

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010089.D
 Acq On : 18 Aug 2022 17:35
 Operator : KP/MD
 Sample : N4188-07RE
 Misc : 11.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S8RE

Quant Time: Aug 18 19:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

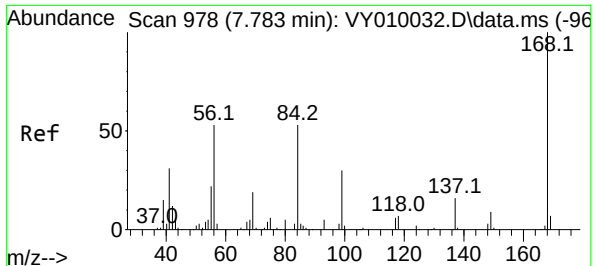
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	34262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	36145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	65403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	11099	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	23446	68.441	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.880%			
35) Dibromofluoromethane	7.710	113	22806	97.295	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 194.600%#			
50) Toluene-d8	10.173	98	30616	35.304	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 70.600%			
62) 4-Bromofluorobenzene	12.477	95	23602	77.486	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 154.980%#			
Target Compounds						
16) Acetone	3.936	43	248	3.380	ug/l	# 48
20) Methylene Chloride	4.704	84	3089	6.144	ug/l	95
31) Cyclohexane	7.783	56	648	1.339	ug/l	# 29
36) 1,1-Dichloropropene	7.777	75	2201	6.740	ug/l	# 47
38) Carbon Tetrachloride	7.777	117	3592	8.945	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	11484	109.156	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	11484	246.681	ug/l	# 12

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

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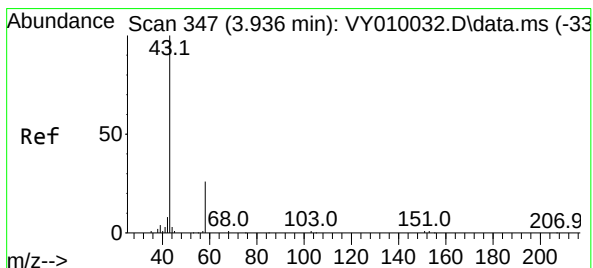
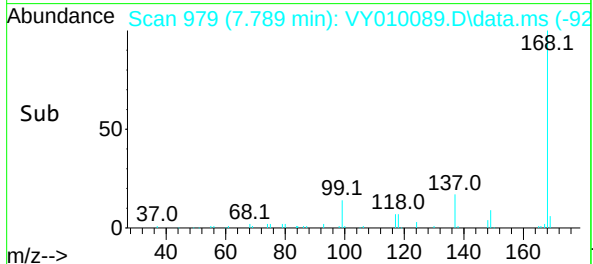
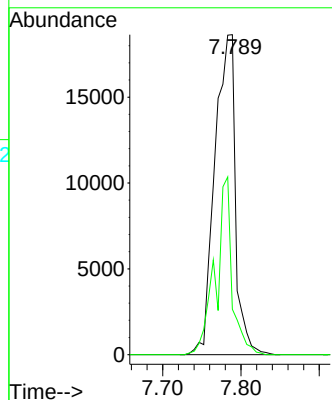
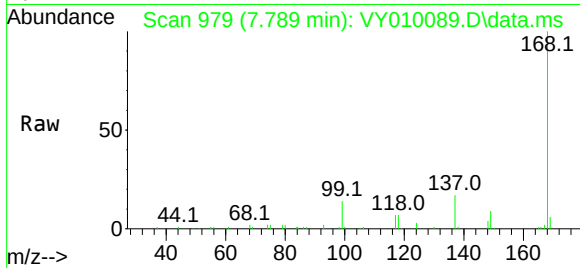




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

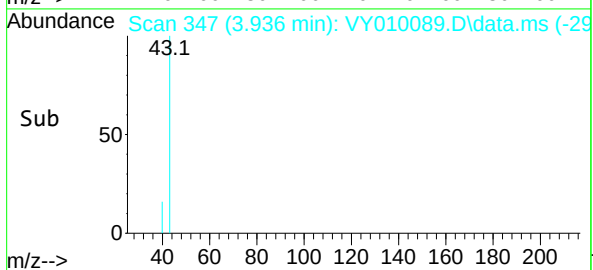
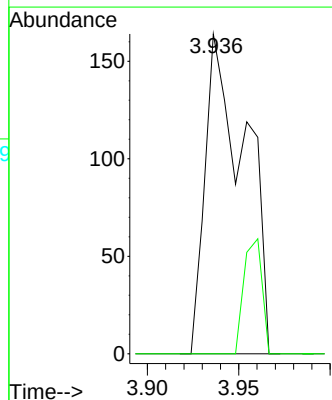
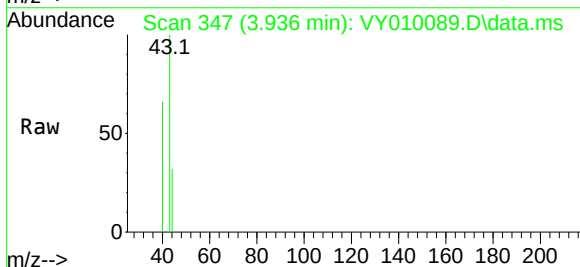
Instrument :
MSVOA_Y
ClientSampleId :
S8RE

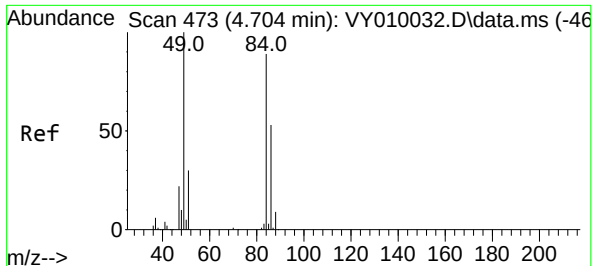
Tgt Ion:168 Resp: 34262
Ion Ratio Lower Upper
168 100
99 14.2 37.7 56.5#



#16
Acetone
Concen: 3.380 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

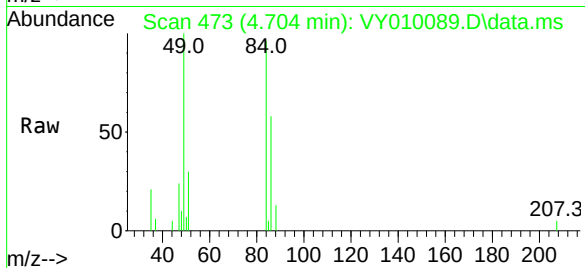
Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.0#



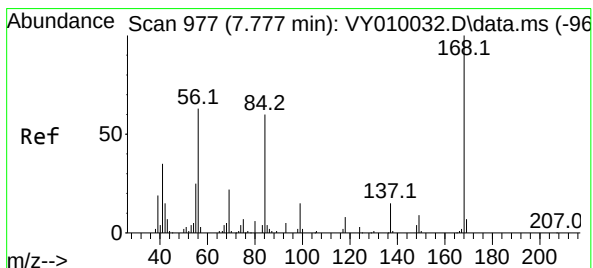
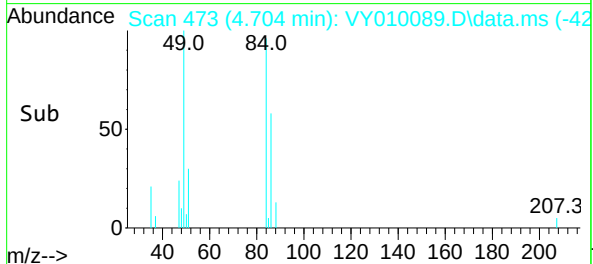
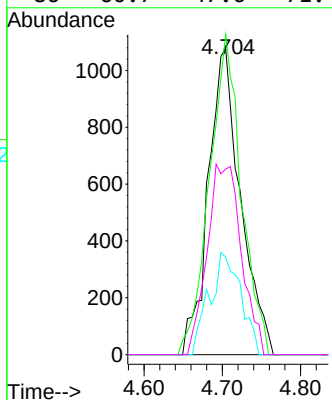


#20
Methylene Chloride
Concen: 6.144 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

Instrument :
MSVOA_Y
ClientSampleId :
S8RE

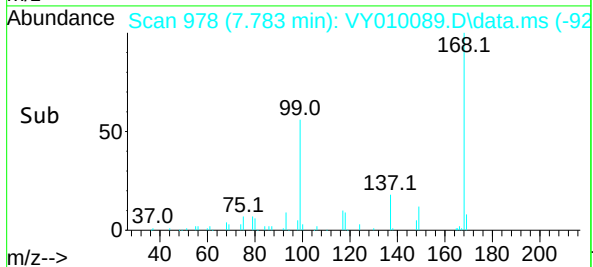
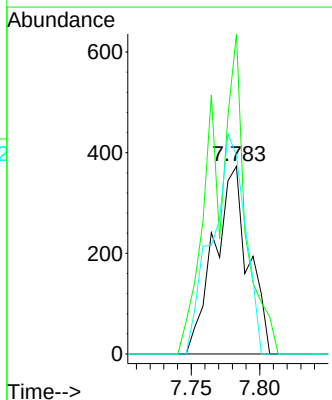
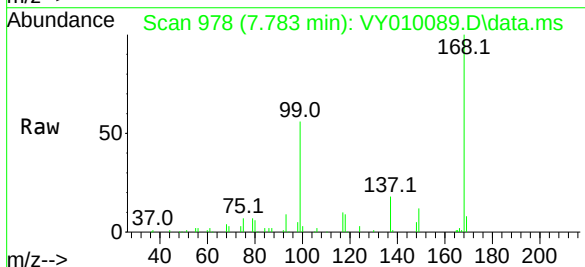


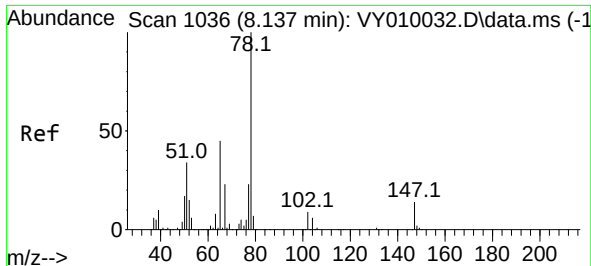
Tgt Ion:	84	Resp:	3089
Ion	Ratio	Lower	Upper
84	100		
49	104.6	89.5	134.3
51	31.9	26.8	40.2
86	60.7	47.6	71.4



#31
Cyclohexane
Concen: 1.339 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

Tgt Ion:	56	Resp:	648
Ion	Ratio	Lower	Upper
56	100		
69	170.5	28.6	43.0#
84	105.9	76.0	114.0





#33

1,2-Dichloroethane-d4

Concen: 68.441 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY010089.D

Acq: 18 Aug 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

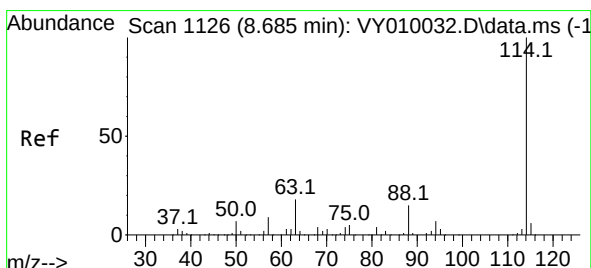
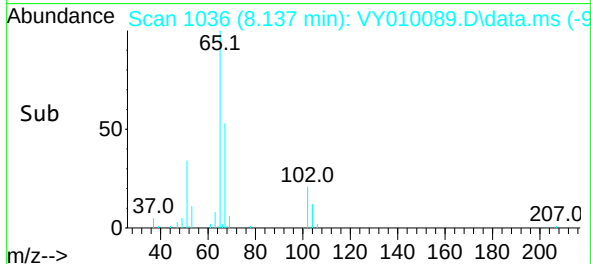
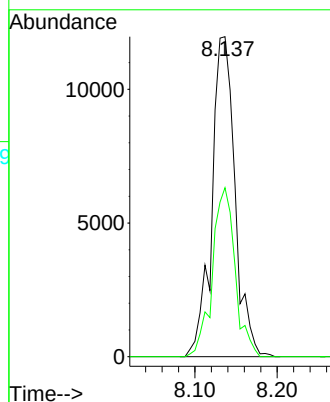
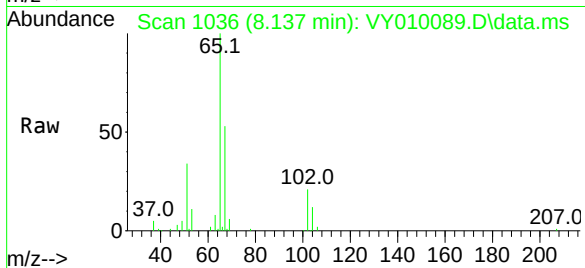
S8RE

Tgt Ion: 65 Resp: 23446

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY010089.D

Acq: 18 Aug 2022 17:35

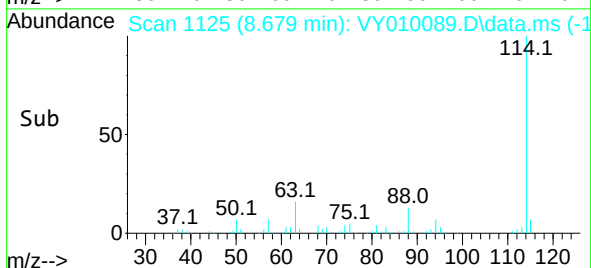
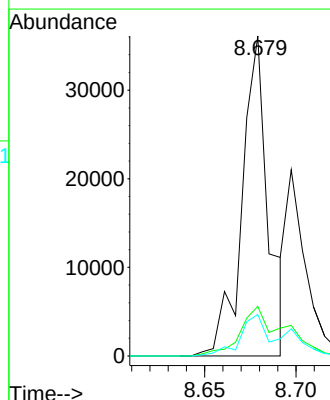
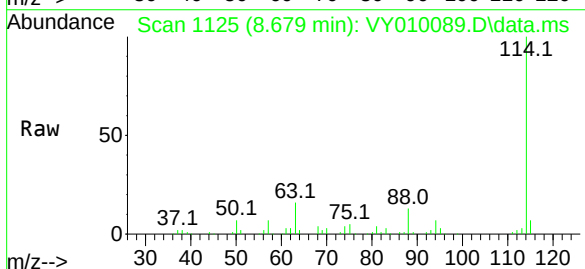
Tgt Ion: 114 Resp: 36145

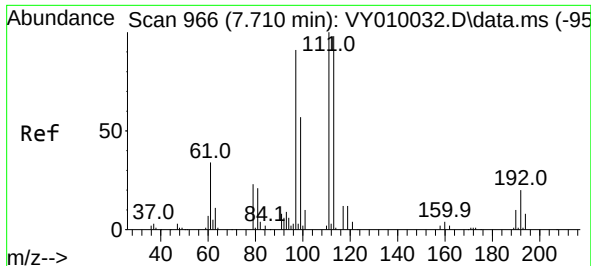
Ion Ratio Lower Upper

114 100

63 15.5 0.0 35.2

88 12.9 0.0 30.2

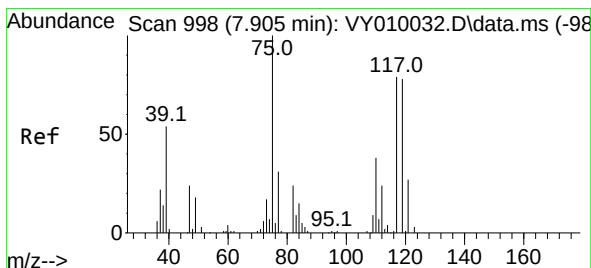
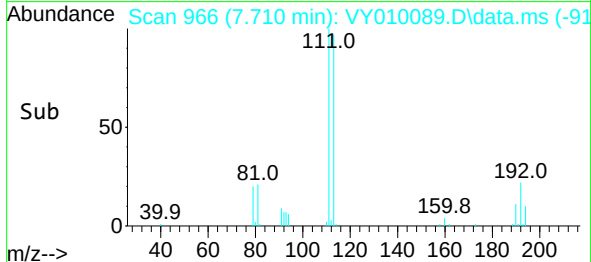
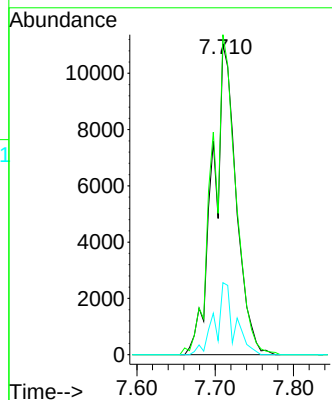
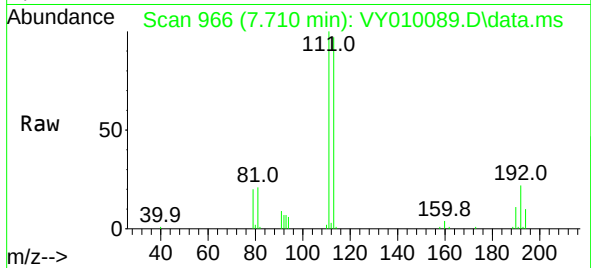




#35
Dibromofluoromethane
Concen: 97.295 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

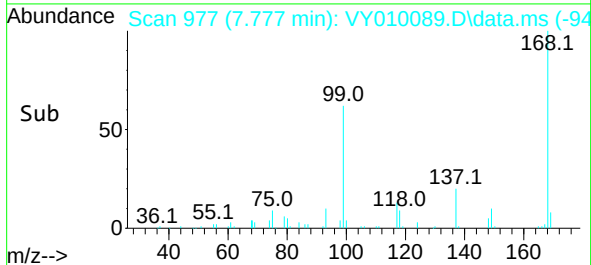
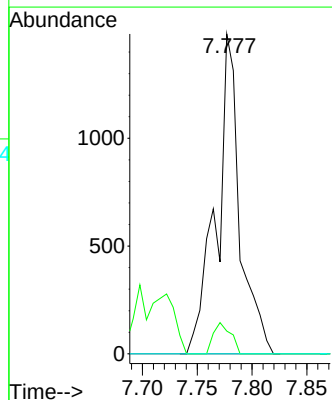
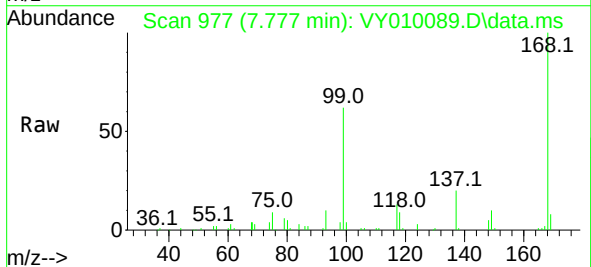
Instrument :
MSVOA_Y
ClientSampleId :
S8RE

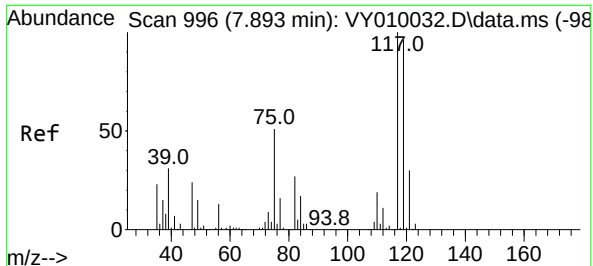
Tgt Ion:113 Resp: 22806
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 18.8 17.2 25.8



#36
1,1-Dichloropropene
Concen: 6.740 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

Tgt Ion: 75 Resp: 2201
Ion Ratio Lower Upper
75 100
110 7.2 18.4 55.4#
77 0.0 24.6 36.8#

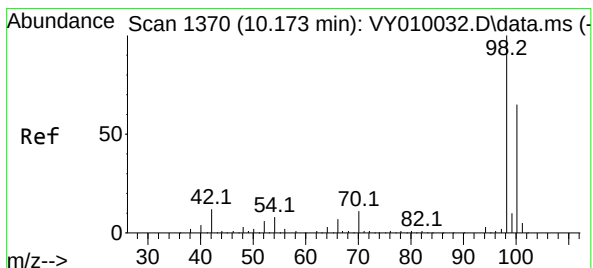
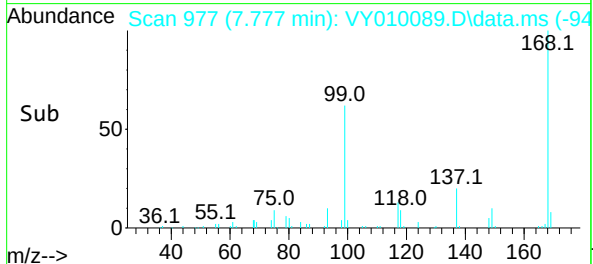
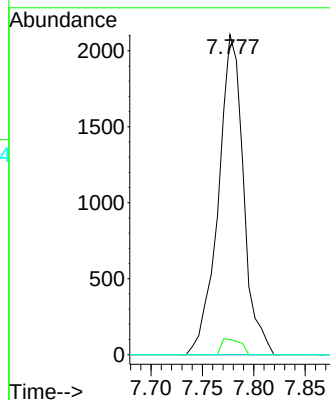
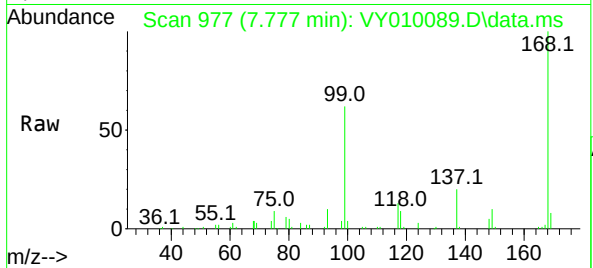




#38
Carbon Tetrachloride
Concen: 8.945 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

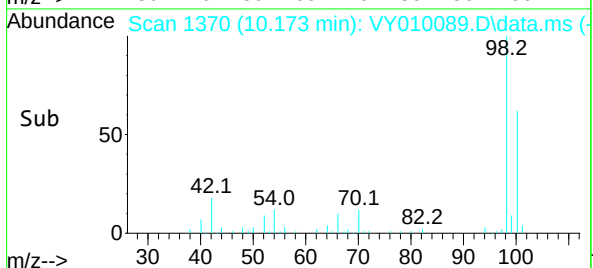
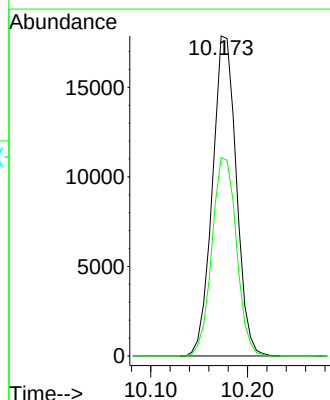
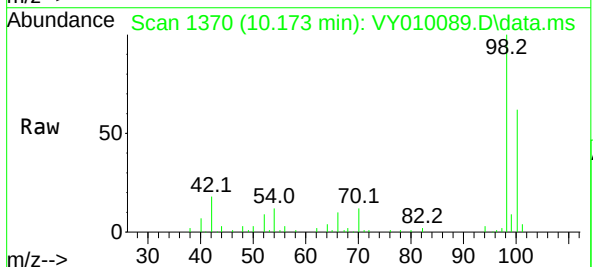
Instrument :
MSVOA_Y
ClientSampleId :
S8RE

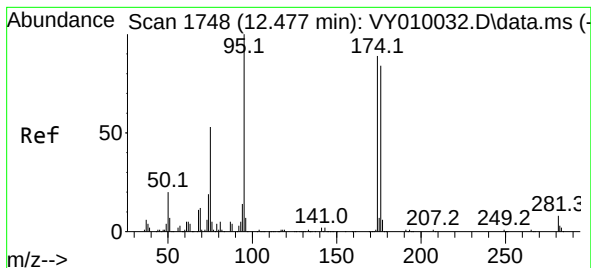
Tgt Ion:117 Resp: 3592
Ion Ratio Lower Upper
117 100
119 4.7 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 35.304 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

Tgt Ion: 98 Resp: 30616
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1

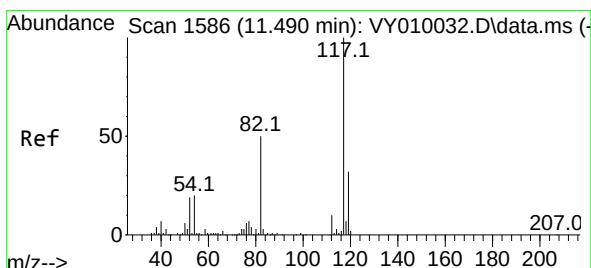
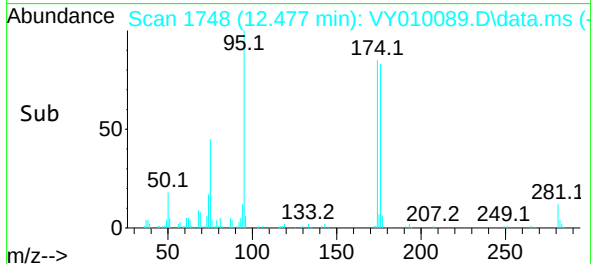
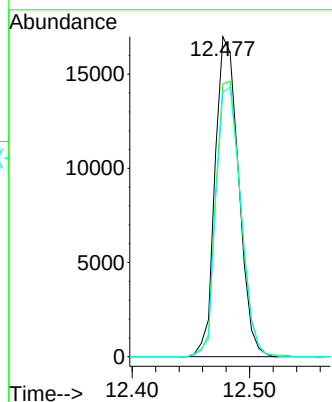
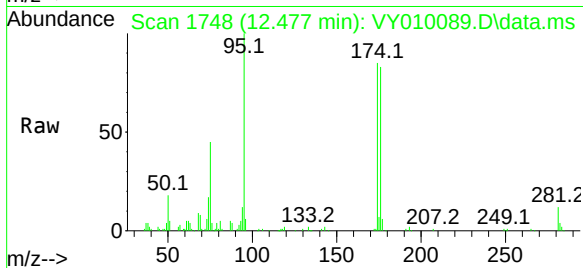




#62
4-Bromofluorobenzene
Concen: 77.486 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

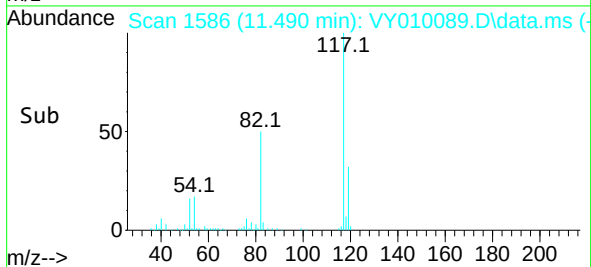
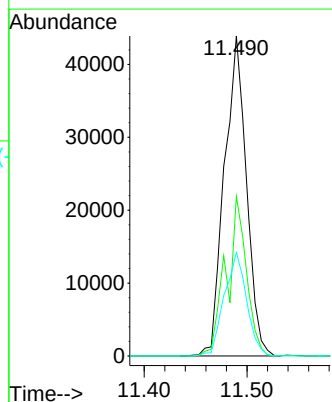
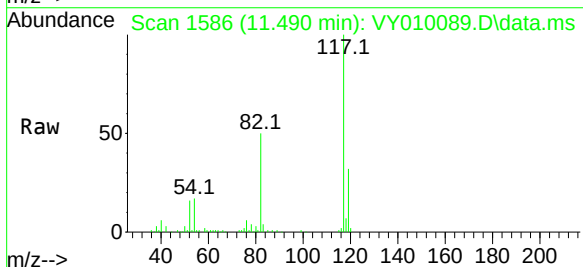
Instrument :
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ClientSampleId :
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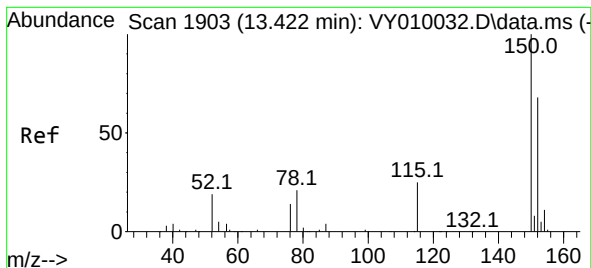
Tgt Ion: 95 Resp: 23602
Ion Ratio Lower Upper
95 100
174 90.9 0.0 184.2
176 88.5 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010089.D
Acq: 18 Aug 2022 17:35

Tgt Ion: 117 Resp: 65403
Ion Ratio Lower Upper
117 100
82 49.8 39.8 59.6
119 32.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.416 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010089.D

Acq: 18 Aug 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

S8RE

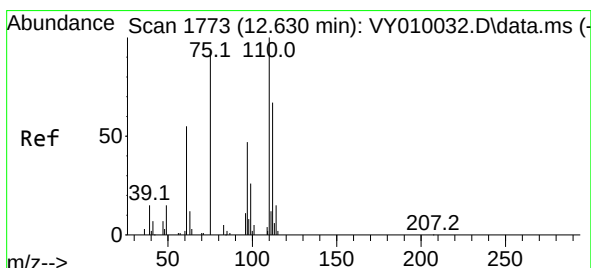
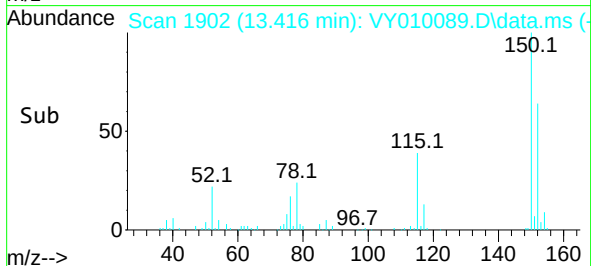
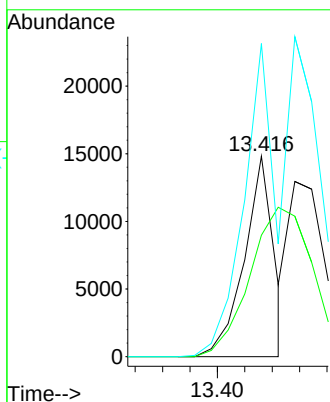
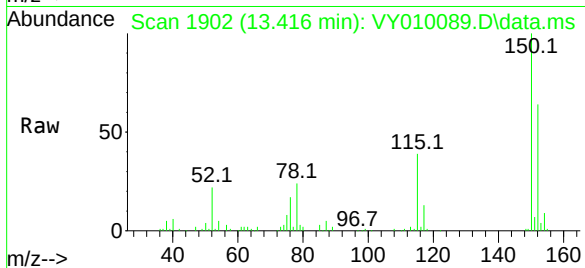
Tgt Ion:152 Resp: 11099

Ion Ratio Lower Upper

152 100

115 158.4 28.1 84.3#

150 159.8 0.0 346.6



#76

1,2,3-Trichloropropane

Concen: 109.156 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010089.D

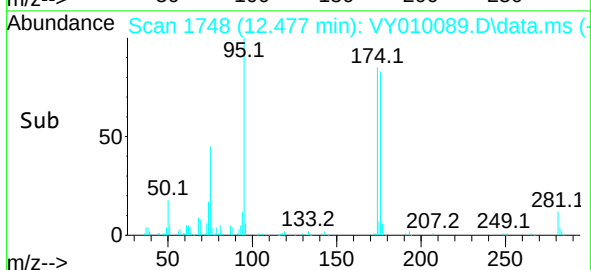
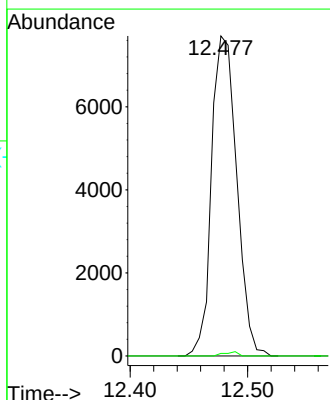
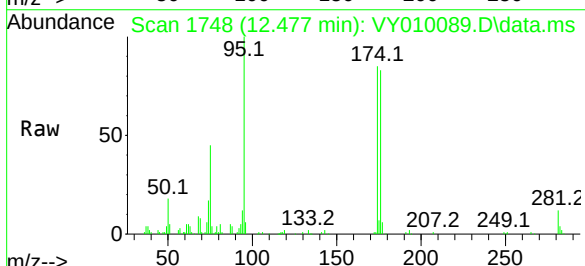
Acq: 18 Aug 2022 17:35

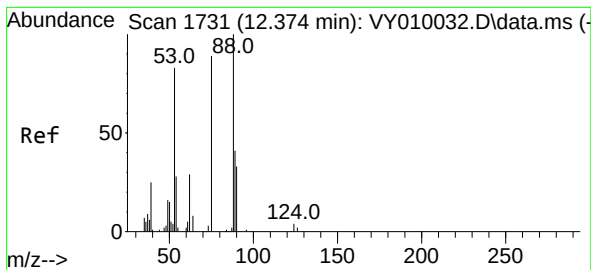
Tgt Ion: 75 Resp: 11484

Ion Ratio Lower Upper

75 100

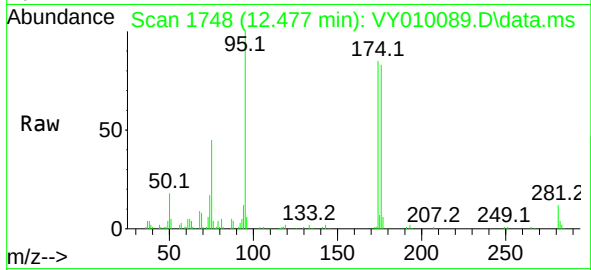
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 246.681 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010089.D
 Acq: 18 Aug 2022 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 S8RE



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	37.8	56.6#

