

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008167.D
 Acq On : 01 Apr 2022 17:38
 Operator : SY/MD
 Sample : N2220-10
 Misc : 7.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A04015

Quant Time: Apr 02 03:58:44 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)

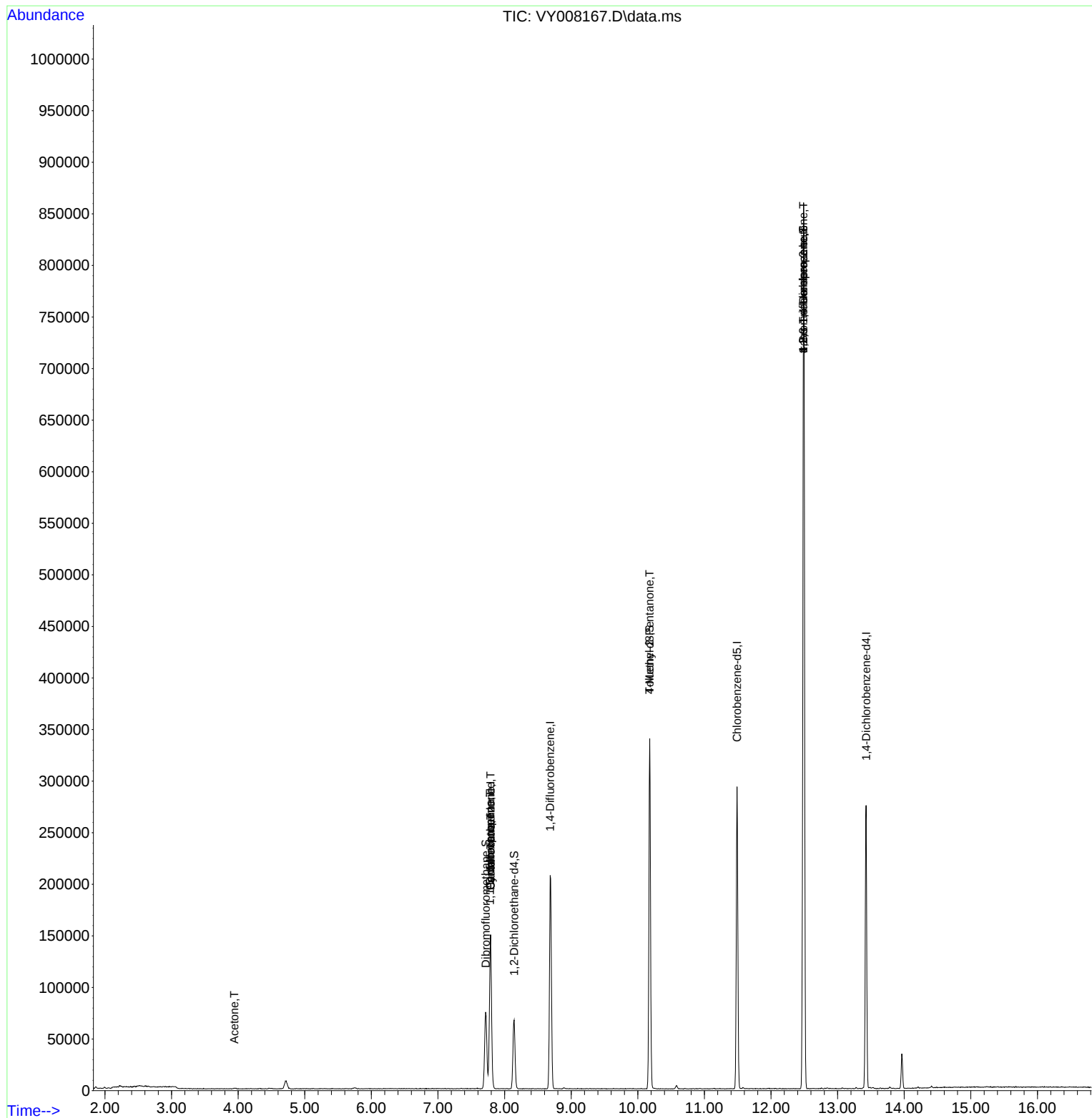
Internal Standards						
1) Pentafluorobenzene	7.789	168	111812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	188011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52181	46.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.040%
35) Dibromofluoromethane	7.716	113	53946	45.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.520%
50) Toluene-d8	10.179	98	223376	50.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.483	95	72918	46.539	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.080%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	963	3.756	ug/l #	83
18) Methyl Acetate	4.491	43	1002	Below Cal	#	86
31) Cyclohexane	7.789	56	2389	1.139	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8769	4.736	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11166	5.534	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	887	1.036	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42893	50.222	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42893	112.054	ug/l #	10

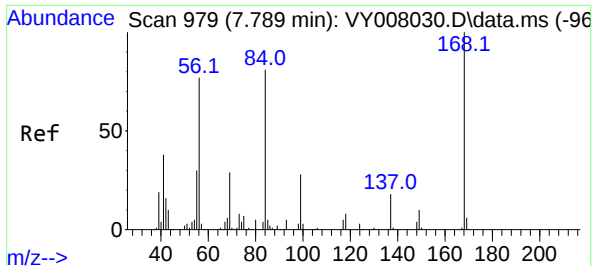
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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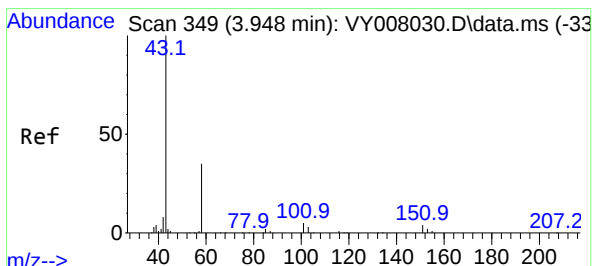
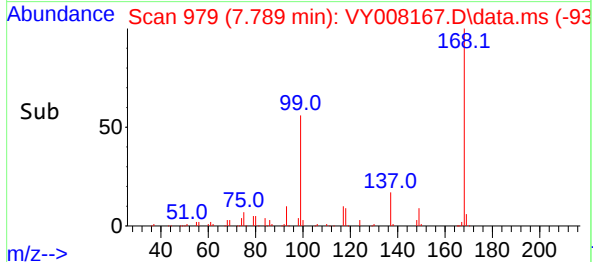
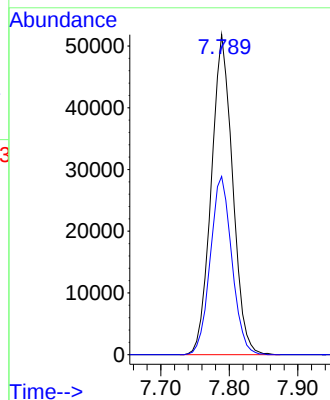
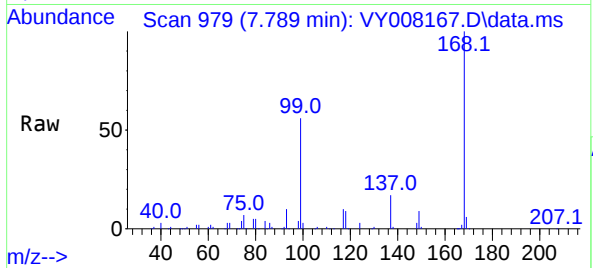




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

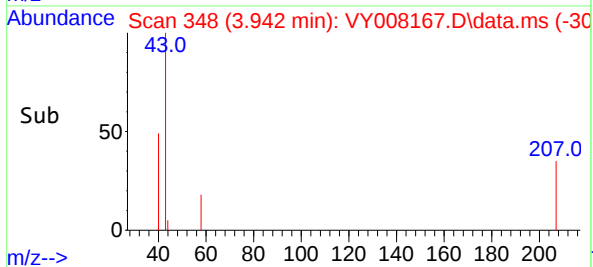
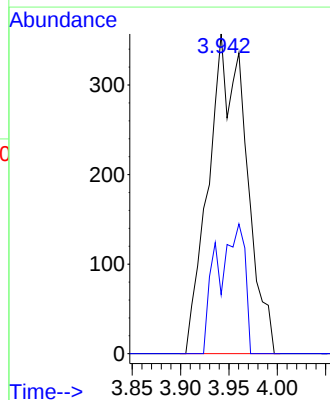
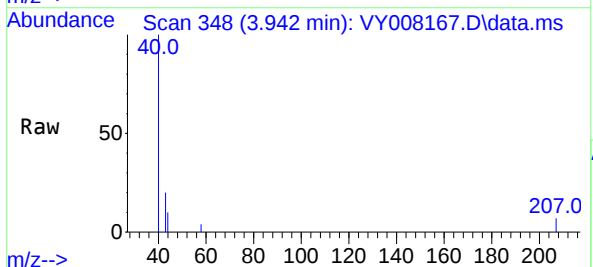
Instrument :
MSVOA_Y
ClientSampleId :
A04015

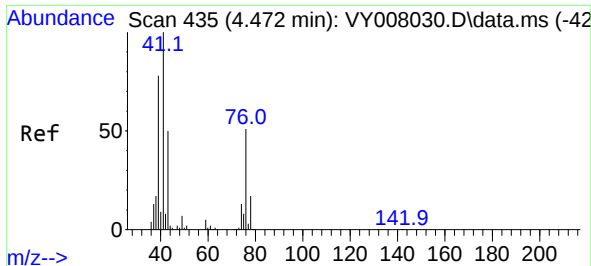
Tgt Ion:168 Resp: 111812
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#16
Acetone
Concen: 3.756 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 18.5 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.491 min Scan# 41

Delta R.T. 0.019 min

Lab File: VY008167.D

Acq: 01 Apr 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

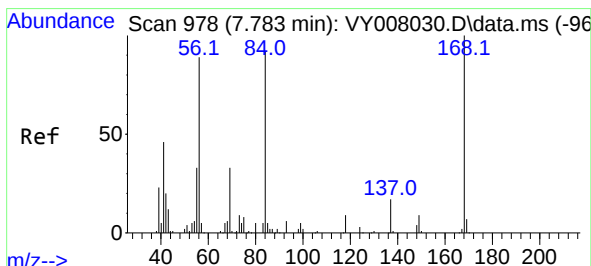
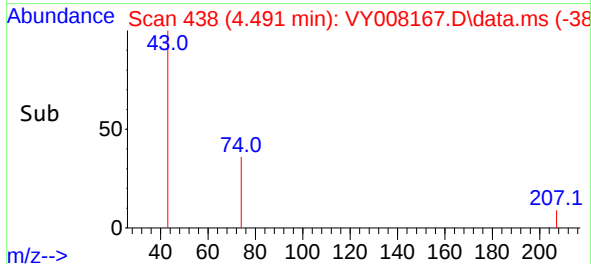
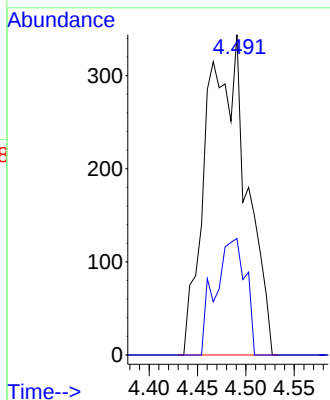
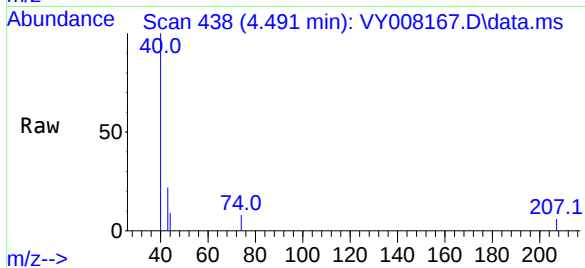
A04015

Tgt Ion: 43 Resp: 1002

Ion Ratio Lower Upper

43 100

74 27.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008167.D

Acq: 01 Apr 2022 17:38

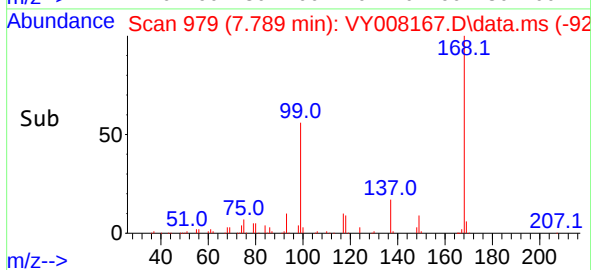
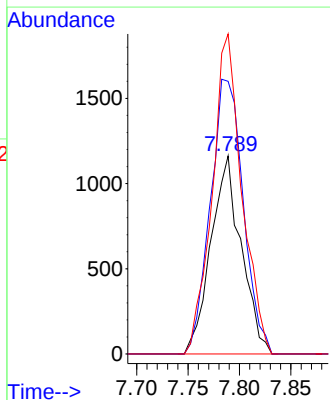
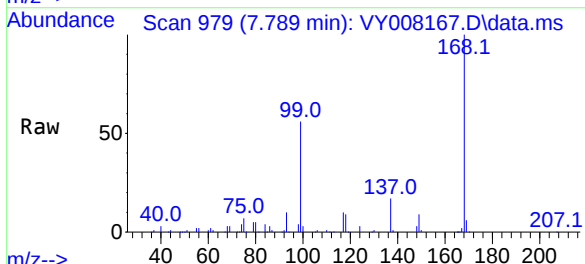
Tgt Ion: 56 Resp: 2389

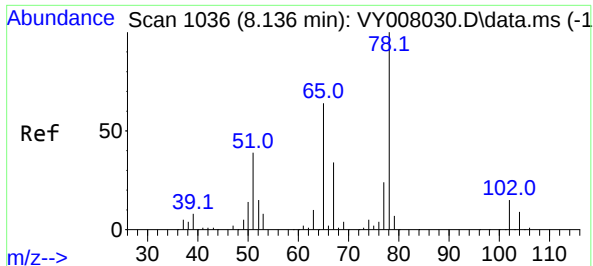
Ion Ratio Lower Upper

56 100

69 137.6 26.7 40.1#

84 171.0 67.2 100.8#

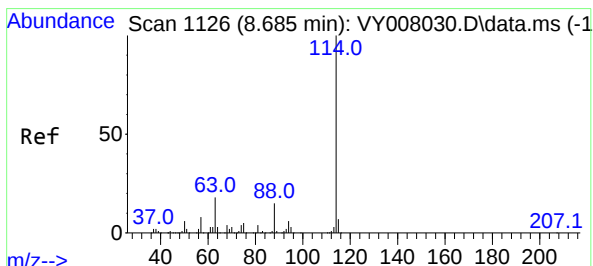
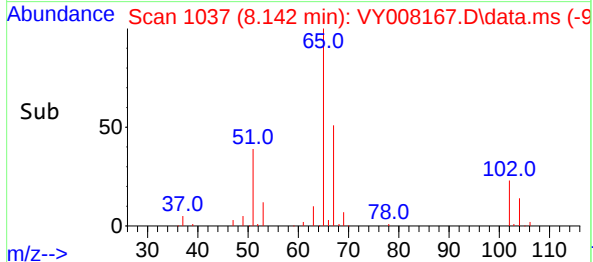
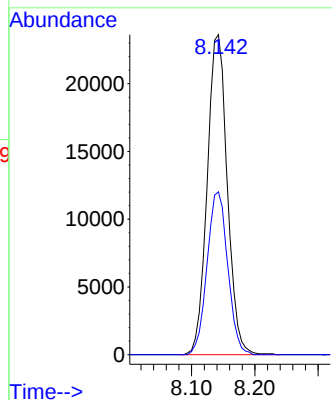
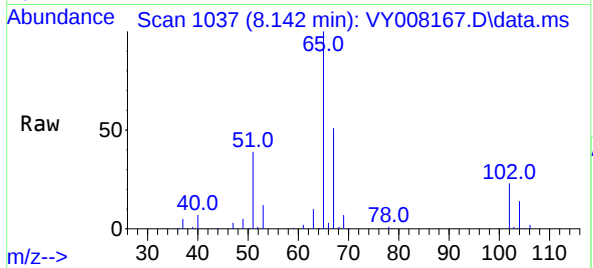




#33
 1,2-Dichloroethane-d4
 Concen: 46.515 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VY008167.D
 Acq: 01 Apr 2022 17:38

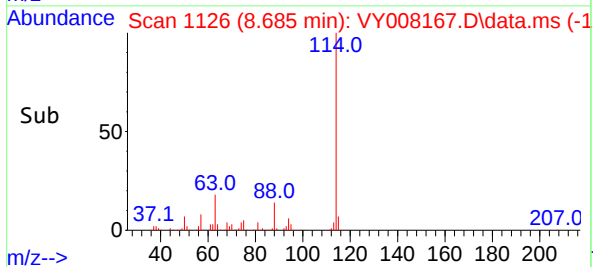
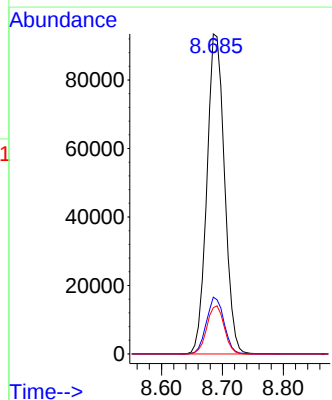
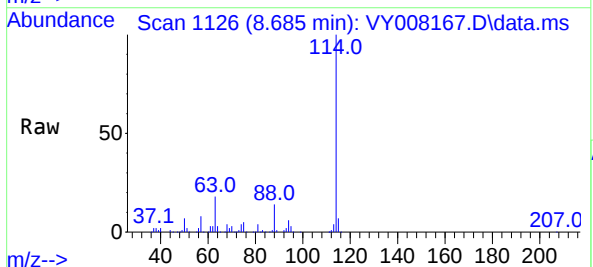
Instrument :
 MSVOA_Y
 ClientSampleId :
 A04015

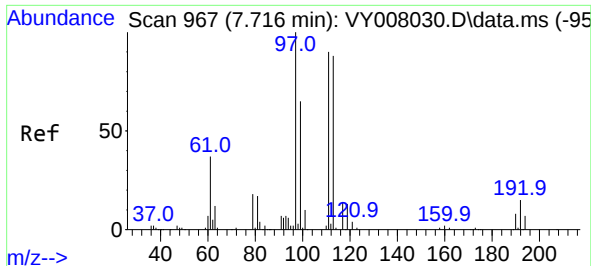
Tgt Ion: 65 Resp: 52181
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY008167.D
 Acq: 01 Apr 2022 17:38

Tgt Ion: 114 Resp: 188011
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 43.2
 88 14.4 0.0 31.8

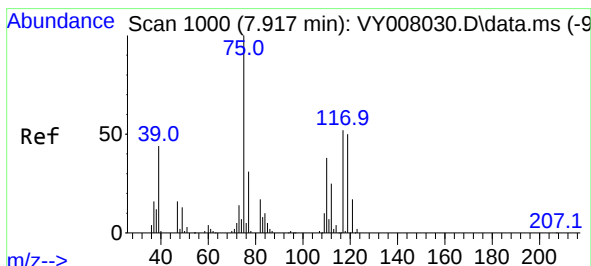
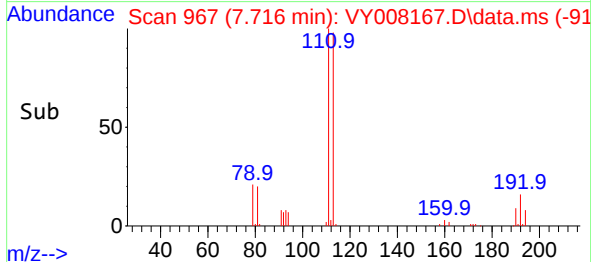
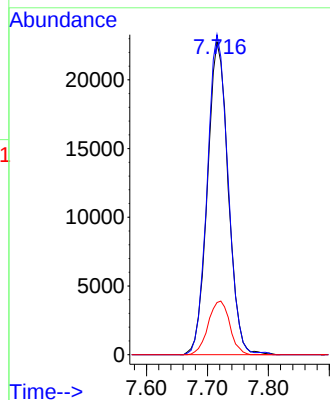
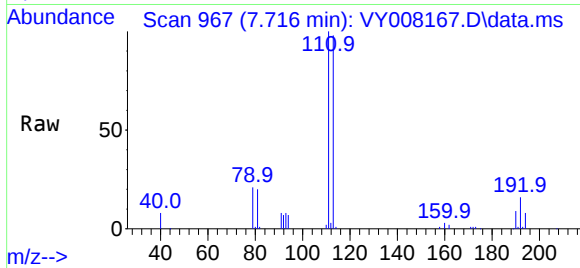




#35
Dibromofluoromethane
Concen: 45.764 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

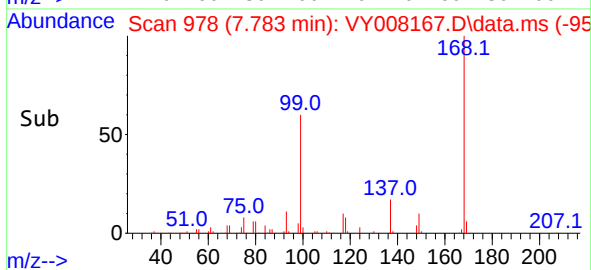
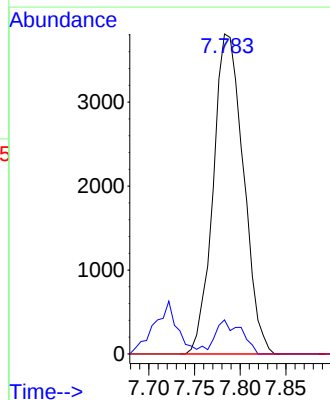
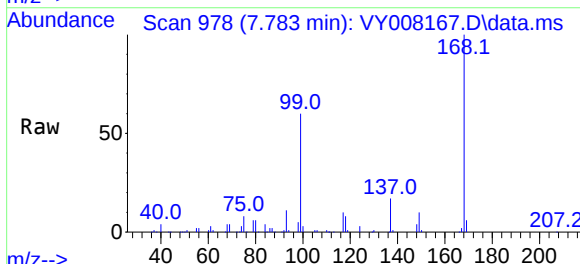
Instrument :
MSVOA_Y
ClientSampleId :
A04015

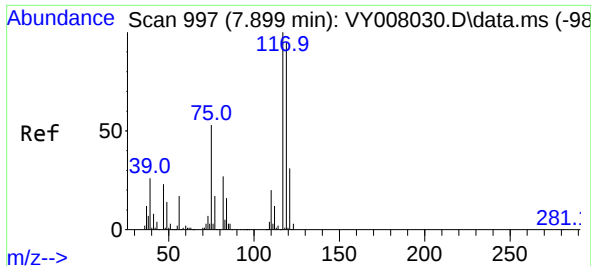
Tgt Ion:113 Resp: 53946
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 17.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

Tgt Ion: 75 Resp: 8769
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

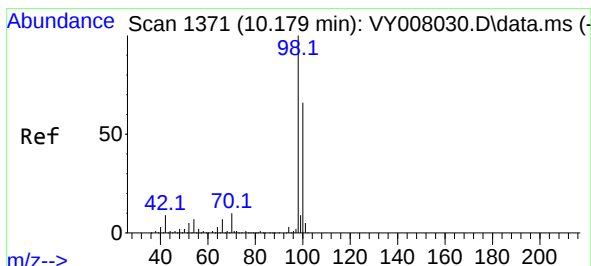
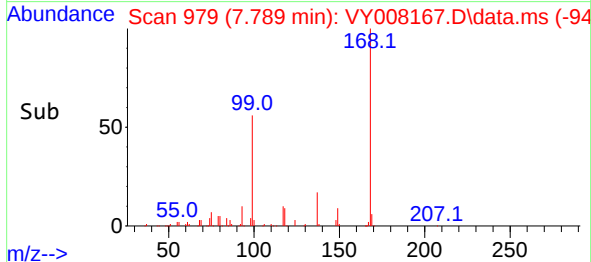
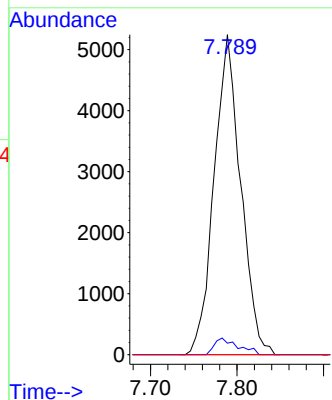
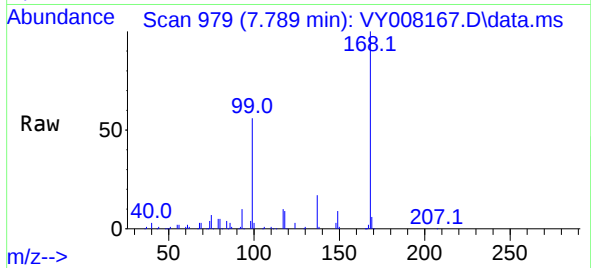




#38
Carbon Tetrachloride
Concen: 5.534 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

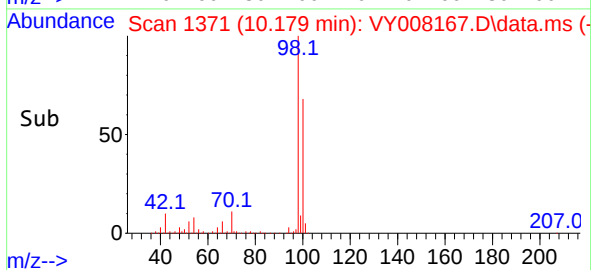
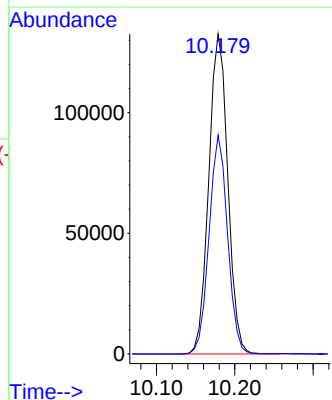
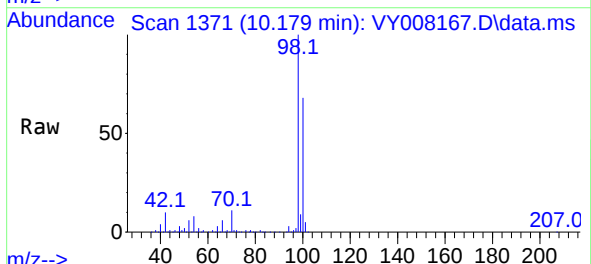
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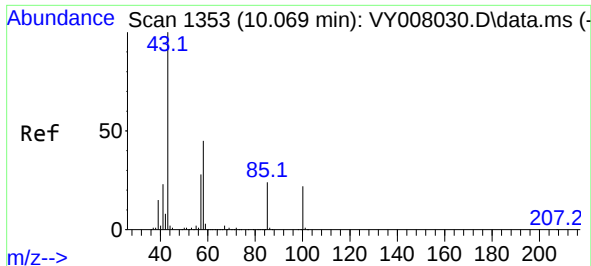
Tgt Ion:117 Resp: 11166
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

Tgt Ion: 98 Resp: 223376
Ion Ratio Lower Upper
98 100
100 66.5 50.2 75.2

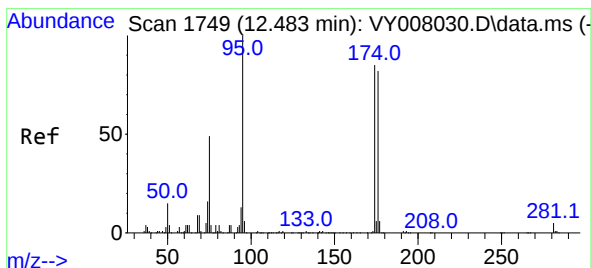
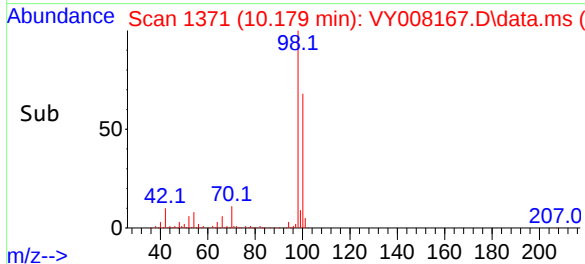
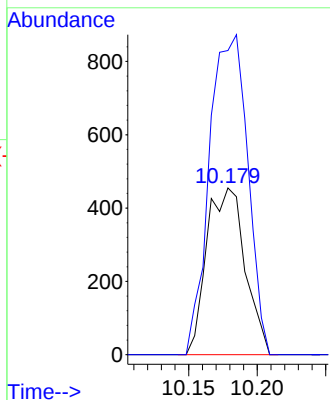
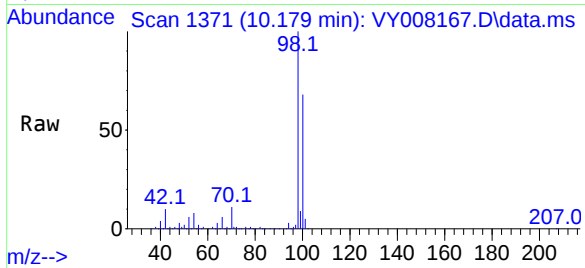




#51
4-Methyl-2-Pentanone
Concen: 1.036 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

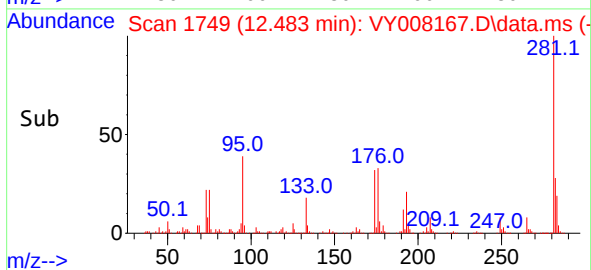
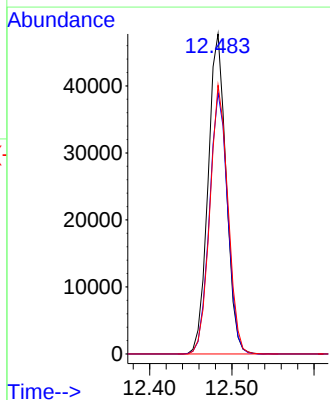
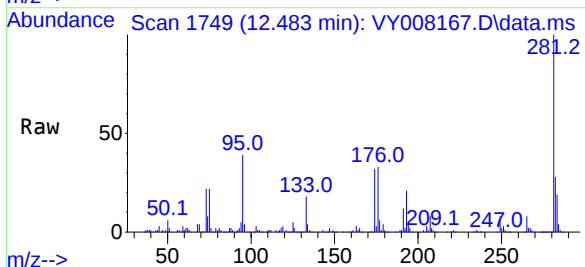
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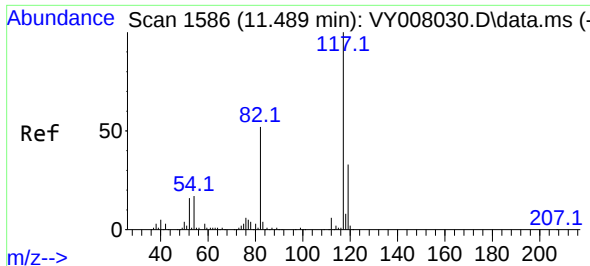
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 191.4 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 46.539 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

Tgt Ion: 95 Resp: 72918
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 84.1 0.0 175.8

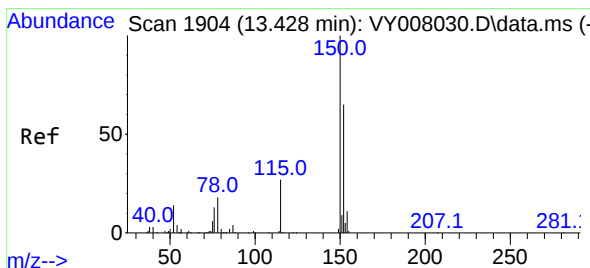
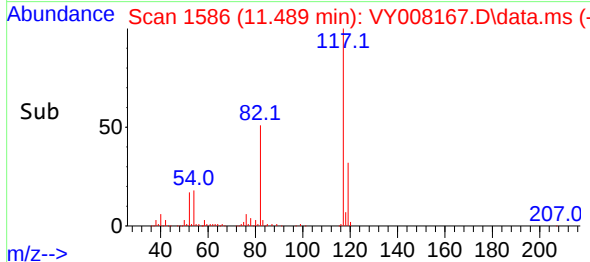
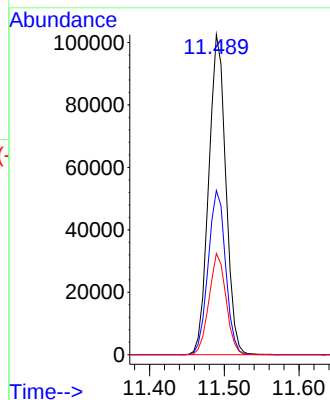
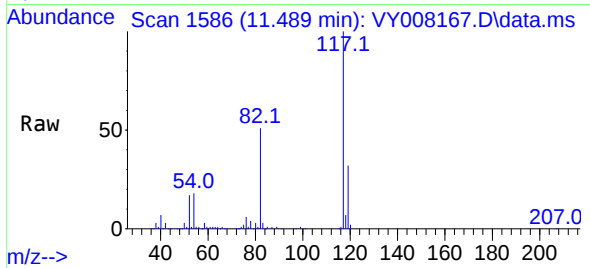




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

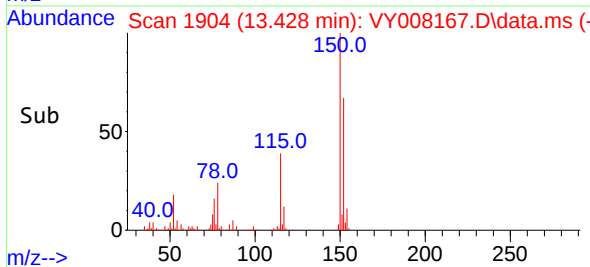
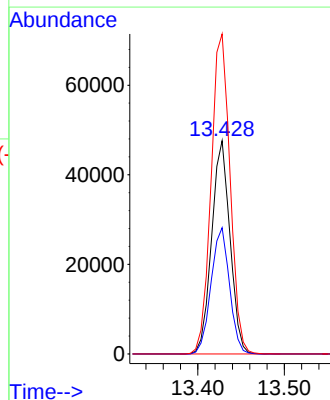
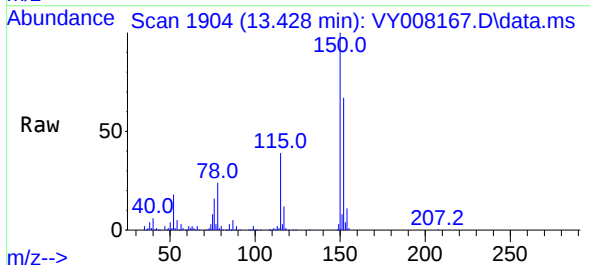
Instrument :
MSVOA_Y
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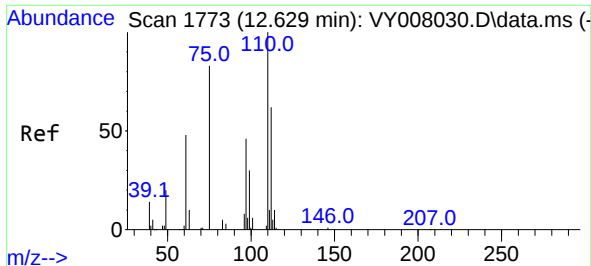
Tgt Ion:117 Resp: 162896
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

Tgt Ion:152 Resp: 70062
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 155.1 0.0 347.6

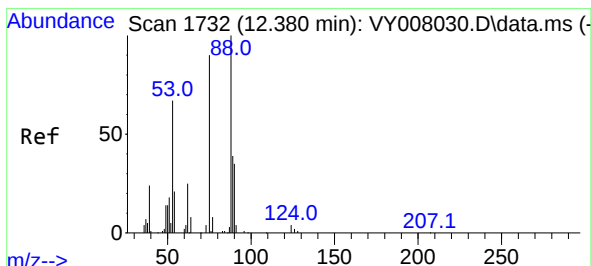
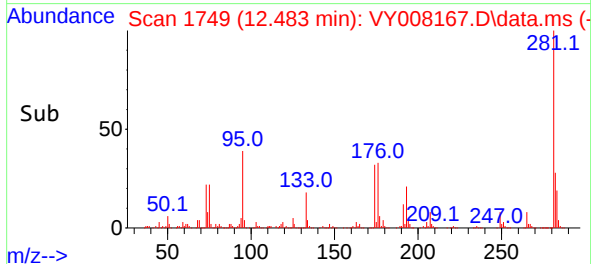
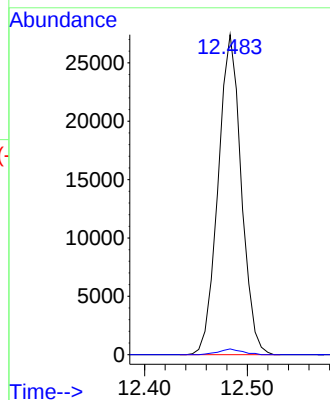
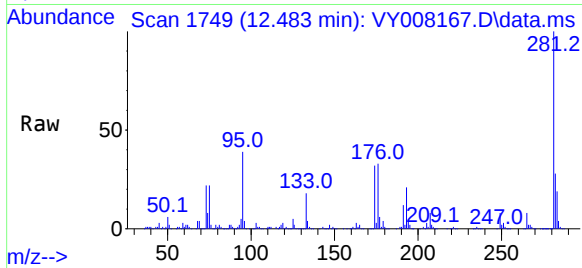




#76
1,2,3-Trichloropropane
Concen: 50.222 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
A04015

Tgt Ion: 75 Resp: 42893
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.054 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008167.D
Acq: 01 Apr 2022 17:38

Tgt Ion: 75 Resp: 42893
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 5.2 37.0 55.4#

