

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009805.D
 Acq On : 01 Aug 2022 18:35
 Operator : KP/MD
 Sample : N3982-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-072922

Quant Time: Aug 02 01:42:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

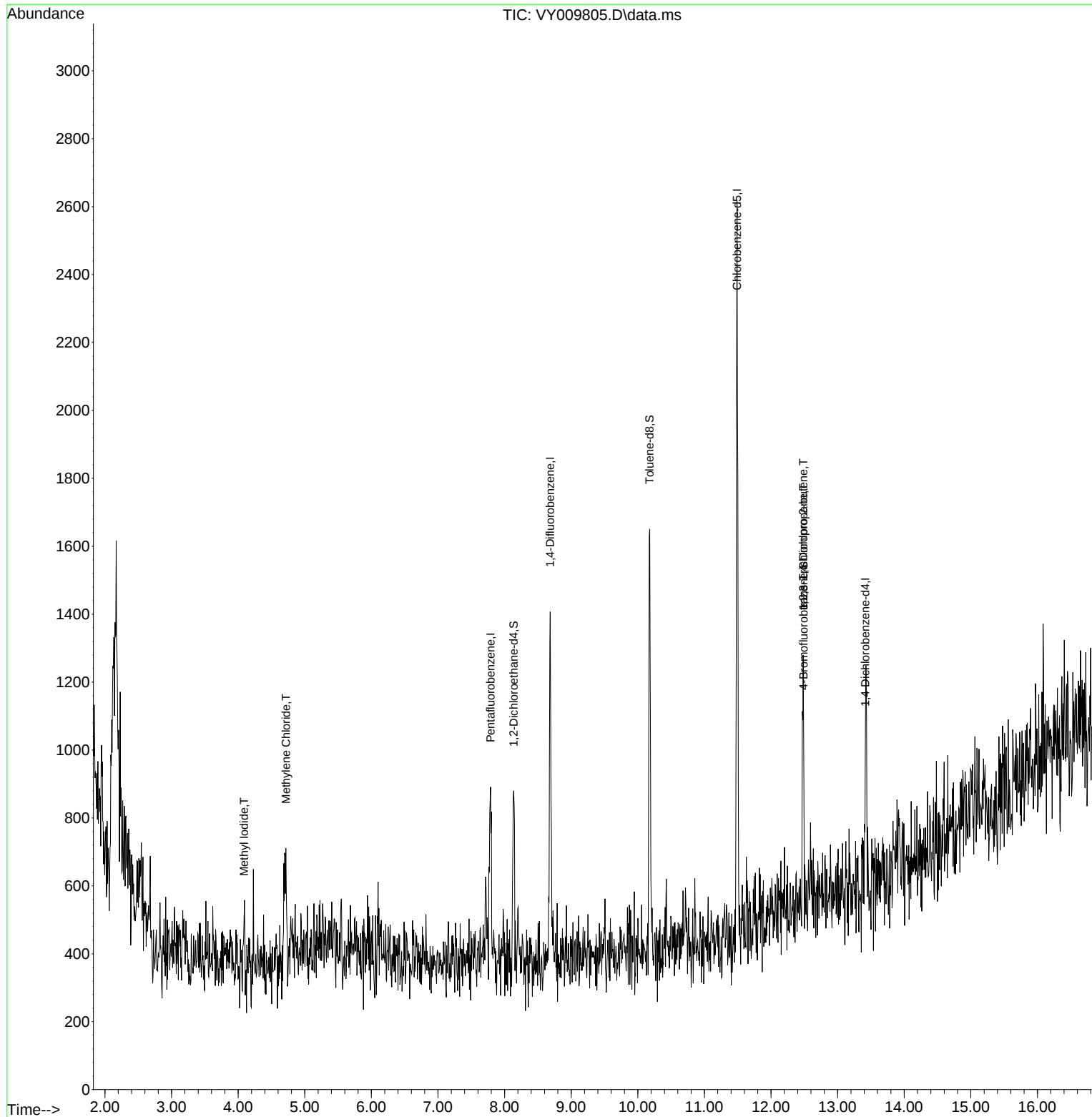
Internal Standards						
1) Pentafluorobenzene	7.789	168	701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1313	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	474	107.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	215.060%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.179	98	1152	56.638	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	113.280%
62) 4-Bromofluorobenzene	12.489	95	279	29.828	ug/l	0.01
Spiked Amount	50.000	Range	50 - 146	Recovery	=	59.660%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.088	142	41	4.961	ug/l #	35
20) Methylene Chloride	4.716	84	313	36.235	ug/l #	42
76) 1,2,3-Trichloropropane	12.483	75	133	54.444	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	133	108.522	ug/l #	7

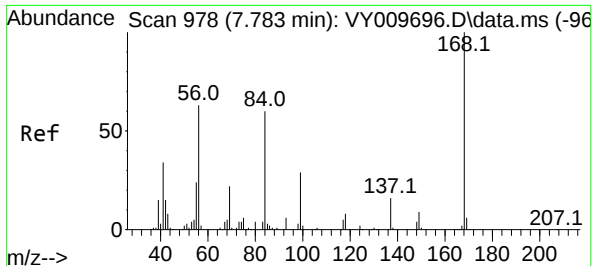
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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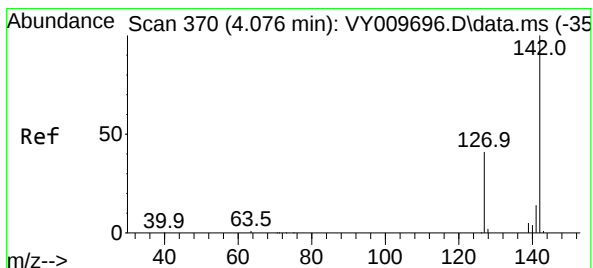
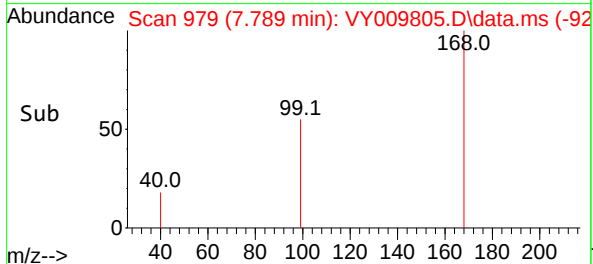
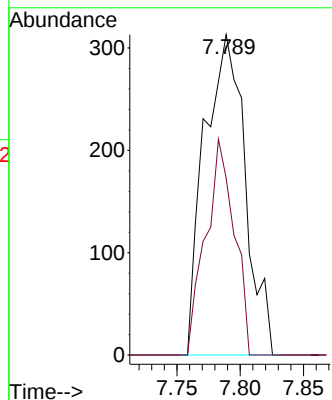
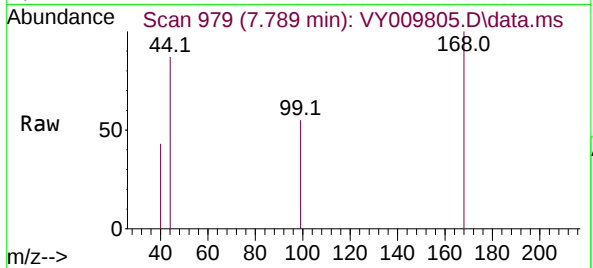




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

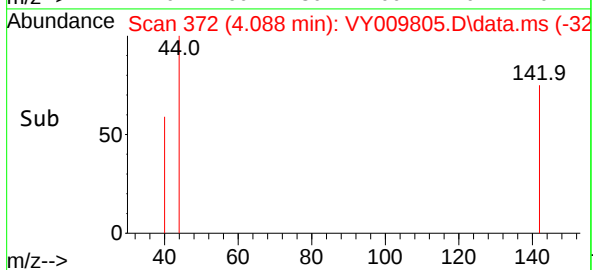
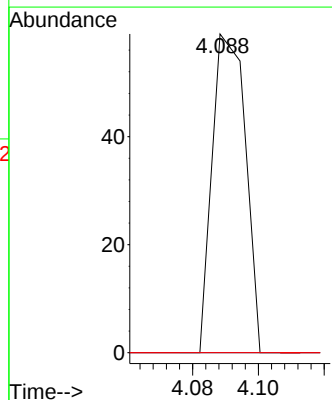
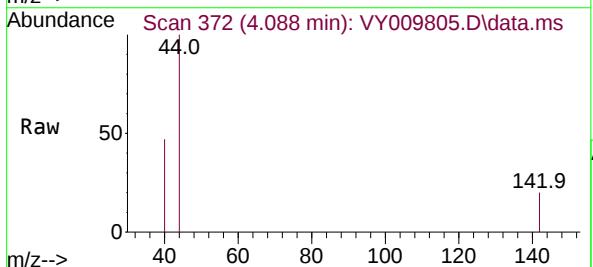
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-072922

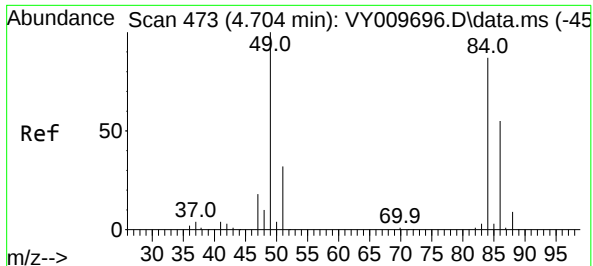
Tgt Ion:168 Resp: 701
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#10
Methyl Iodide
Concen: 4.961 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

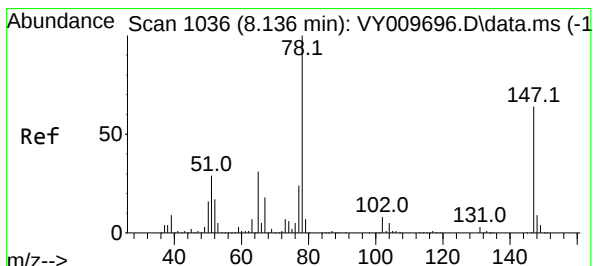
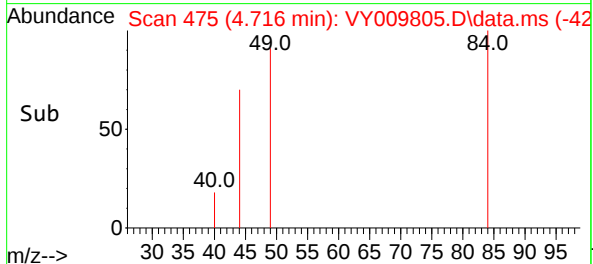
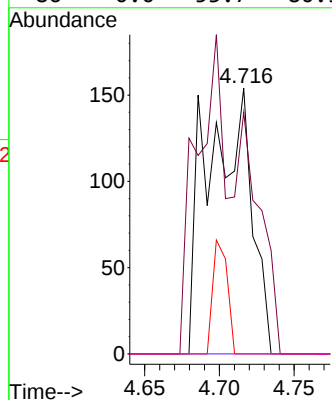
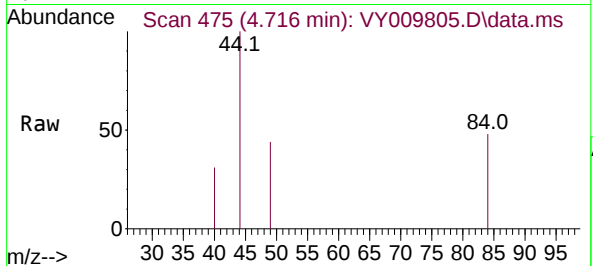




#20
Methylene Chloride
Concen: 36.235 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

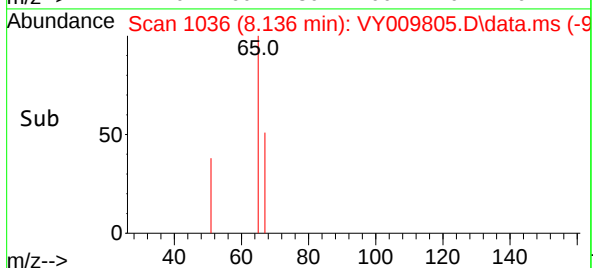
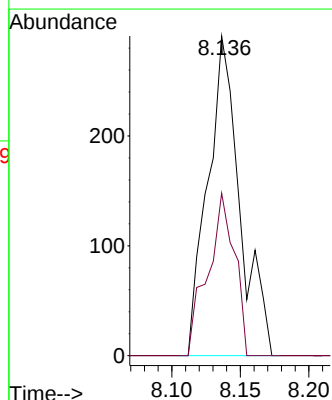
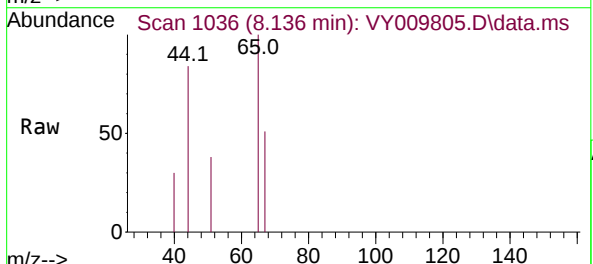
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-072922

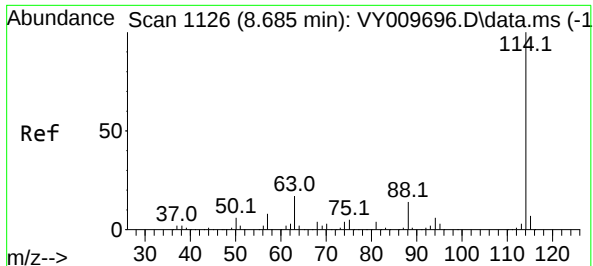
Tgt Ion: 84	Resp: 313
Ion Ratio	Lower Upper
84 100	
49 90.9	114.4 171.6#
51 0.0	35.3 52.9#
86 0.0	53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 107.526 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

Tgt Ion: 65	Resp: 474
Ion Ratio	Lower Upper
65 100	
67 42.4	0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009805.D

Acq: 01 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-072922

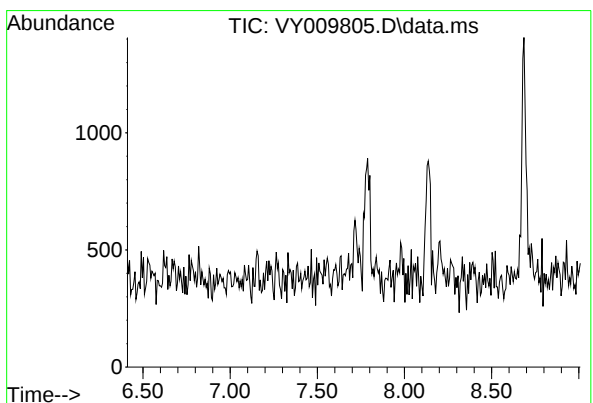
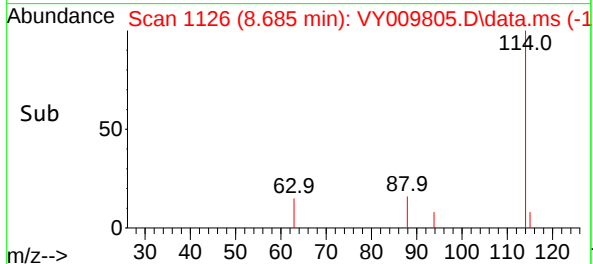
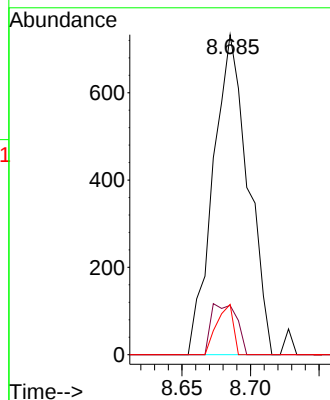
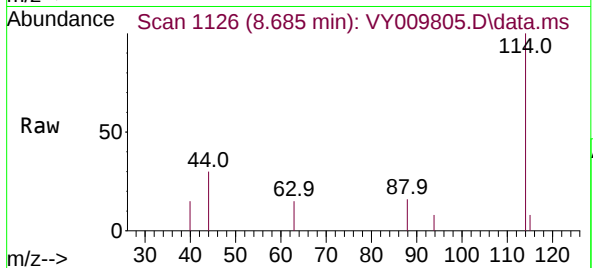
Tgt Ion:114 Resp: 1297

Ion Ratio Lower Upper

114 100

63 15.4 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.71 min

Lab File: VY009805.D

Acq: 01 Aug 2022 18:35

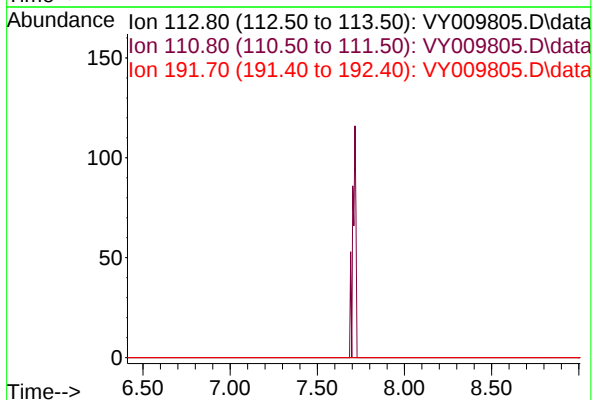
Tgt Ion: 113

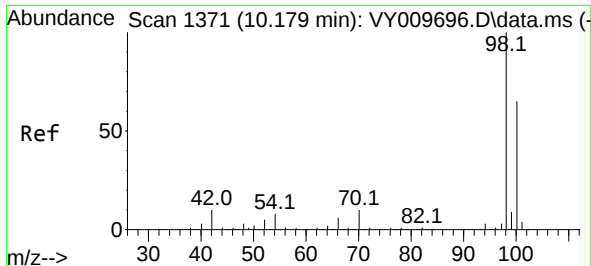
Sig Exp Ratio

113 100

111 103.3

192 22.0

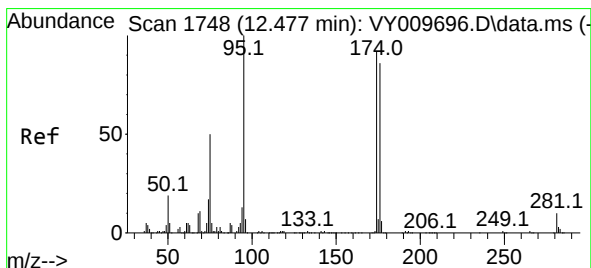
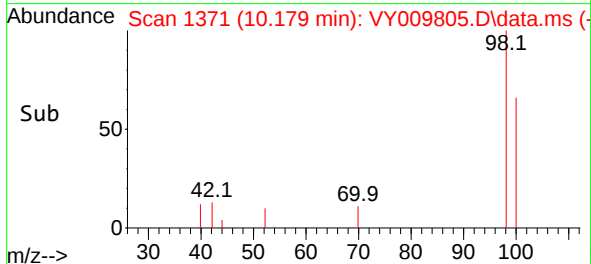
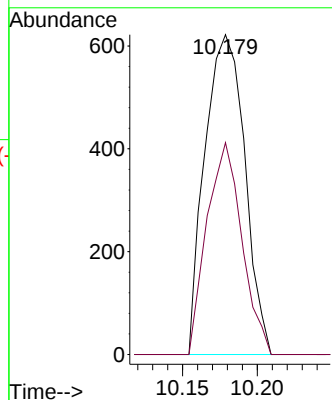
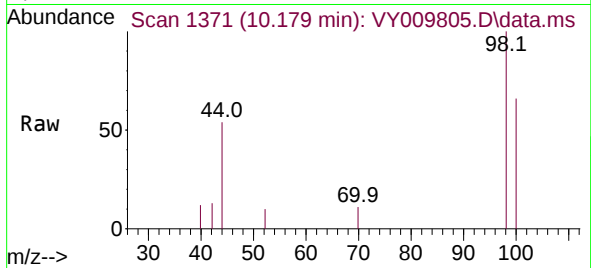




#50
Toluene-d8
Concen: 56.638 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

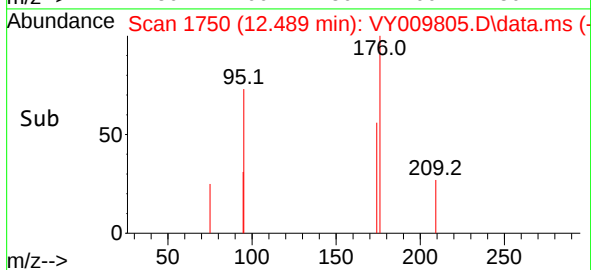
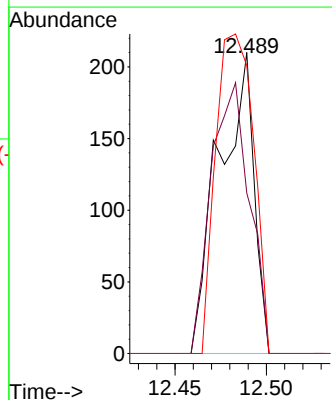
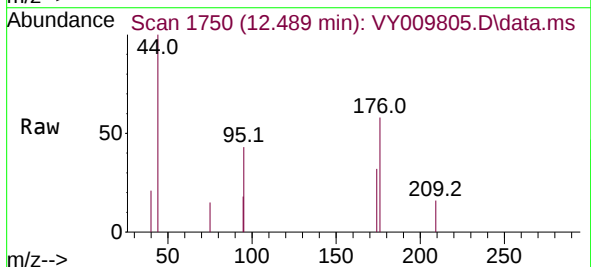
Instrument :
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ClientSampleId :
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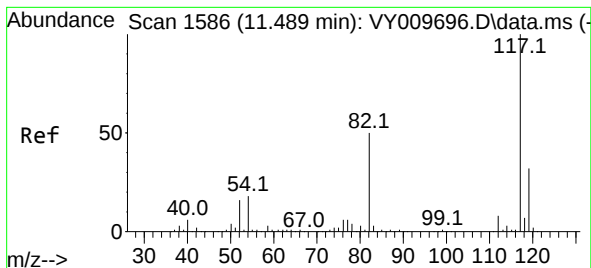
Tgt Ion: 98 Resp: 1152
Ion Ratio Lower Upper
98 100
100 58.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.828 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

Tgt Ion: 95 Resp: 279
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 115.8 0.0 175.8

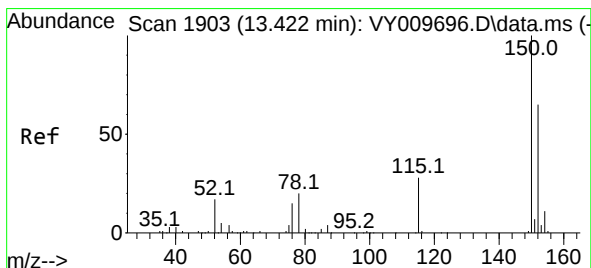
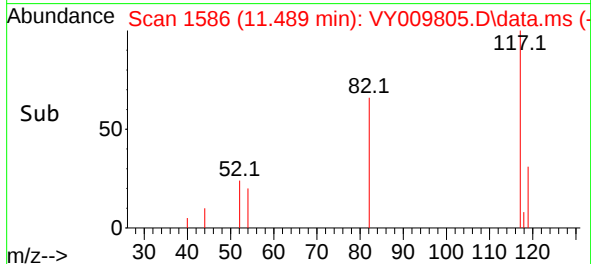
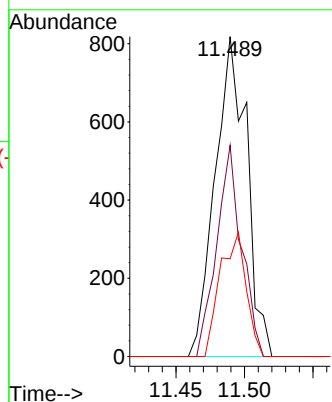
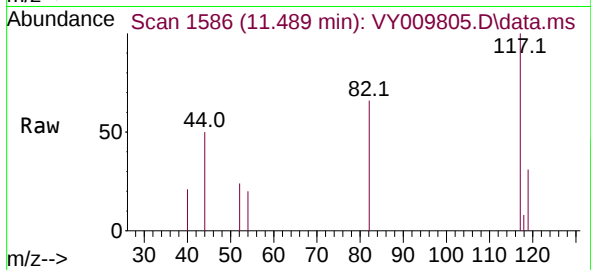




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

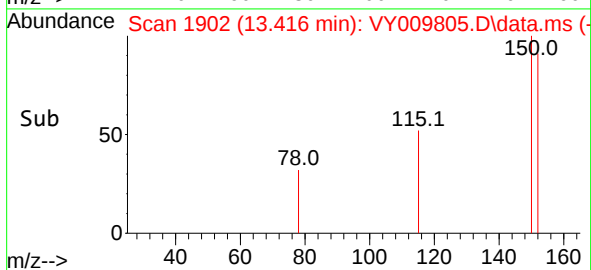
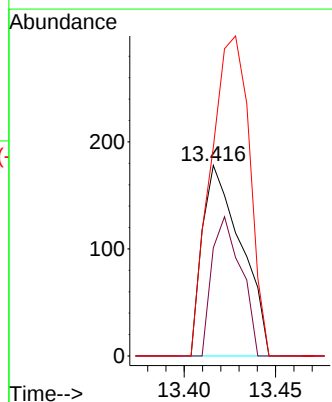
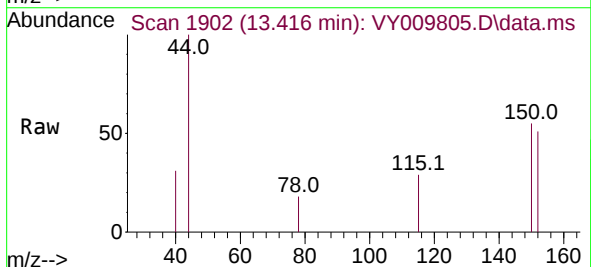
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-072922

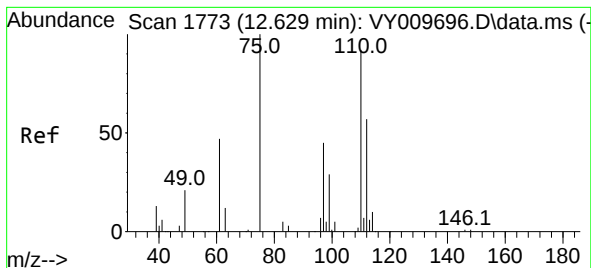
Tgt Ion:117 Resp: 1313
Ion Ratio Lower Upper
117 100
82 66.0 43.0 64.4#
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

Tgt Ion:152 Resp: 263
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 167.7 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 54.444 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY009805.D

Acq: 01 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

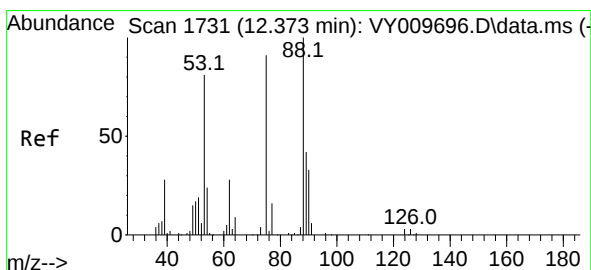
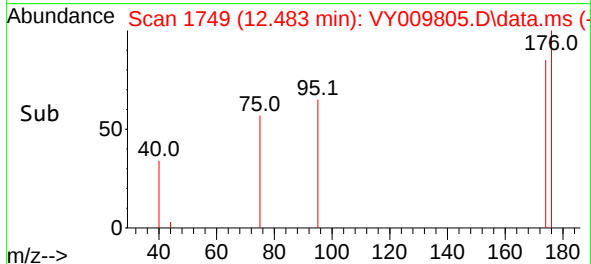
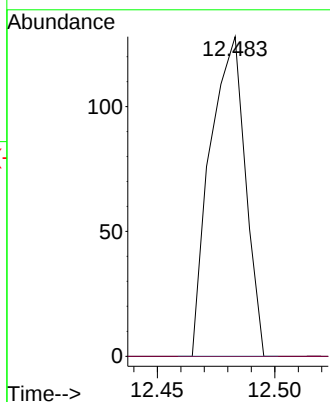
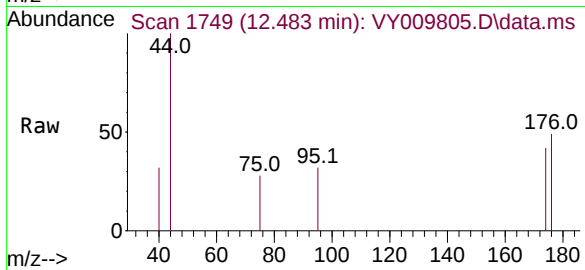
OR-3-072922

Tgt Ion: 75 Resp: 133

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 108.522 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.110 min

Lab File: VY009805.D

Acq: 01 Aug 2022 18:35

Tgt Ion: 75 Resp: 133

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.0 37.0 55.4#

