

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008717.D
 Acq On : 11 May 2022 19:11
 Operator : KP/MD
 Sample : N2781-07
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS005-0006-01

Quant Time: May 12 06:31:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

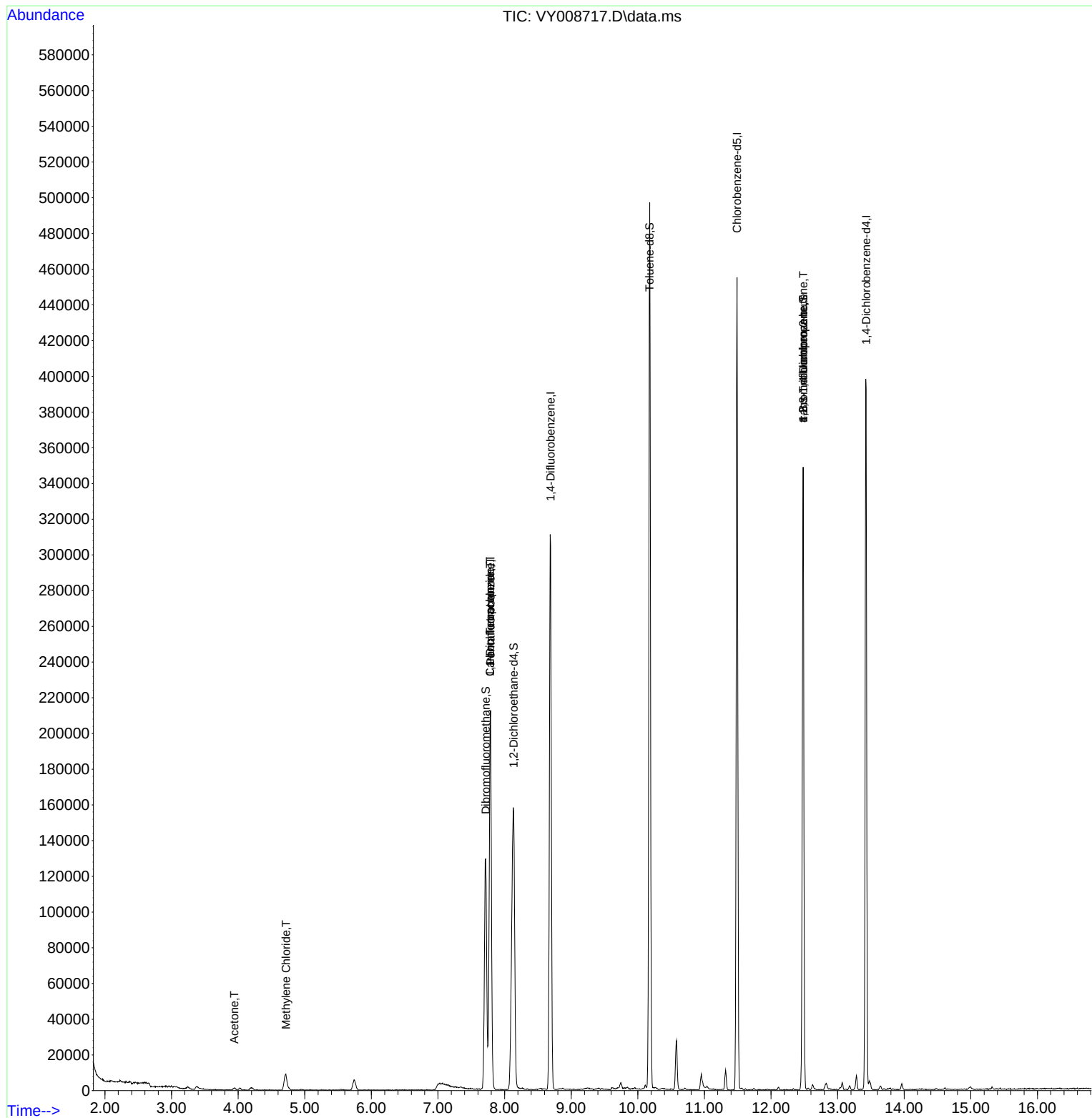
Internal Standards						
1) Pentafluorobenzene	7.789	168	180567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88626	57.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.560%	
35) Dibromofluoromethane	7.716	113	94838	52.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.100%	
50) Toluene-d8	10.179	98	335548	52.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.483	95	102020	44.592	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	519	Below Cal	#	77
16) Acetone	3.942	43	2014	5.517	ug/l #	82
18) Methyl Acetate	4.472	43	68	Below Cal	#	56
20) Methylene Chloride	4.716	84	7500	3.383	ug/l #	68
36) 1,1-Dichloropropene	7.783	75	11623	4.009	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16153	5.508	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49099	38.966	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49099	77.526	ug/l #	8

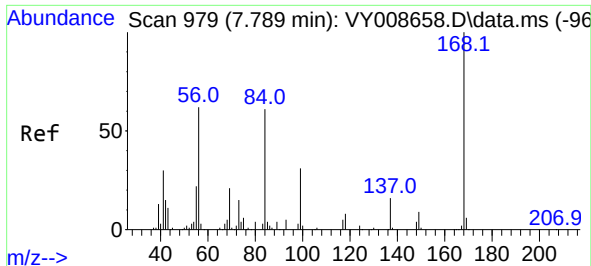
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
Data File : VY008717.D
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Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
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P003-SS005-0006-01

Quant Time: May 12 06:31:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

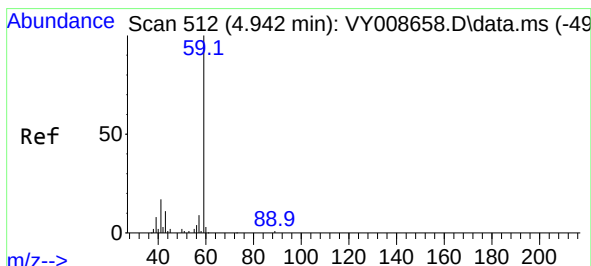
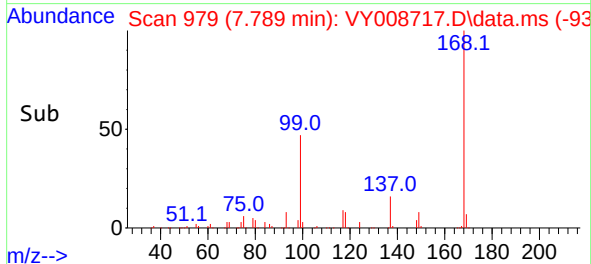
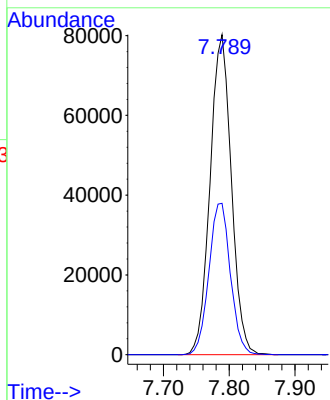
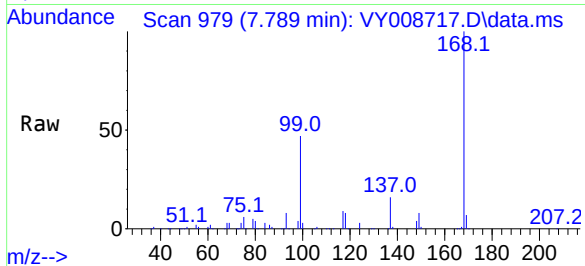




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

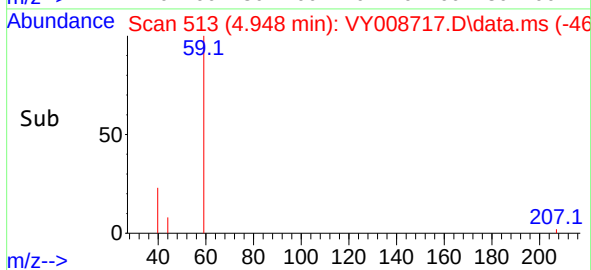
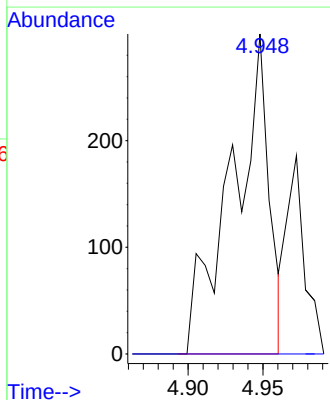
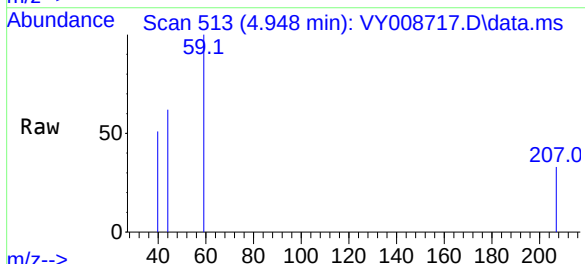
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS005-0006-01

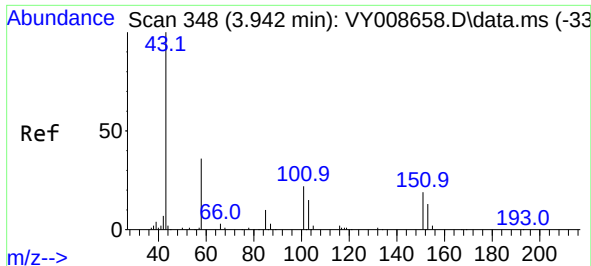
Tgt Ion:168 Resp: 180567
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion: 59 Resp: 519
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

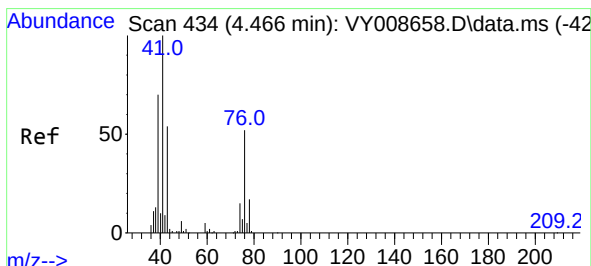
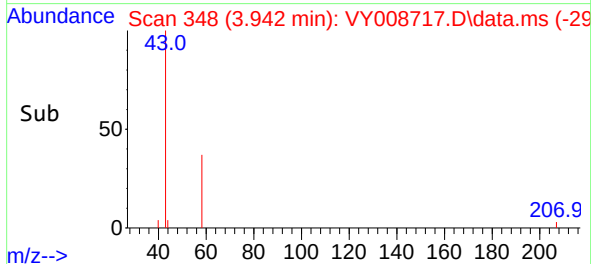
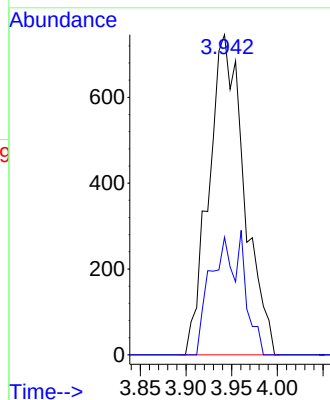
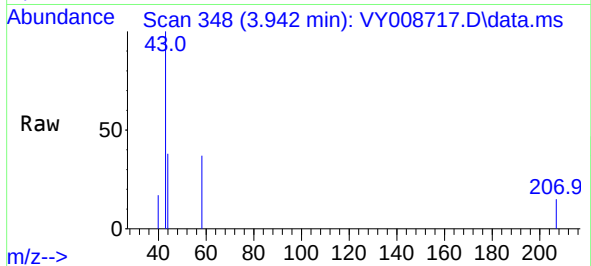




#16
Acetone
Concen: 5.517 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

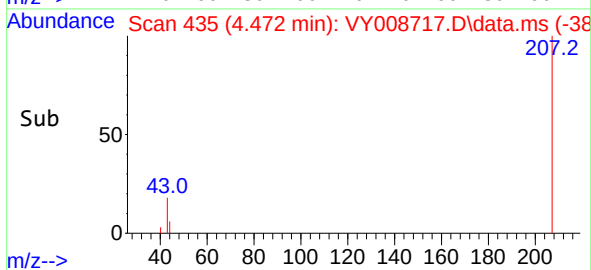
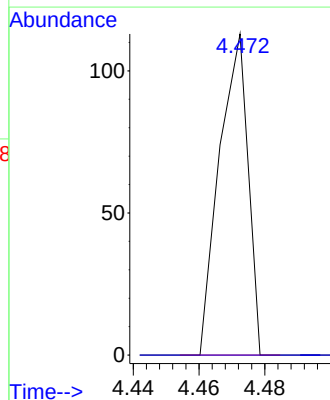
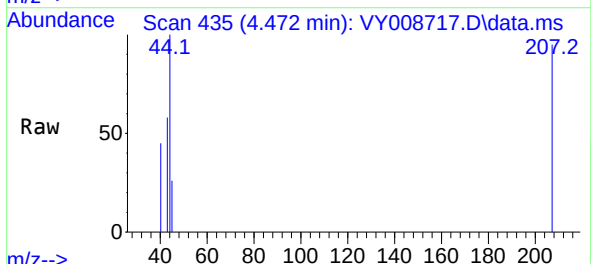
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS005-0006-01

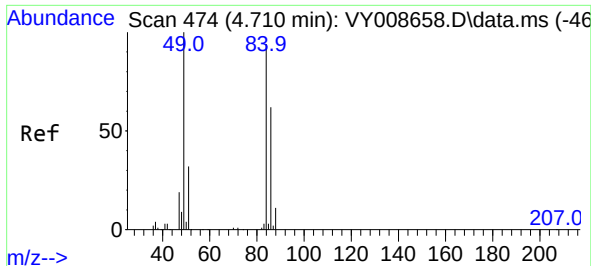
Tgt Ion: 43 Resp: 2014
Ion Ratio Lower Upper
43 100
58 36.7 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

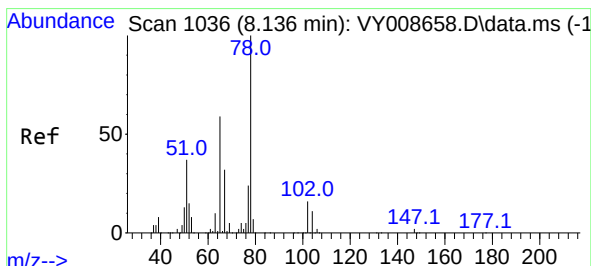
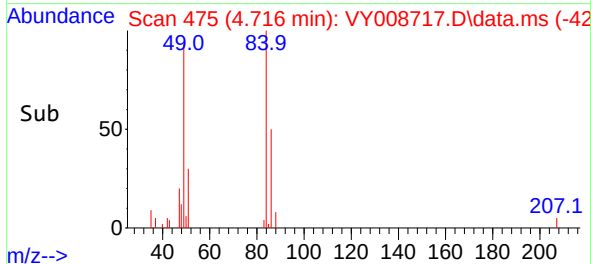
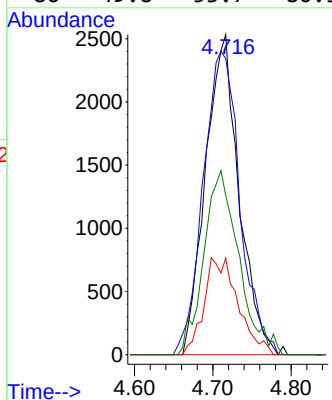
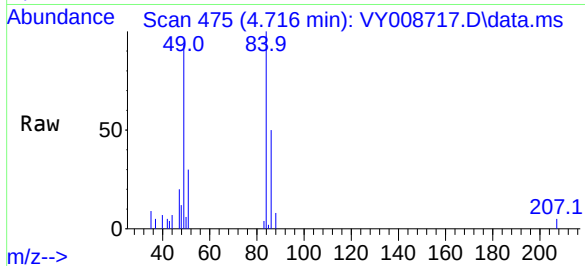




#20
Methylene Chloride
Concen: 3.383 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

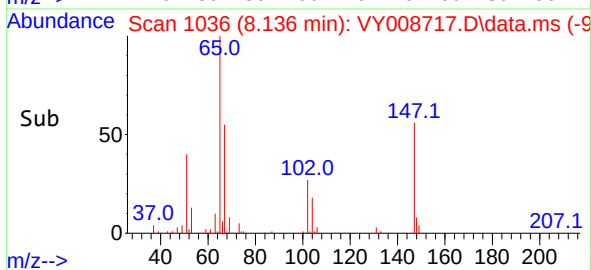
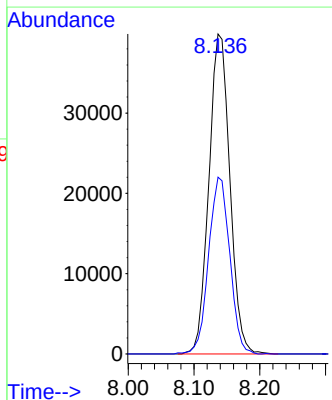
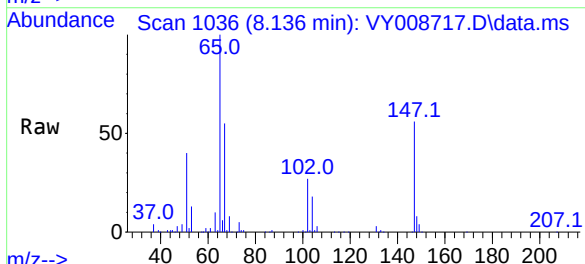
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS005-0006-01

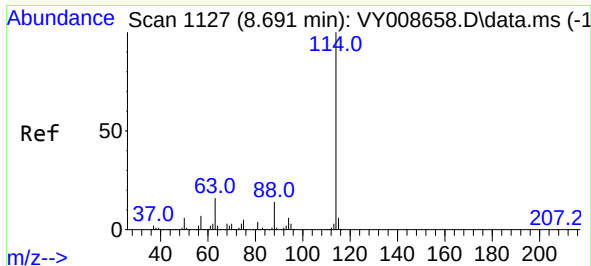
Tgt Ion: 84 Resp: 7500
Ion Ratio Lower Upper
84 100
49 92.6 114.4 171.6#
51 30.2 35.3 52.9#
86 49.8 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 57.282 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion: 65 Resp: 88626
Ion Ratio Lower Upper
65 100
67 55.7 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: VY008717.D

Acq: 11 May 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS005-0006-01

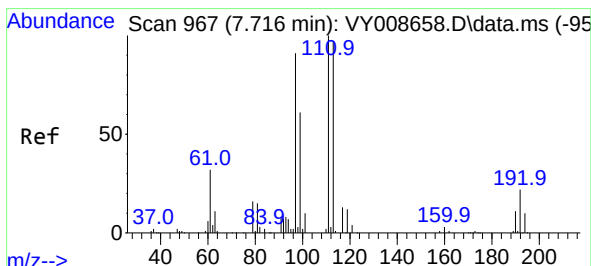
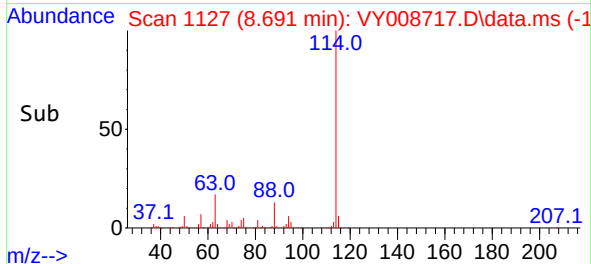
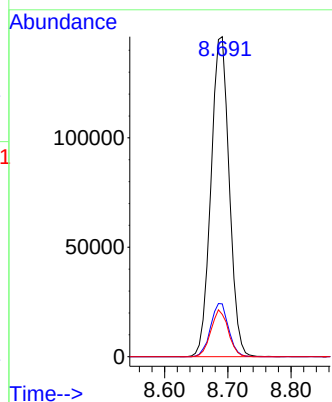
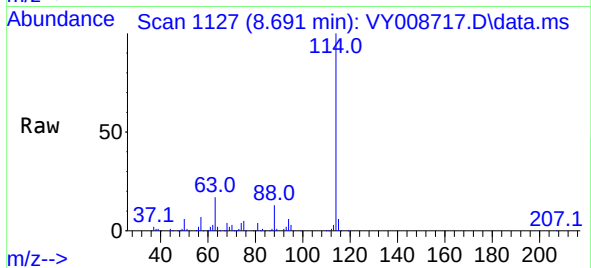
Tgt Ion:114 Resp: 292834

Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.554 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008717.D

Acq: 11 May 2022 19:11

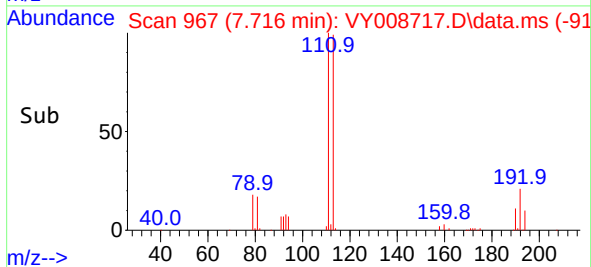
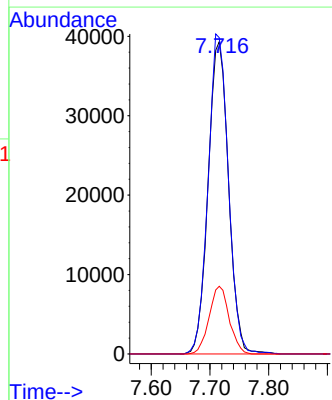
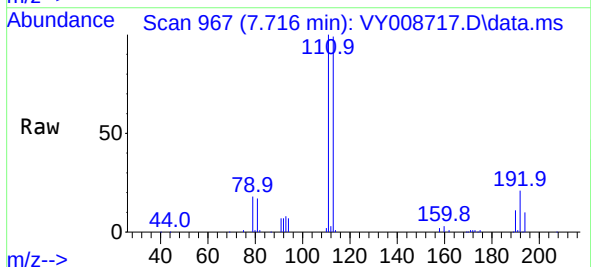
Tgt Ion:113 Resp: 94838

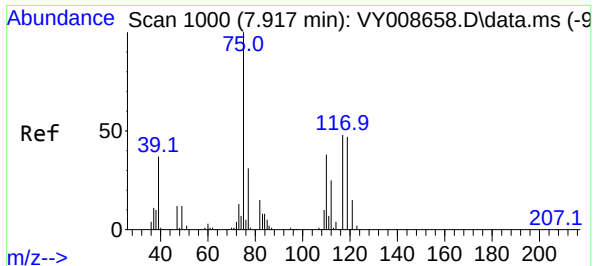
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 21.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.009 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008717.D

Acq: 11 May 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

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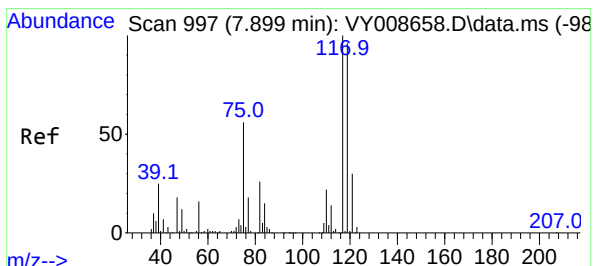
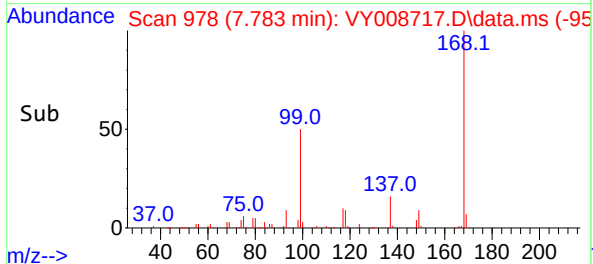
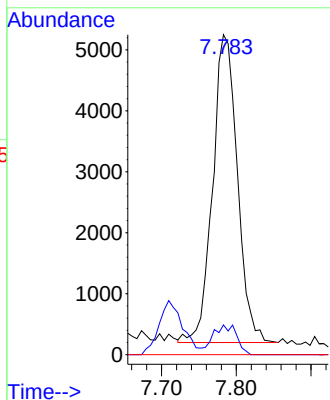
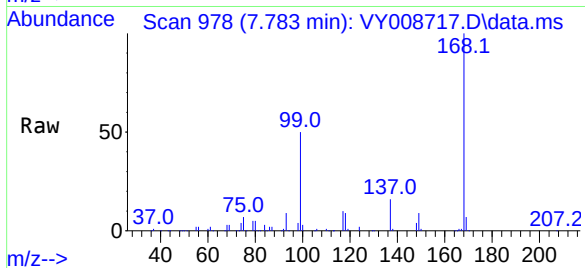
Tgt Ion: 75 Resp: 11623

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.508 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008717.D

Acq: 11 May 2022 19:11

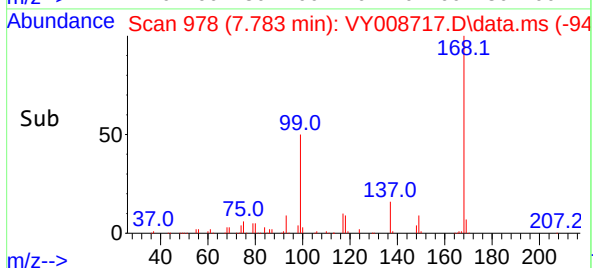
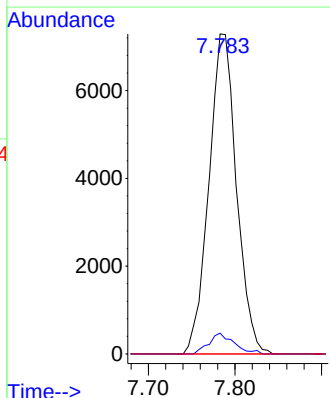
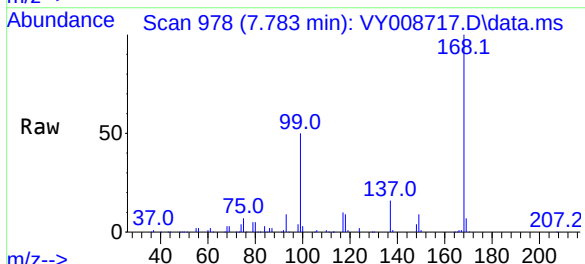
Tgt Ion: 117 Resp: 16153

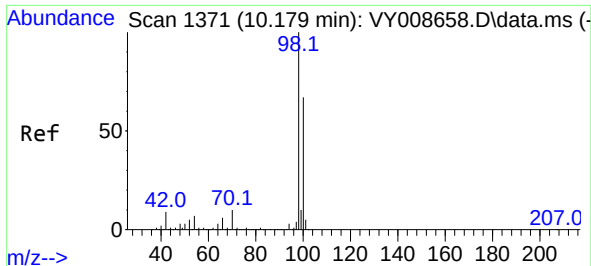
Ion Ratio Lower Upper

117 100

119 6.5 77.9 116.9#

121 0.0 24.8 37.2#

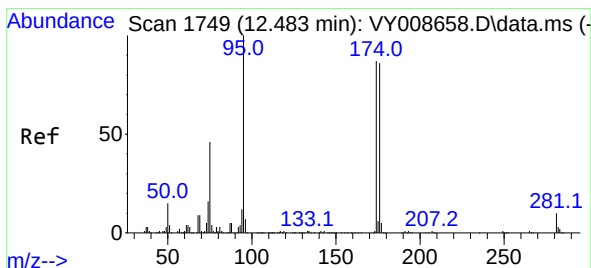
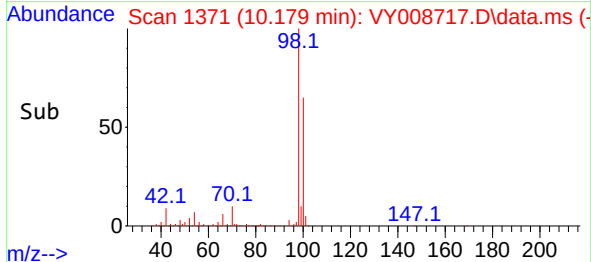
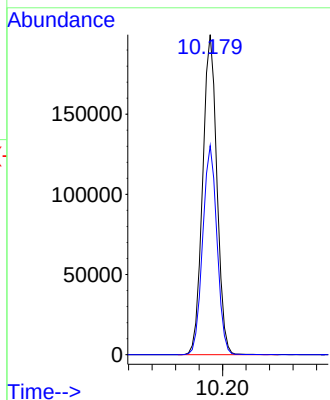
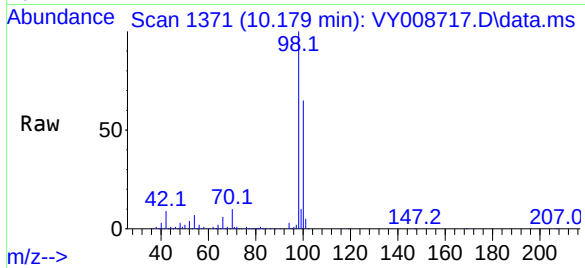




#50
Toluene-d8
Concen: 52.766 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

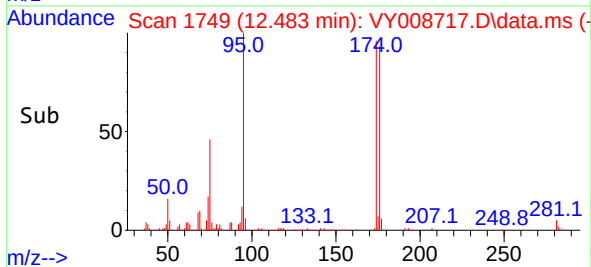
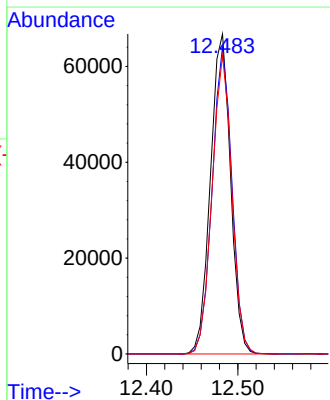
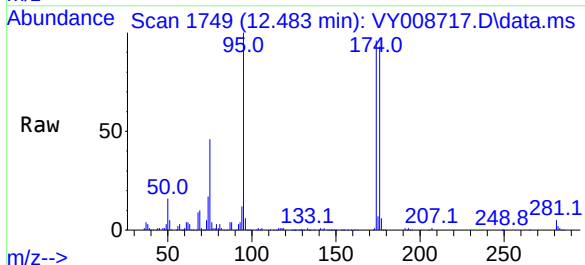
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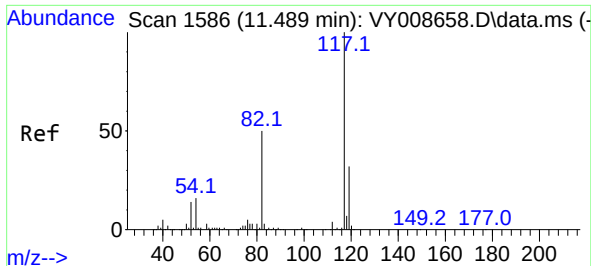
Tgt Ion: 98 Resp: 335548
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.592 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion: 95 Resp: 102020
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 91.7 0.0 175.8

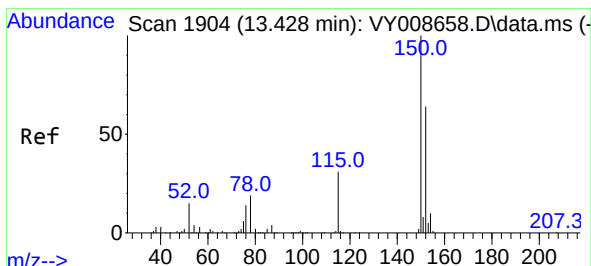
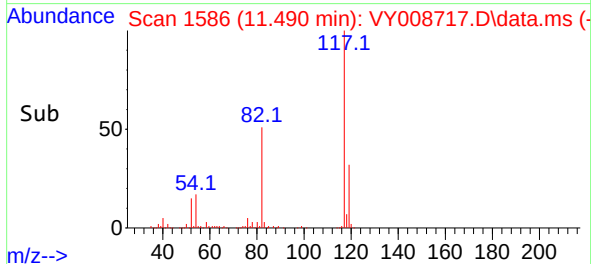
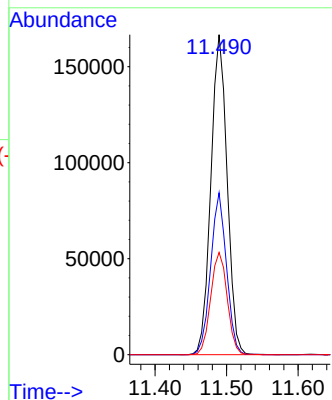
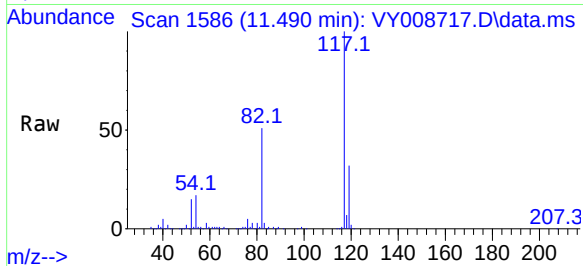




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

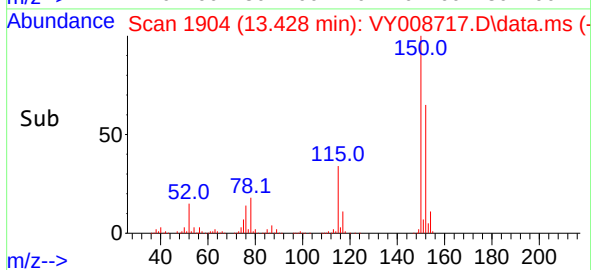
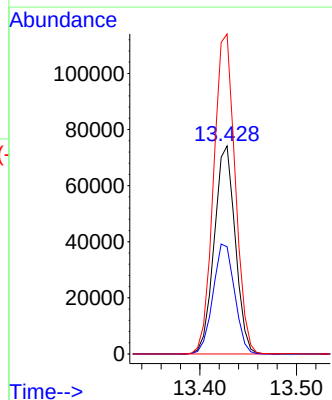
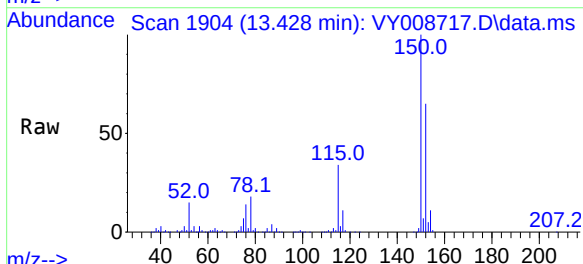
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS005-0006-01

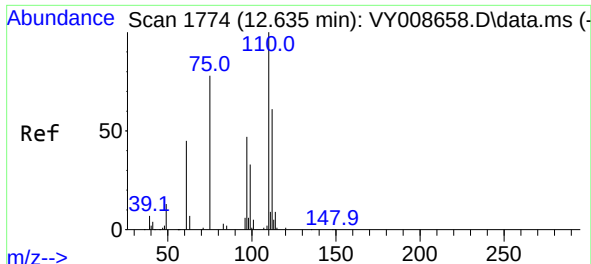
Tgt Ion:117 Resp: 262683
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion:152 Resp: 111777
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.9 0.0 347.6

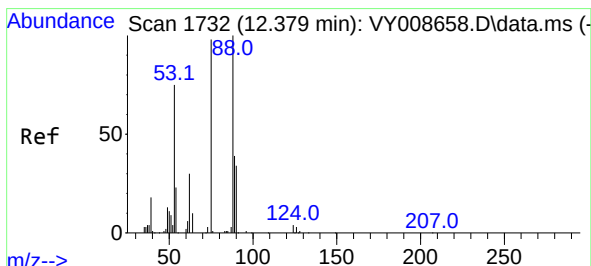
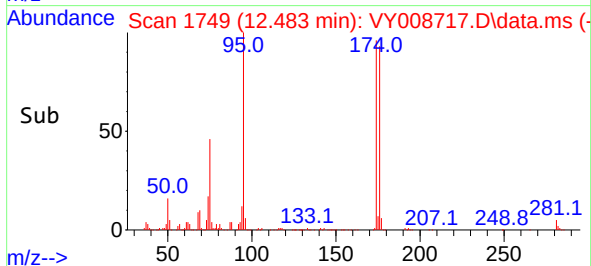
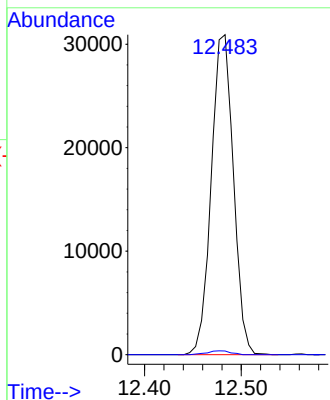
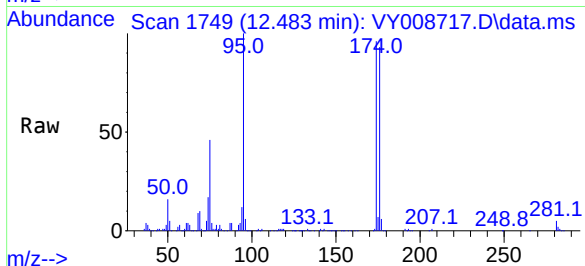




#76
1,2,3-Trichloropropane
Concen: 38.966 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS005-0006-01

Tgt Ion: 75 Resp: 49099
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.526 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008717.D
Acq: 11 May 2022 19:11

Tgt Ion: 75 Resp: 49099
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.1 37.0 55.4#

