

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008215.D
 Acq On : 05 Apr 2022 17:24
 Operator : SY/MD
 Sample : N2257-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 06 03:58:43 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

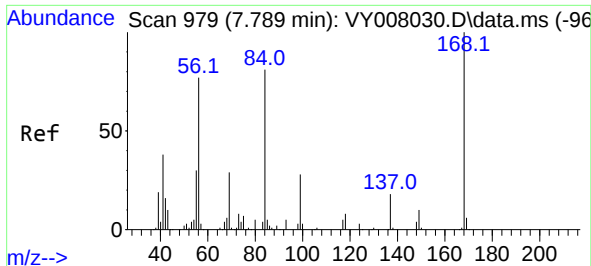
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	110793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	194141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63246	56.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.800%
35) Dibromofluoromethane	7.716	113	63512	49.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.179	98	250472	51.660	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.483	95	82594	48.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.580%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	687	2.704	ug/l #	77
18) Methyl Acetate	4.472	43	23	Below Cal	#	56
31) Cyclohexane	7.783	56	2185	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8635	4.272	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10919	4.956	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	963	1.030	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	41495	39.985	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41495	89.212	ug/l #	7
95) Naphthalene	15.239	128	8473	2.274	ug/l	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
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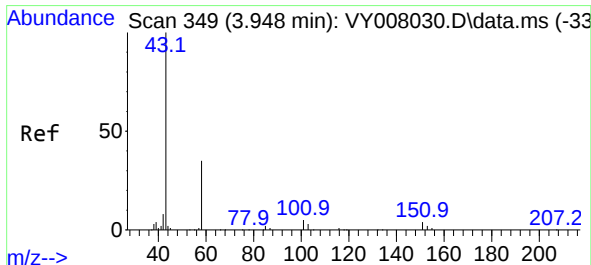
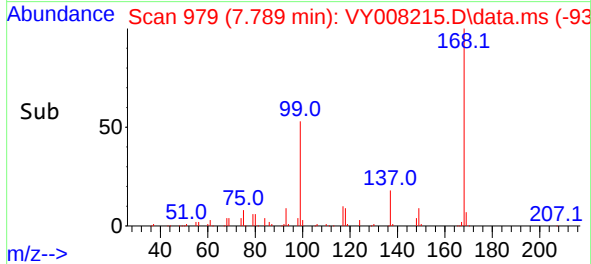
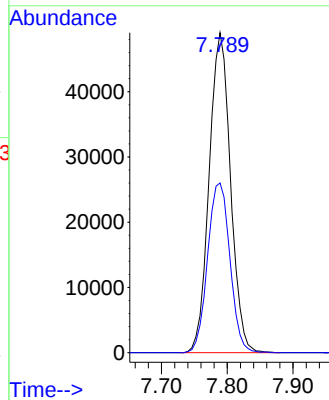
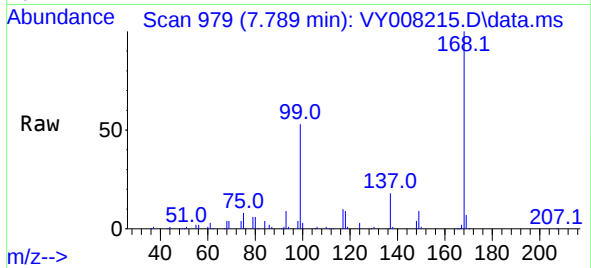




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

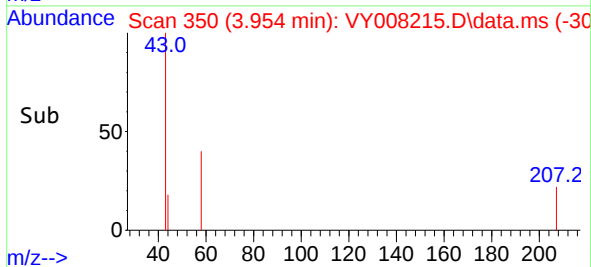
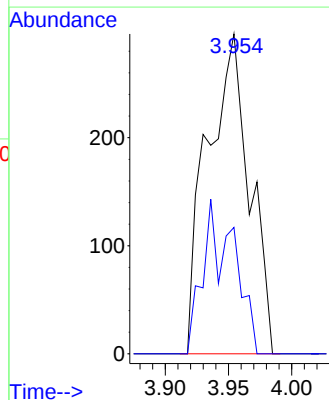
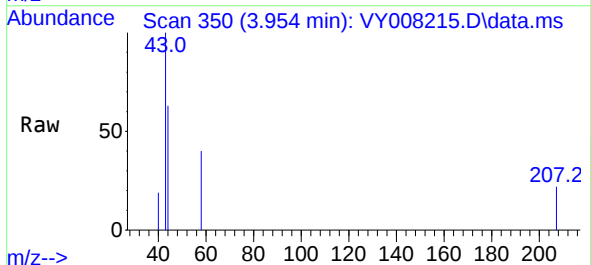
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

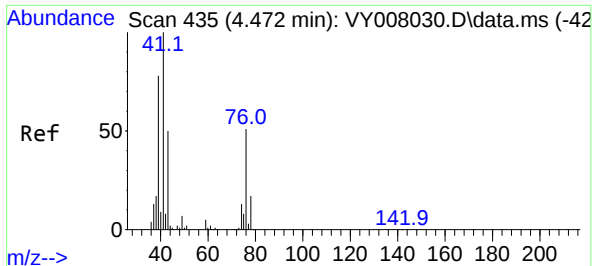
Tgt Ion:168 Resp: 110793
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#16
Acetone
Concen: 2.704 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
58 39.5 22.0 33.0#

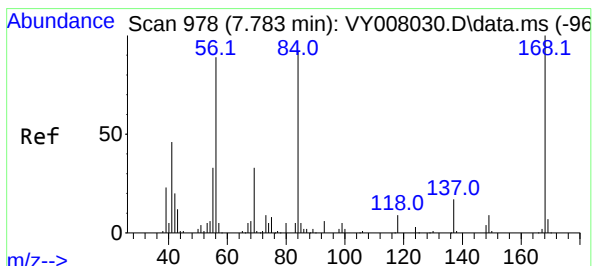
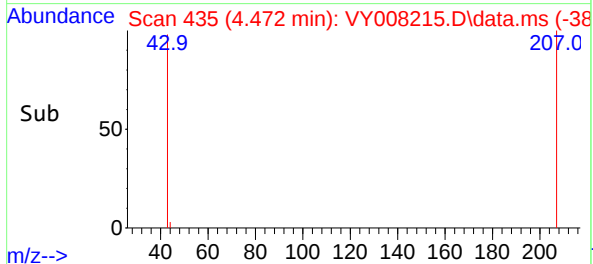
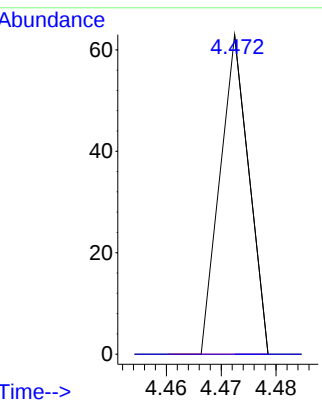
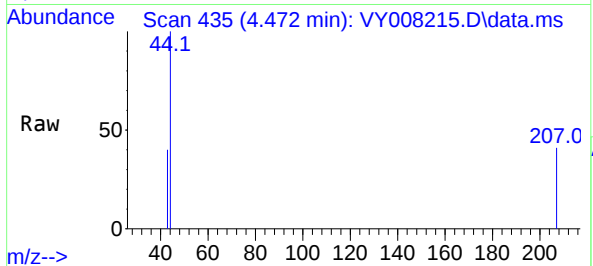




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

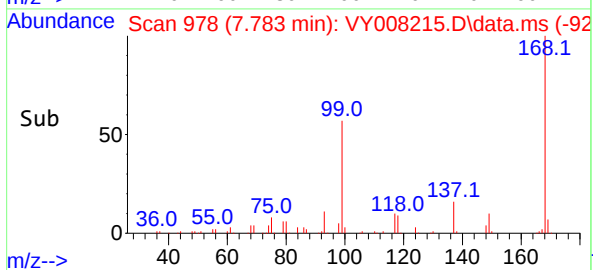
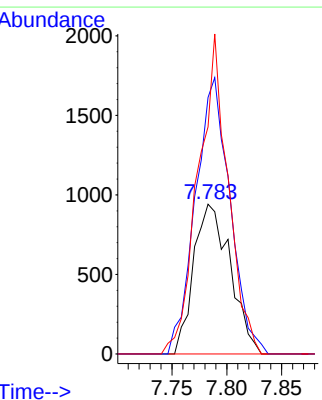
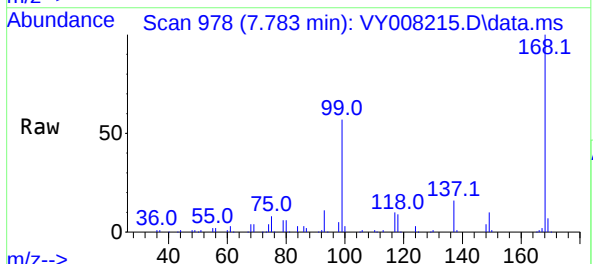
Instrument :
MSVOA_Y
ClientSampleId :
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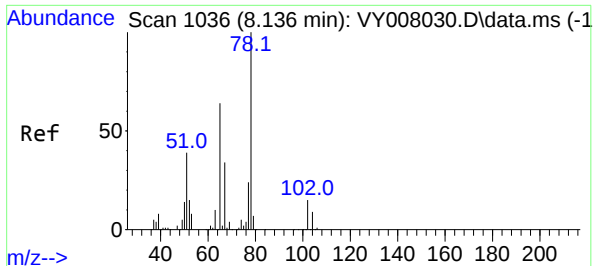
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

Tgt Ion: 56 Resp: 2185
Ion Ratio Lower Upper
56 100
69 171.2 26.7 40.1#
84 151.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.897 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008215.D

Acq: 05 Apr 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

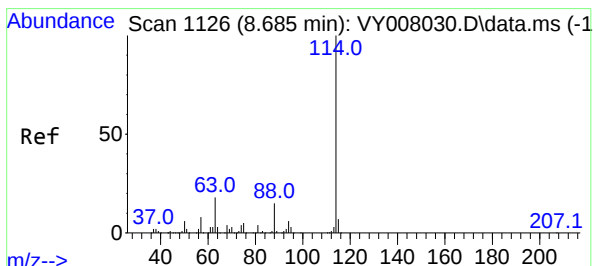
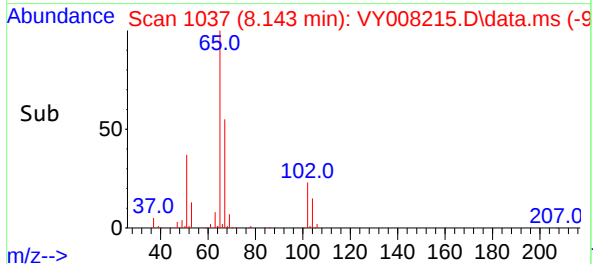
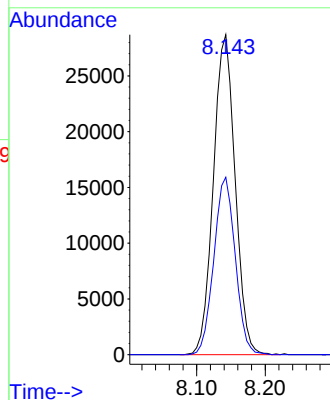
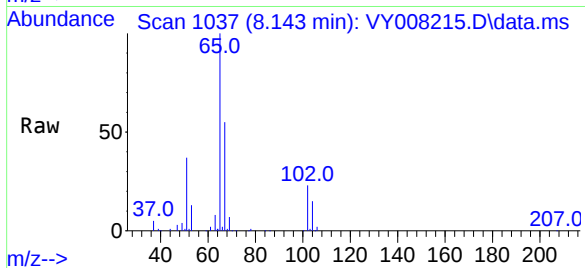
TP-1

Tgt Ion: 65 Resp: 63246

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008215.D

Acq: 05 Apr 2022 17:24

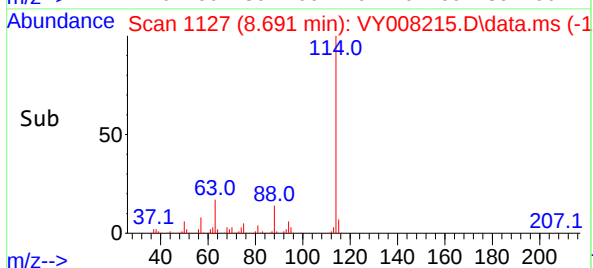
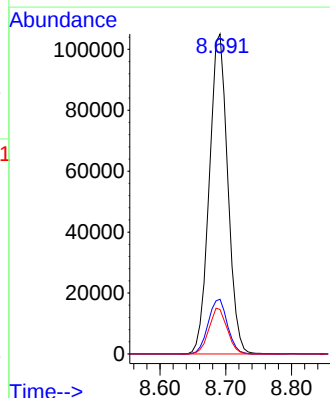
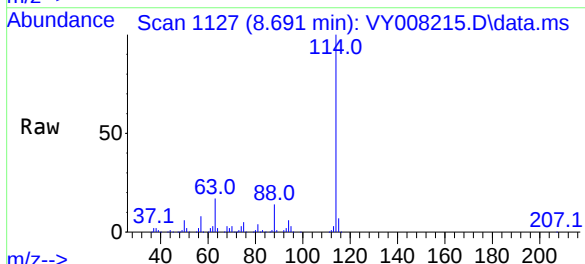
Tgt Ion: 114 Resp: 205258

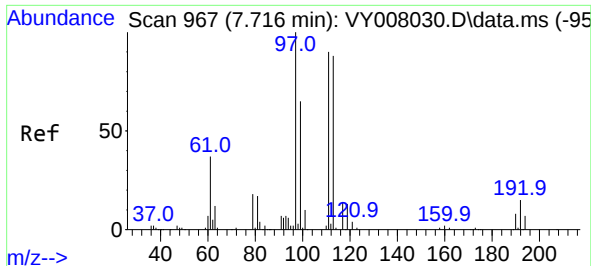
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 13.9 0.0 31.8

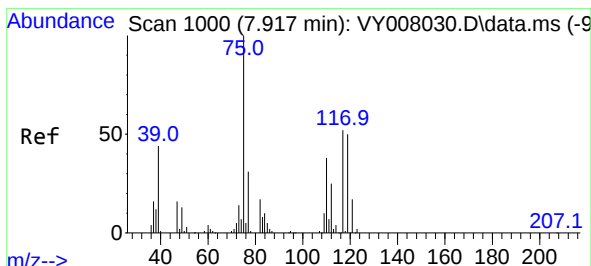
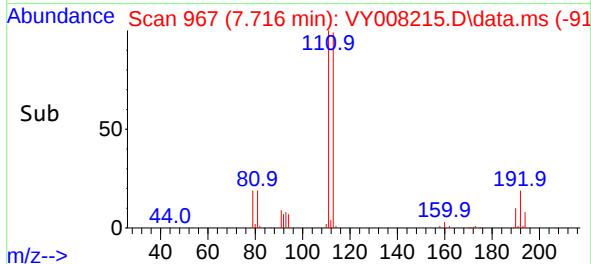
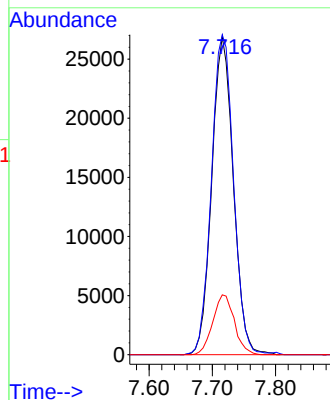
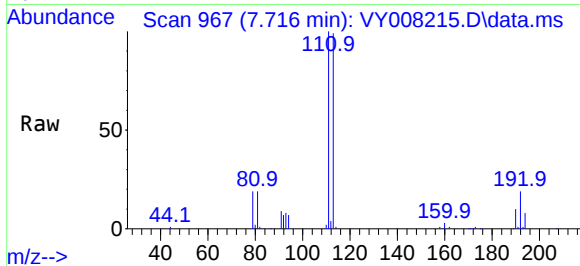




#35
Dibromofluoromethane
Concen: 49.352 ug/l
RT: 7.716 min Scan# 912
Delta R.T. -0.000 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

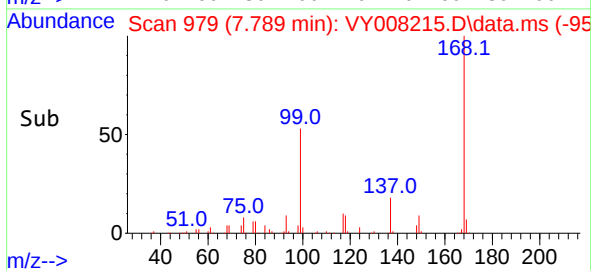
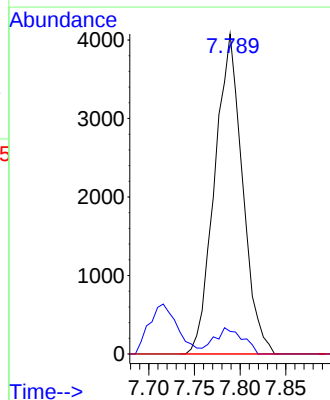
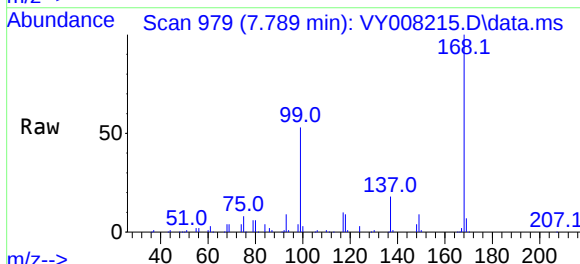
Instrument :
MSVOA_Y
ClientSampleId :
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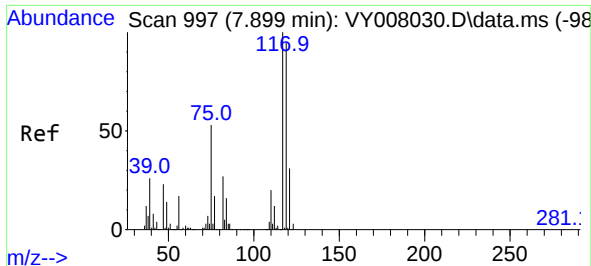
Tgt Ion:113 Resp: 63512
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.272 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

Tgt Ion: 75 Resp: 8635
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

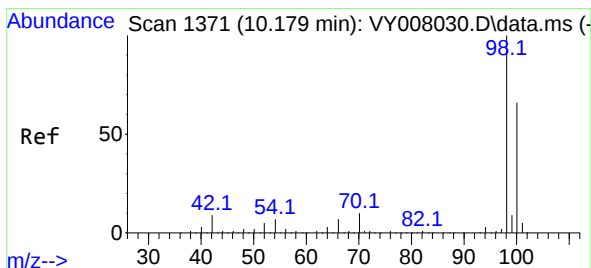
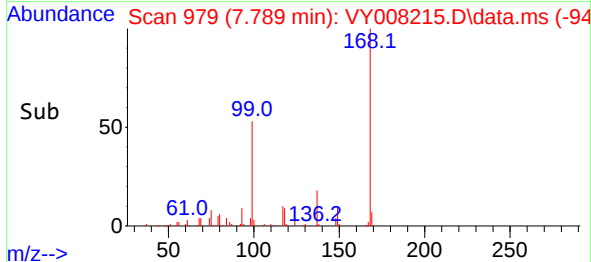
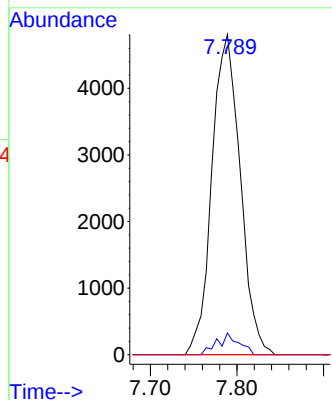
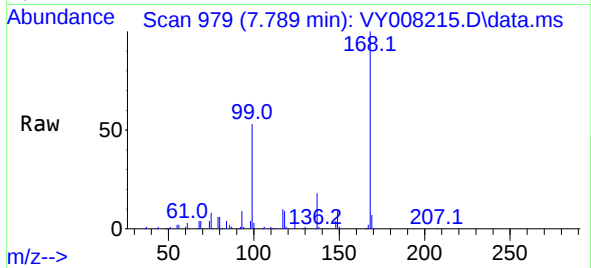




#38
Carbon Tetrachloride
Concen: 4.956 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

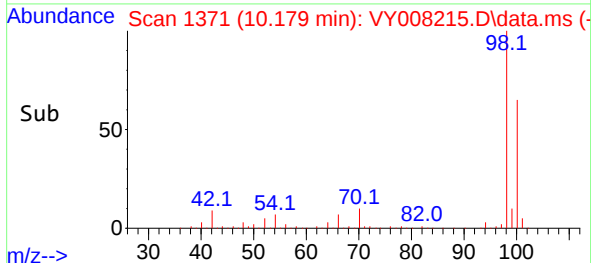
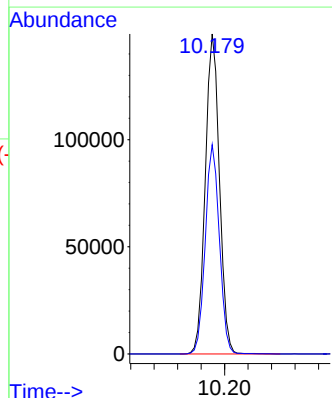
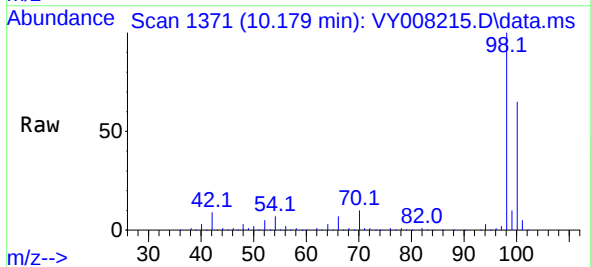
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

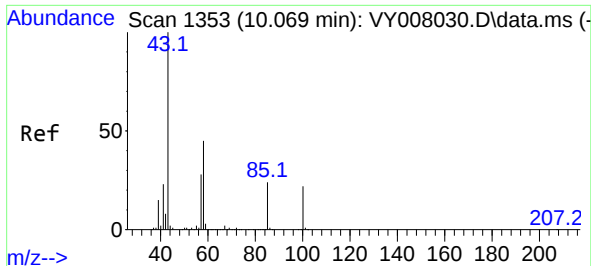
Tgt Ion:117 Resp: 10919
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.660 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

Tgt Ion: 98 Resp: 250472
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 1.030 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.110 min

Lab File: VY008215.D

Acq: 05 Apr 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

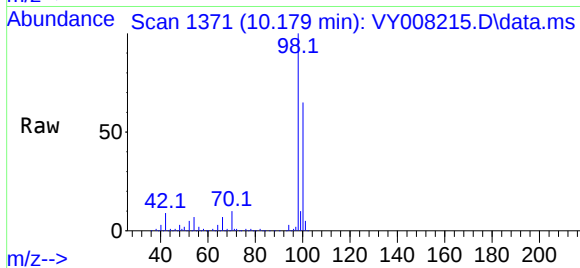
TP-1

Tgt Ion: 43 Resp: 963

Ion Ratio Lower Upper

43 100

58 192.0 28.1 42.1#



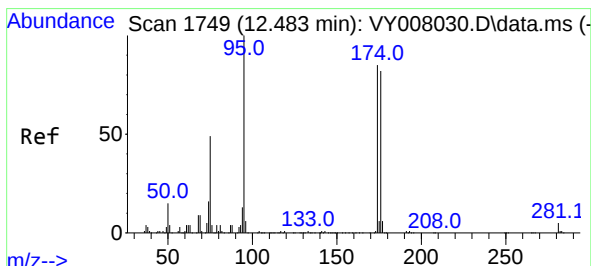
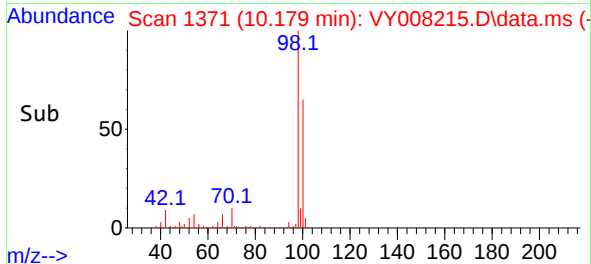
Abundance

1000

500

10.179

Time-->



#62

4-Bromofluorobenzene

Concen: 48.285 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008215.D

Acq: 05 Apr 2022 17:24

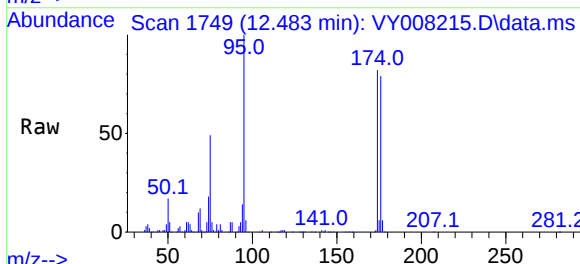
Tgt Ion: 95 Resp: 82594

Ion Ratio Lower Upper

95 100

174 81.9 0.0 177.0

176 79.8 0.0 175.8



Abundance

50000

40000

30000

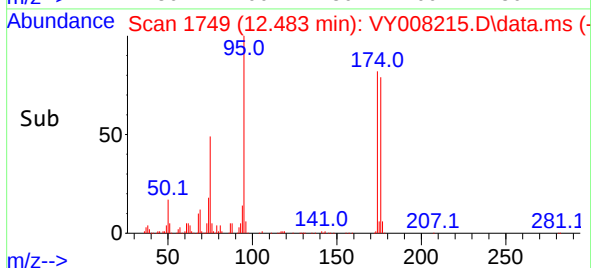
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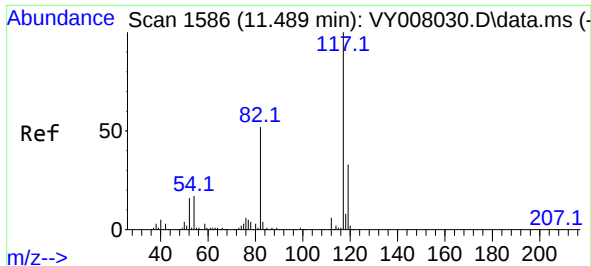
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0

12.483

Time-->

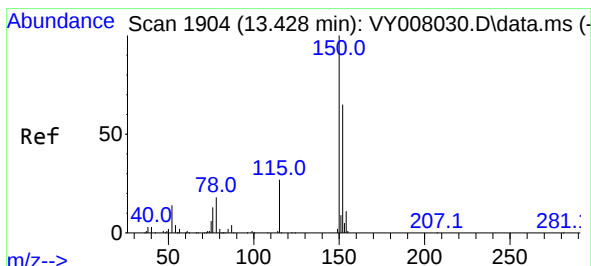
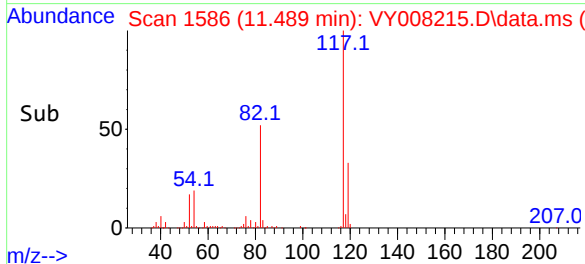
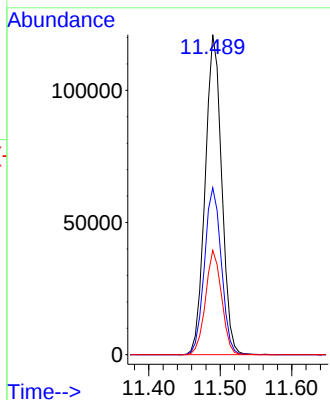
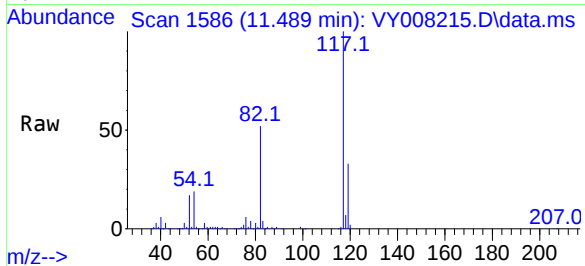




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

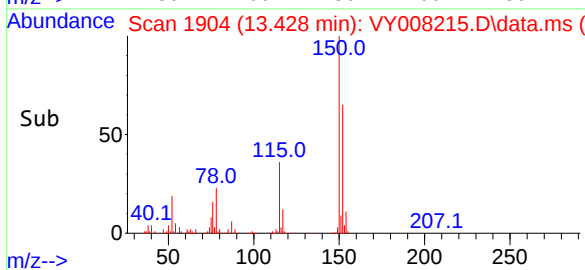
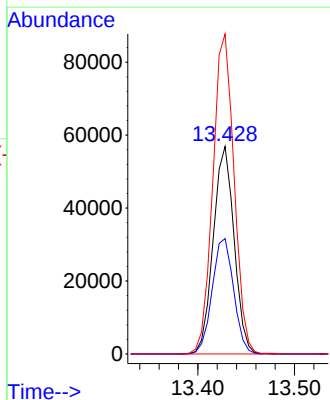
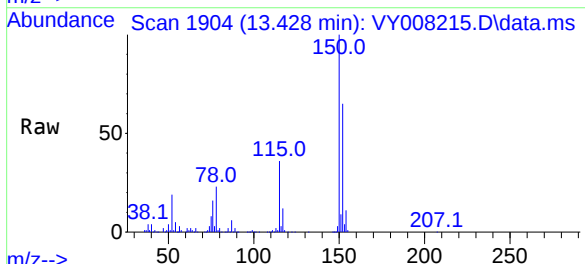
Instrument :
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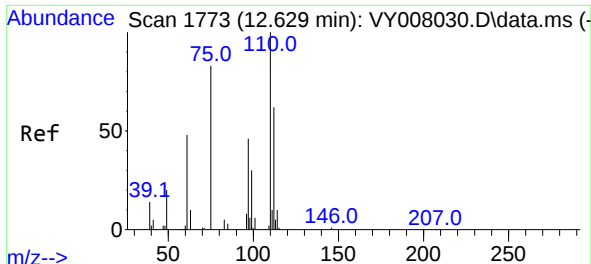
Tgt Ion:117 Resp: 194141
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

Tgt Ion:152 Resp: 85133
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.9 0.0 347.6

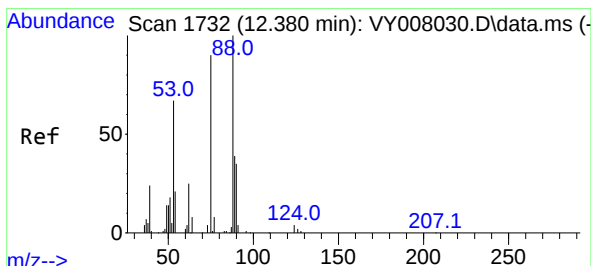
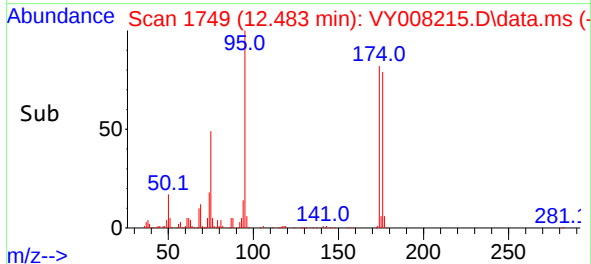
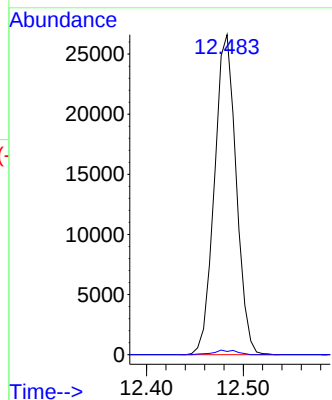
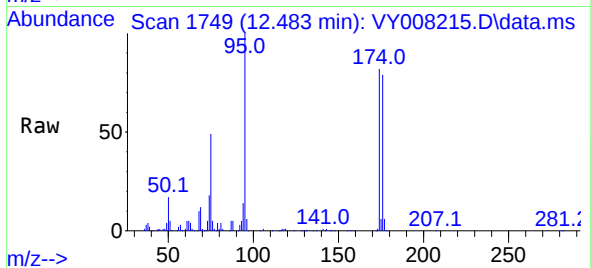




#76
1,2,3-Trichloropropane
Concen: 39.985 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

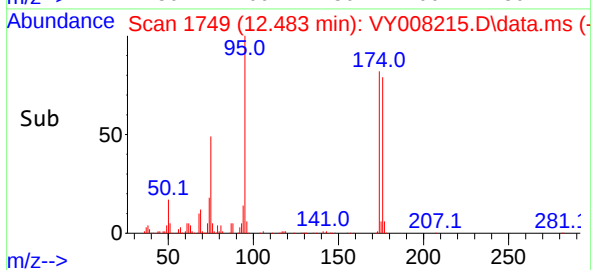
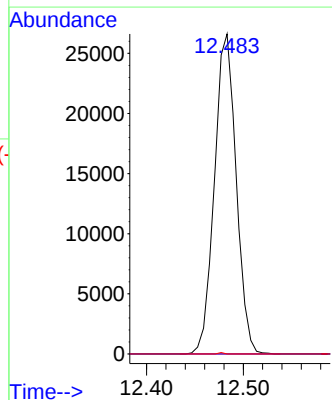
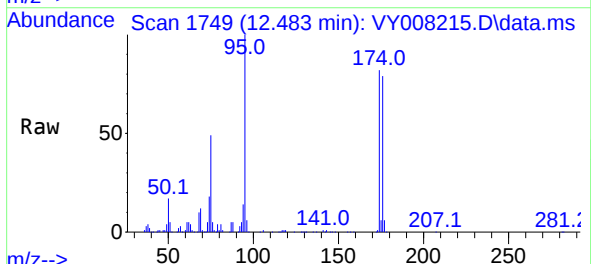
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

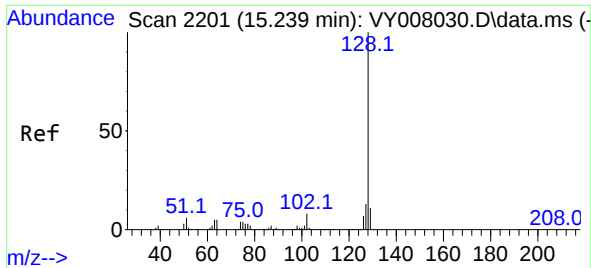
Tgt Ion: 75 Resp: 41495
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.212 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

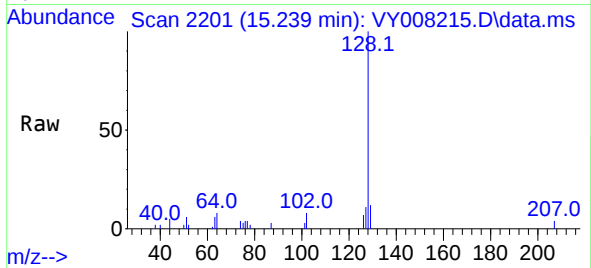
Tgt Ion: 75 Resp: 41495
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 2.274 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008215.D
Acq: 05 Apr 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-1



Tgt Ion:128 Resp: 8473

Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.3	8.4	12.6

