

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018202.D
 Acq On : 09 May 2024 10:46
 Operator : SY/MD
 Sample : VY0509SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:14:03 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	217452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	352214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97902	61.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.400%
35) Dibromofluoromethane	7.710	113	116792	54.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.179	98	453360	53.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.483	95	132237	48.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.520%

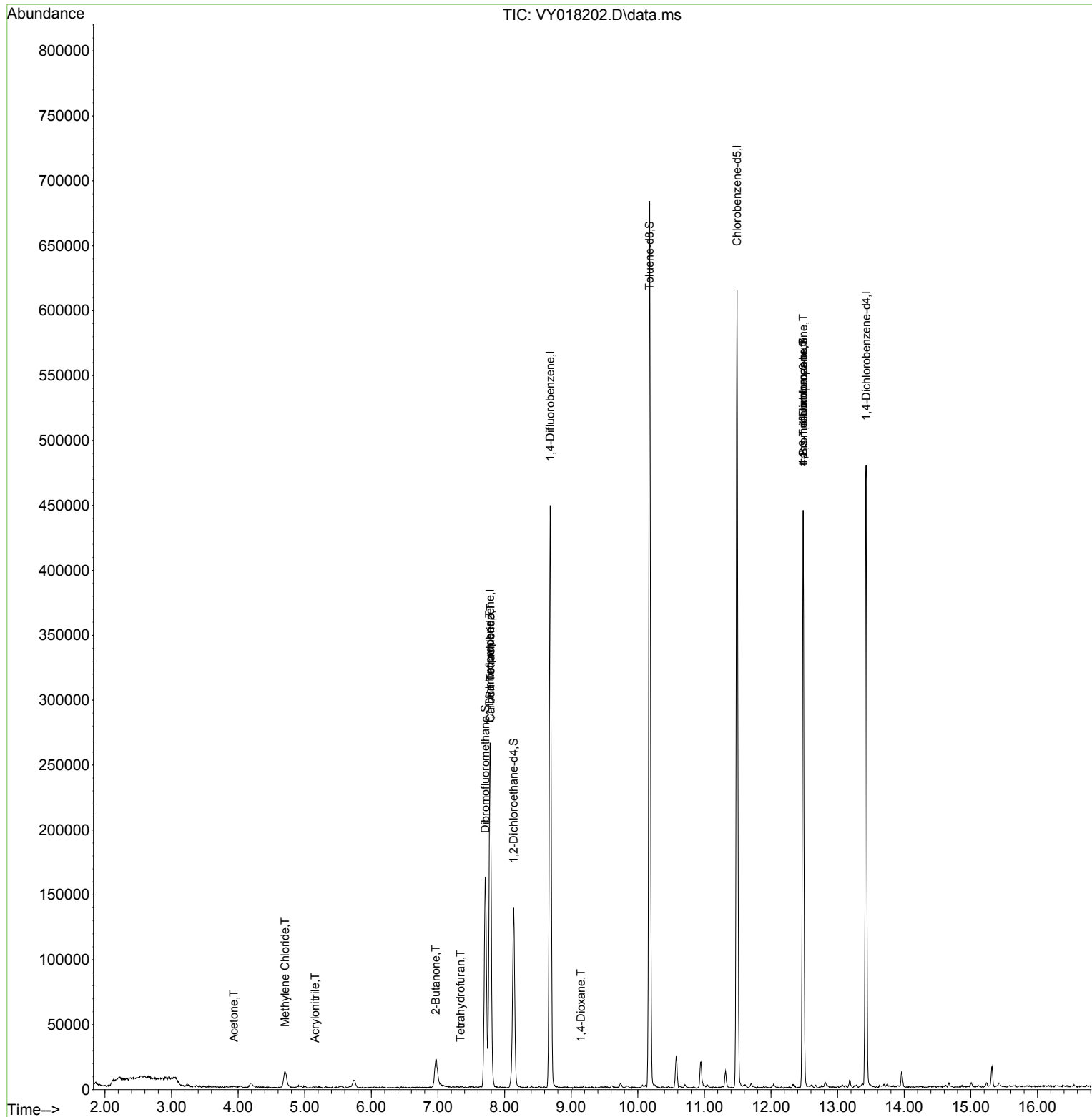
Target Compounds					Qvalue
11) Tert butyl alcohol	4.918	59	557	Below Cal	# 88
13) Acrolein	3.710	56	176	Below Cal	# 70
15) Acrylonitrile	5.155	53	512	1.234 ug/l	# 38
16) Acetone	3.936	43	1574	4.930 ug/l	93
20) Methylene Chloride	4.704	84	9891	4.383 ug/l	88
25) 2-Butanone	6.966	43	736	1.442 ug/l	# 84
29) Tetrahydrofuran	7.338	42	451	1.339 ug/l	# 30
31) Cyclohexane	7.789	56	4302	Below Cal	# 11
36) 1,1-Dichloropropene	7.777	75	15263	4.996 ug/l	# 51
38) Carbon Tetrachloride	7.789	117	20545	6.155 ug/l	# 16
49) 1,4-Dioxane	9.148	88	42	2.562 ug/l	# 20
76) 1,2,3-Trichloropropane	12.483	75	65283	62.706 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	65283	120.814 ug/l	# 16

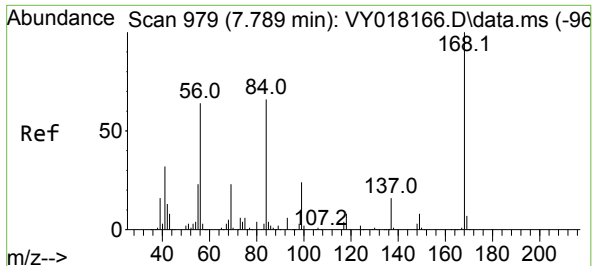
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 10 01:14:03 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

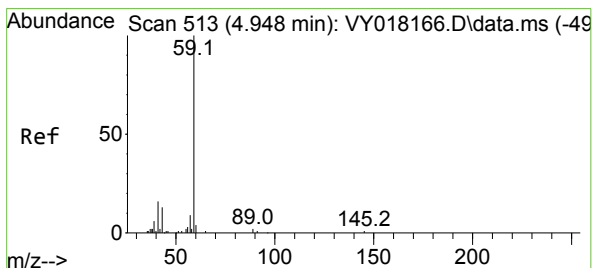
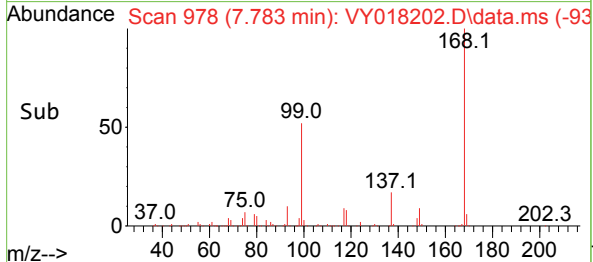
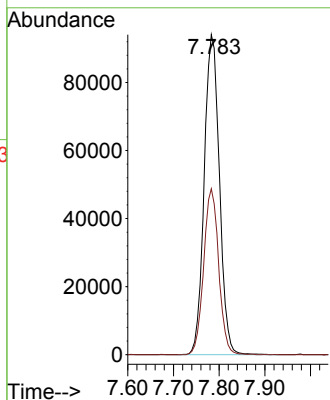
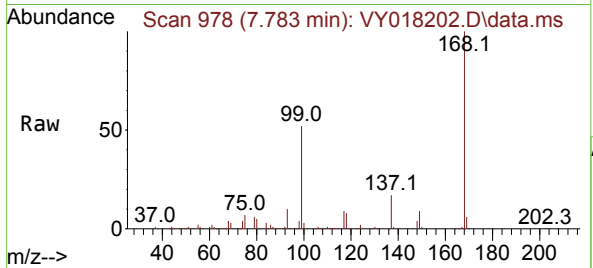




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

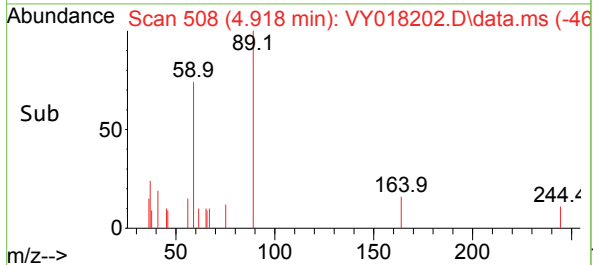
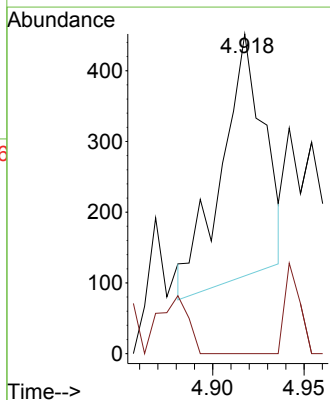
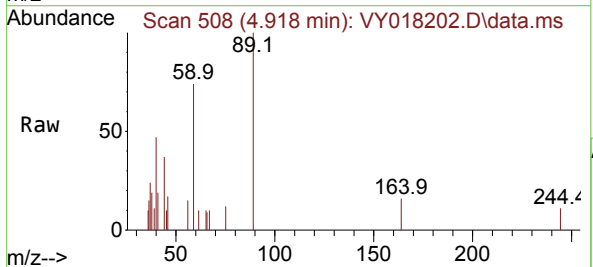
Instrument :
MSVOA_Y
ClientSampleId :

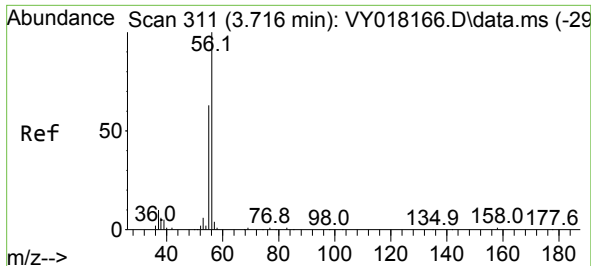
Tgt Ion:168 Resp: 217452
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

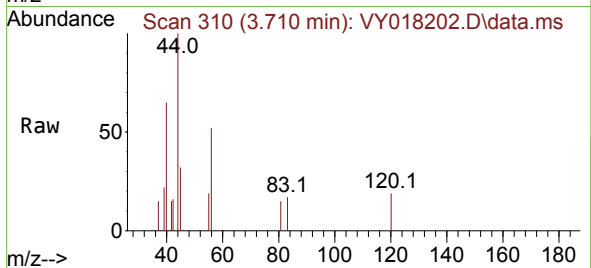
Tgt Ion: 59 Resp: 557
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



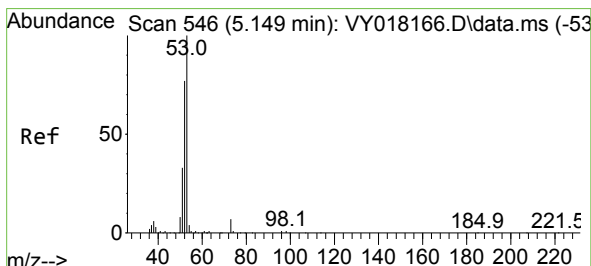
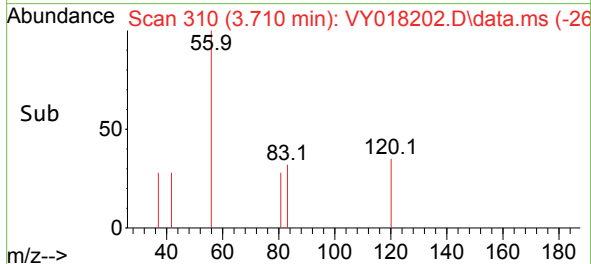
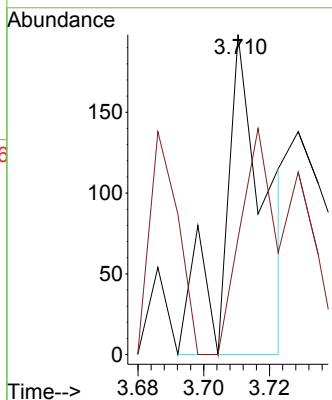


#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

Instrument :
MSVOA_Y
ClientSampleId :

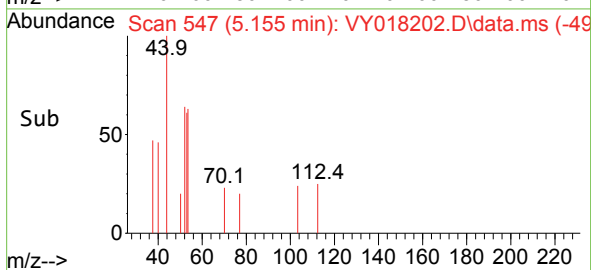
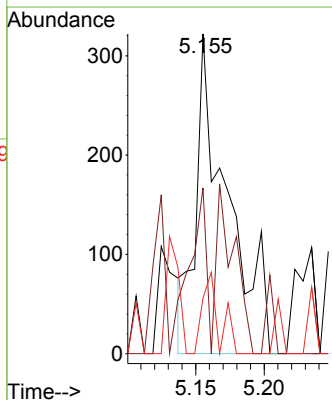
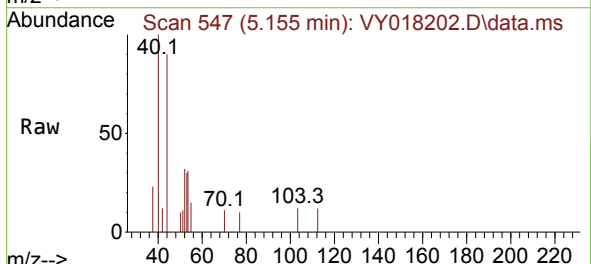


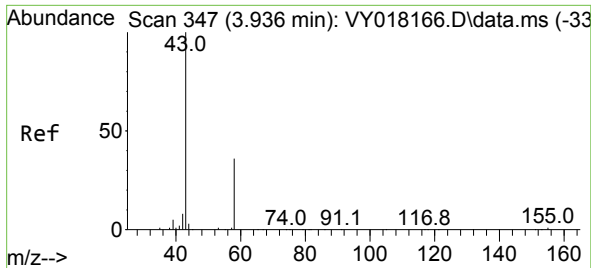
Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 93.8 55.7 83.5#



#15
Acrylonitrile
Concen: 1.234 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

Tgt Ion: 53 Resp: 512
Ion Ratio Lower Upper
53 100
52 24.8 64.7 97.1#
51 0.0 28.4 42.6#

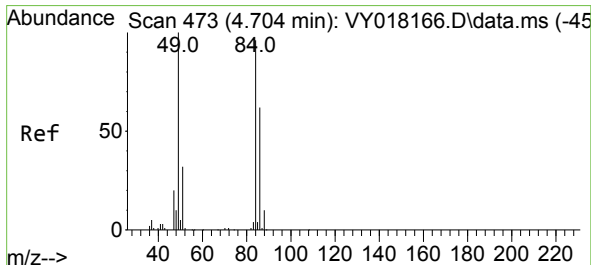
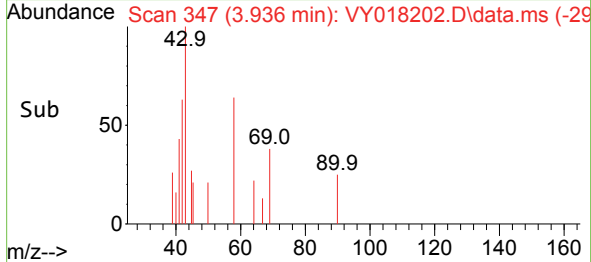
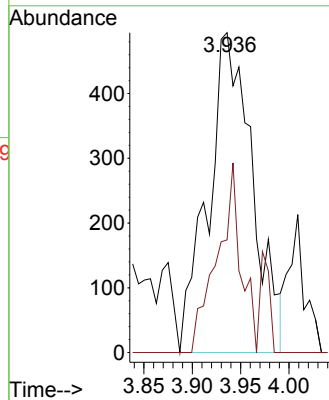
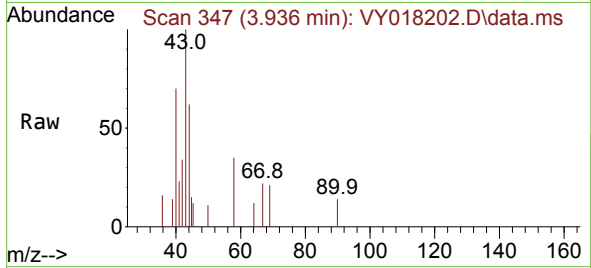




#16
Acetone
Concen: 4.930 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

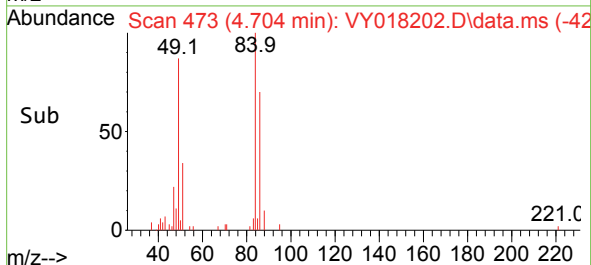
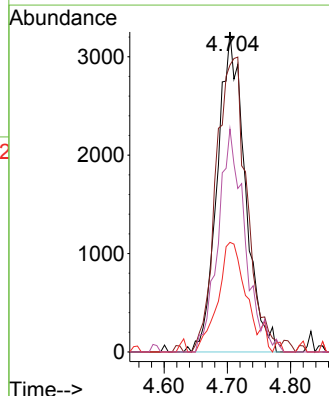
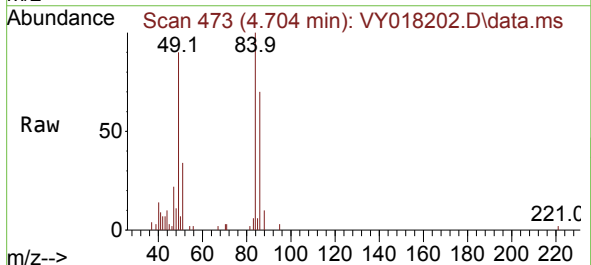
Instrument :
MSVOA_Y
ClientSampleId :

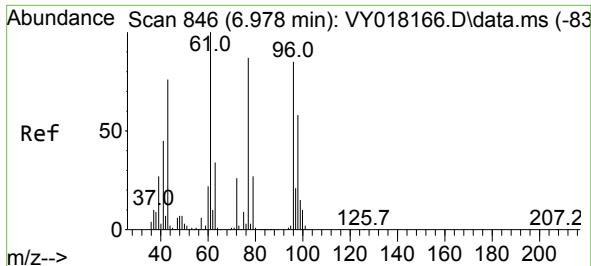
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 35.2 31.7 47.5



#20
Methylene Chloride
Concen: 4.383 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

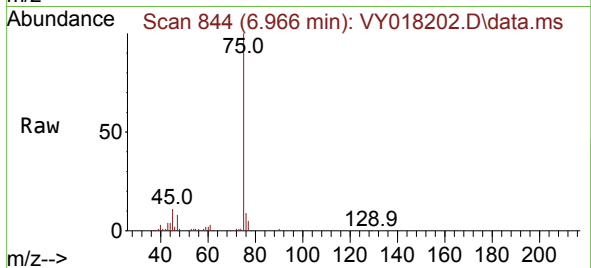
Tgt Ion: 84 Resp: 9891
Ion Ratio Lower Upper
84 100
49 87.9 84.4 126.6
51 32.0 26.0 39.0
86 69.7 49.5 74.3



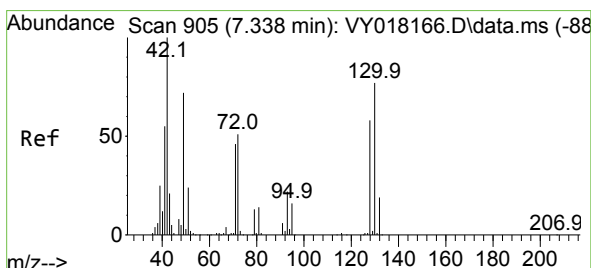
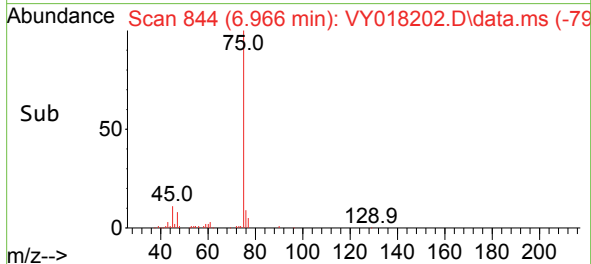
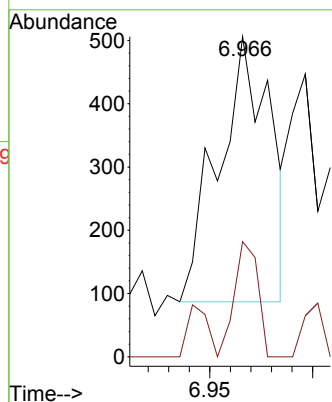


#25
2-Butanone
Concen: 1.442 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

Instrument :
MSVOA_Y
ClientSampleId :

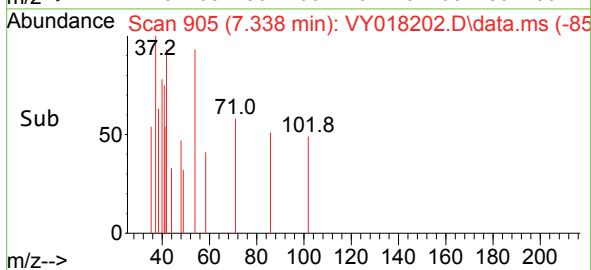
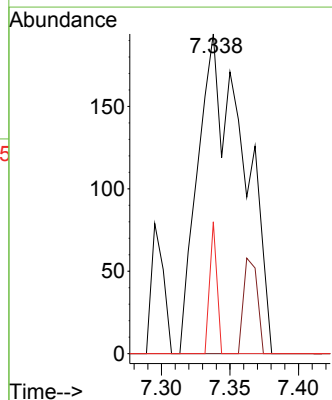
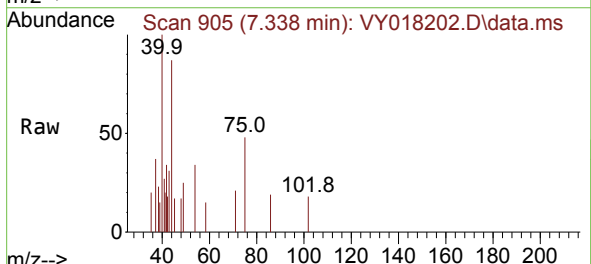


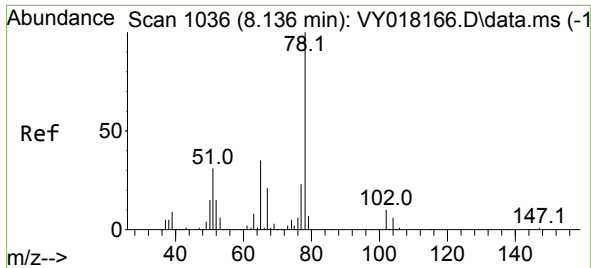
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
72 43.4 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.339 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

Tgt Ion: 42 Resp: 451
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 6.4 40.8 61.2#

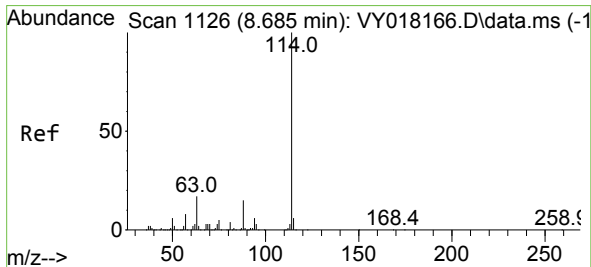
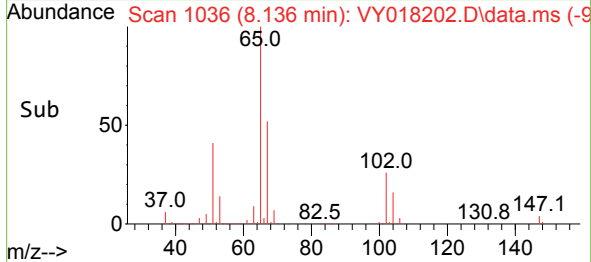
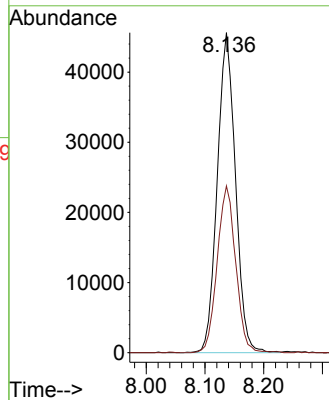
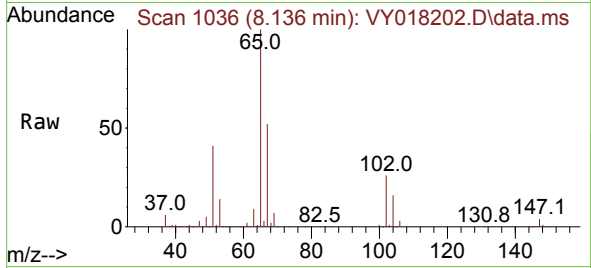




#33
 1,2-Dichloroethane-d4
 Concen: 61.199 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018202.D
 Acq: 09 May 2024 10:46

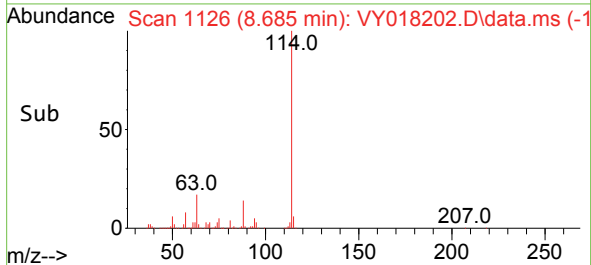
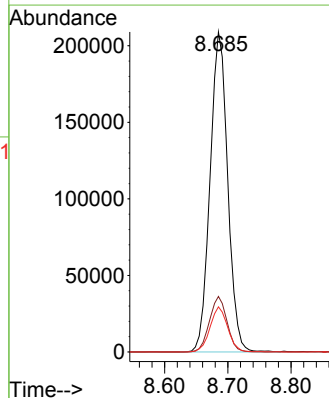
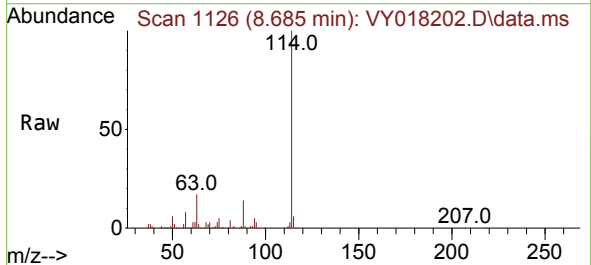
Instrument :
 MSVOA_Y
 ClientSampleId :

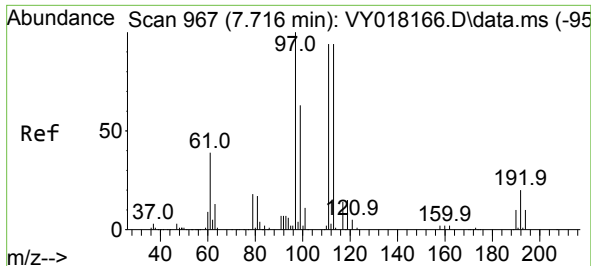
Tgt Ion: 65 Resp: 97902
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018202.D
 Acq: 09 May 2024 10:46

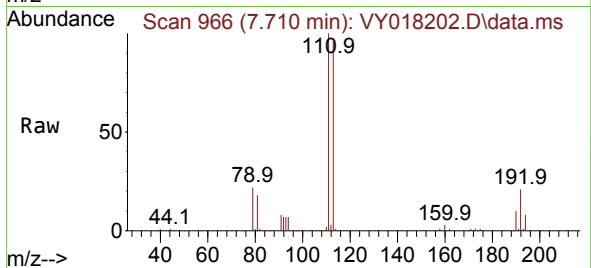
Tgt Ion: 114 Resp: 405465
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.0
 88 14.1 0.0 27.2



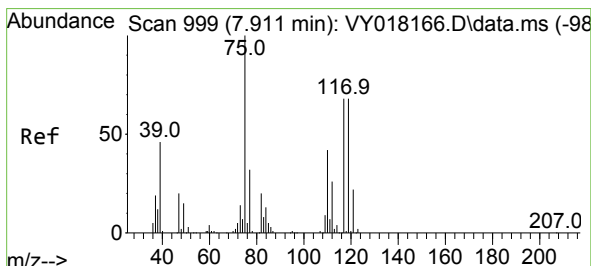
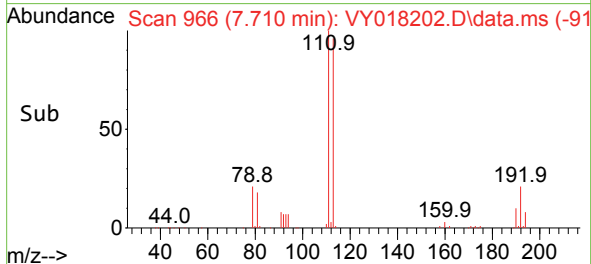
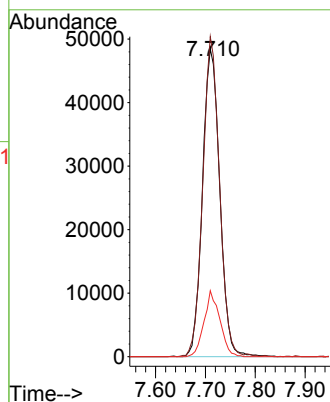


#35
Dibromofluoromethane
Concen: 54.809 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

Instrument :
MSVOA_Y
ClientSampleId :

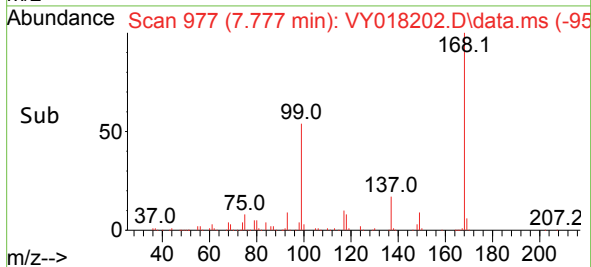
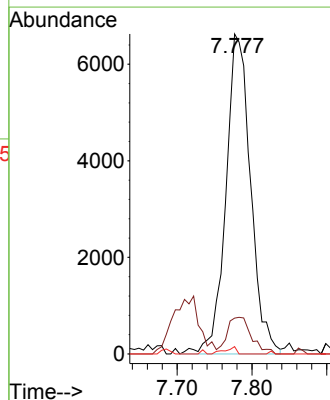
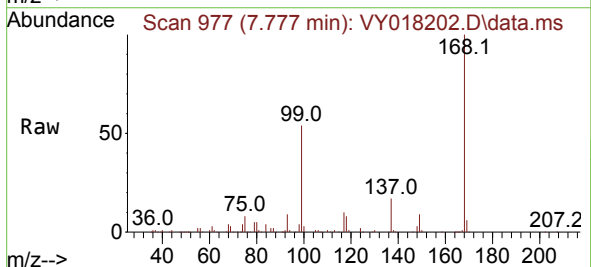


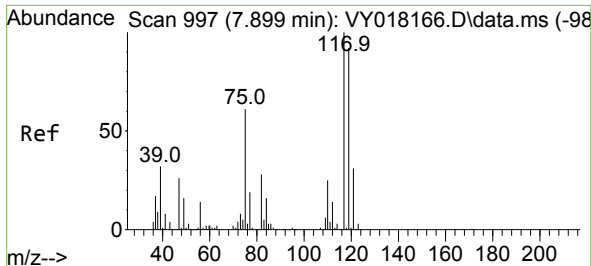
Tgt Ion:113 Resp: 116792
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

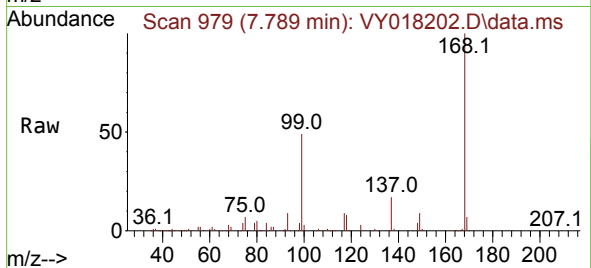
Tgt Ion: 75 Resp: 15263
Ion Ratio Lower Upper
75 100
110 11.3 19.0 57.0#
77 1.0 25.3 37.9#



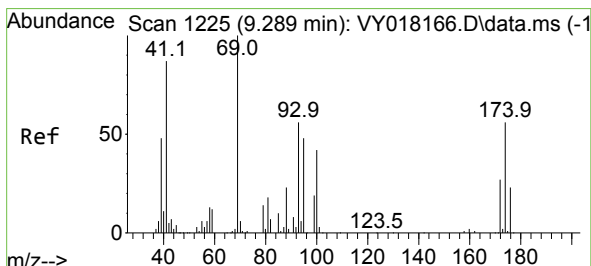
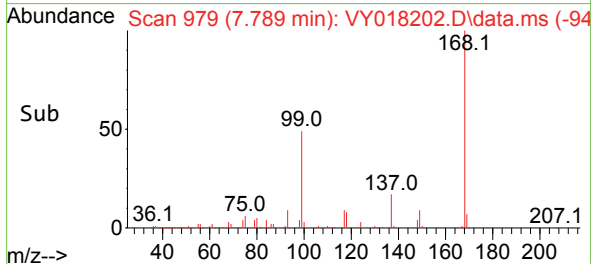
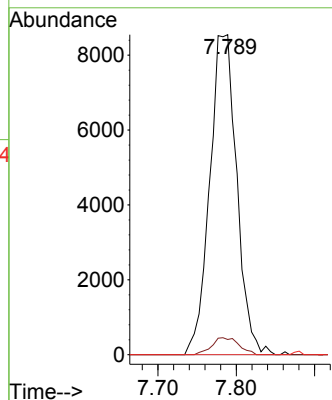


#38
Carbon Tetrachloride
Concen: 6.155 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

Instrument :
MSVOA_Y
ClientSampleId :

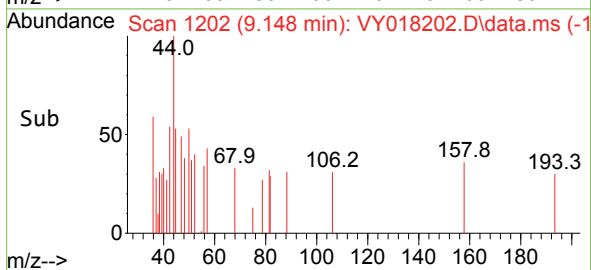
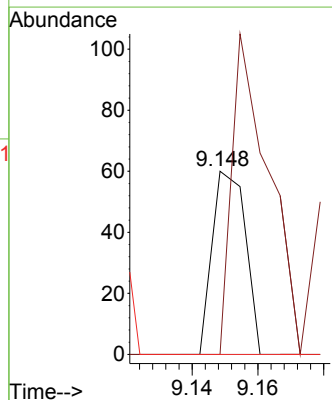
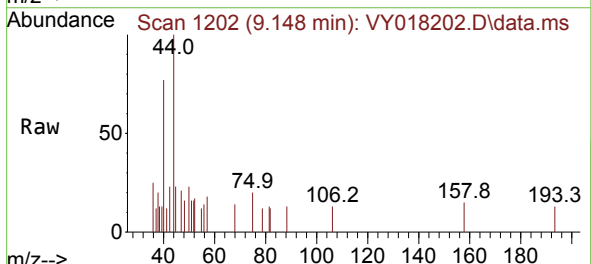


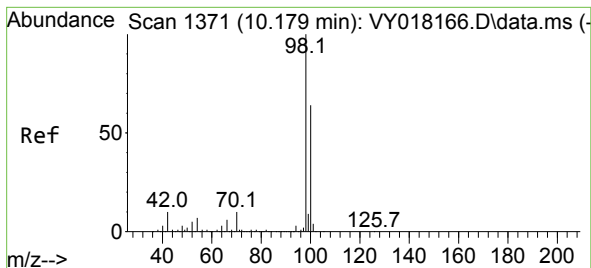
Tgt Ion:117 Resp: 20545
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.562 ug/l
RT: 9.148 min Scan# 1202
Delta R.T. -0.140 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 195.2 0.0 0.0#
58 0.0 49.3 73.9#

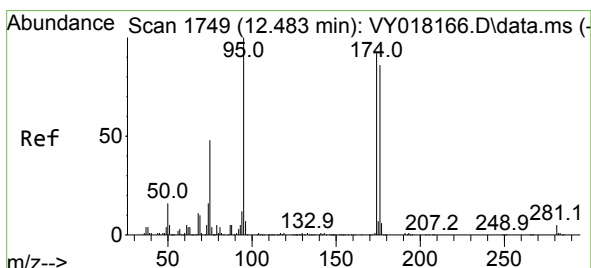
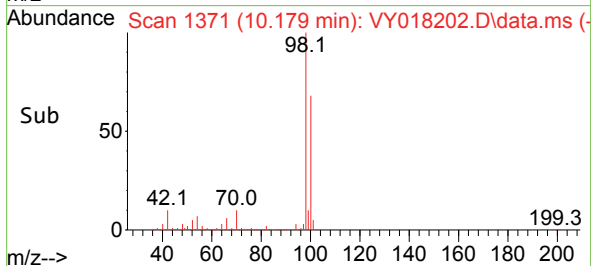
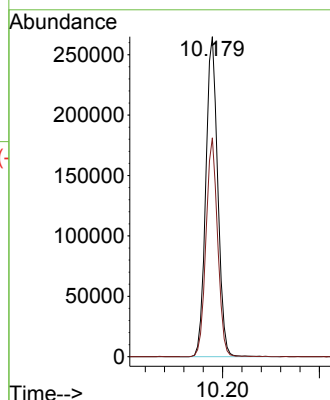
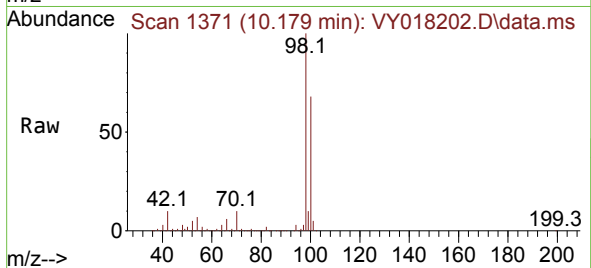




#50
Toluene-d8
Concen: 53.990 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

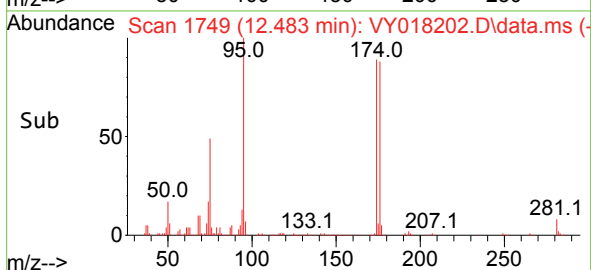
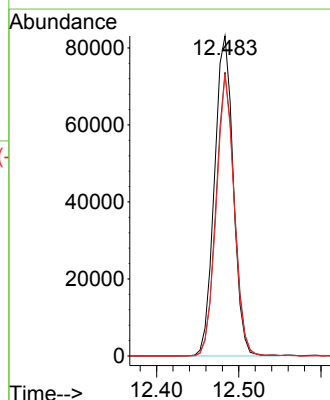
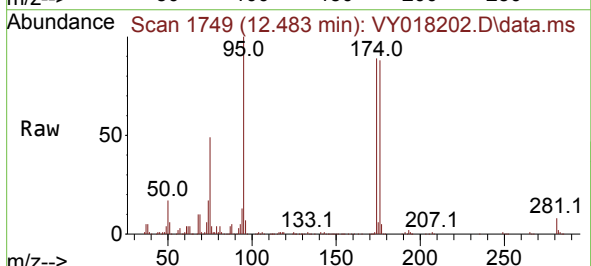
Instrument :
MSVOA_Y
ClientSampleId :

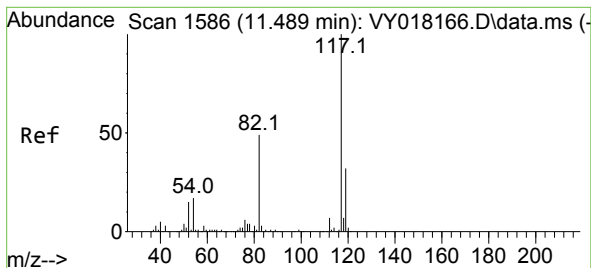
Tgt Ion: 98 Resp: 453360
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.764 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018202.D
Acq: 09 May 2024 10:46

Tgt Ion: 95 Resp: 132237
Ion Ratio Lower Upper
95 100
174 86.0 0.0 175.6
176 83.4 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: VY018202.D

Acq: 09 May 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

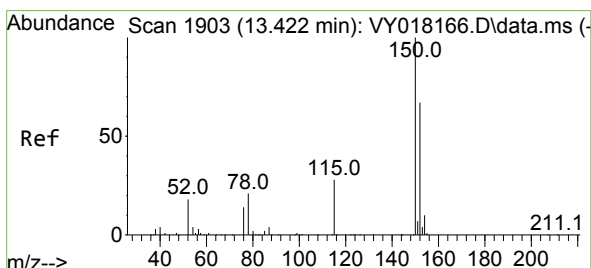
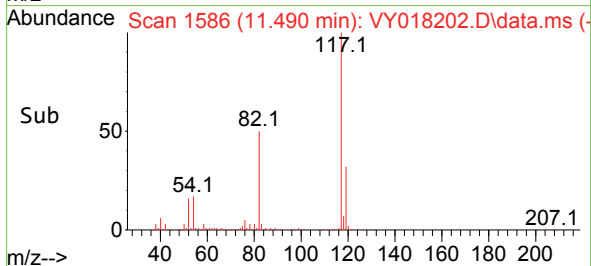
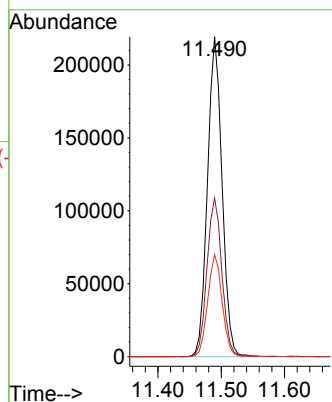
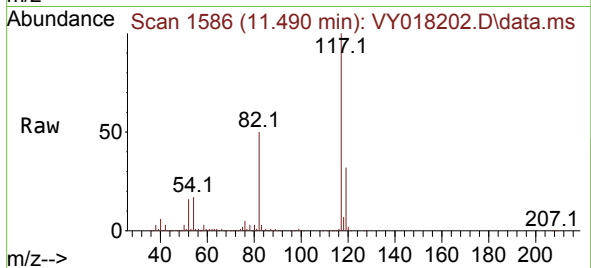
Tgt Ion:117 Resp: 352214

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 32.0 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: VY018202.D

Acq: 09 May 2024 10:46

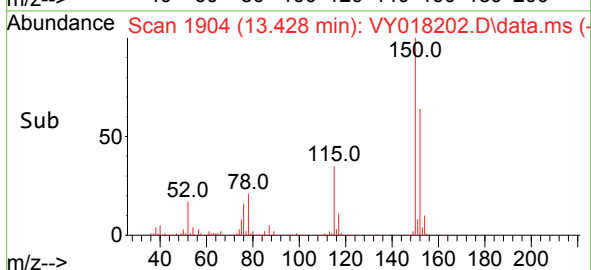
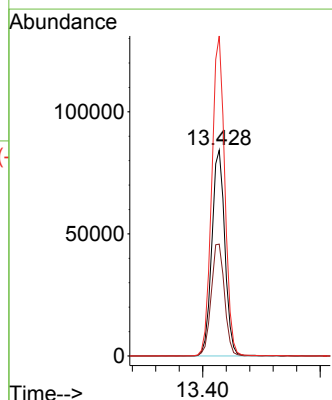
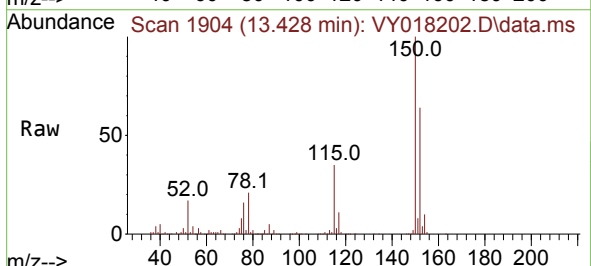
Tgt Ion:152 Resp: 130066

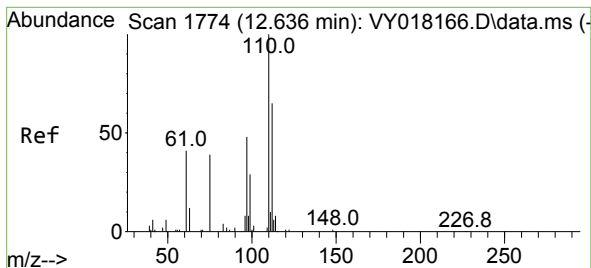
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 155.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 62.706 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

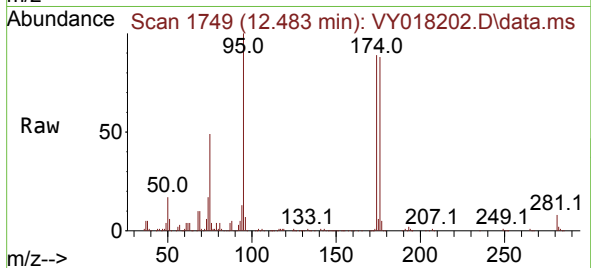
Lab File: VY018202.D

Acq: 09 May 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

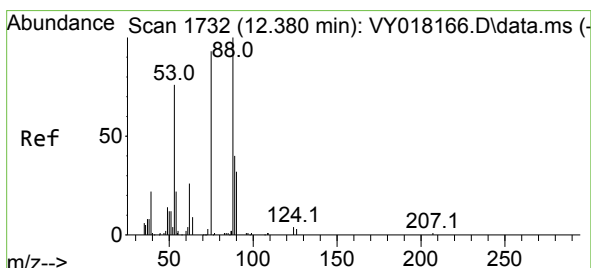
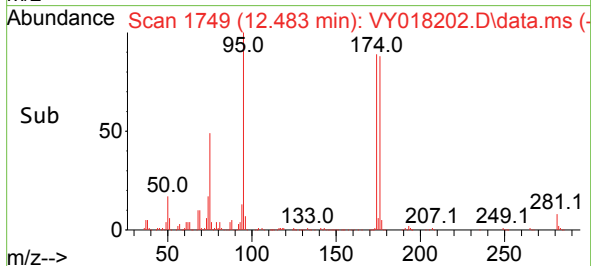
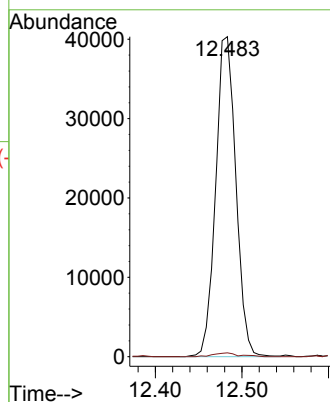


Tgt Ion: 75 Resp: 65283

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 120.814 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018202.D

Acq: 09 May 2024 10:46

Tgt Ion: 75 Resp: 65283

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.3 35.8 53.6#

