

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008278.D
 Acq On : 11 Apr 2022 17:22
 Operator : KP/MD
 Sample : N2329-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 12 06:59:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

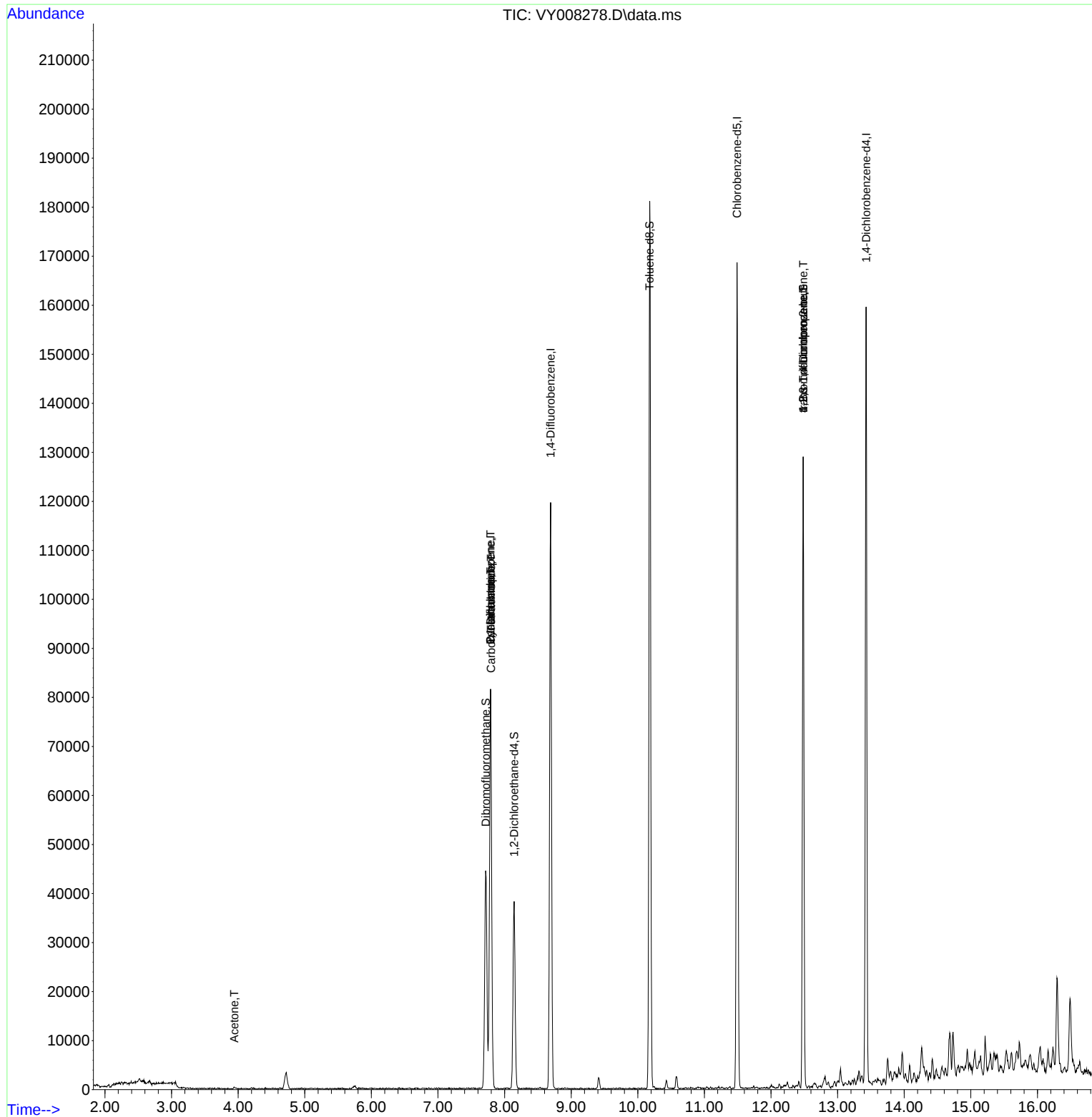
Internal Standards						
1) Pentafluorobenzene	7.789	168	63035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	106714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	94498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	29199	49.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.715	113	32219	52.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.540%
50) Toluene-d8	10.178	98	125290	59.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.820%
62) 4-Bromofluorobenzene	12.483	95	39484	49.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.540%
Target Compounds						
					Qvalue	
5) Bromomethane	2.661	94	162	Below Cal	#	51
16) Acetone	3.942	43	569	3.995	ug/l #	47
20) Methylene Chloride	4.722	84	2529	Below Cal	#	88
31) Cyclohexane	7.789	56	1277	1.193	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	4467	4.539	ug/l #	51
38) Carbon Tetrachloride	7.795	117	6286	5.937	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	20457	45.647	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20457	102.135	ug/l #	7

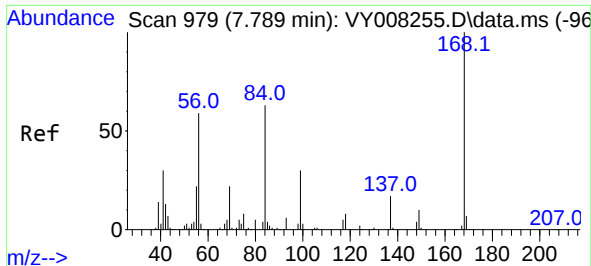
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

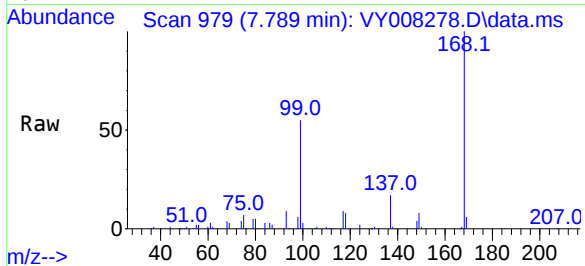
Quant Time: Apr 12 06:59:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration



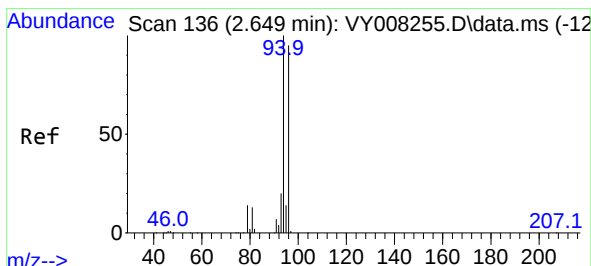
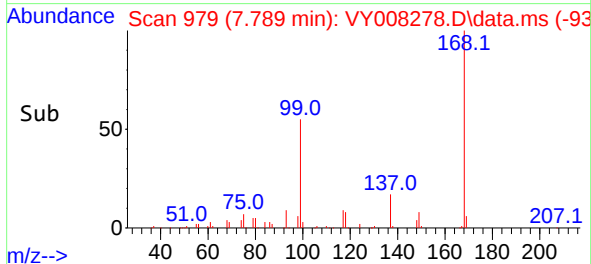
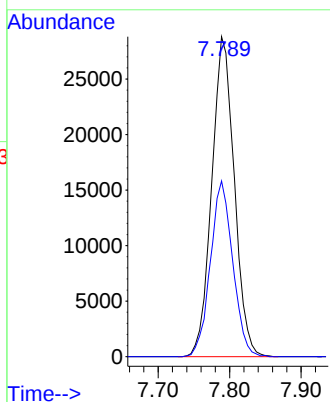


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :

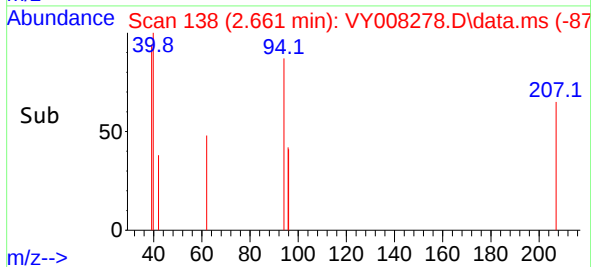
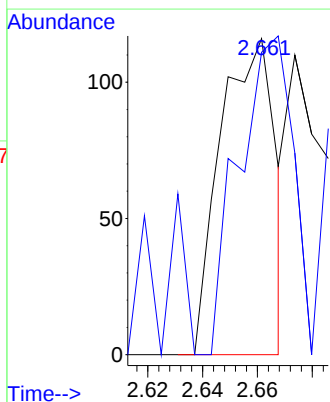
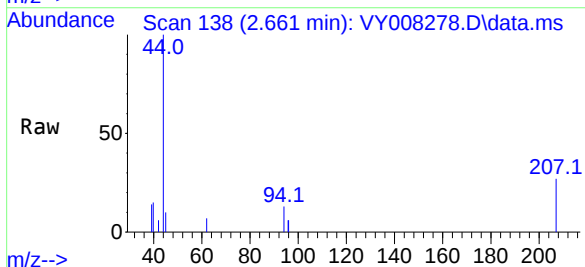


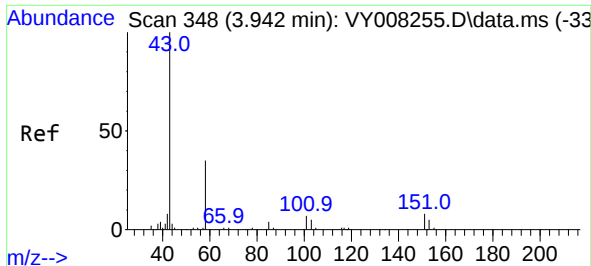
Tgt Ion:168 Resp: 63035
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

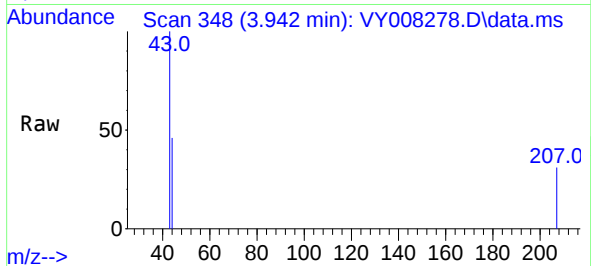
Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 44.8 73.5 110.3#



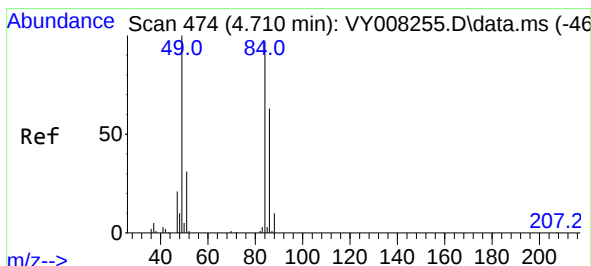
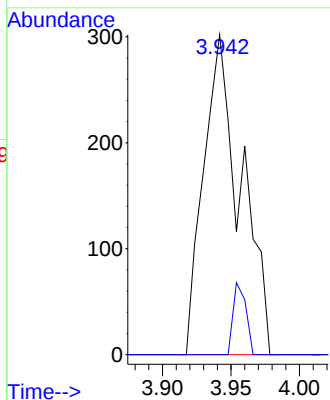
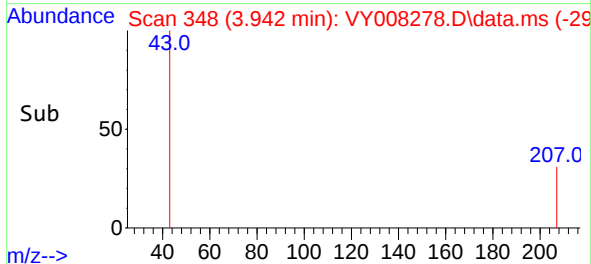


#16
Acetone
Concen: 3.995 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

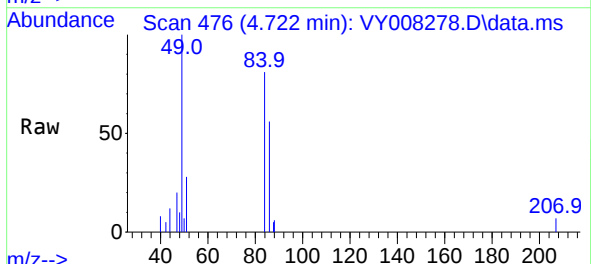
Instrument :
MSVOA_Y
ClientSampleId :



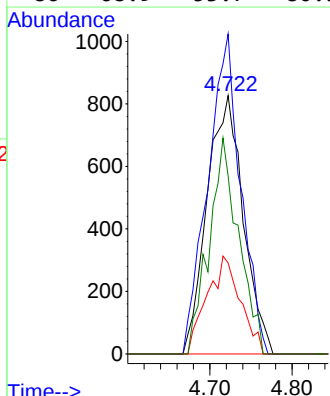
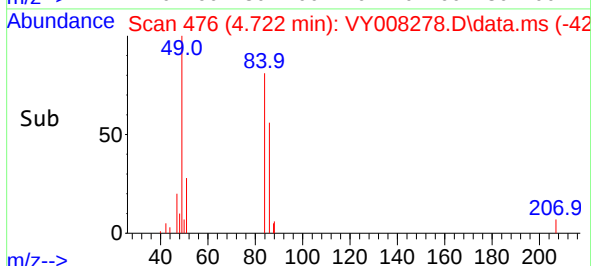
Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

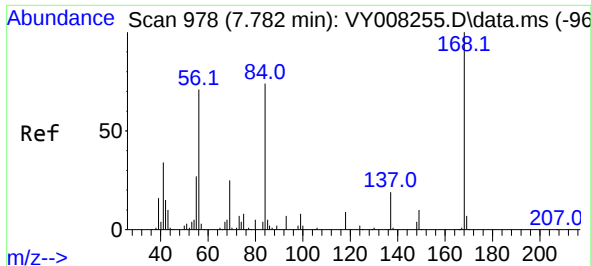


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22



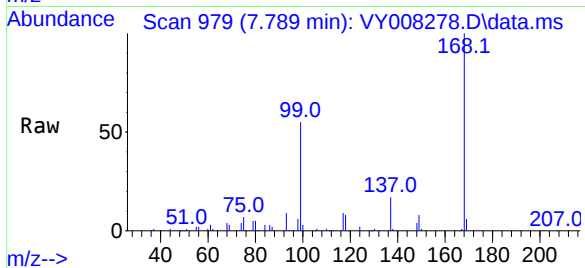
Tgt Ion: 84 Resp: 2529
Ion Ratio Lower Upper
84 100
49 123.8 114.4 171.6
51 35.2 35.3 52.9#
86 68.9 53.7 80.5



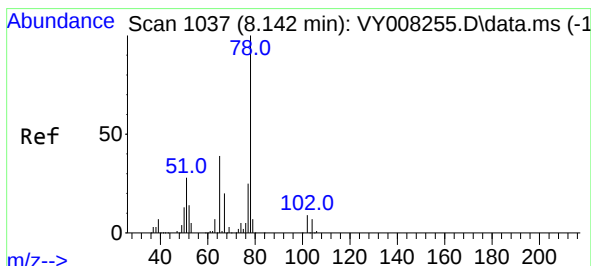
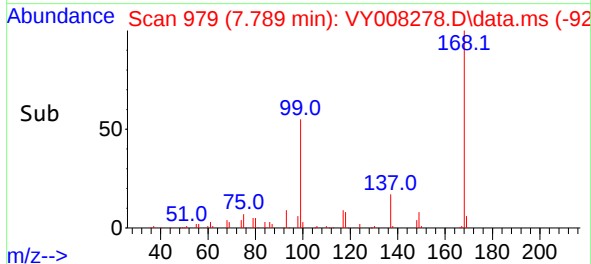
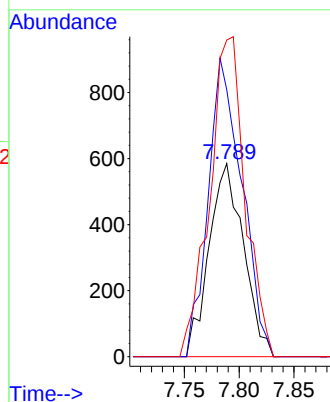


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :

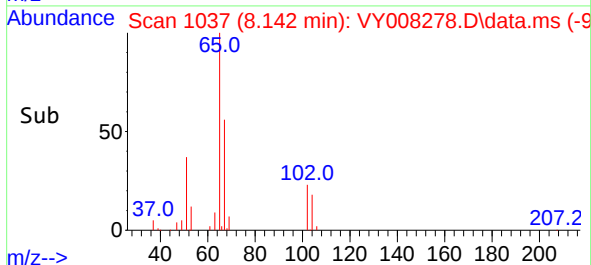
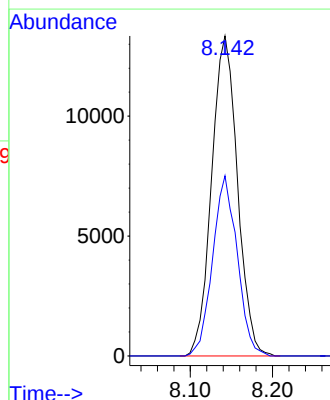
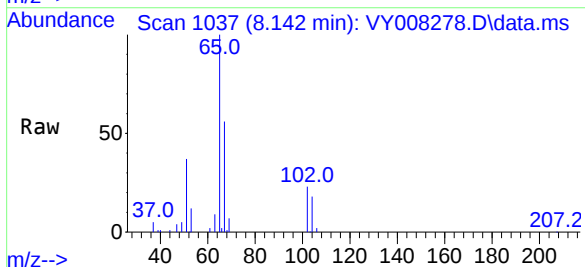


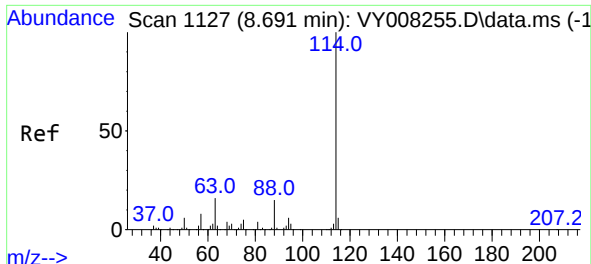
Tgt Ion: 56 Resp: 1277
Ion Ratio Lower Upper
56 100
69 138.1 26.7 40.1#
84 163.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.314 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

Tgt Ion: 65 Resp: 29199
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008278.D

Acq: 11 Apr 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

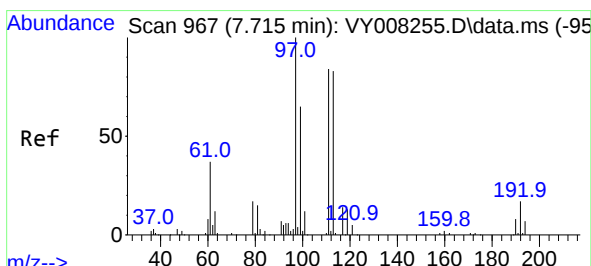
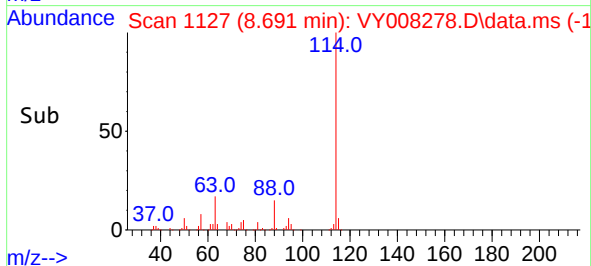
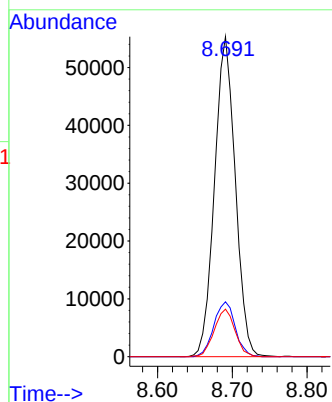
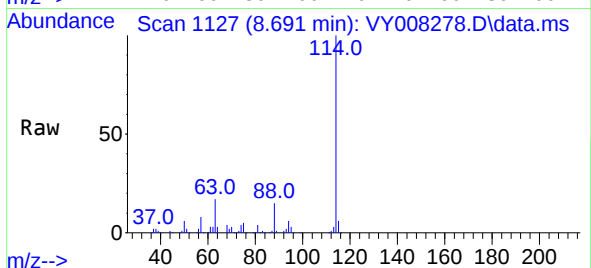
Tgt Ion:114 Resp: 106714

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.273 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008278.D

Acq: 11 Apr 2022 17:22

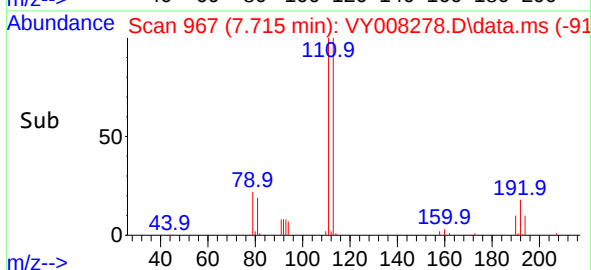
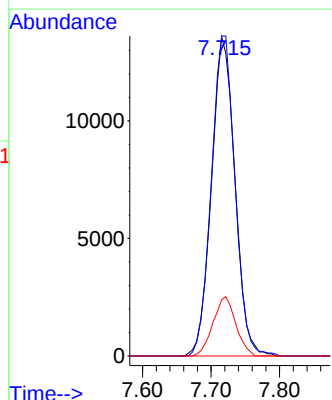
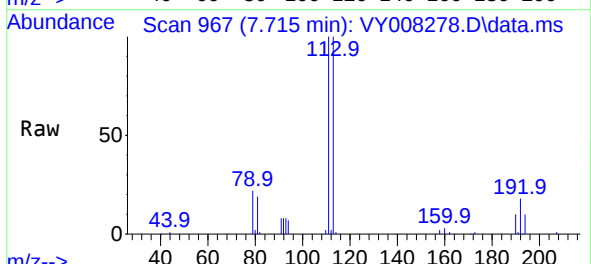
Tgt Ion:113 Resp: 32219

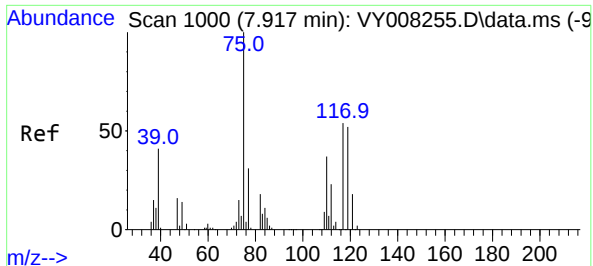
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

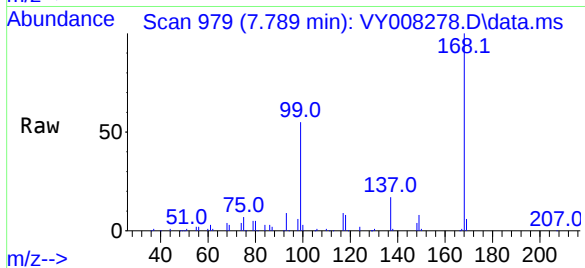
192 18.0 17.6 26.4



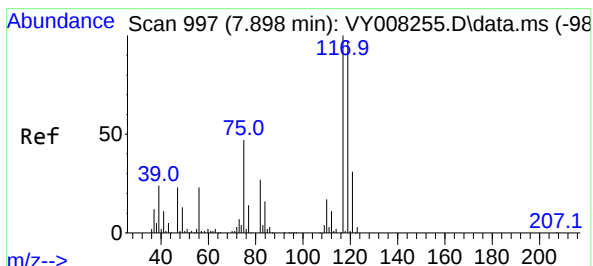
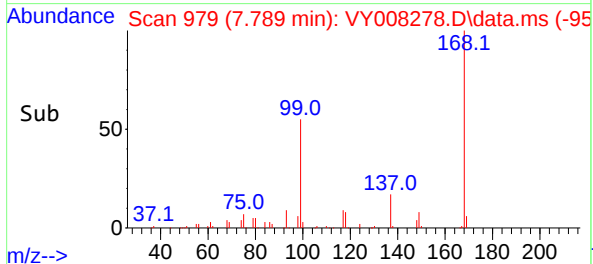
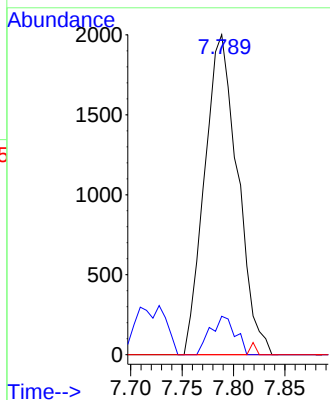


#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :

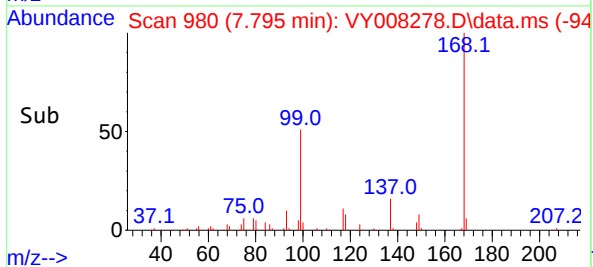
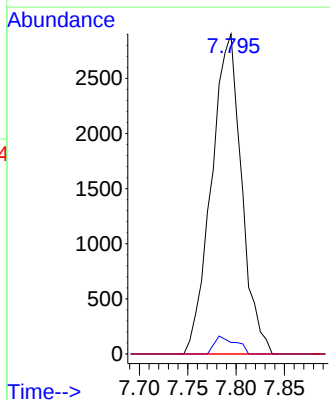
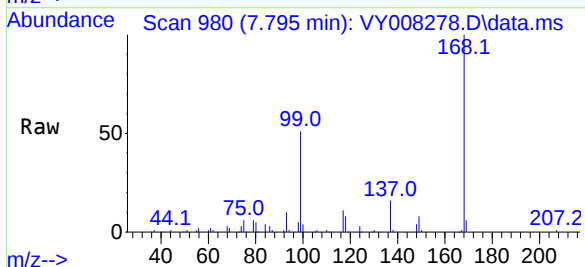


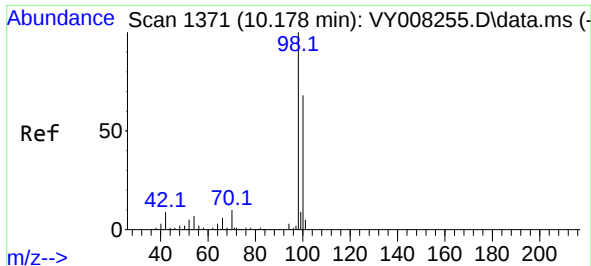
Tgt Ion: 75 Resp: 4467
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.937 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.103 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

Tgt Ion: 117 Resp: 6286
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.8 37.2#

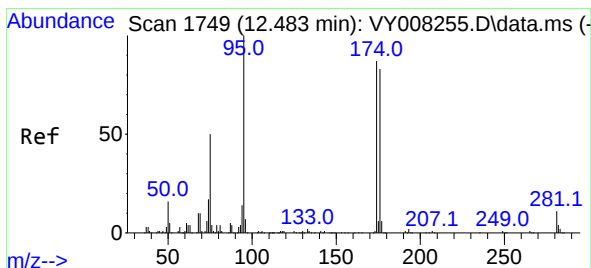
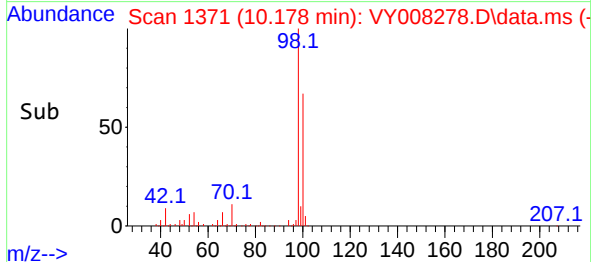
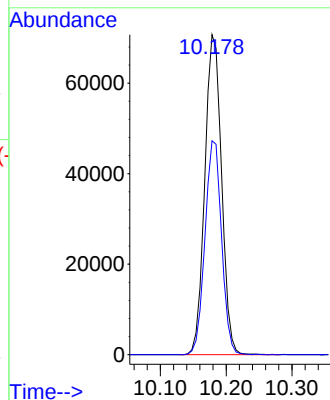
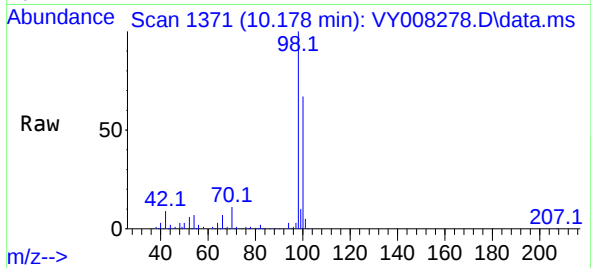




#50
Toluene-d8
Concen: 59.405 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

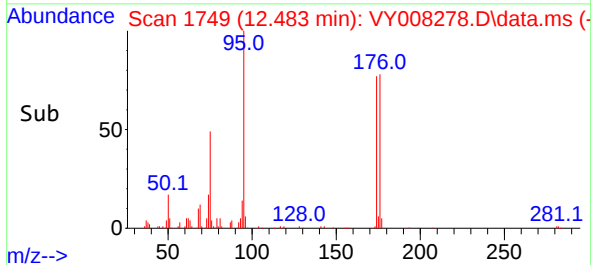
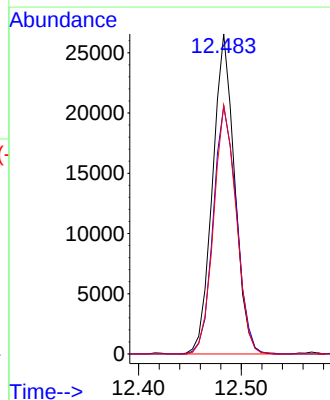
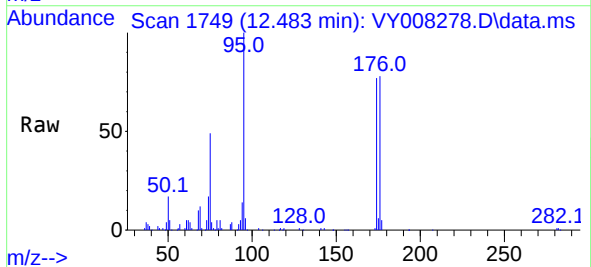
Instrument :
MSVOA_Y
ClientSampleId :

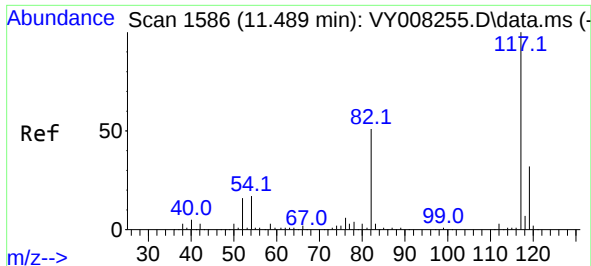
Tgt Ion: 98 Resp: 125290
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.774 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

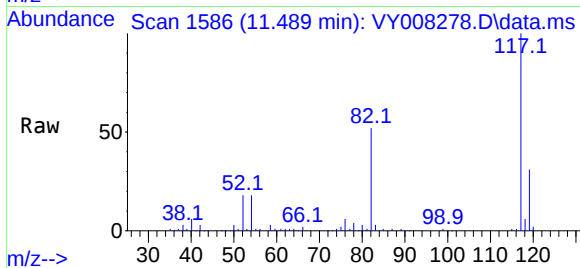
Tgt Ion: 95 Resp: 39484
Ion Ratio Lower Upper
95 100
174 81.8 0.0 177.0
176 79.5 0.0 175.8



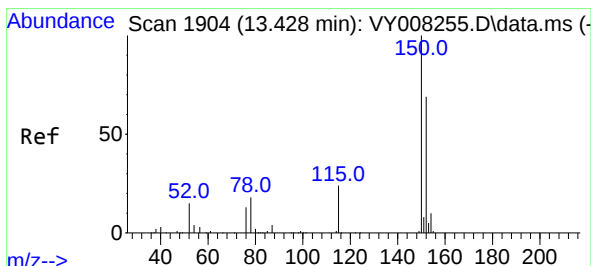
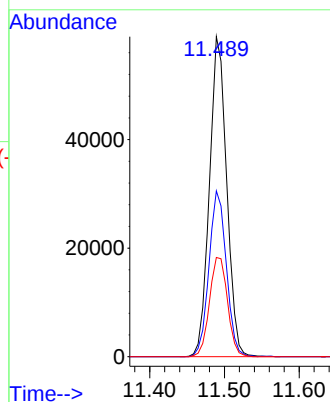
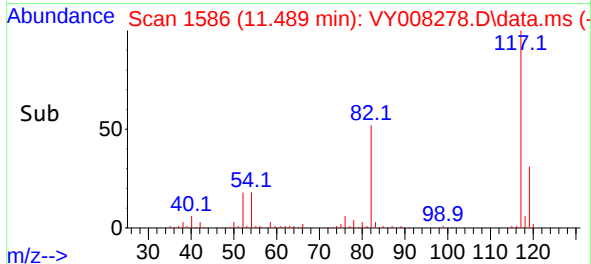


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

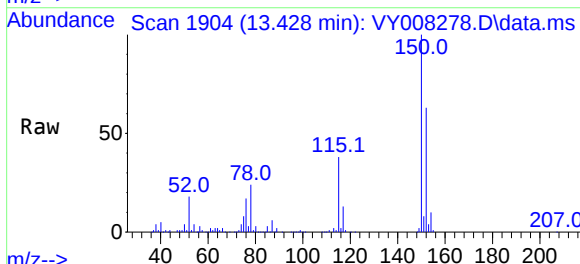
Instrument :
MSVOA_Y
ClientSampleId :



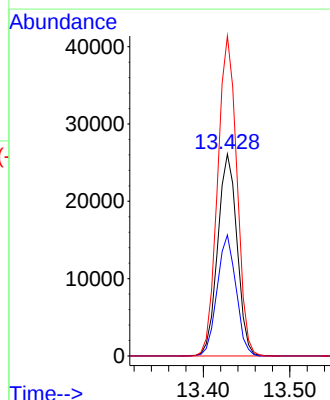
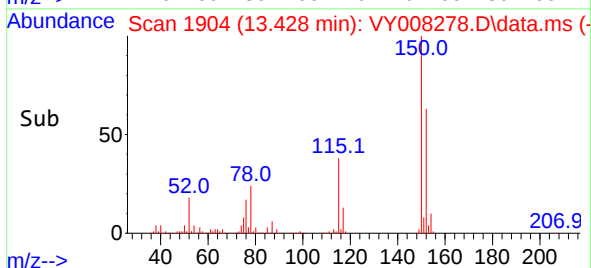
Tgt Ion:117 Resp: 94498
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.0 25.4 38.0

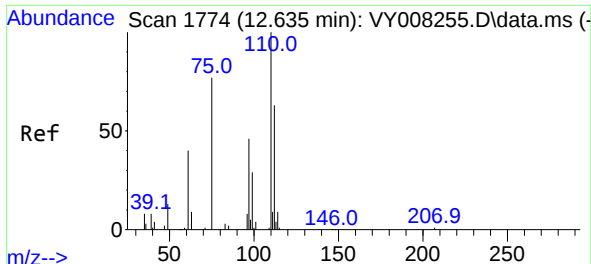


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22



Tgt Ion:152 Resp: 40521
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.7 0.0 347.6

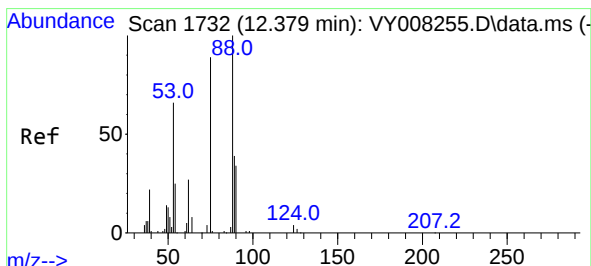
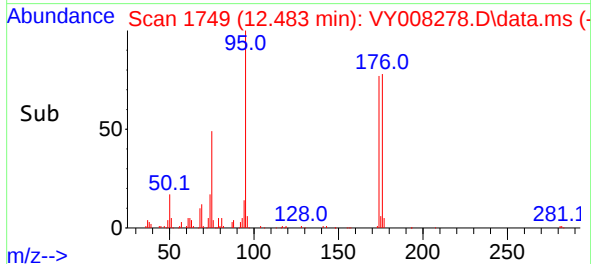
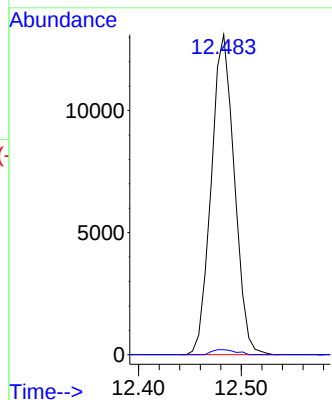
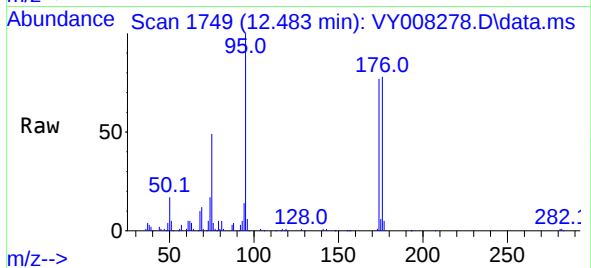




#76
1,2,3-Trichloropropane
Concen: 45.647 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20457
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008278.D
Acq: 11 Apr 2022 17:22

Tgt Ion: 75 Resp: 20457
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

