

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007279.D
 Acq On : 24 Jan 2022 19:19
 Operator : SY/MD
 Sample : N1245-06
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:35:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

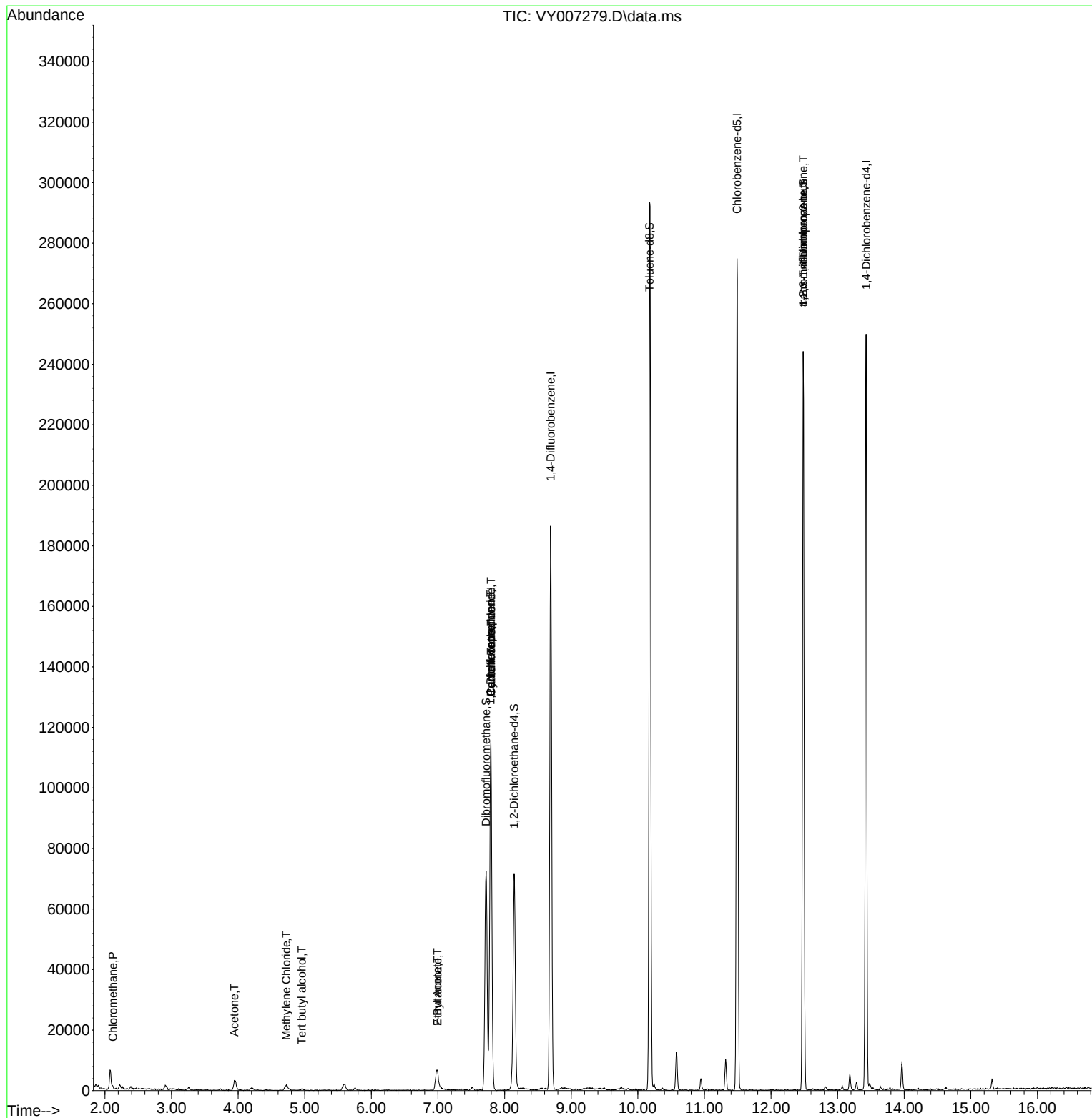
Internal Standards						
1) Pentafluorobenzene	7.795	168	84404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54078	52.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.440%	
35) Dibromofluoromethane	7.722	113	52522	49.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.940%	
50) Toluene-d8	10.179	98	195274	50.332	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.483	95	66418	48.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	625	1.007	ug/l	89
11) Tert butyl alcohol	4.954	59	985	6.466	ug/l #	73
13) Acrolein	3.735	56	296	Below Cal	#	63
16) Acetone	3.942	43	6035	22.454	ug/l	94
20) Methylene Chloride	4.722	84	1322	1.189	ug/l #	89
25) 2-Butanone	6.990	43	2852	8.207	ug/l #	76
31) Cyclohexane	7.795	56	1977	1.129	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	7237	4.268	ug/l #	51
37) Ethyl Acetate	6.990	43	2852	3.277	ug/l #	80
38) Carbon Tetrachloride	7.795	117	8988	5.039	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	36652	53.146	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36652	97.296	ug/l #	3

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

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Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

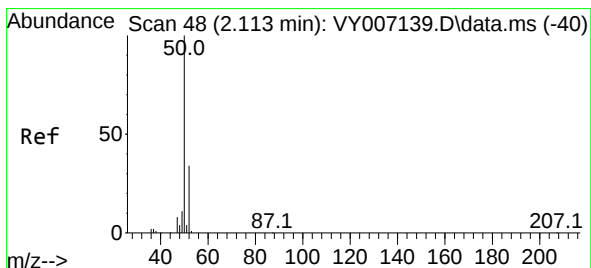
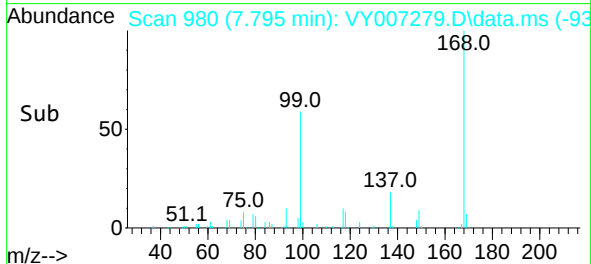
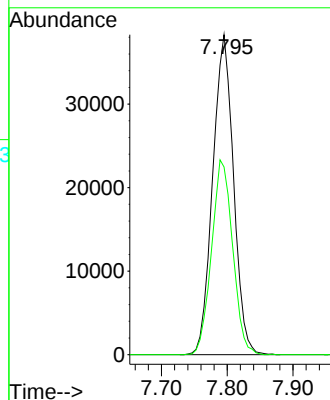
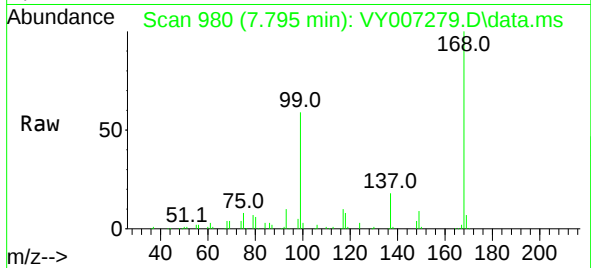




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

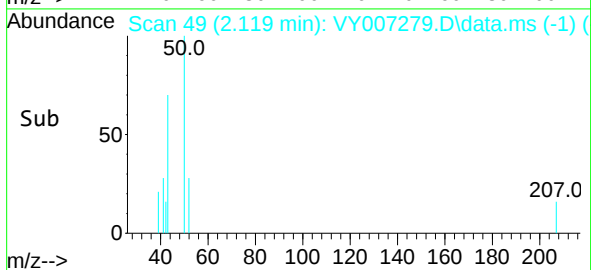
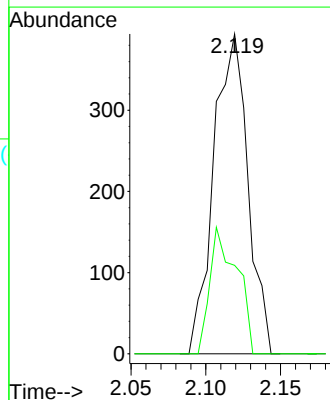
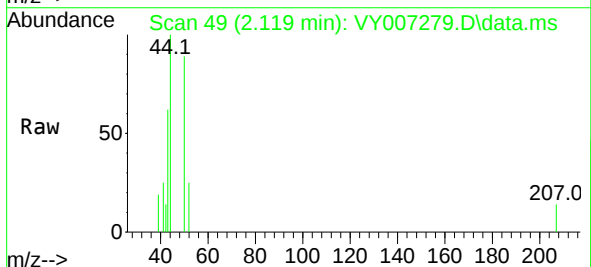
Instrument :
MSVOA_Y
ClientSampleId :

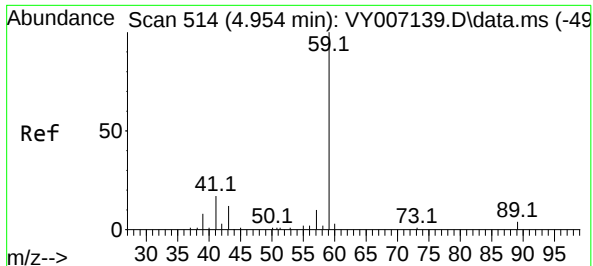
Tgt Ion:168 Resp: 84404
Ion Ratio Lower Upper
168 100
99 58.7 49.1 73.7



#3
Chloromethane
Concen: 1.007 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.007 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

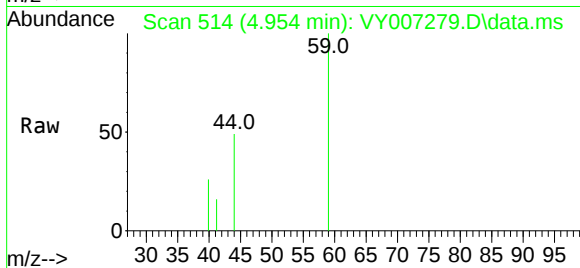
Tgt Ion: 50 Resp: 625
Ion Ratio Lower Upper
50 100
52 27.7 27.1 40.7



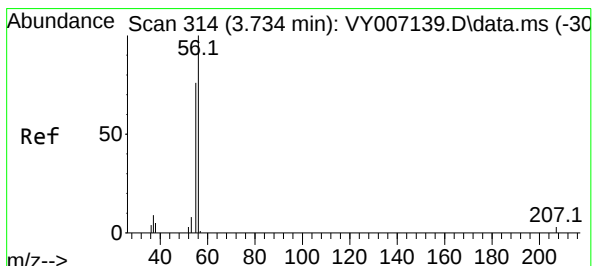
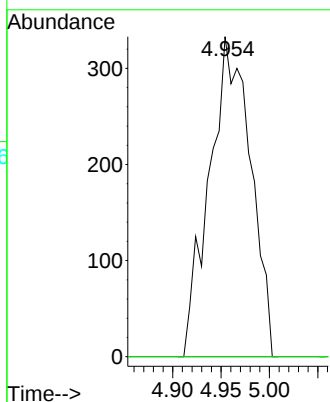
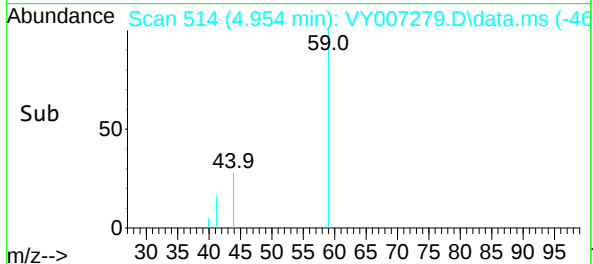


#11
Tert butyl alcohol
Concen: 6.466 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

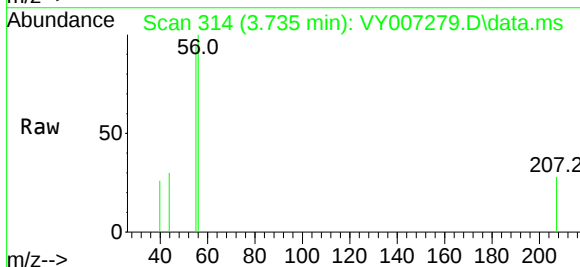
Instrument :
MSVOA_Y
ClientSampleId :



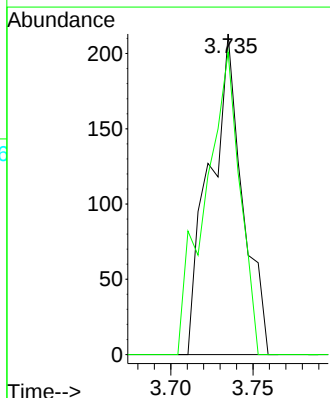
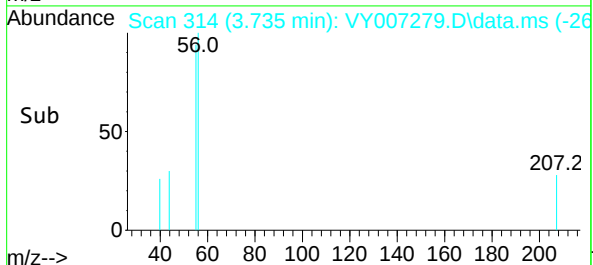
Tgt Ion: 59 Resp: 985
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

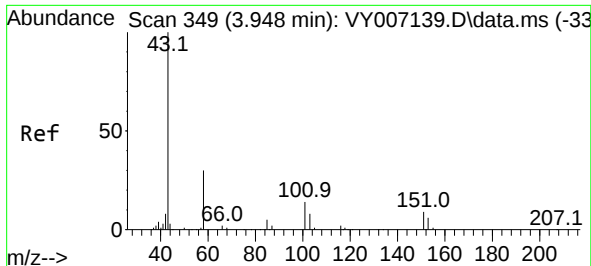


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.001 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19



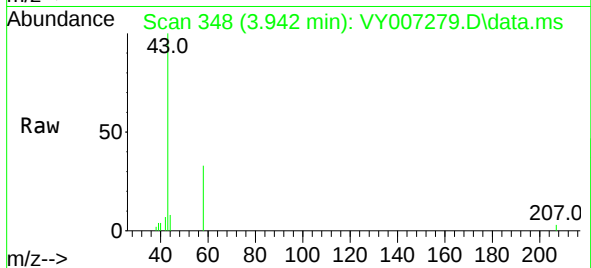
Tgt Ion: 56 Resp: 296
Ion Ratio Lower Upper
56 100
55 99.7 55.7 83.5#



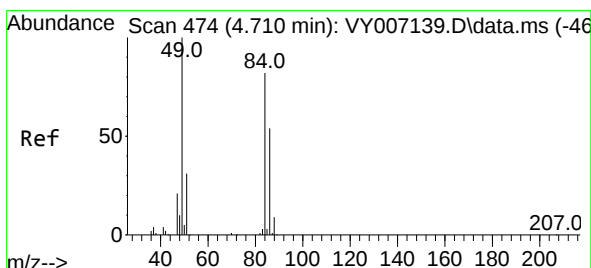
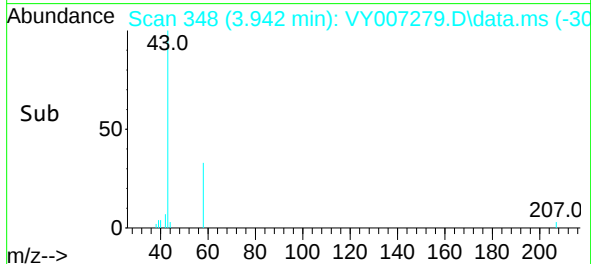
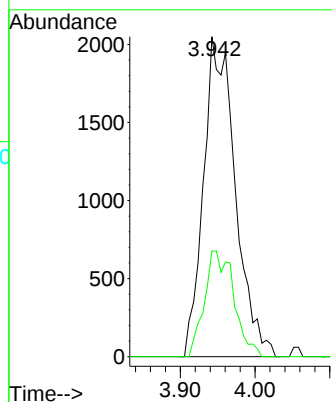


#16
Acetone
Concen: 22.454 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Instrument :
MSVOA_Y
ClientSampleId :

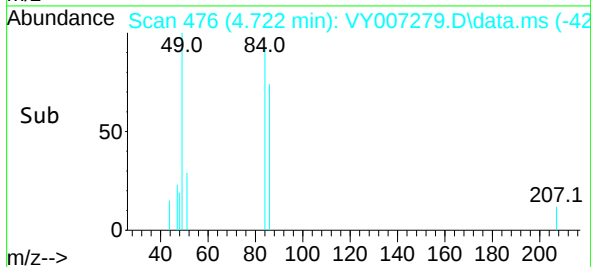
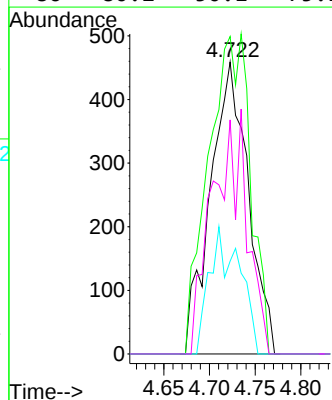
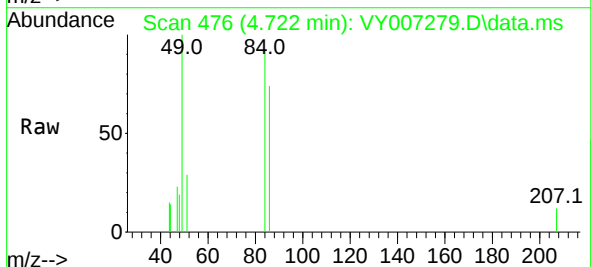


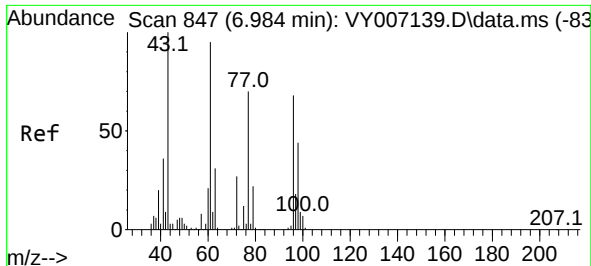
Tgt Ion: 43 Resp: 6035
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.6



#20
Methylene Chloride
Concen: 1.189 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Tgt Ion: 84 Resp: 1322
Ion Ratio Lower Upper
84 100
49 108.7 92.6 139.0
51 31.8 28.6 42.8
86 80.2 50.1 75.1#

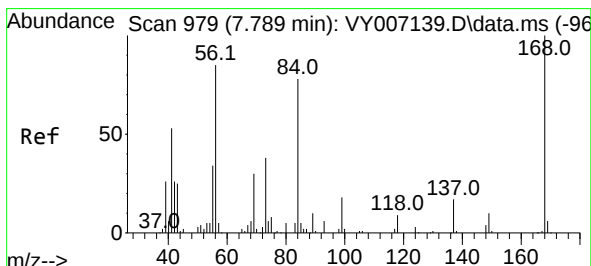
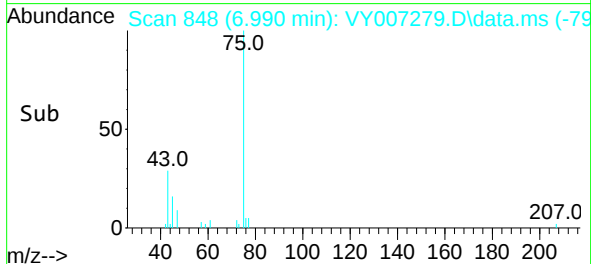
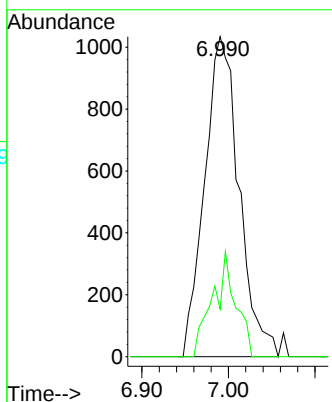
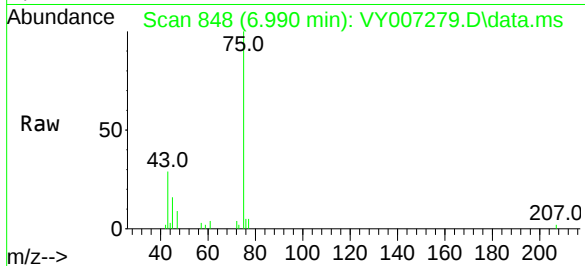




#25
2-Butanone
Concen: 8.207 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.007 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

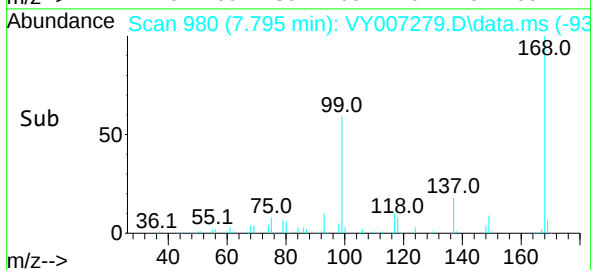
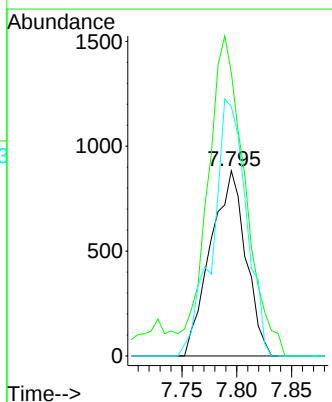
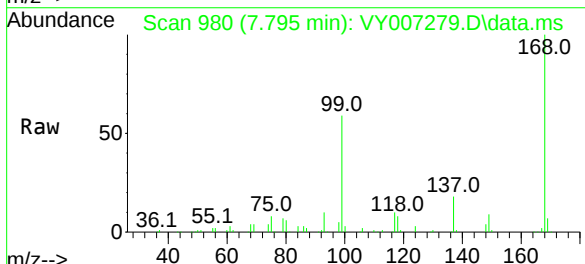
Instrument :
MSVOA_Y
ClientSampleId :

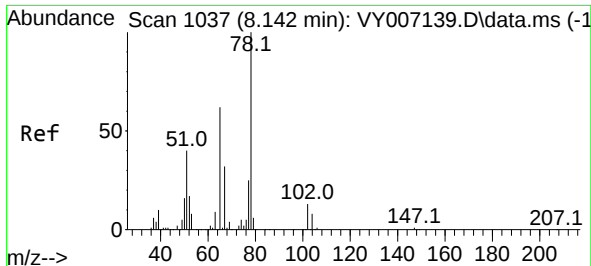
Tgt Ion: 43 Resp: 2852
Ion Ratio Lower Upper
43 100
72 14.9 21.9 32.9#



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.007 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Tgt Ion: 56 Resp: 1977
Ion Ratio Lower Upper
56 100
69 140.9 27.2 40.8#
84 134.5 72.1 108.1#

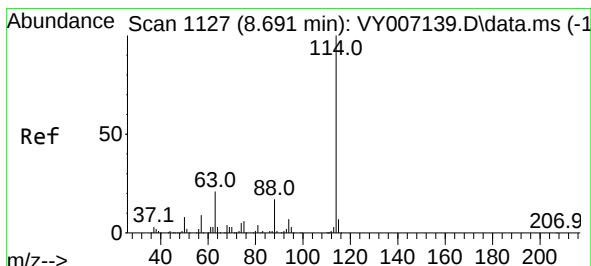
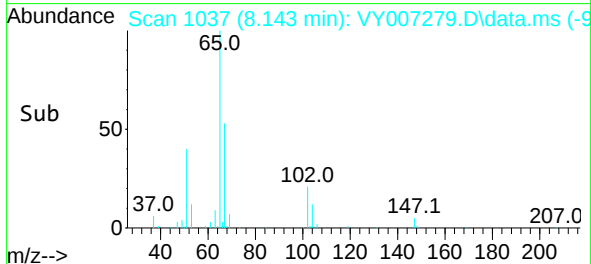
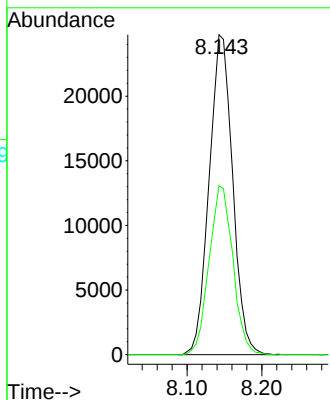
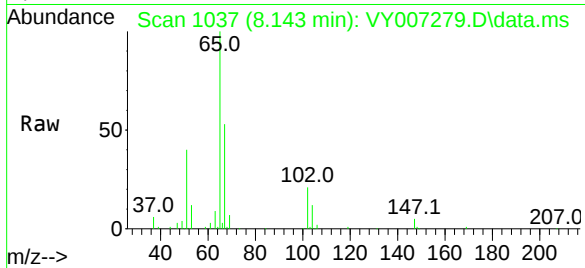




#33
 1,2-Dichloroethane-d4
 Concen: 52.217 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007279.D
 Acq: 24 Jan 2022 19:19

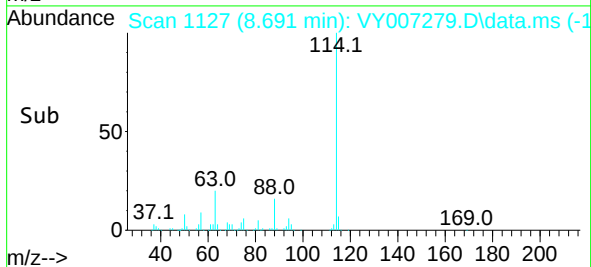
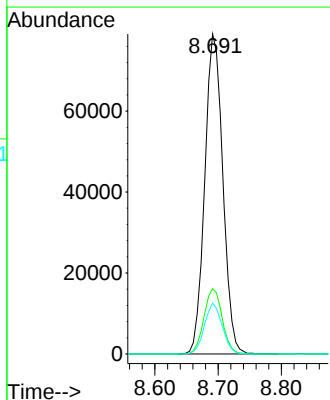
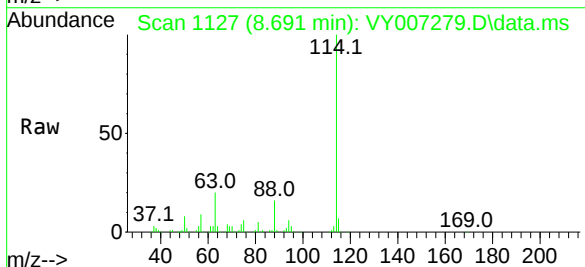
Instrument :
 MSVOA_Y
 ClientSampleId :

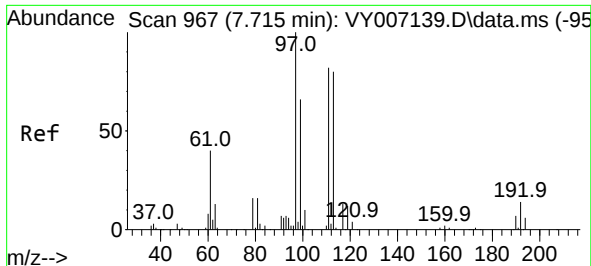
Tgt Ion: 65 Resp: 54078
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007279.D
 Acq: 24 Jan 2022 19:19

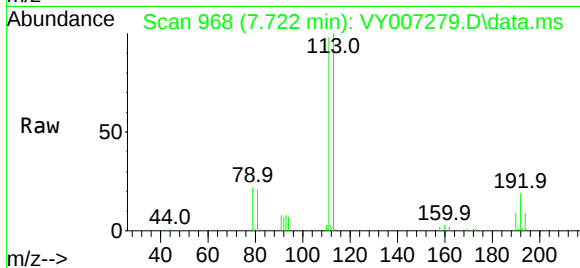
Tgt Ion: 114 Resp: 157027
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 15.9 0.0 31.0



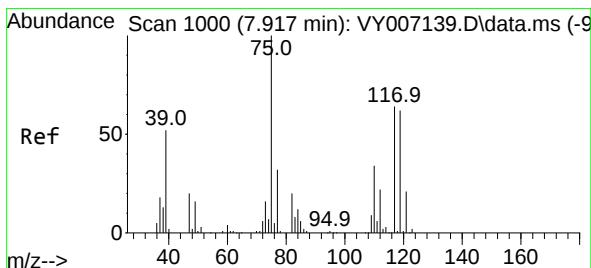
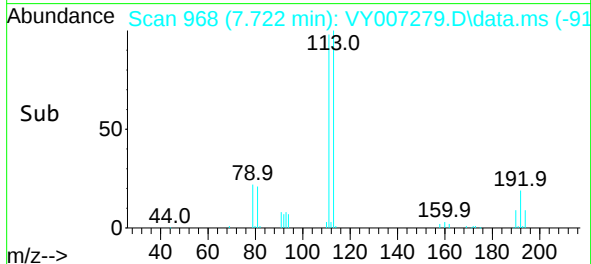
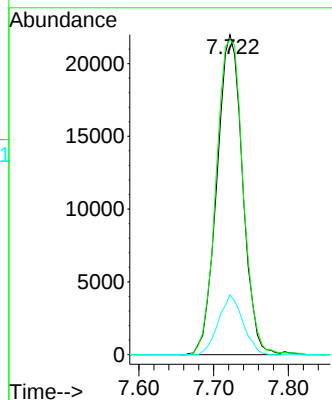


#35
Dibromofluoromethane
Concen: 49.465 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Instrument :
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ClientSampleId :

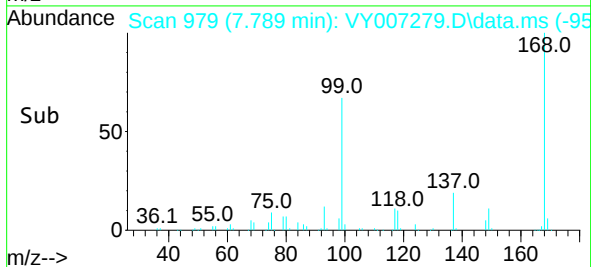
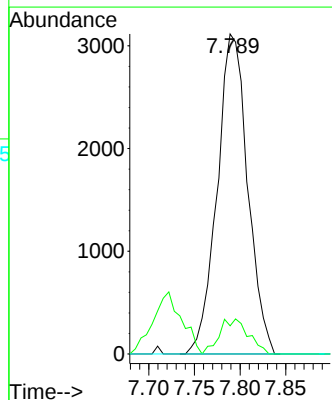
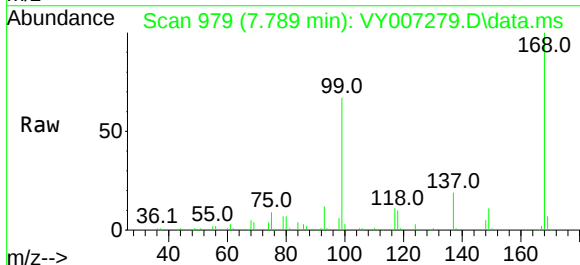


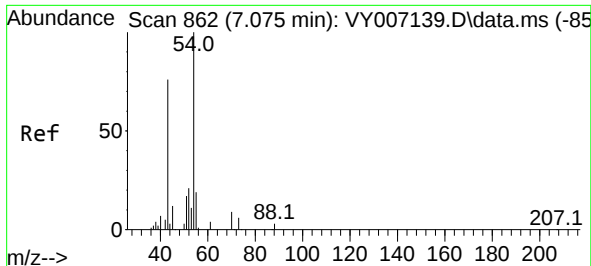
Tgt Ion:113 Resp: 52522
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.268 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

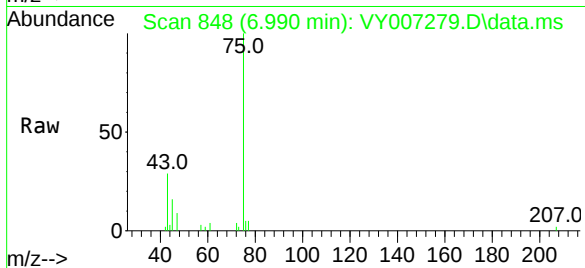
Tgt Ion: 75 Resp: 7237
Ion Ratio Lower Upper
75 100
110 10.4 17.3 51.9#
77 0.0 24.7 37.1#



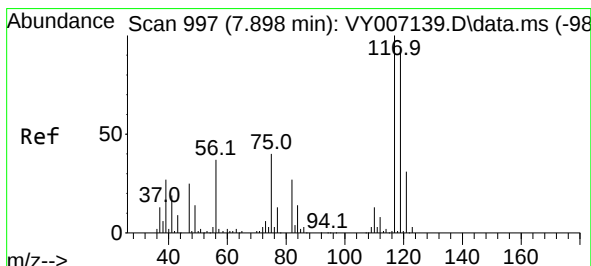
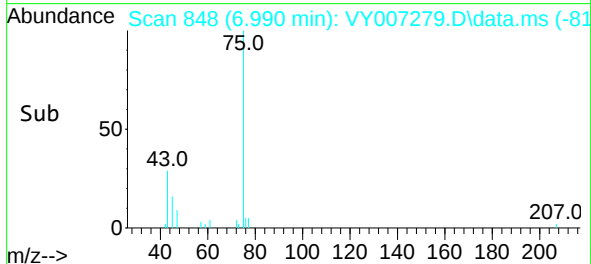
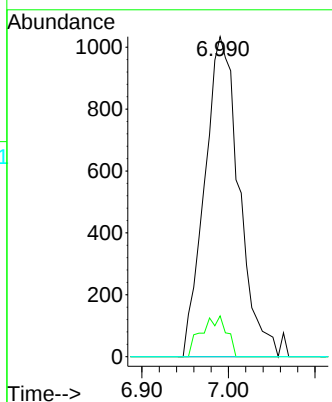


#37
Ethyl Acetate
Concen: 3.277 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.085 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Instrument :
MSVOA_Y
ClientSampleId :

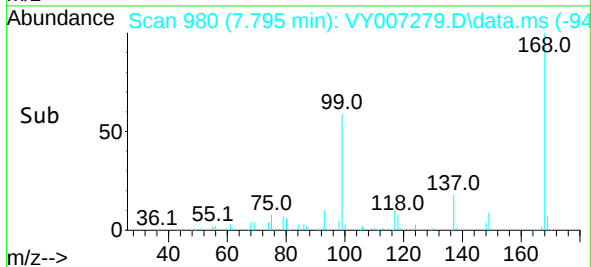
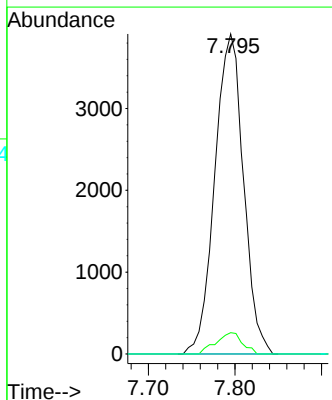
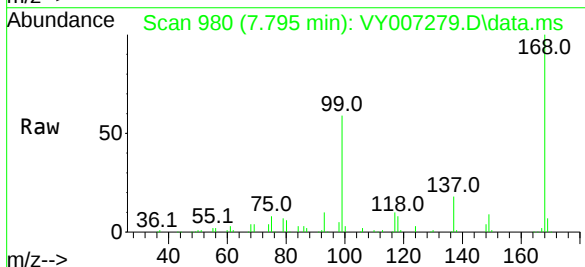


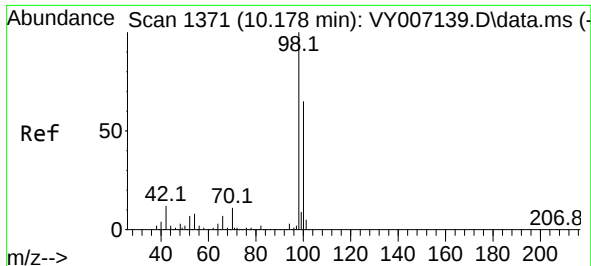
Tgt Ion: 43 Resp: 2852
Ion Ratio Lower Upper
43 100
61 9.4 11.8 17.8#
70 0.0 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 5.039 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.103 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Tgt Ion: 117 Resp: 8988
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 24.2 36.2#

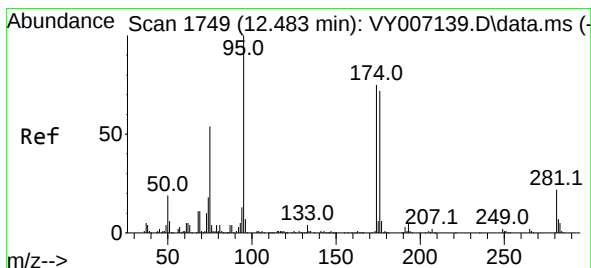
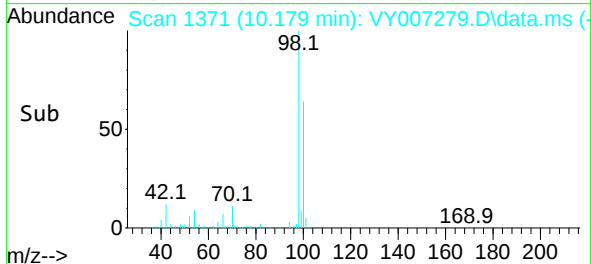
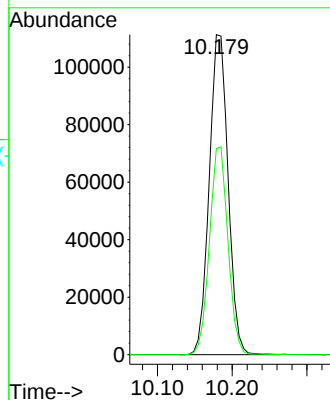
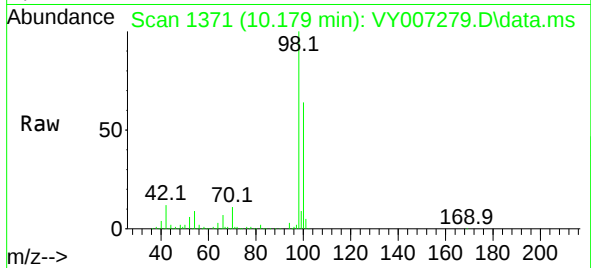




#50
Toluene-d8
Concen: 50.332 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

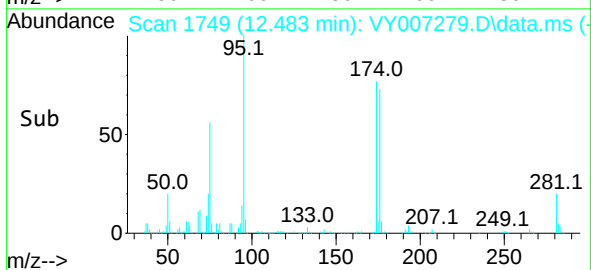
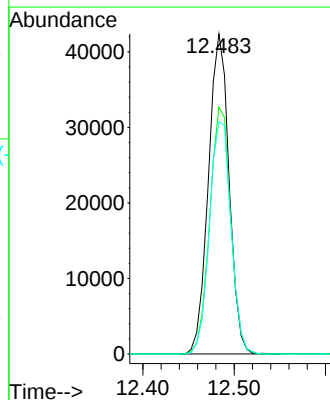
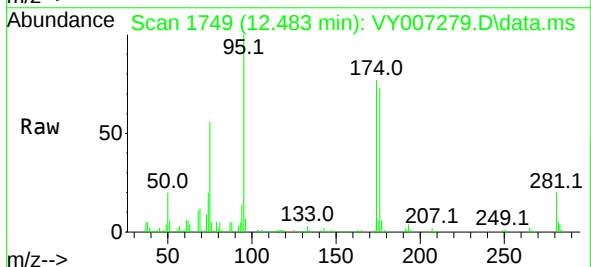
Instrument :
MSVOA_Y
ClientSampleId :

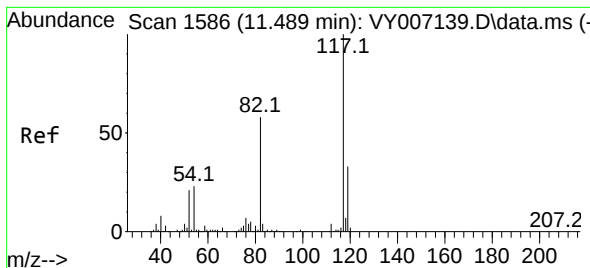
Tgt Ion: 98 Resp: 195274
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Tgt Ion: 95 Resp: 66418
Ion Ratio Lower Upper
95 100
174 78.5 0.0 148.4
176 75.8 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007279.D

Acq: 24 Jan 2022 19:19

Instrument :

MSVOA_Y

ClientSampleId :

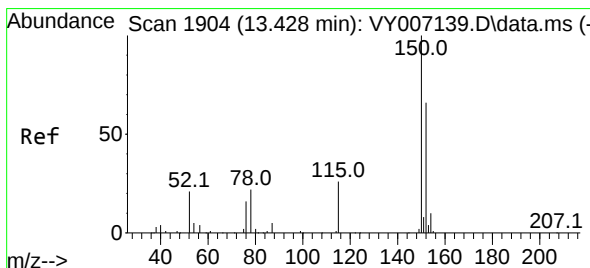
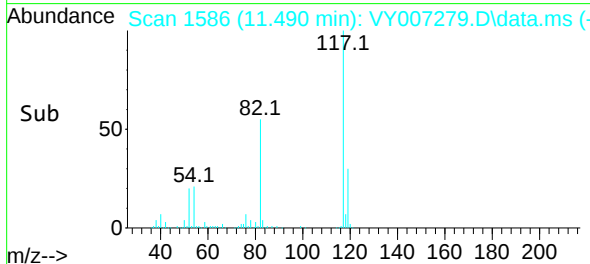
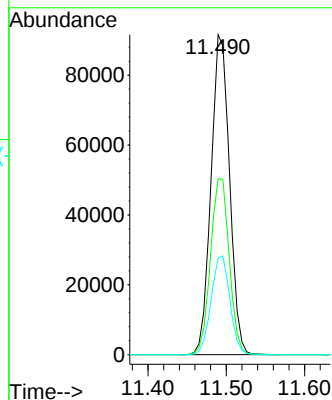
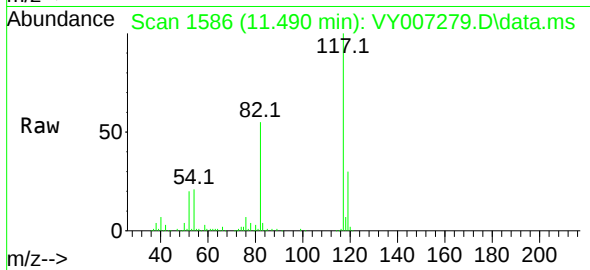
Tgt Ion:117 Resp: 149976

Ion Ratio Lower Upper

117 100

82 55.1 45.4 68.0

119 30.1 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007279.D

Acq: 24 Jan 2022 19:19

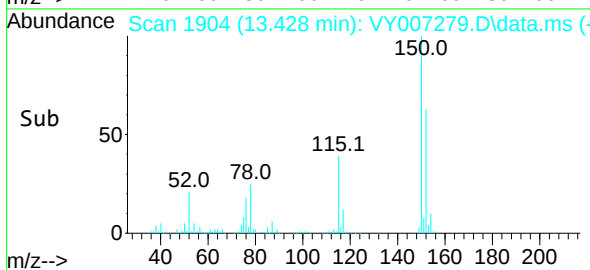
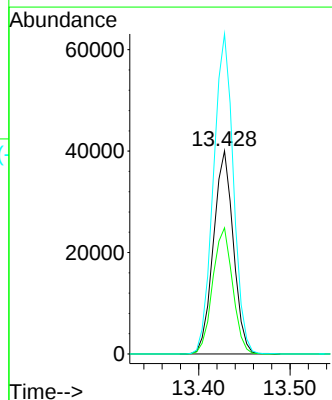
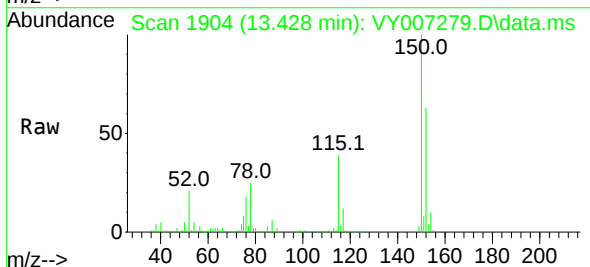
Tgt Ion:152 Resp: 60481

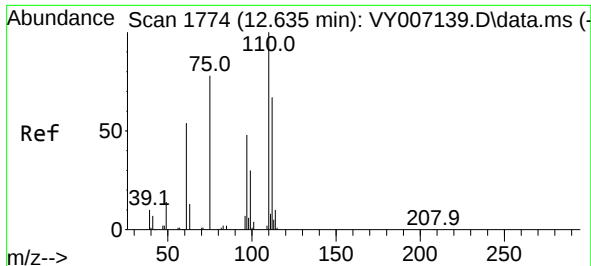
Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.0

150 158.4 0.0 348.4

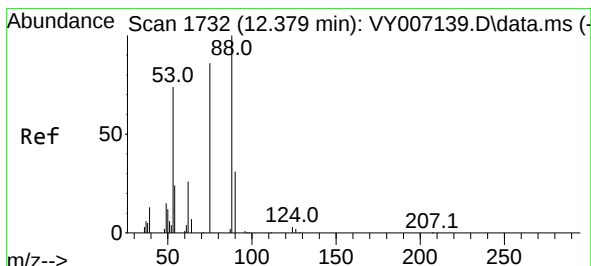
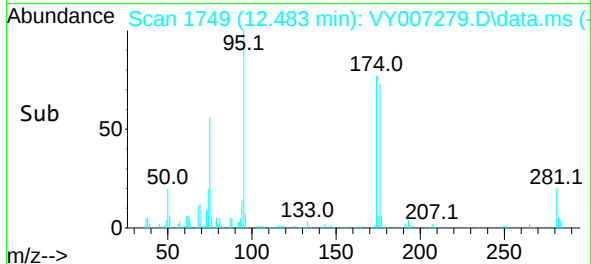
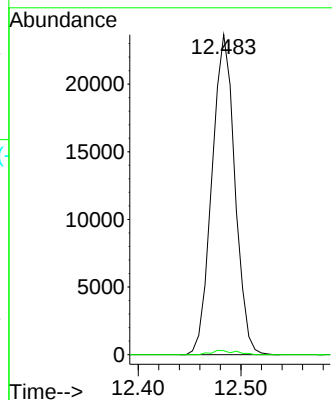
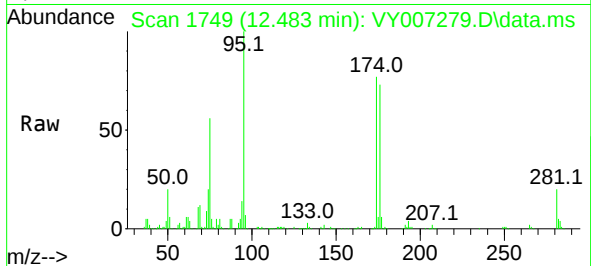




#76
1,2,3-Trichloropropane
Concen: 53.146 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36652
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.296 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007279.D
Acq: 24 Jan 2022 19:19

Tgt Ion: 75 Resp: 36652
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 0.0 0.0#

