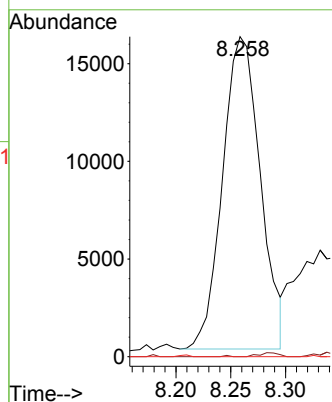
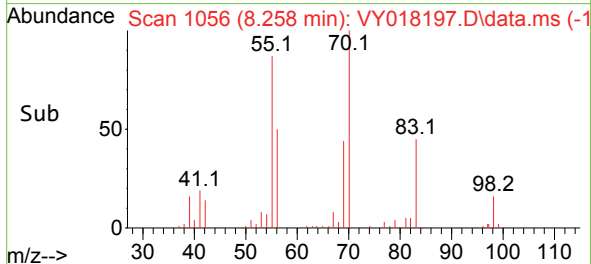


#43
Isopropyl Acetate
Concen: 189.781 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Instrument :
MSVOA_Y
ClientSampleId :

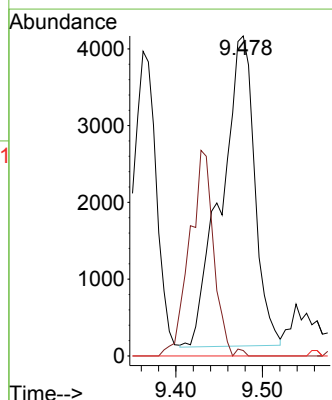
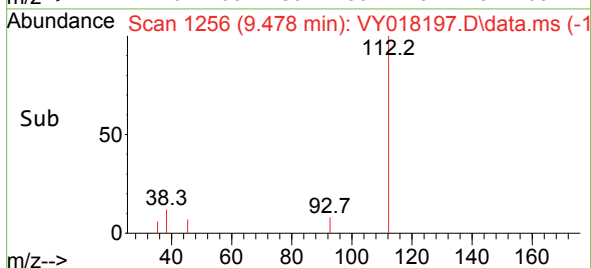
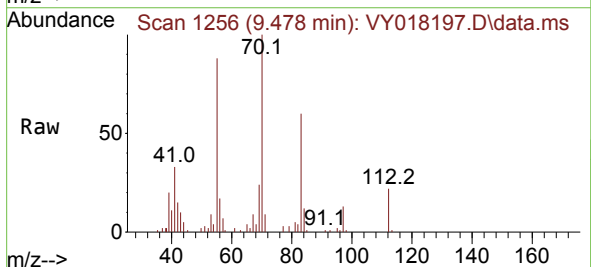


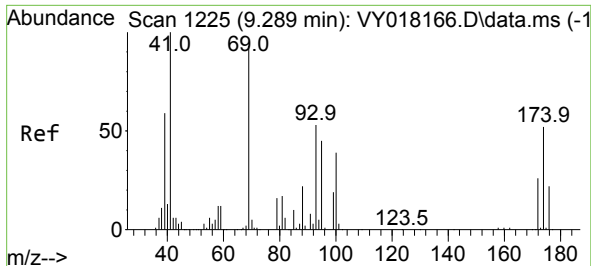
Tgt Ion: 43 Resp: 38385
Ion Ratio Lower Upper
43 100
61 0.1 27.9 41.9#
87 0.0 13.1 19.7#



#47
Bromodichloromethane
Concen: 46.263 ug/l
RT: 9.478 min Scan# 1256
Delta R.T. -0.018 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

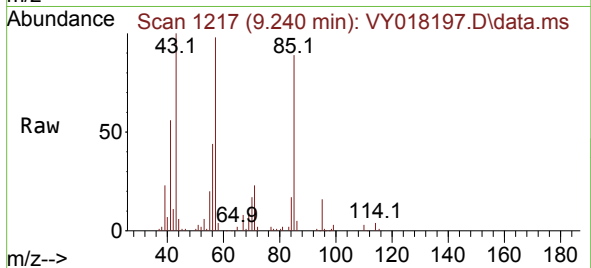
Tgt Ion: 83 Resp: 10840
Ion Ratio Lower Upper
83 100
85 1.7 50.1 75.1#
127 0.0 7.4 11.0#



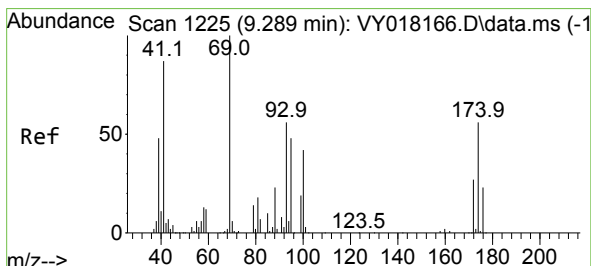
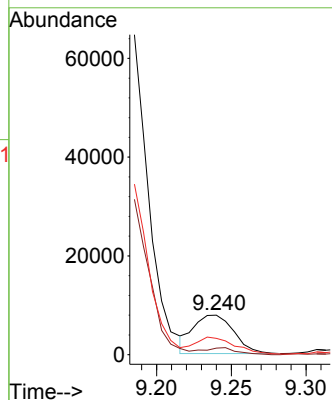
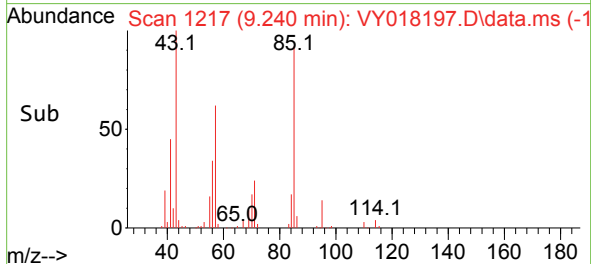


#48
Methyl methacrylate
Concen: 157.651 ug/l
RT: 9.240 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

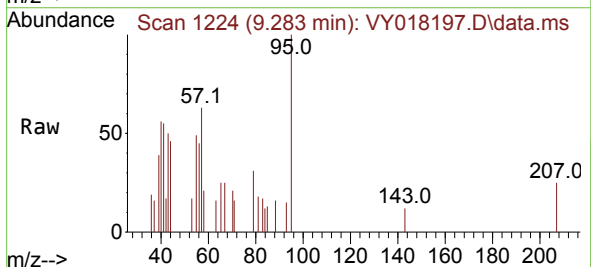
Instrument :
MSVOA_Y
ClientSampleId :



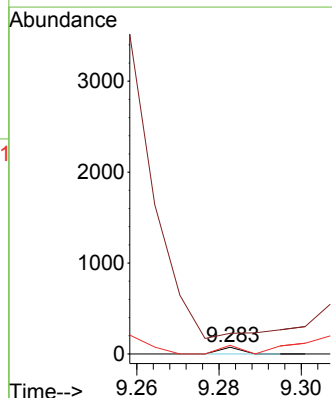
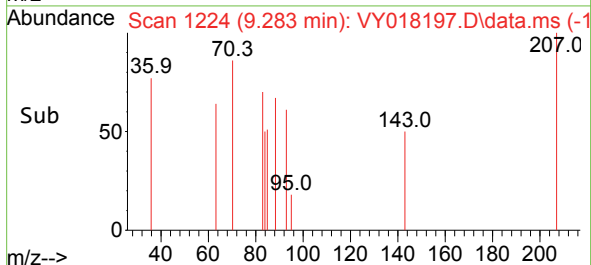
Tgt Ion: 41 Resp: 14614
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 43.0 43.6 65.4#

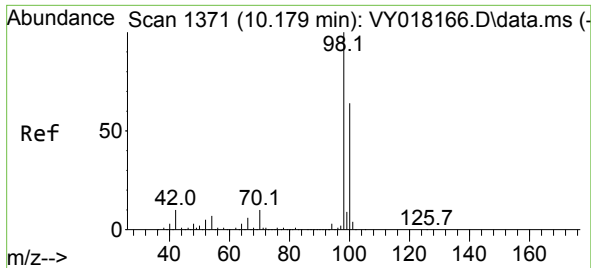


#49
1,4-Dioxane
Concen: 21.461 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48



Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

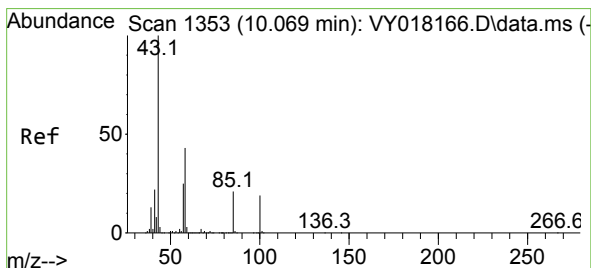
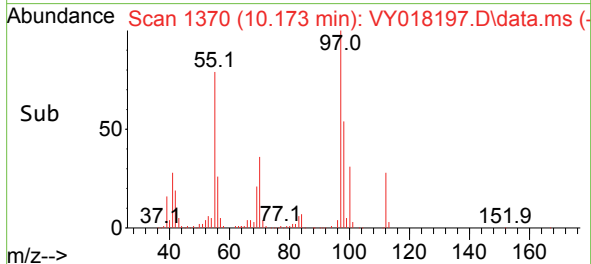
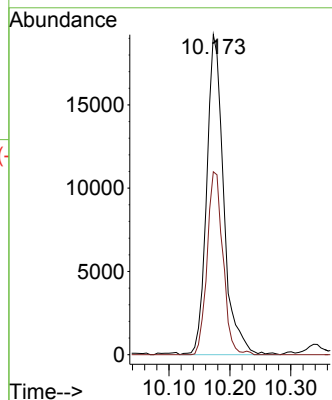
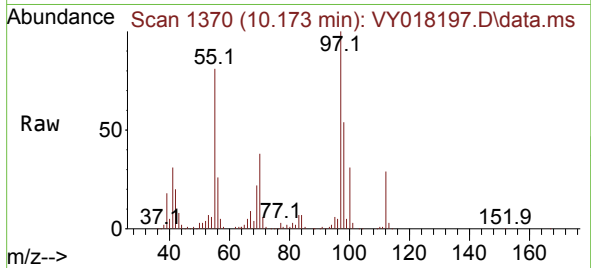




#50
Toluene-d8
Concen: 57.832 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

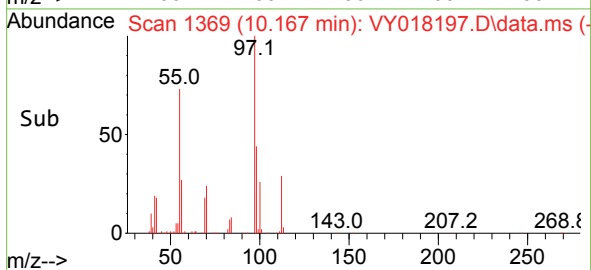
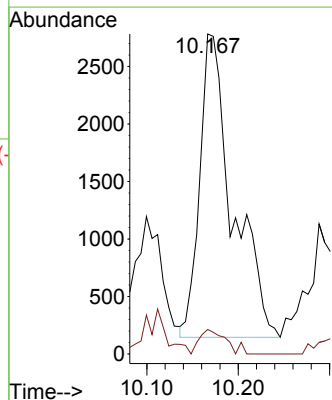
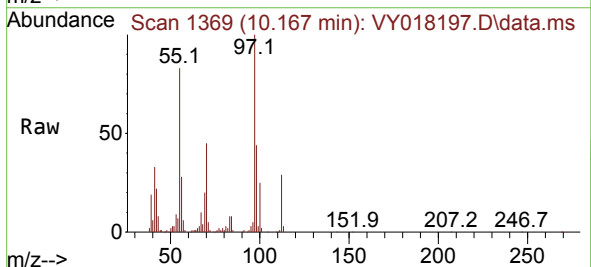
Instrument :
MSVOA_Y
ClientSampleId :

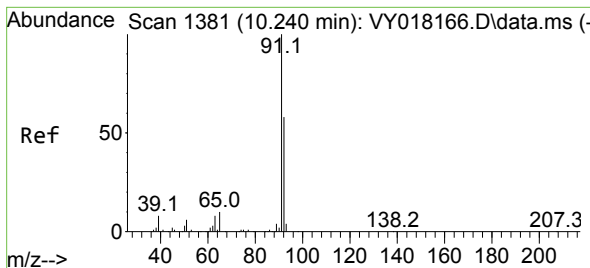
Tgt Ion: 98 Resp: 37270
Ion Ratio Lower Upper
98 100
100 53.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 65.082 ug/l
RT: 10.167 min Scan# 1369
Delta R.T. 0.098 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 43 Resp: 6616
Ion Ratio Lower Upper
43 100
58 6.5 35.7 53.5#





#52

Toluene

Concen: 6.742 ug/l

RT: 10.246 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

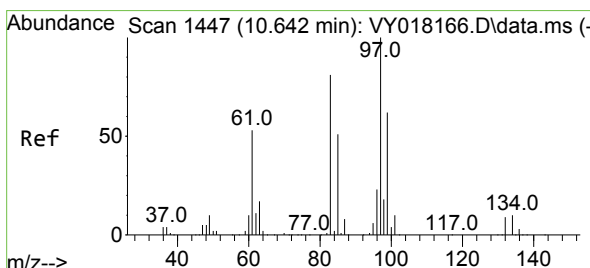
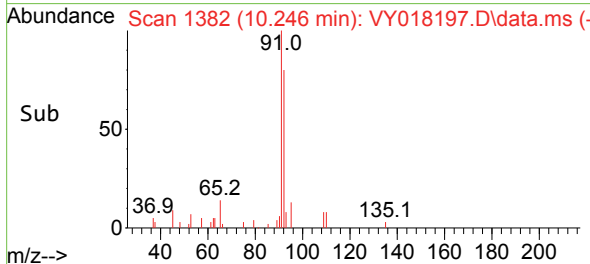
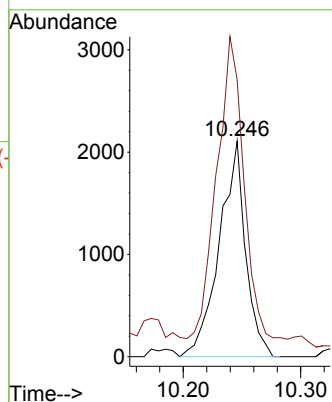
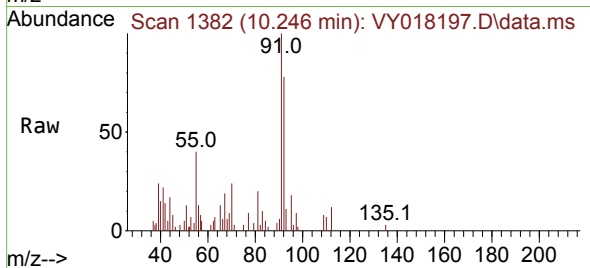
ClientSampleId :

Tgt Ion: 92 Resp: 3273

Ion Ratio Lower Upper

92 100

91 148.3 139.0 208.6



#55

1,1,2-Trichloroethane

Concen: 364.984 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.024 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Tgt Ion: 97 Resp: 47522

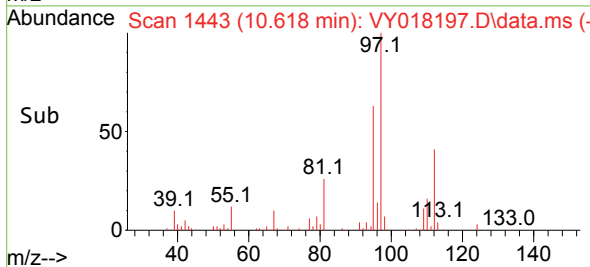
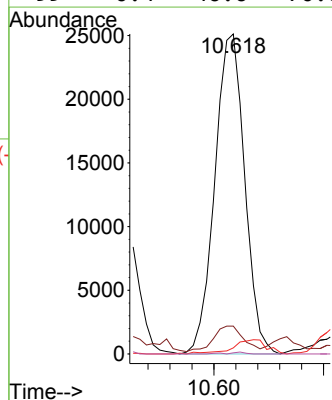
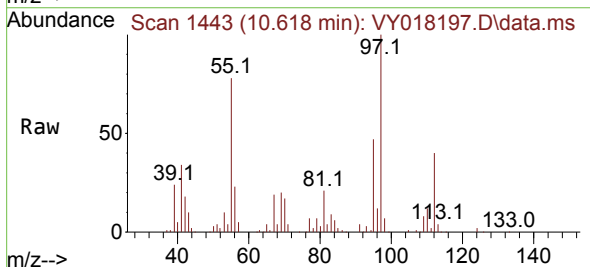
Ion Ratio Lower Upper

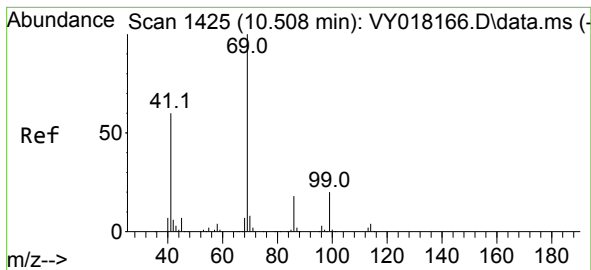
97 100

83 7.6 67.5 101.3#

85 1.6 42.9 64.3#

99 0.4 46.6 70.0#

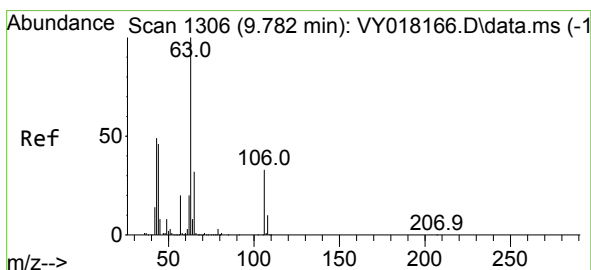
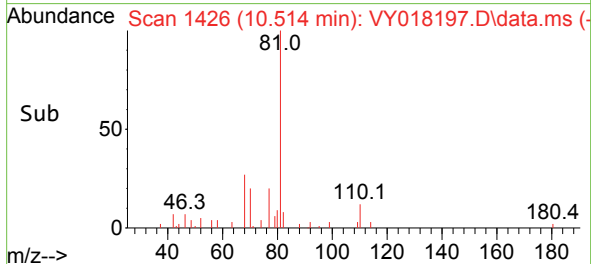
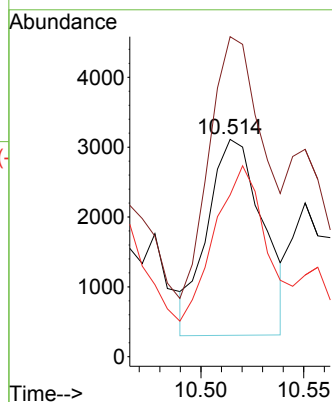
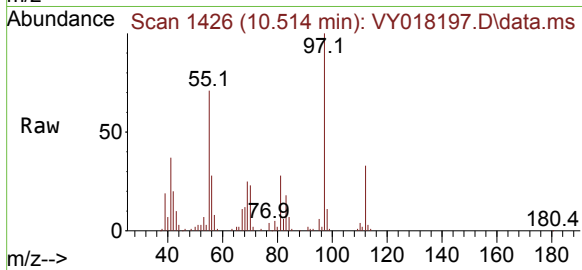




#56
Ethyl methacrylate
Concen: 29.729 ug/l
RT: 10.514 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

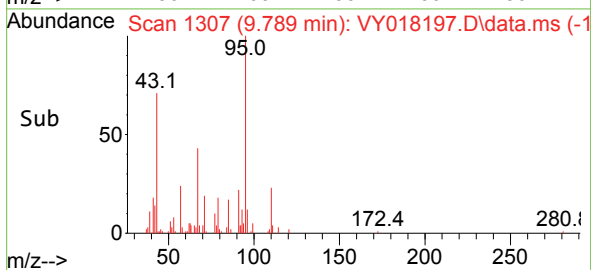
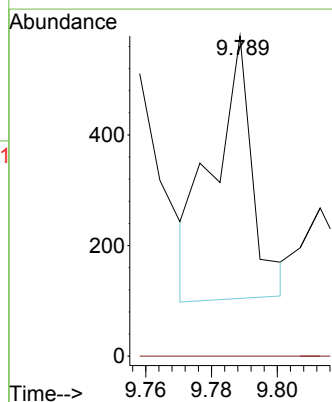
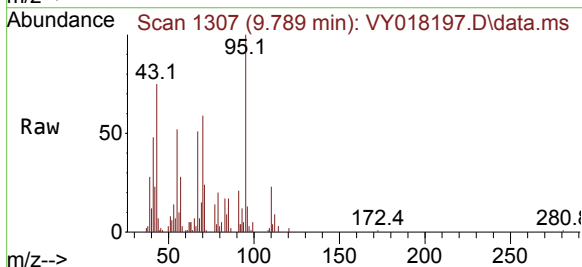
Instrument :
MSVOA_Y
ClientSampleId :

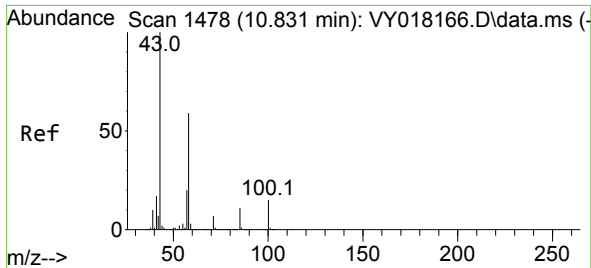
Tgt Ion: 69 Resp: 5257
Ion Ratio Lower Upper
69 100
41 129.8 42.3 63.5#
39 81.2 22.9 34.3#



#58
2-Chloroethyl Vinyl ether
Concen: 4.631 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 63 Resp: 391
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#

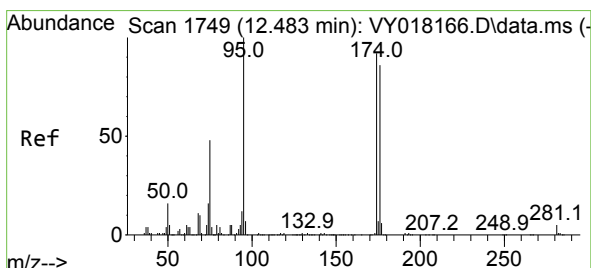
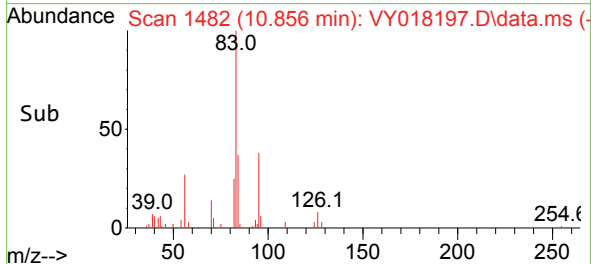
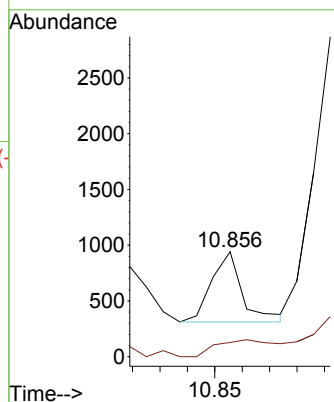
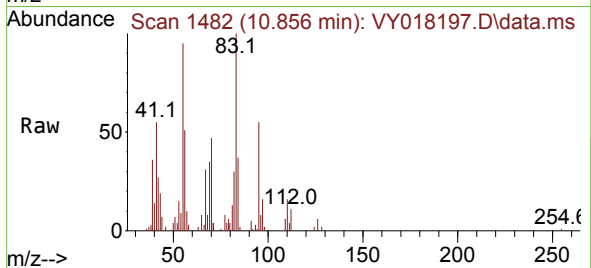




#59
2-Hexanone
Concen: 6.936 ug/l
RT: 10.856 min Scan# 1478
Delta R.T. 0.024 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

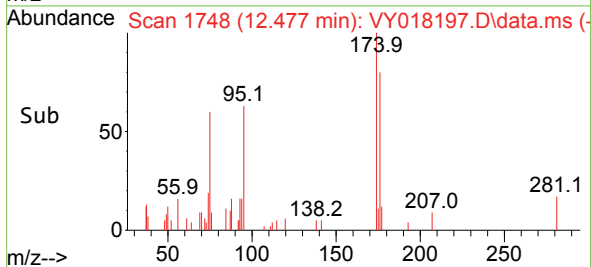
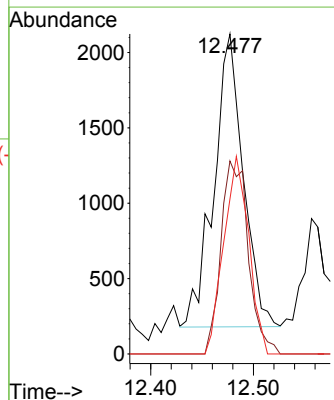
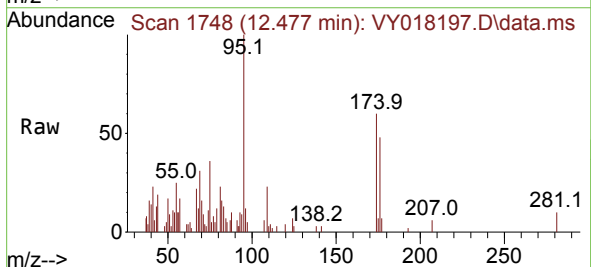
Instrument :
MSVOA_Y
ClientSampleId :

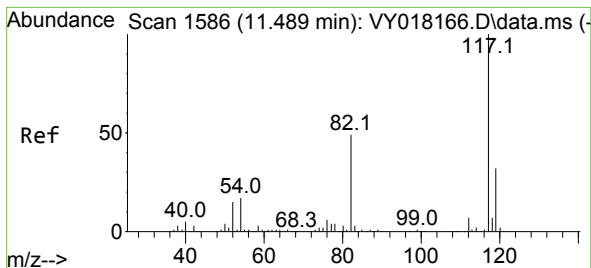
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
58 46.7 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 18.542 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 95 Resp: 3859
Ion Ratio Lower Upper
95 100
174 61.2 0.0 175.6
176 57.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

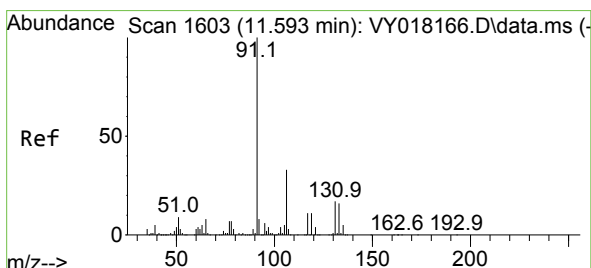
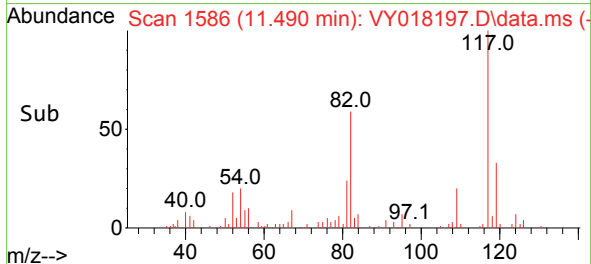
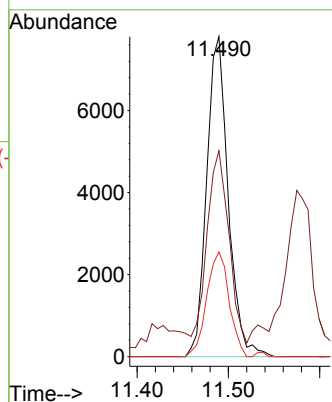
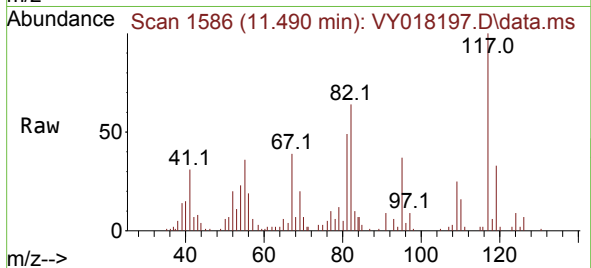
Tgt Ion:117 Resp: 12758

Ion Ratio Lower Upper

117 100

82 56.5 42.4 63.6

119 32.8 25.9 38.9



#67

Ethyl Benzene

Concen: 239.723 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY018197.D

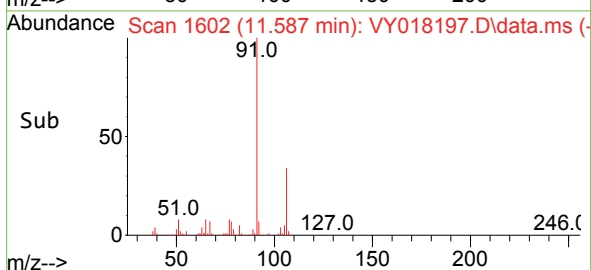
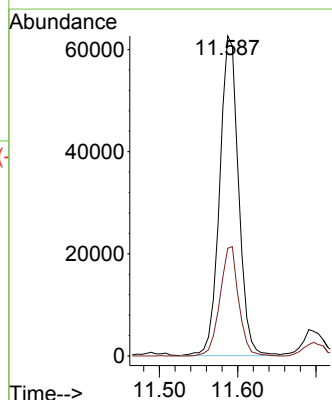
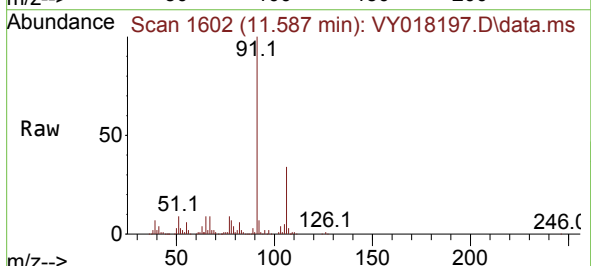
Acq: 08 May 2024 18:48

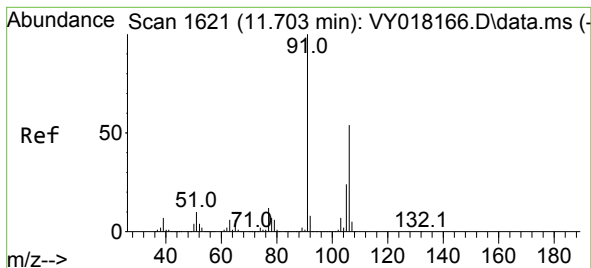
Tgt Ion: 91 Resp: 105172

Ion Ratio Lower Upper

91 100

106 33.7 24.5 36.7

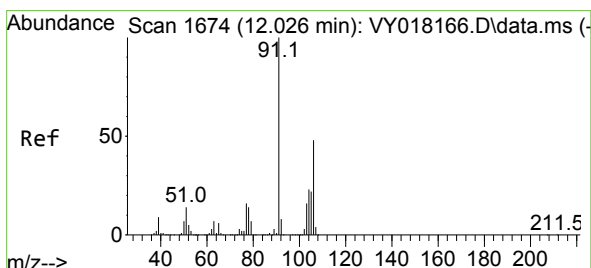
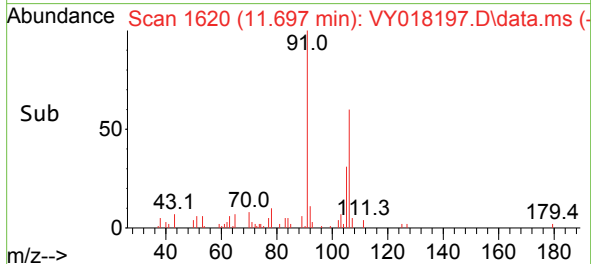
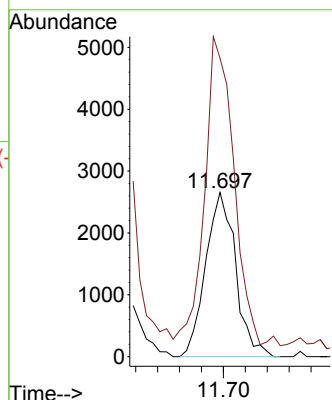
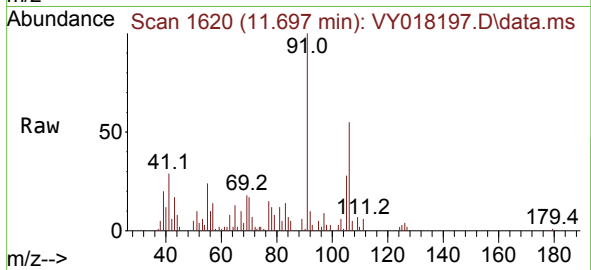




#68
m/p-Xylenes
Concen: 28.992 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

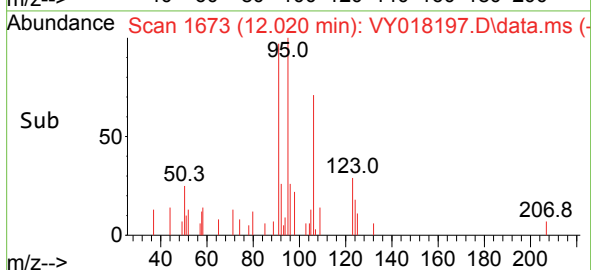
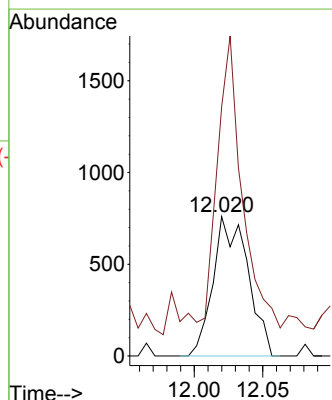
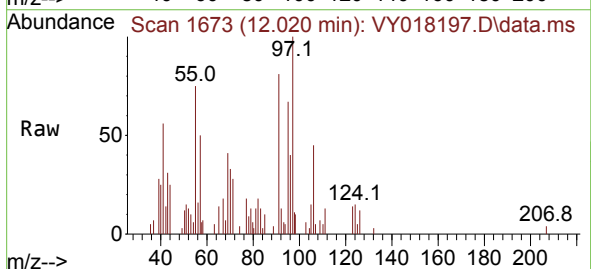
Instrument :
MSVOA_Y
ClientSampleId :

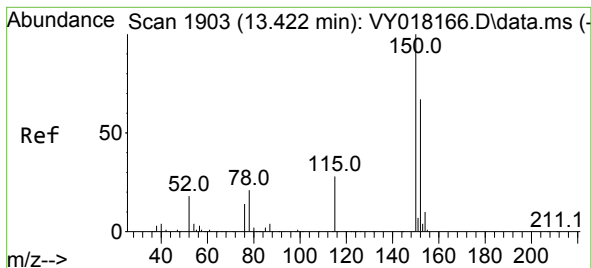
Tgt Ion:106 Resp: 5030
Ion Ratio Lower Upper
106 100
91 180.3 156.0 234.0



#69
o-Xylene
Concen: 8.066 ug/l
RT: 12.020 min Scan# 1673
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

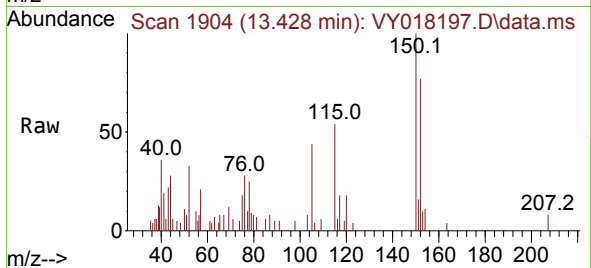
Tgt Ion:106 Resp: 1343
Ion Ratio Lower Upper
106 100
91 170.3 103.6 310.8



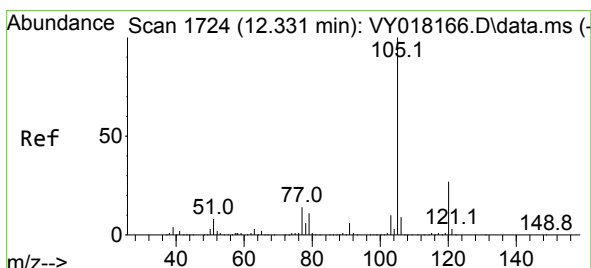
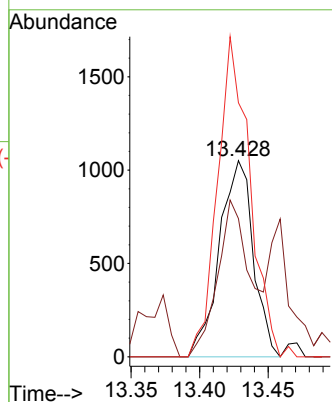
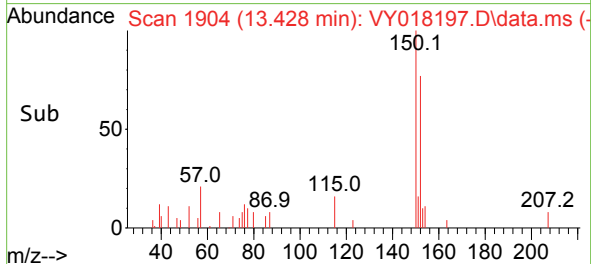


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

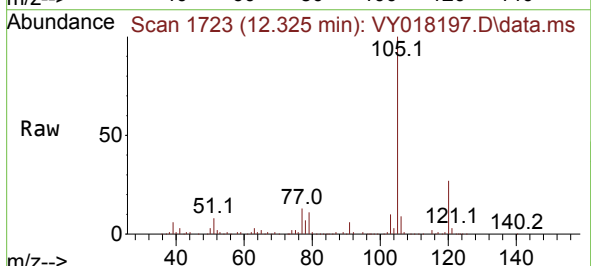
Instrument :
MSVOA_Y
ClientSampleId :



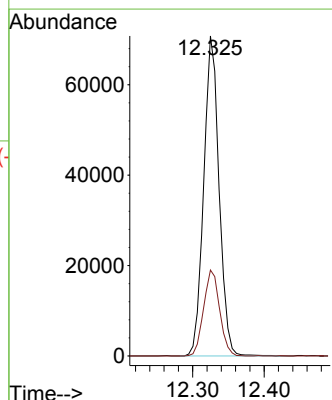
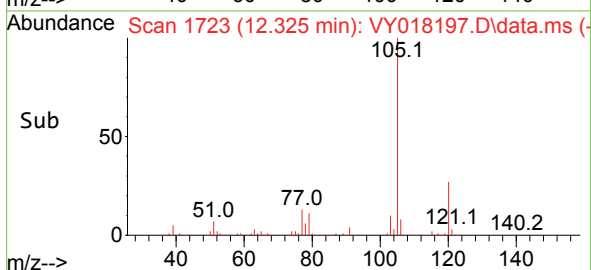
Tgt Ion:152 Resp: 1804
Ion Ratio Lower Upper
152 100
115 77.5 28.2 84.7
150 155.9 0.0 345.6

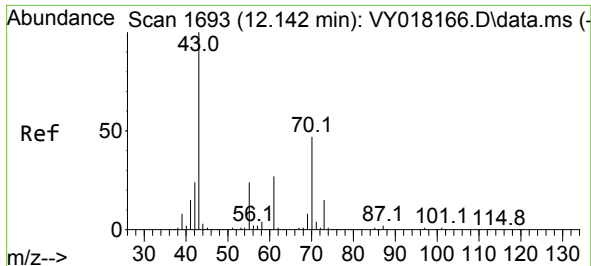


#73
Isopropylbenzene
Concen: 780.066 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48



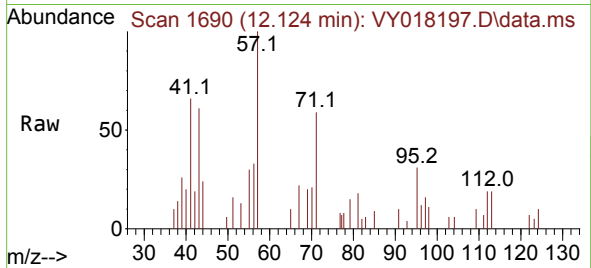
Tgt Ion:105 Resp: 105509
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



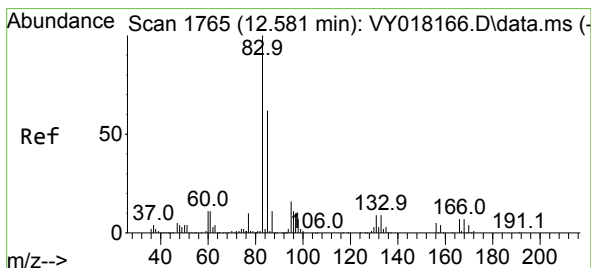
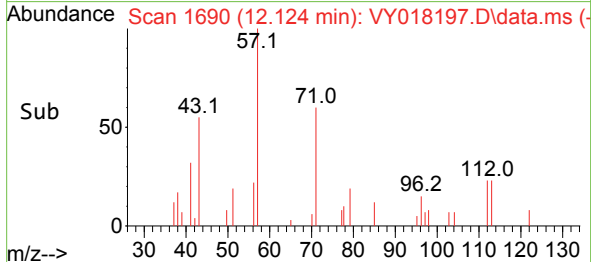
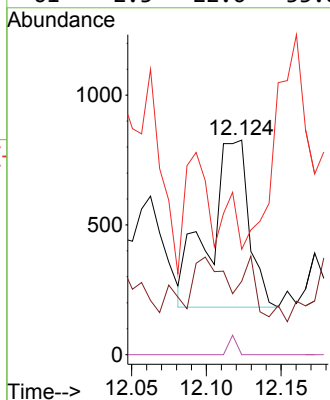


#74
N-amy1 acetate
Concen: 42.240 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Instrument :
MSVOA_Y
ClientSampleId :

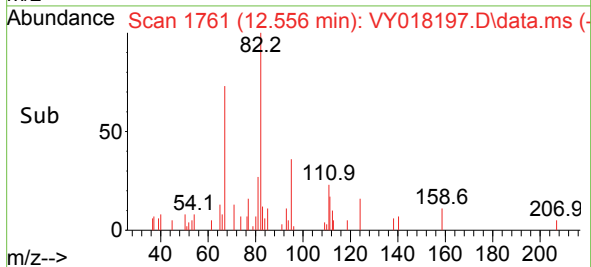
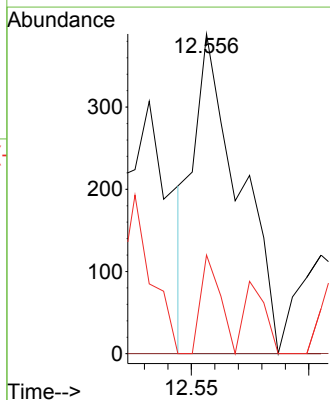
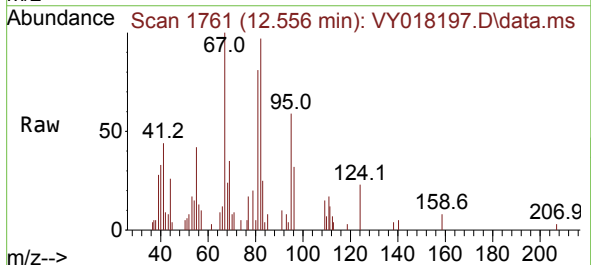


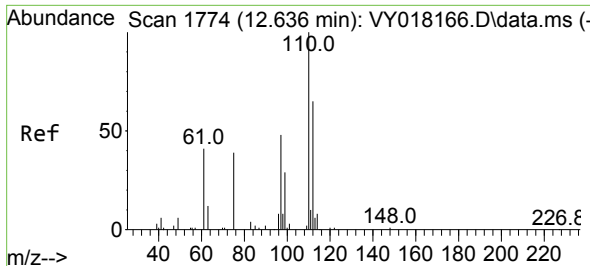
Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.2#
55 0.0 23.3 34.9#
61 2.3 22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 24.332 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.024 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 83 Resp: 525
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 13.1 32.0 96.0#

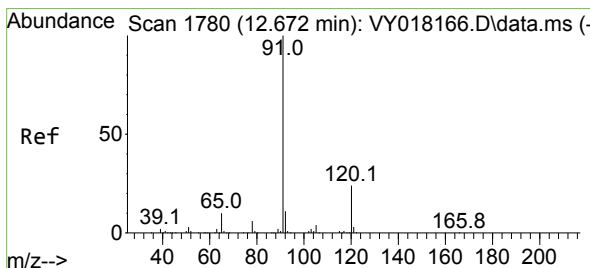
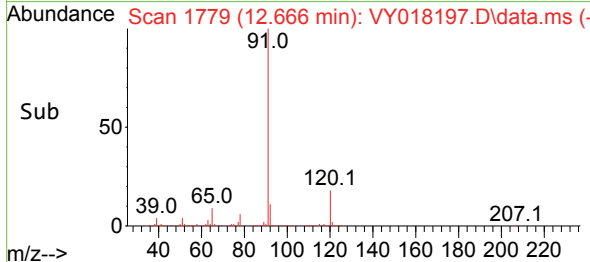
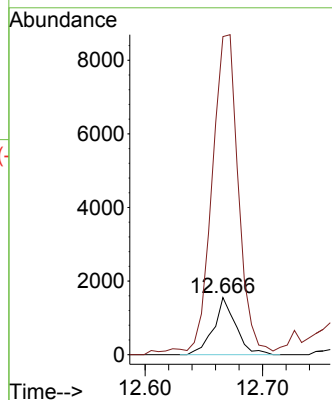
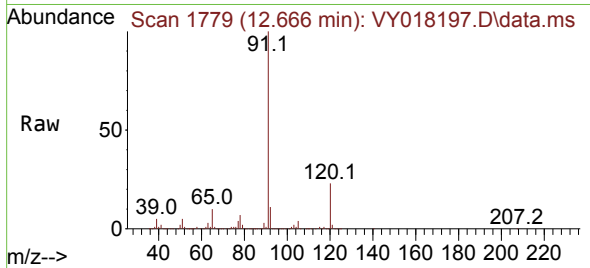




#76
1,2,3-Trichloropropane
Concen: 140.791 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.031 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

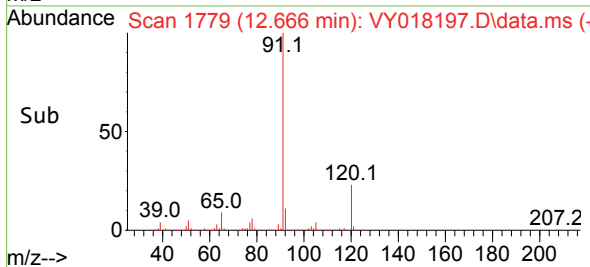
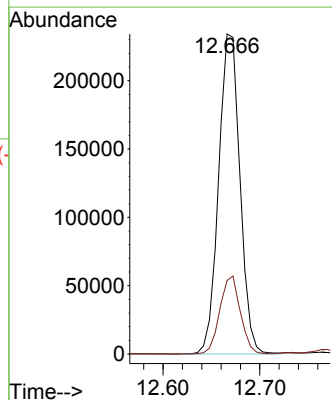
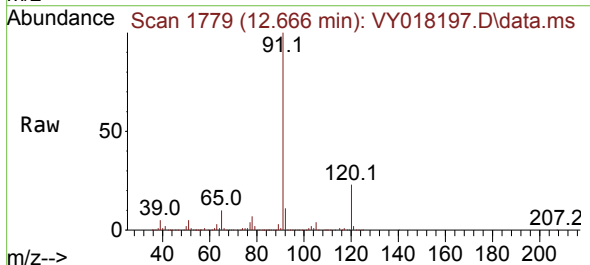
Instrument :
MSVOA_Y
ClientSampleId :

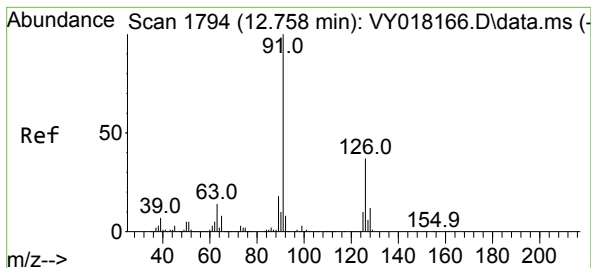
Tgt Ion: 75 Resp: 2033
Ion Ratio Lower Upper
75 100
77 676.5 0.0 0.0#



#78
n-propylbenzene
Concen: 2279.955 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 91 Resp: 358689
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 4102.891 ug/l

RT: 12.666 min Scan# 1

Delta R.T. -0.091 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

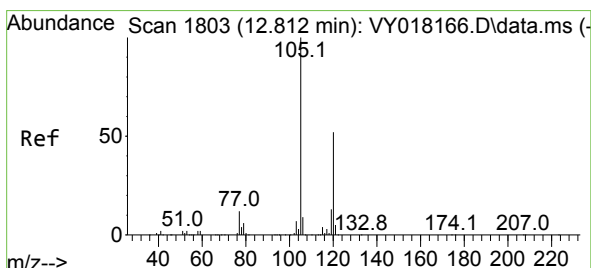
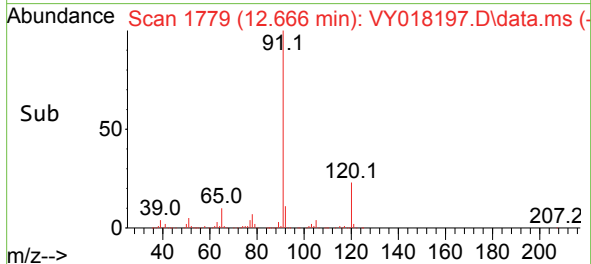
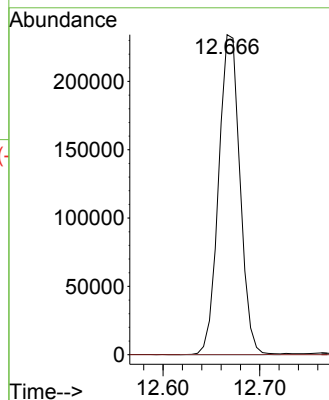
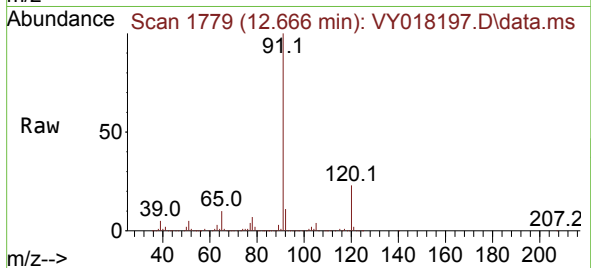
ClientSampleId :

Tgt Ion: 91 Resp: 358689

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



#80

1,3,5-Trimethylbenzene

Concen: 471.741 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018197.D

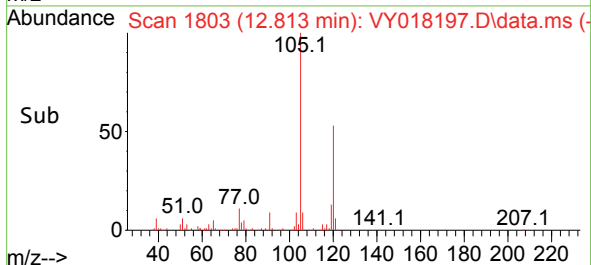
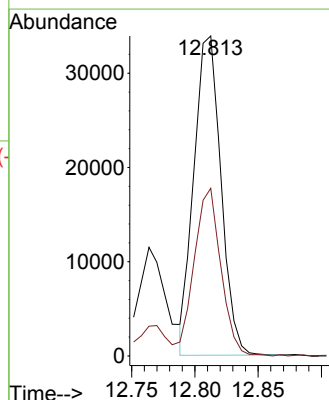
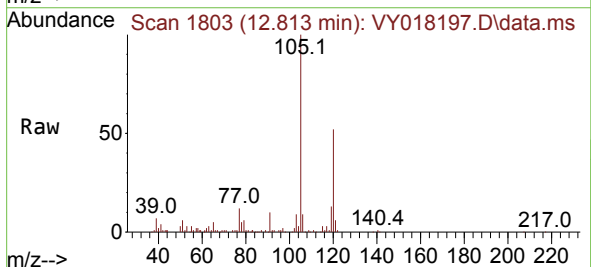
Acq: 08 May 2024 18:48

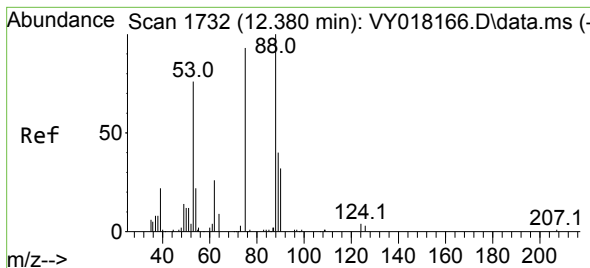
Tgt Ion:105 Resp: 50313

Ion Ratio Lower Upper

105 100

120 52.3 25.1 75.2

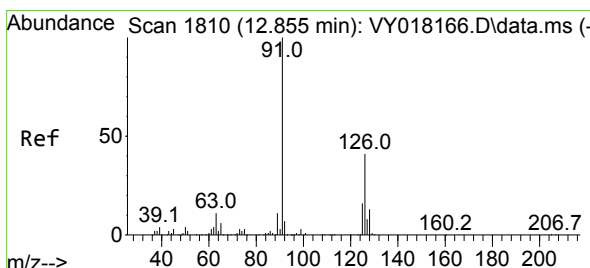
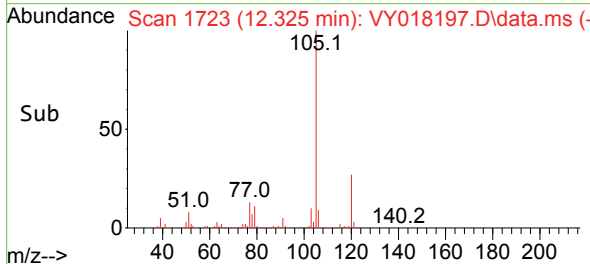
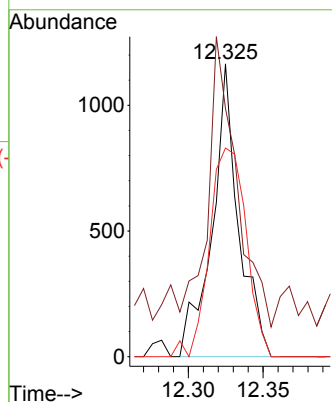
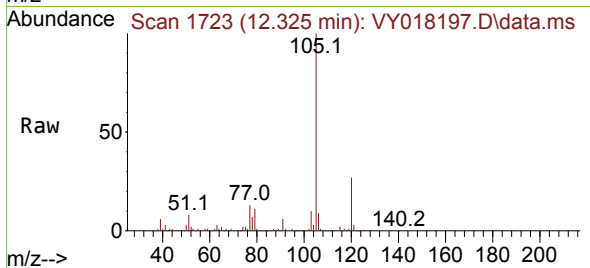




#81
trans-1,4-Dichloro-2-butene
Concen: 190.667 ug/l
RT: 12.325 min Scan# 1779
Delta R.T. -0.055 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

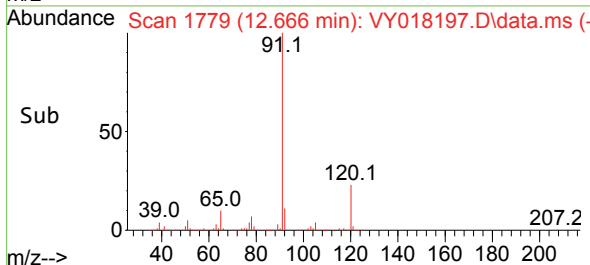
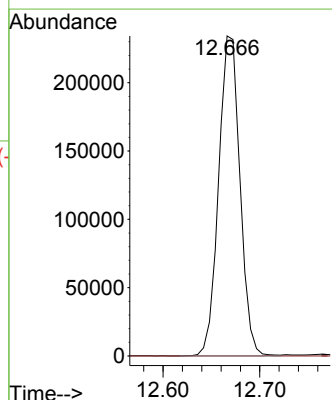
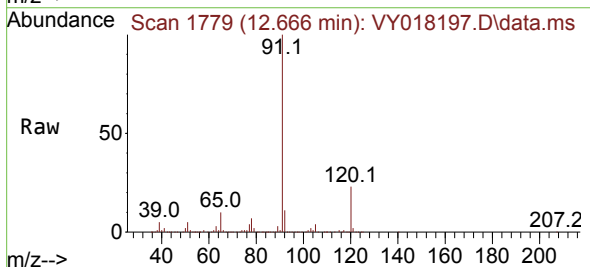
Instrument :
MSVOA_Y
ClientSampleId :

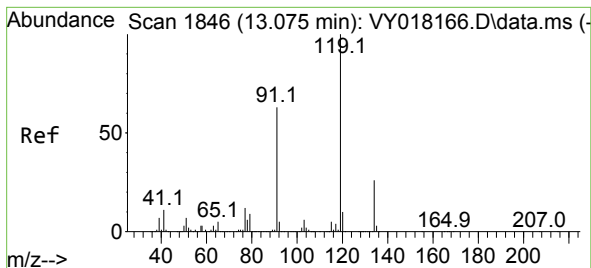
Tgt Ion: 75 Resp: 1429
Ion Ratio Lower Upper
75 100
53 125.2 66.8 100.2#
89 99.3 35.8 53.6#



#82
4-Chlorotoluene
Concen: 4084.610 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.189 min
Lab File: VY018197.D
Acq: 08 May 2024 18:48

Tgt Ion: 91 Resp: 358689
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#83

tert-Butylbenzene

Concen: 3.222 ug/l

RT: 13.069 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

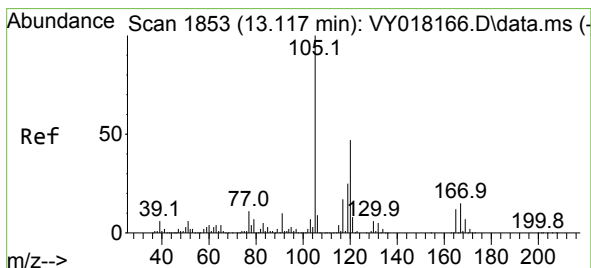
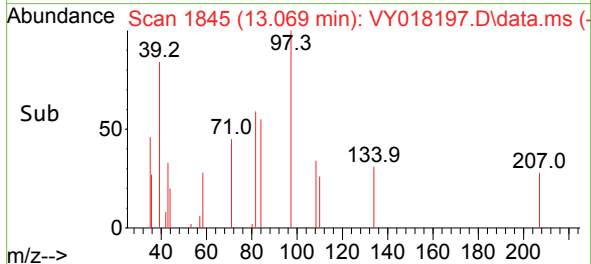
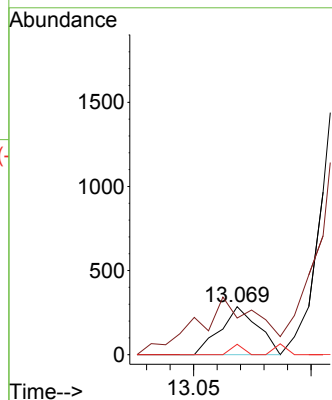
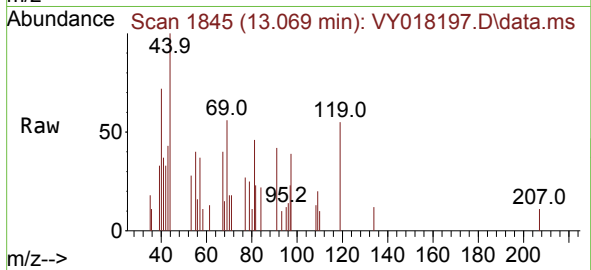
Tgt Ion:119 Resp: 317

Ion Ratio Lower Upper

119 100

91 202.5 31.3 93.8#

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 253.784 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018197.D

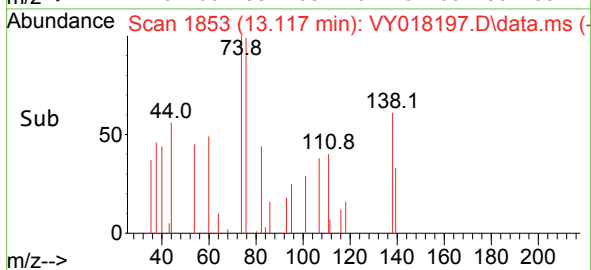
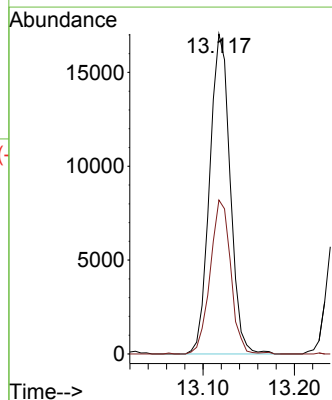
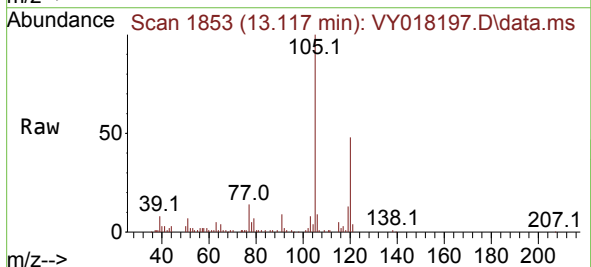
Acq: 08 May 2024 18:48

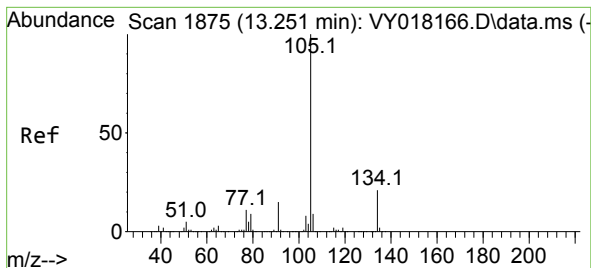
Tgt Ion:105 Resp: 26514

Ion Ratio Lower Upper

105 100

120 48.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 131.469 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

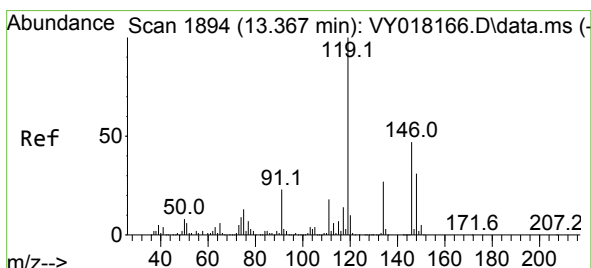
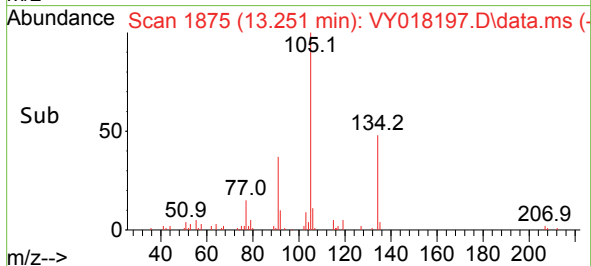
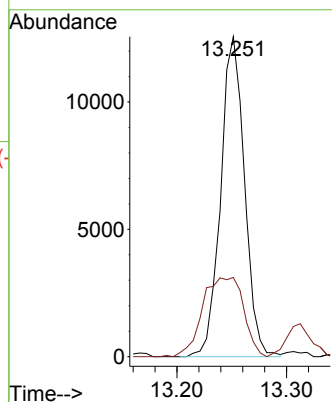
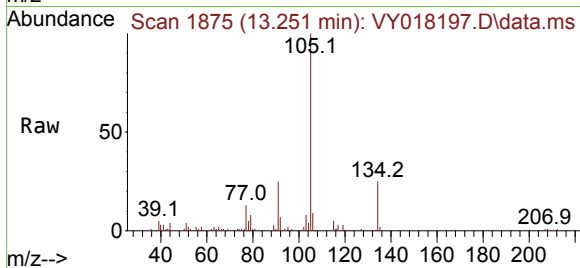
ClientSampleId :

Tgt Ion:105 Resp: 18971

Ion Ratio Lower Upper

105 100

134 42.5 10.1 30.1#



#86

p-Isopropyltoluene

Concen: 52.009 ug/l

RT: 13.306 min Scan# 1884

Delta R.T. -0.061 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

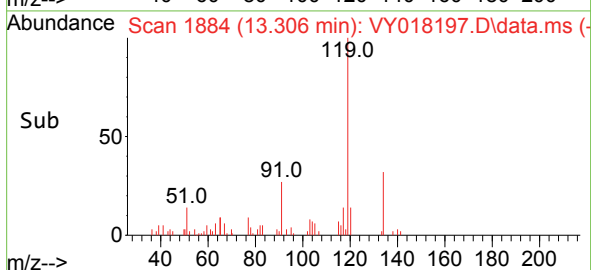
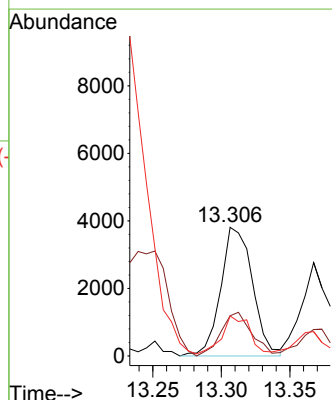
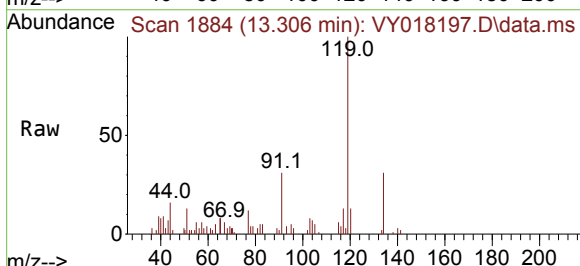
Tgt Ion:119 Resp: 6174

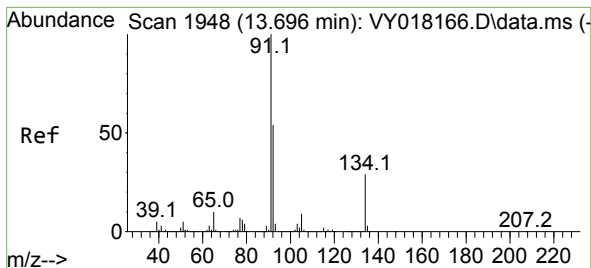
Ion Ratio Lower Upper

119 100

134 33.3 13.1 39.3

91 25.5 10.7 32.1





#89

n-Butylbenzene

Concen: 205.476 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY018197.D

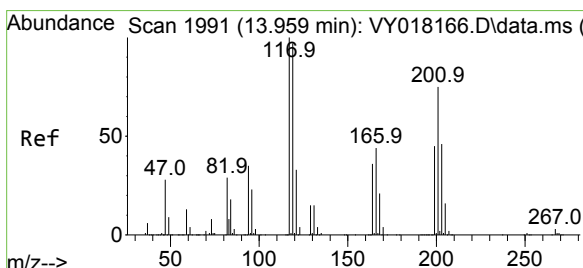
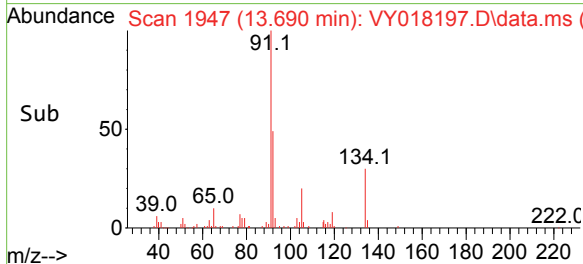
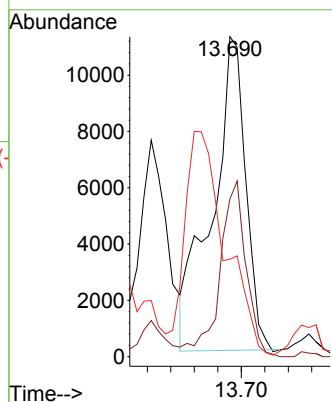
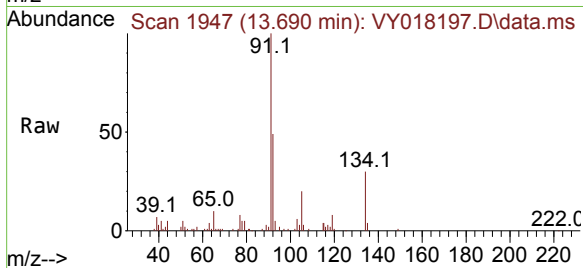
Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 22075
 Ion Ratio Lower Upper
 91 100
 92 44.0 26.6 79.7
 134 0.0 12.9 38.7#



#90

Hexachloroethane

Concen: 159.217 ug/l

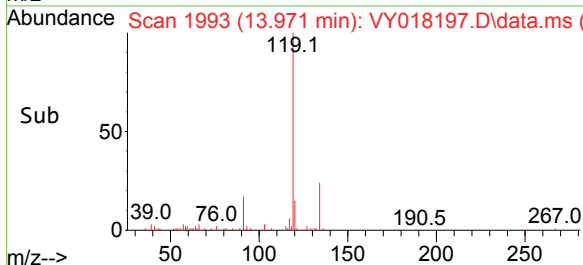
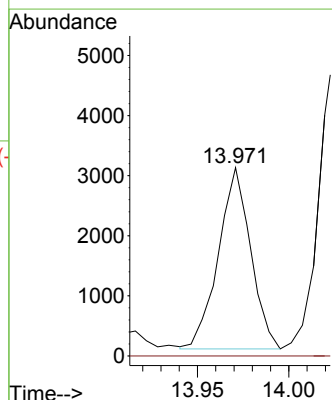
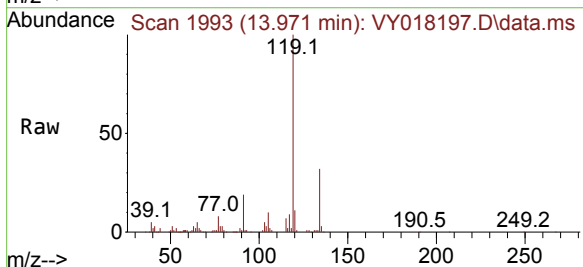
RT: 13.971 min Scan# 1993

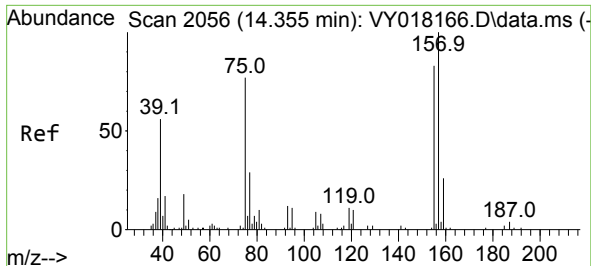
Delta R.T. 0.012 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

Tgt Ion: 117 Resp: 3708
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.4 112.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 27.230 ug/l

RT: 14.367 min Scan# 2056

Delta R.T. 0.012 min

Lab File: VY018197.D

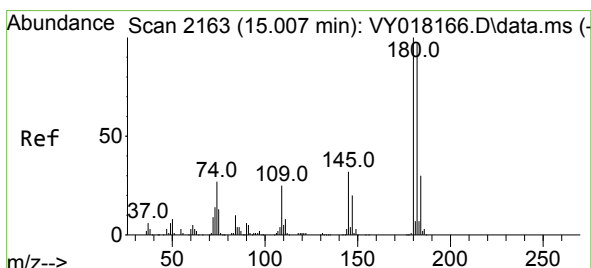
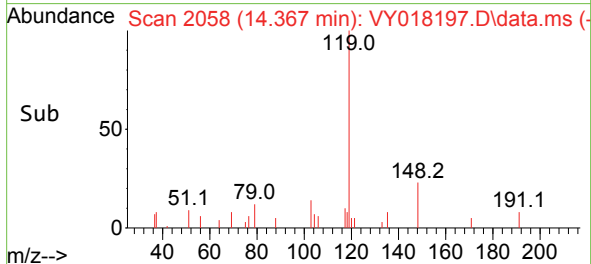
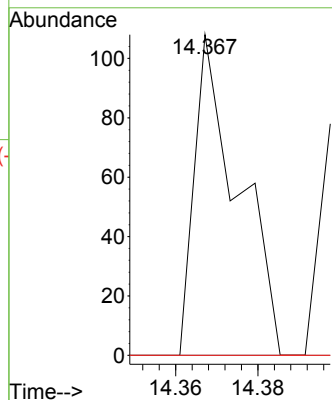
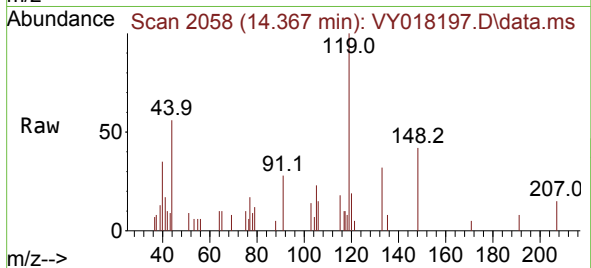
Acq: 08 May 2024 18:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	80
Ion Ratio	Lower	Upper
75	100	
155	0.0	48.6 145.8#
157	0.0	62.7 188.2#



#93

1,2,4-Trichlorobenzene

Concen: 1.448 ug/l

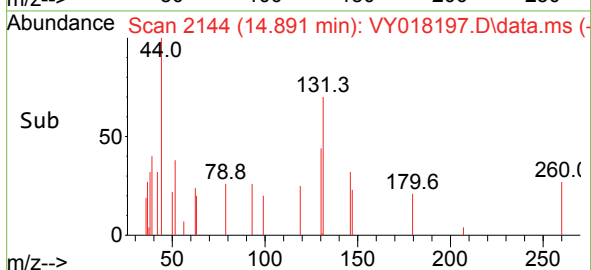
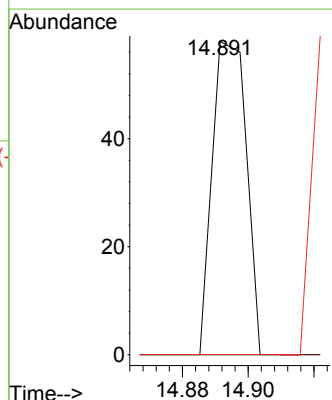
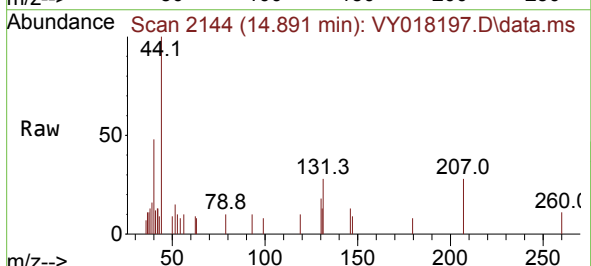
RT: 14.891 min Scan# 2144

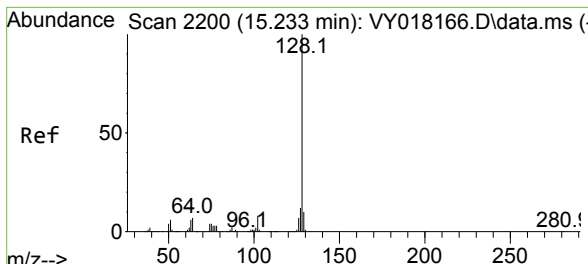
Delta R.T. -0.116 min

Lab File: VY018197.D

Acq: 08 May 2024 18:48

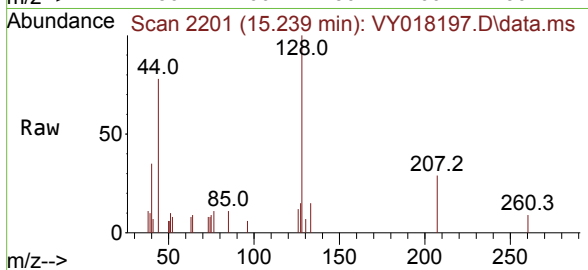
Tgt Ion: 180	Resp:	42
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.9 143.8#
145	0.0	14.2 42.6#





#95
 Naphthalene
 Concen: 28.401 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY018197.D
 Acq: 08 May 2024 18:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	1509
Ion Ratio	Lower	Upper	
128	100		
127	11.5	10.6	16.0
129	3.2	8.6	13.0

