

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008188.D
 Acq On : 04 Apr 2022 18:13
 Operator : SY/MD
 Sample : N2237-03
 Misc : 7.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:43:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

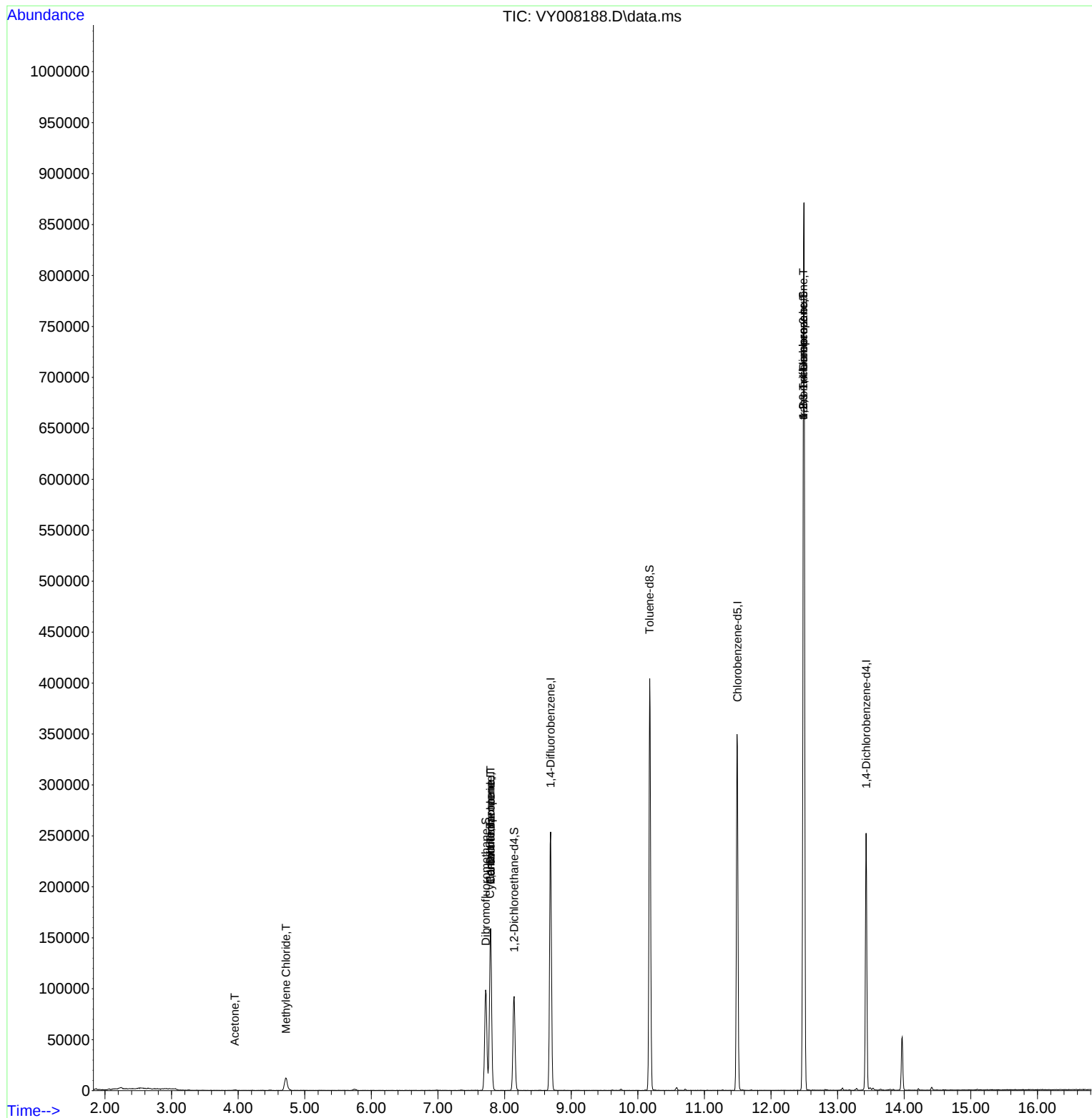
Internal Standards						
1) Pentafluorobenzene	7.789	168	125161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71040	56.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.140%
35) Dibromofluoromethane	7.716	113	70778	50.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.179	98	270947	51.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.483	95	79666	42.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.140%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1015	3.536	ug/l #	87
18) Methyl Acetate	4.479	43	733	Below Cal	#	62
20) Methylene Chloride	4.716	84	9854	2.257	ug/l #	80
31) Cyclohexane	7.783	56	2463	1.049	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9263	4.188	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12177	5.052	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45361	58.940	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45361	131.503	ug/l #	9

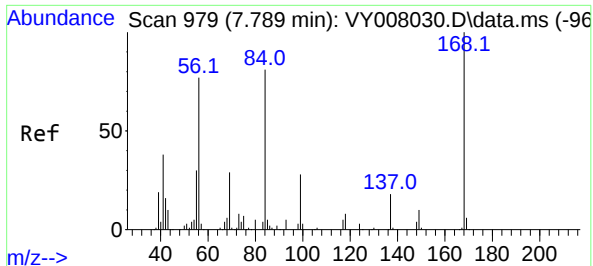
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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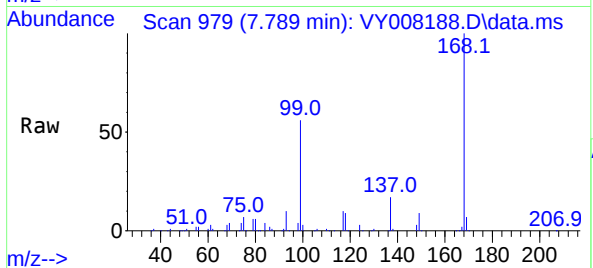
Quant Time: Apr 05 04:43:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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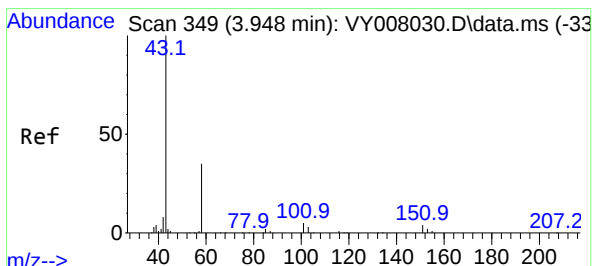
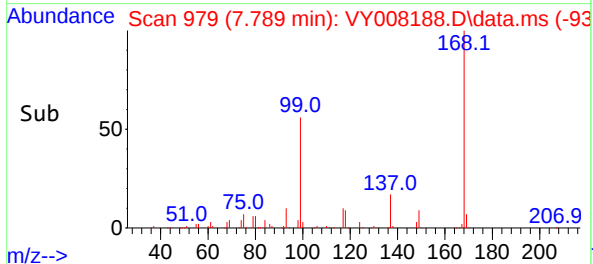
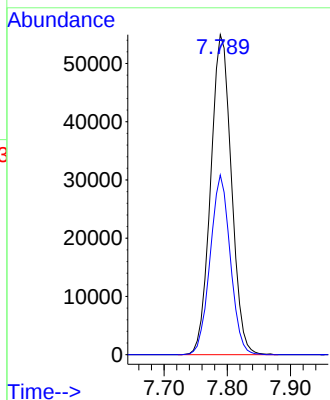


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :

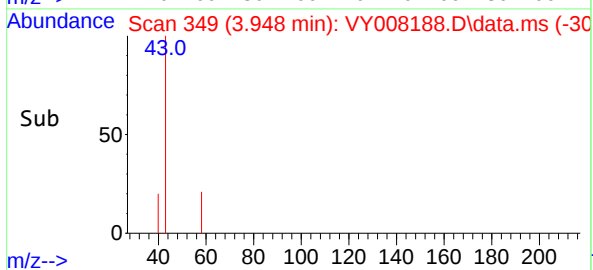
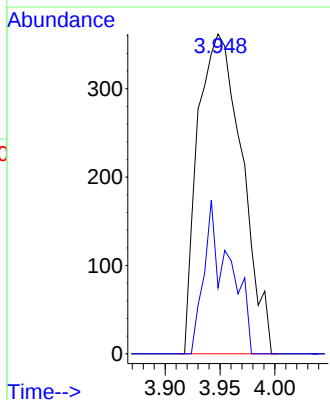
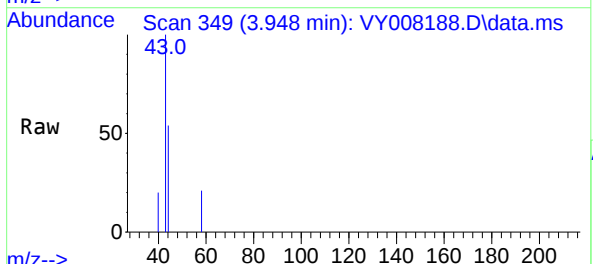


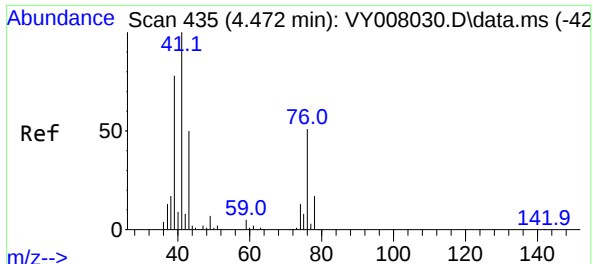
Tgt Ion:168 Resp: 125161
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#16
Acetone
Concen: 3.536 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

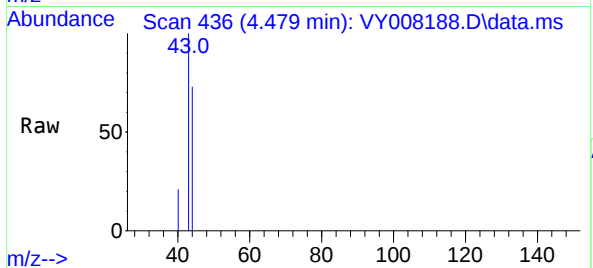
Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 20.7 22.0 33.0#



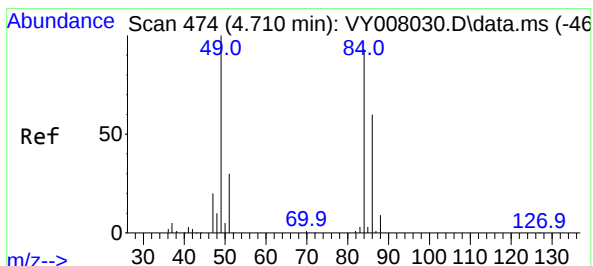
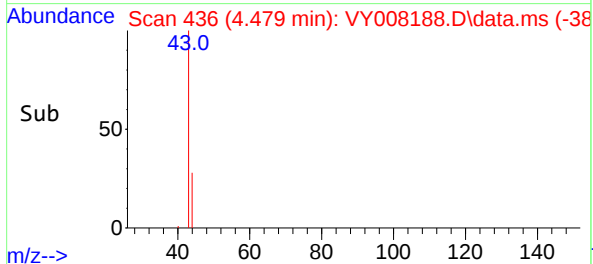
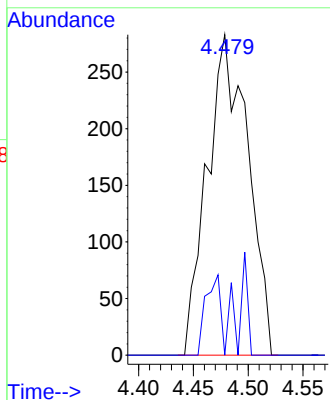


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :

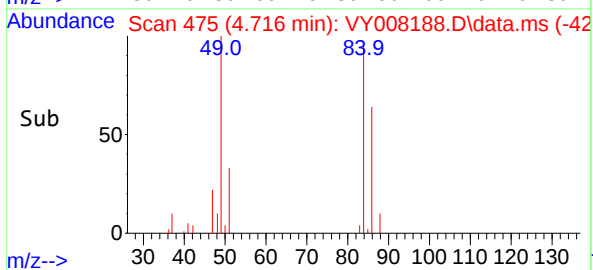
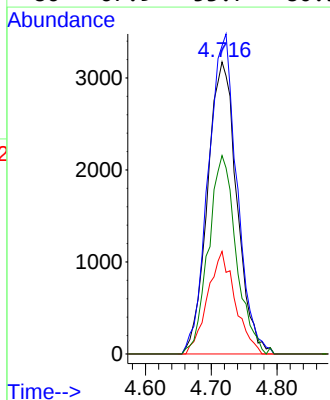
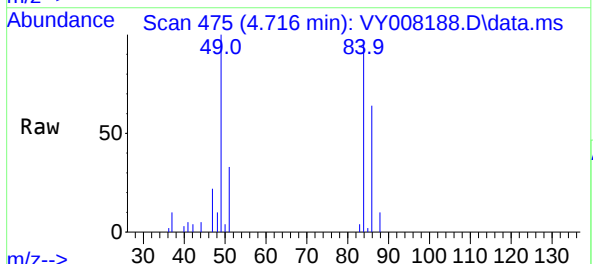


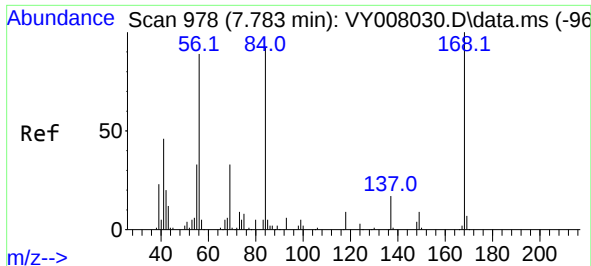
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
74 3.1 16.6 24.8#



#20
Methylene Chloride
Concen: 2.257 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

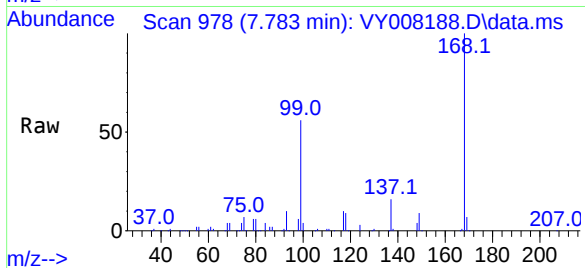
Tgt Ion: 84 Resp: 9854
Ion Ratio Lower Upper
84 100
49 105.5 114.4 171.6#
51 35.1 35.3 52.9#
86 67.9 53.7 80.5



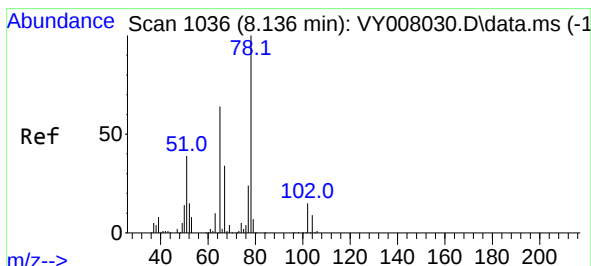
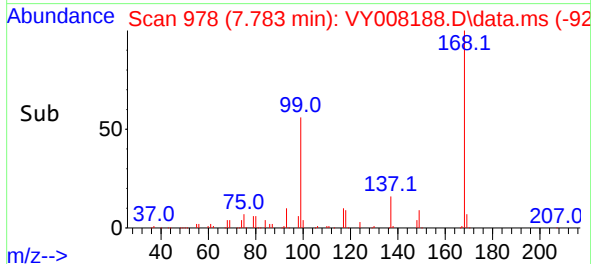
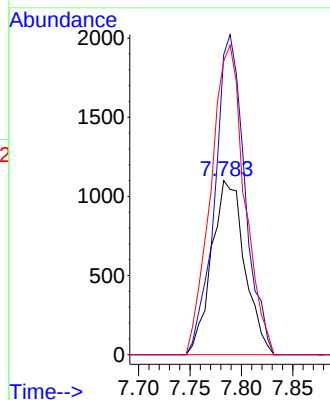


#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :

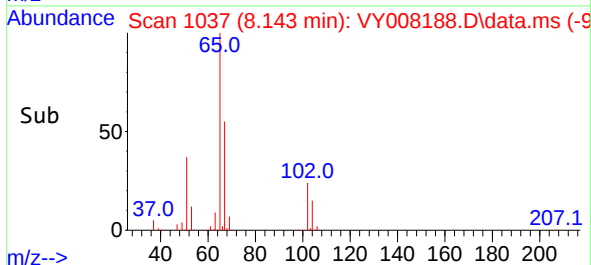
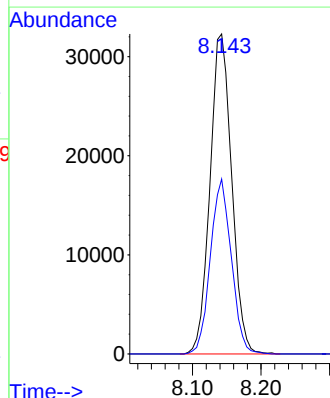
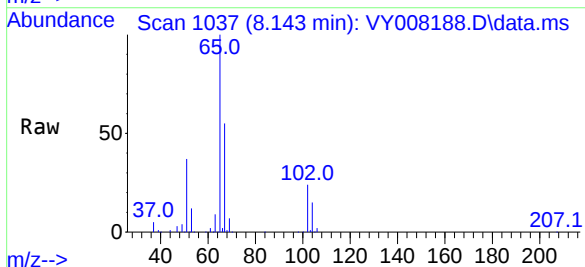


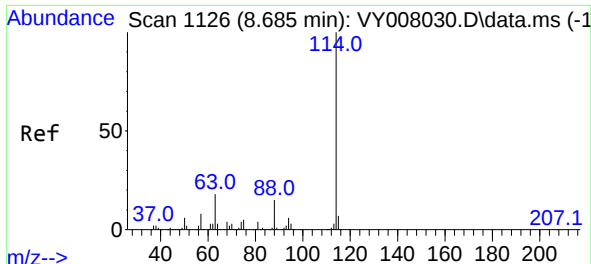
Tgt Ion: 56 Resp: 2463
Ion Ratio Lower Upper
56 100
69 172.5 26.7 40.1#
84 168.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.572 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Tgt Ion: 65 Resp: 71040
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008188.D

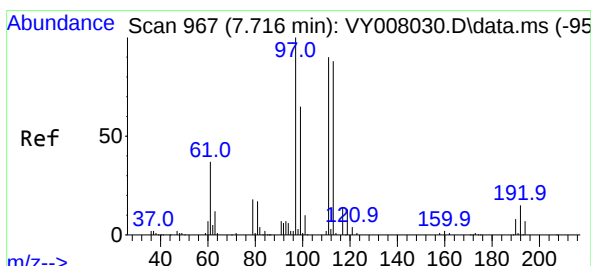
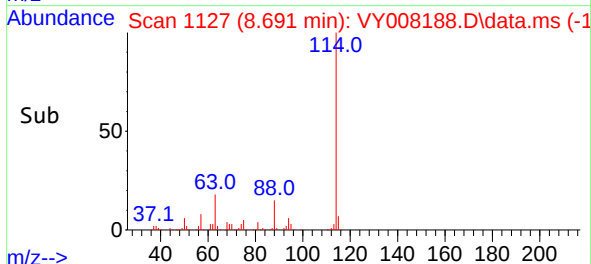
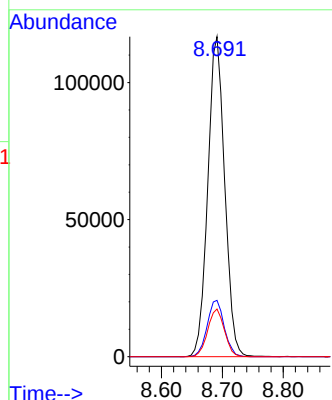
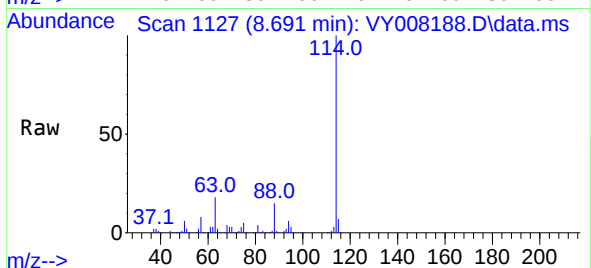
Acq: 04 Apr 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	224562
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	43.2
88	14.9	0.0	31.8



#35

Dibromofluoromethane

Concen: 50.271 ug/l

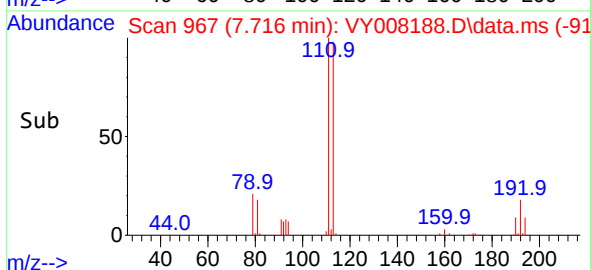
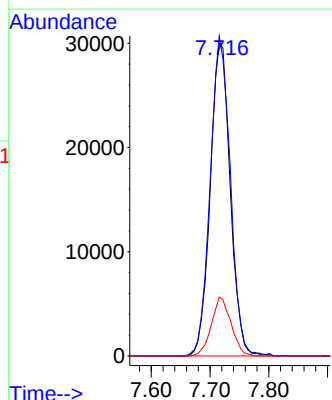
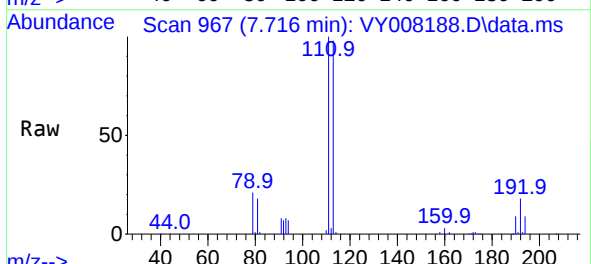
RT: 7.716 min Scan# 967

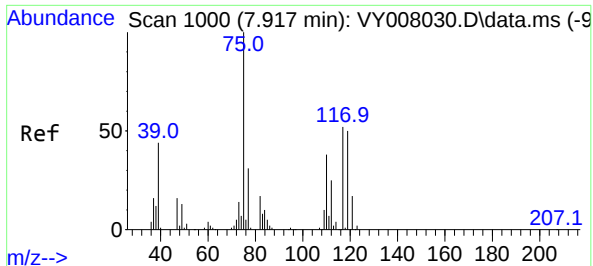
Delta R.T. -0.000 min

Lab File: VY008188.D

Acq: 04 Apr 2022 18:13

Tgt Ion:	113	Resp:	70778
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	18.5	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.188 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

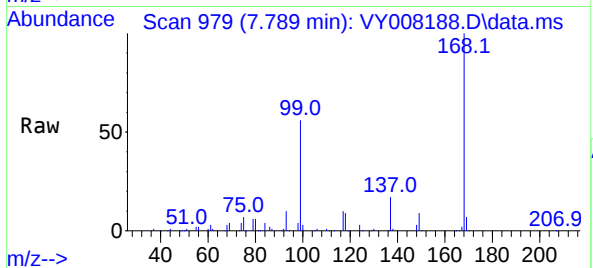
Lab File: VY008188.D

Acq: 04 Apr 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :



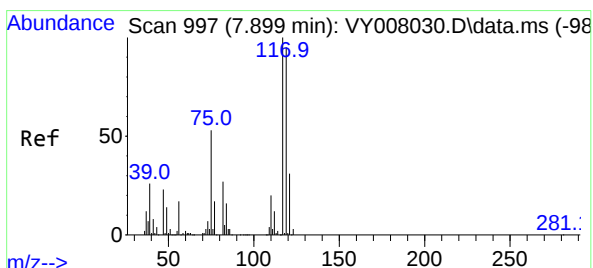
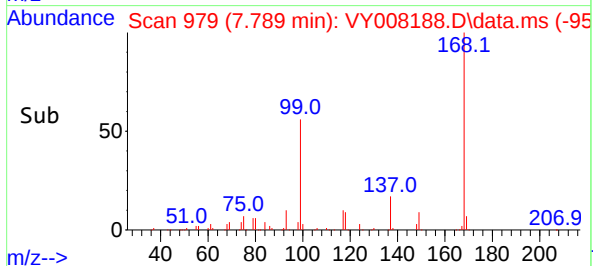
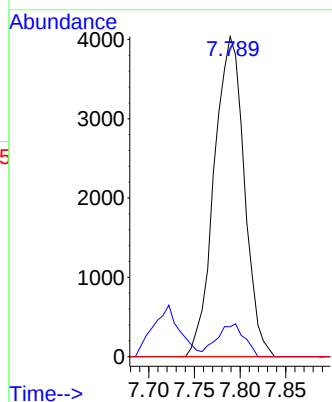
Tgt Ion: 75 Resp: 9263

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.052 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008188.D

Acq: 04 Apr 2022 18:13

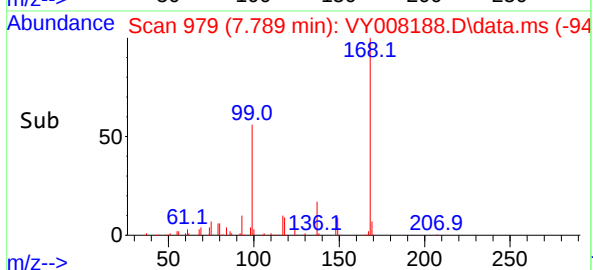
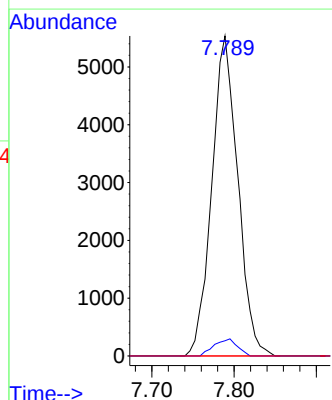
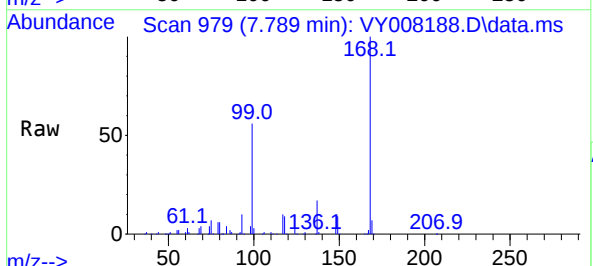
Tgt Ion: 117 Resp: 12177

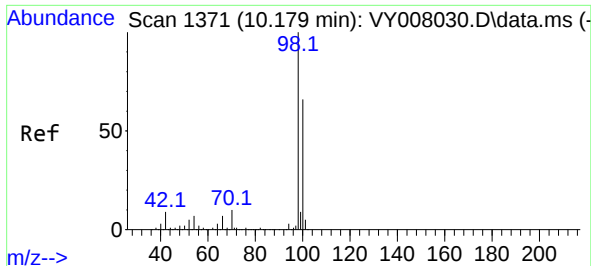
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

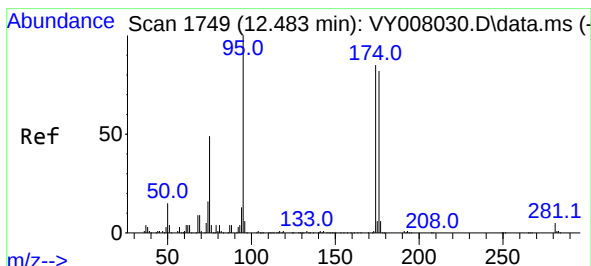
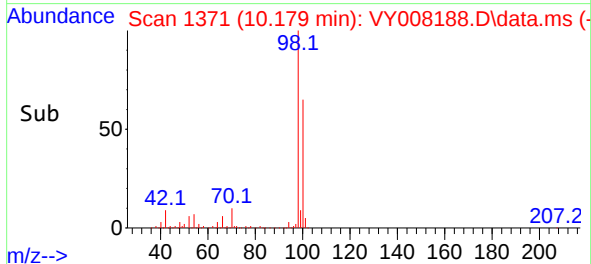
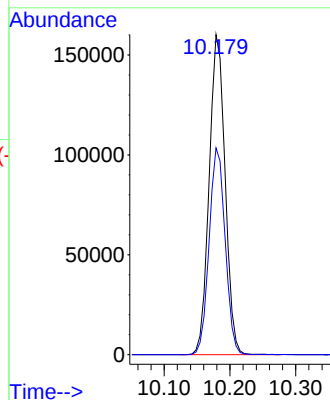
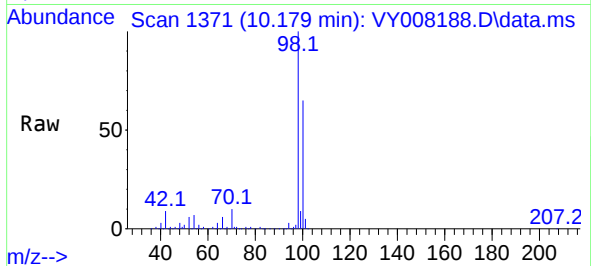




#50
Toluene-d8
Concen: 51.079 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

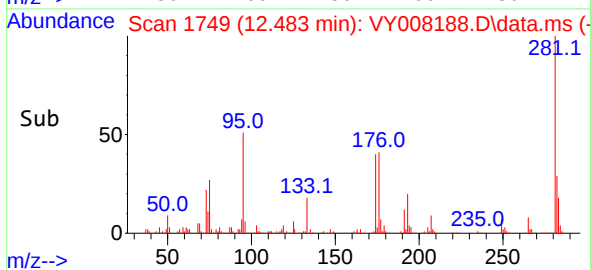
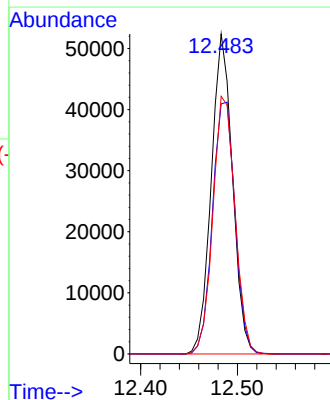
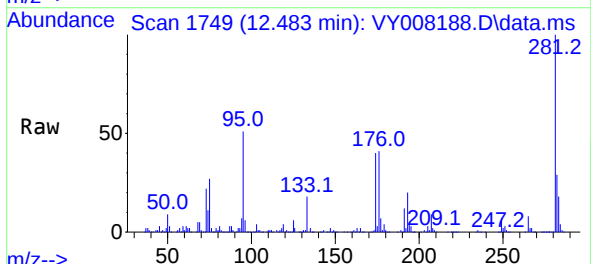
Instrument :
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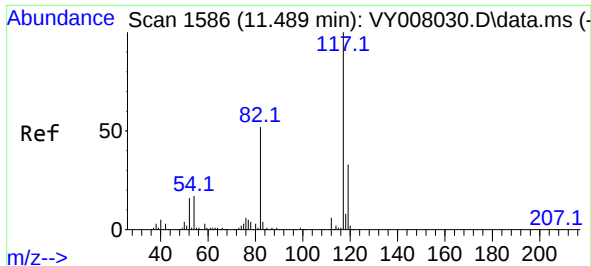
Tgt Ion: 98 Resp: 270947
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.570 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Tgt Ion: 95 Resp: 79666
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 83.9 0.0 175.8

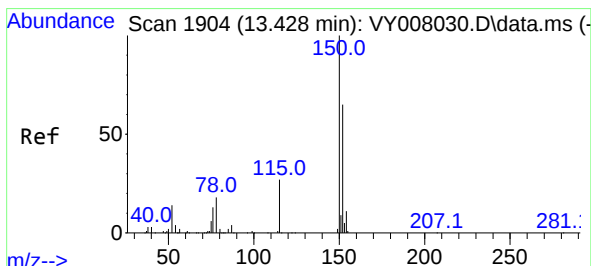
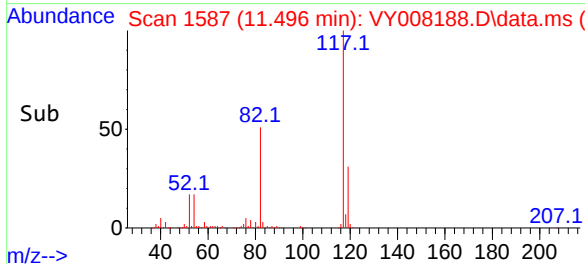
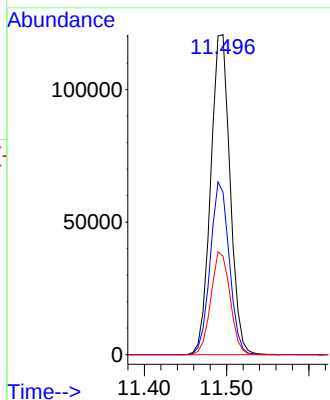
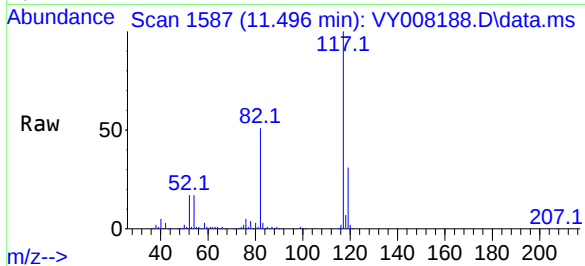




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

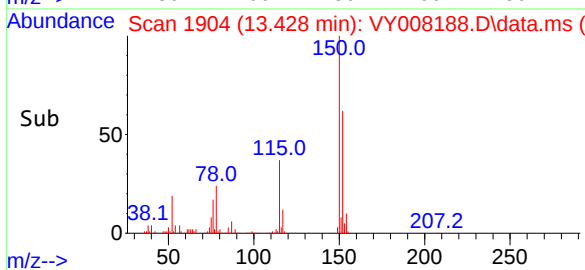
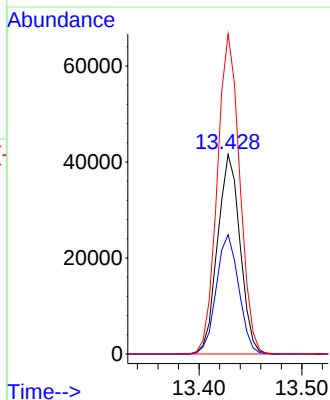
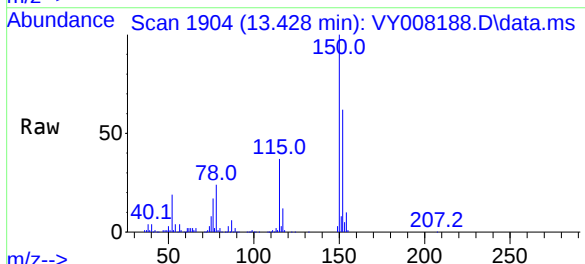
Instrument :
MSVOA_Y
ClientSampleId :

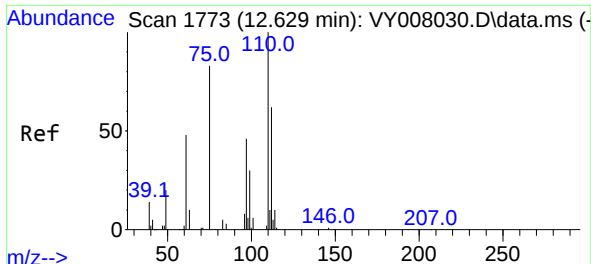
Tgt Ion:117 Resp: 197342
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Tgt Ion:152 Resp: 63135
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 160.1 0.0 347.6

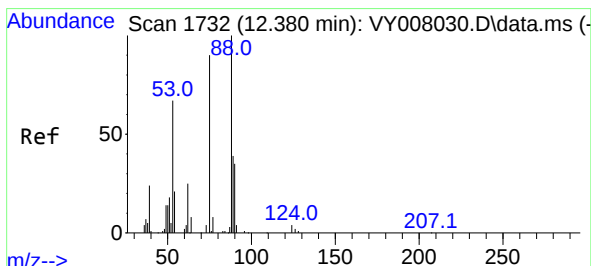
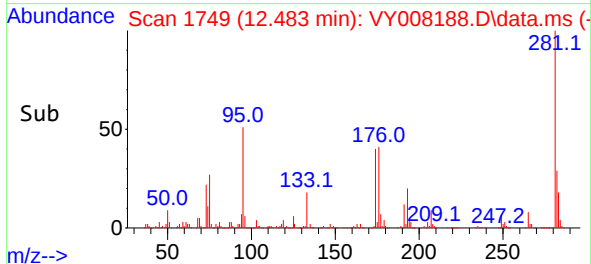
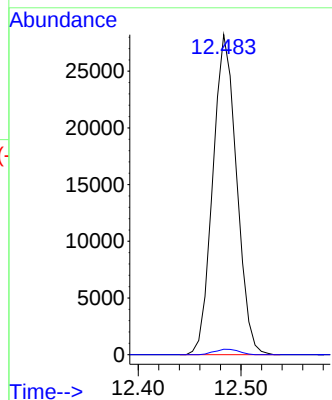
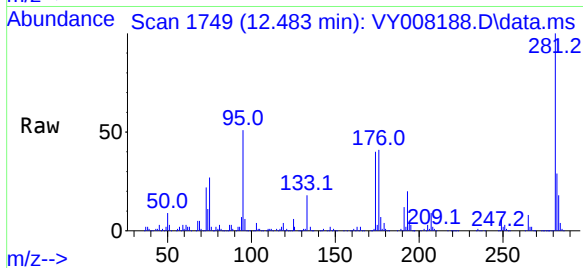




#76
1,2,3-Trichloropropane
Concen: 58.940 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45361
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.503 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008188.D
Acq: 04 Apr 2022 18:13

Tgt Ion: 75 Resp: 45361
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.6 37.0 55.4#

