

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010080.D
 Acq On : 17 Aug 2022 19:46
 Operator : KP/MD
 Sample : N4124-04
 Misc : 12.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SSP4

Quant Time: Aug 18 08:23:22 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)

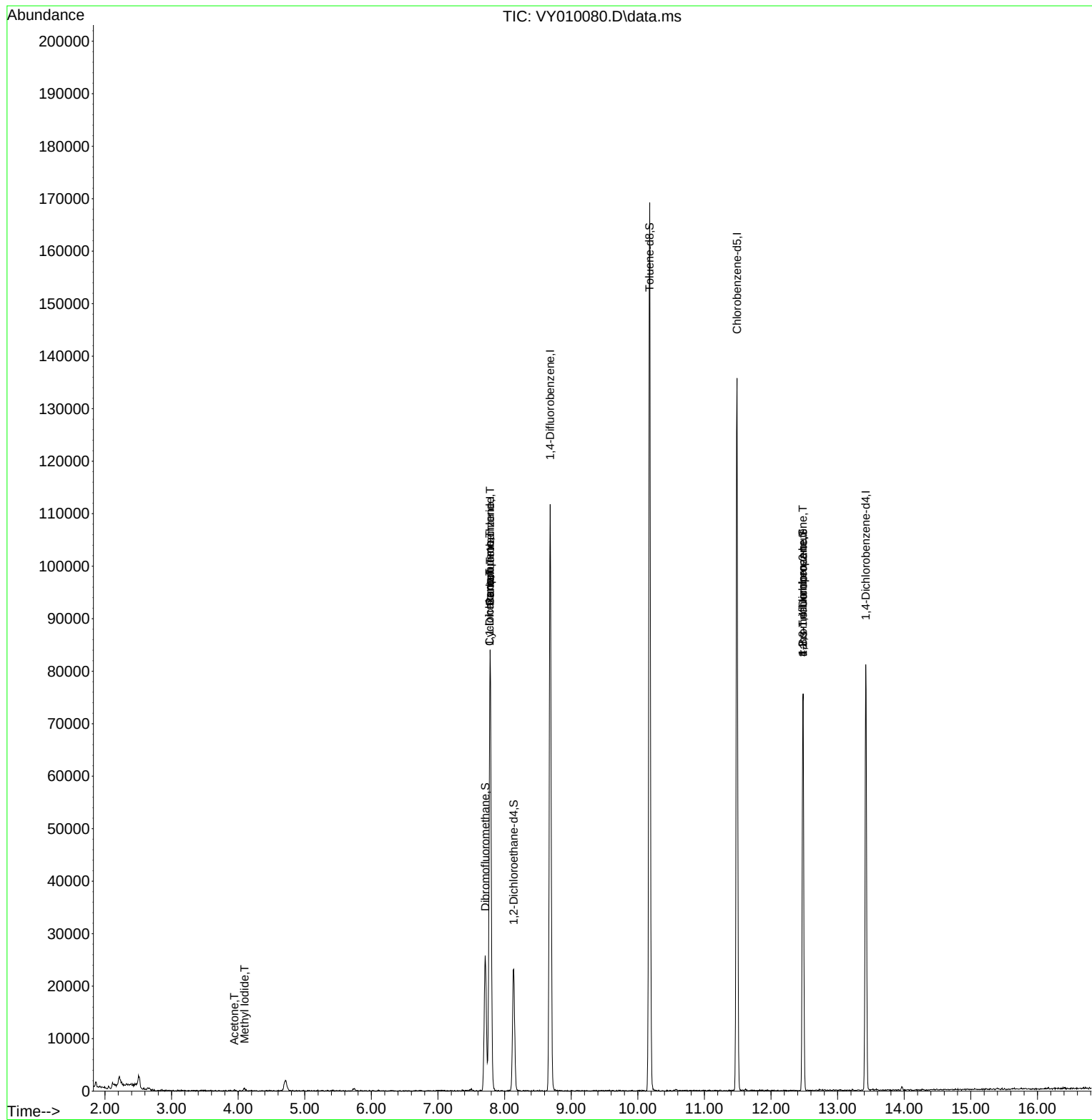
Internal Standards						
1) Pentafluorobenzene	7.783	168	68230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	97951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19458	28.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.040%
35) Dibromofluoromethane	7.710	113	17815	28.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.100%
50) Toluene-d8	10.179	98	110690	47.100	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.477	95	23104	27.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	55.980%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	740	1.023	ug/l #	61
16) Acetone	3.942	43	244	1.670	ug/l #	48
20) Methylene Chloride	4.710	84	1651	Below Cal	#	88
31) Cyclohexane	7.777	56	1100	1.141	ug/l #	47
36) 1,1-Dichloropropene	7.777	75	4447	5.025	ug/l #	49
38) Carbon Tetrachloride	7.783	117	6591	6.056	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	11485	53.669	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11485	121.286	ug/l #	12

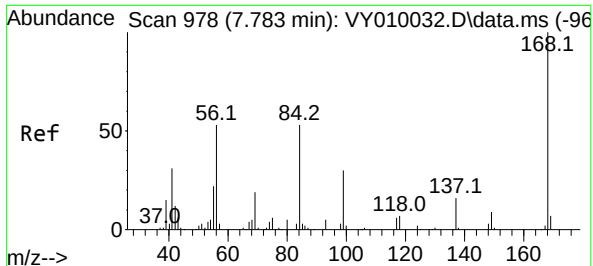
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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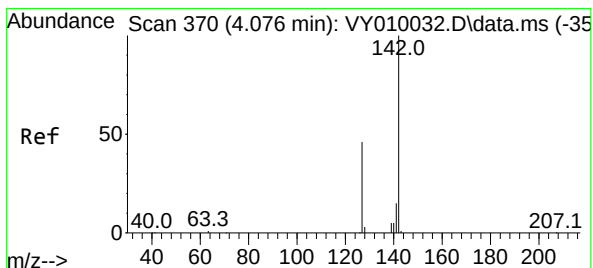
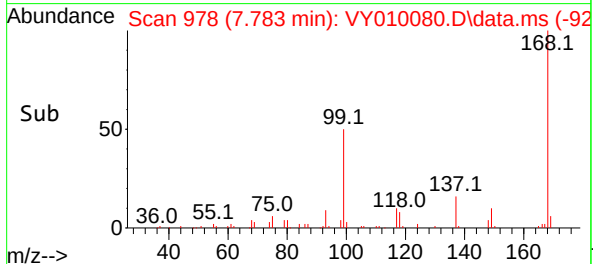
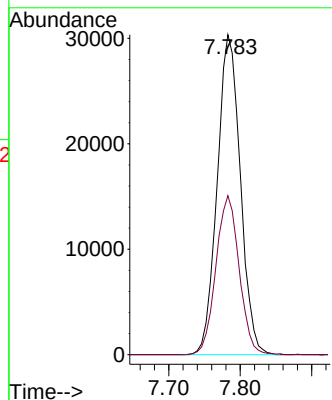
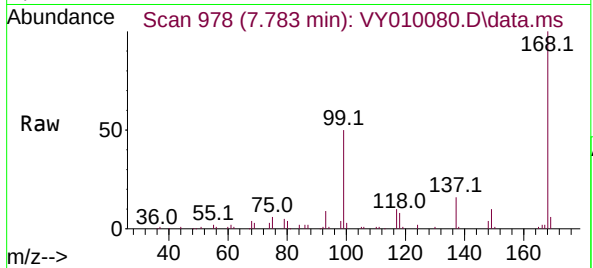




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

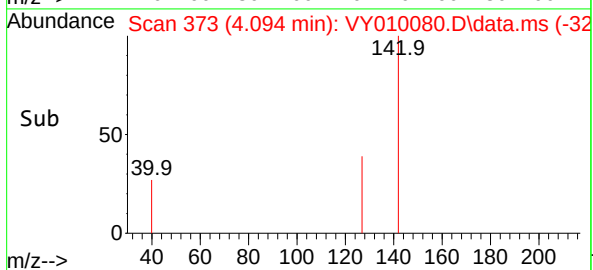
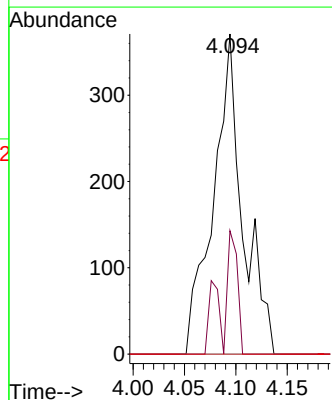
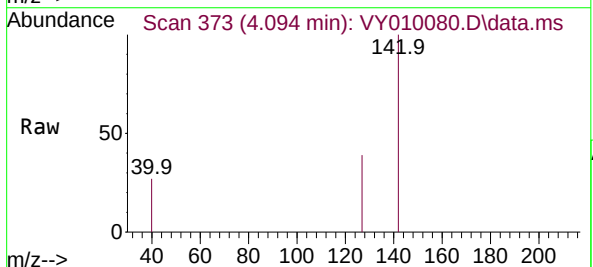
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

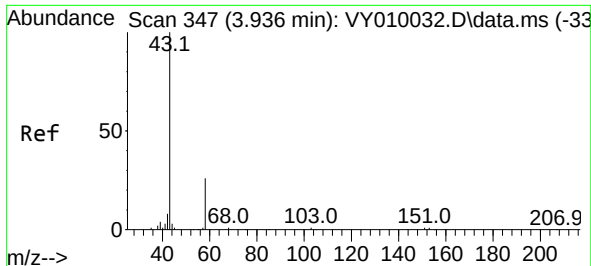
Tgt Ion:168 Resp: 68230
Ion Ratio Lower Upper
168 100
99 49.7 37.7 56.5



#10
Methyl Iodide
Concen: 1.023 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Tgt Ion:142 Resp: 740
Ion Ratio Lower Upper
142 100
127 20.7 37.9 56.9#
141 0.0 11.6 17.4#

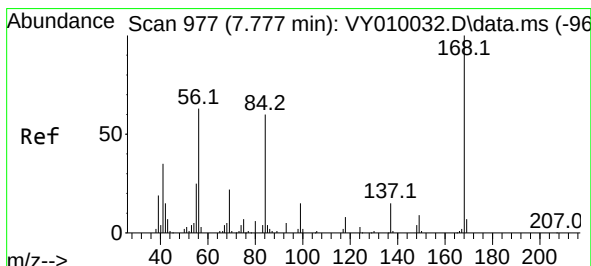
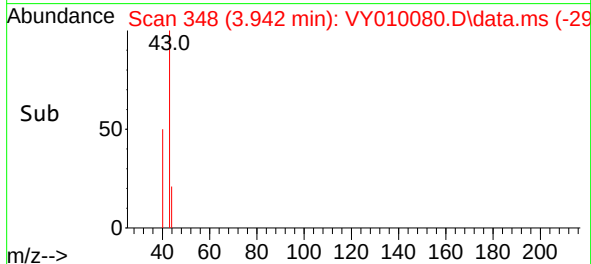
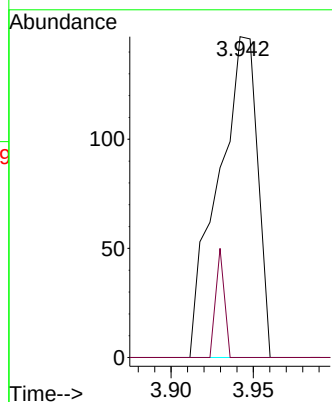
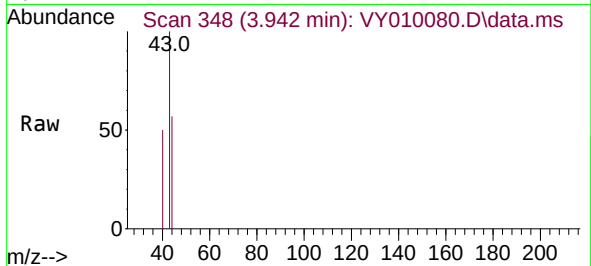




#16
Acetone
Concen: 1.670 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

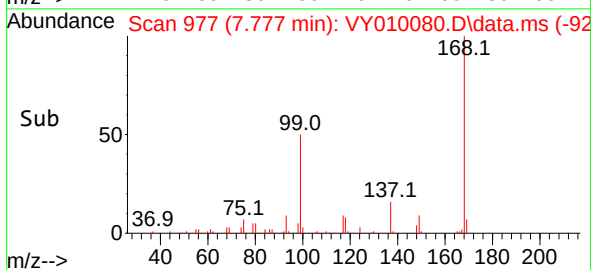
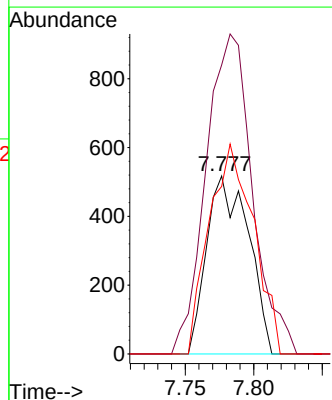
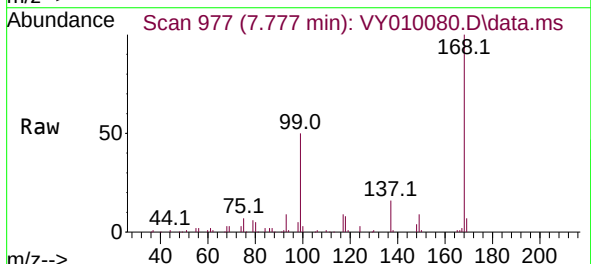
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

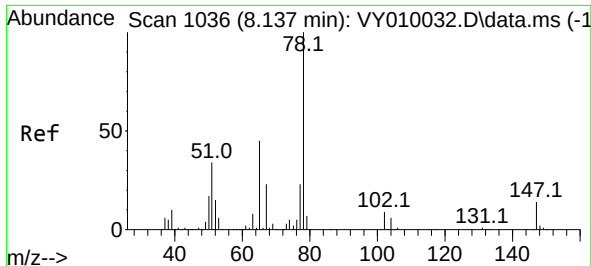
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.0#



#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Tgt Ion: 56 Resp: 1100
Ion Ratio Lower Upper
56 100
69 148.9 28.6 43.0#
84 94.2 76.0 114.0





#33

1,2-Dichloroethane-d4

Concen: 28.522 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010080.D

Acq: 17 Aug 2022 19:46

Instrument :

MSVOA_Y

ClientSampleId :

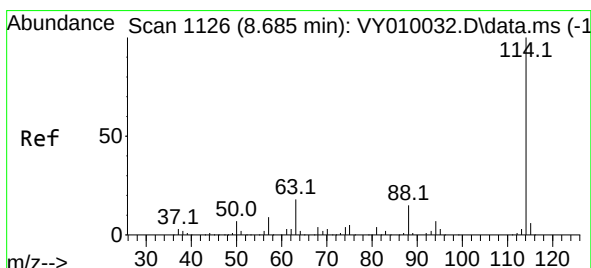
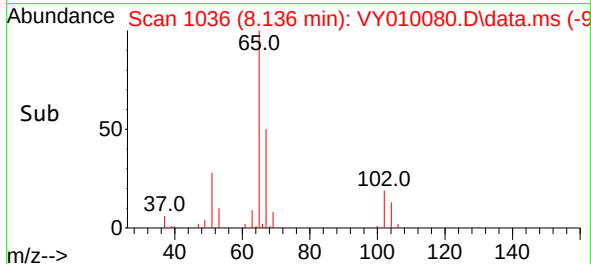
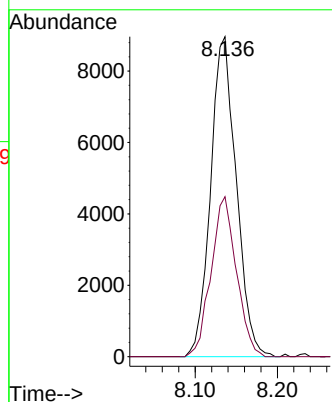
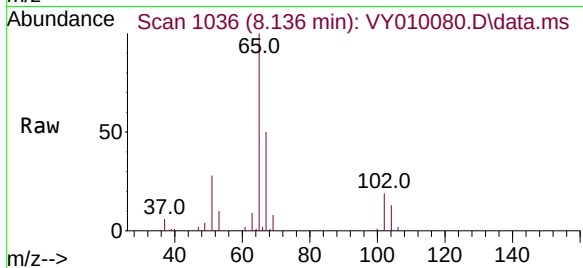
SSP4

Tgt Ion: 65 Resp: 19458

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010080.D

Acq: 17 Aug 2022 19:46

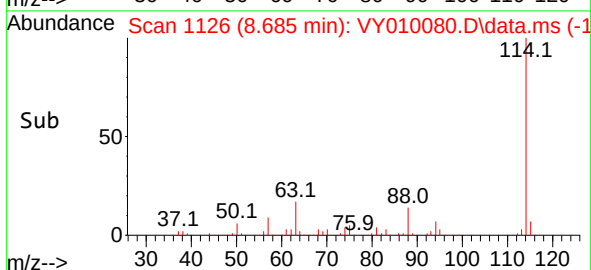
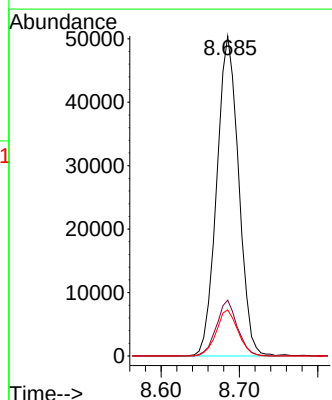
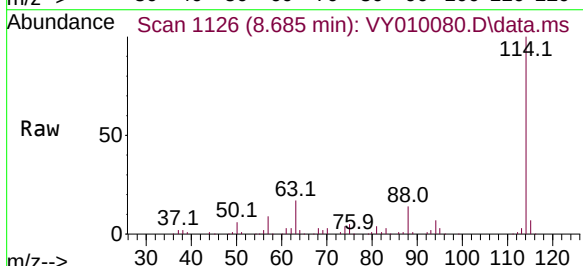
Tgt Ion: 114 Resp: 97951

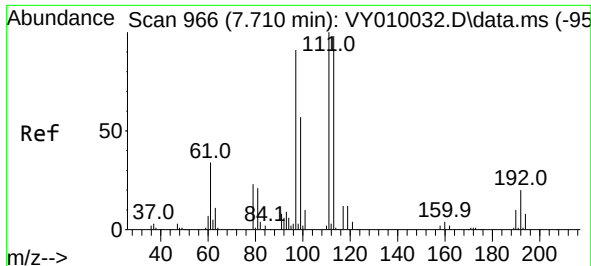
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

88 14.4 0.0 30.2

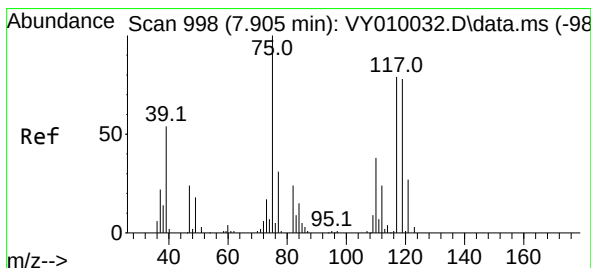
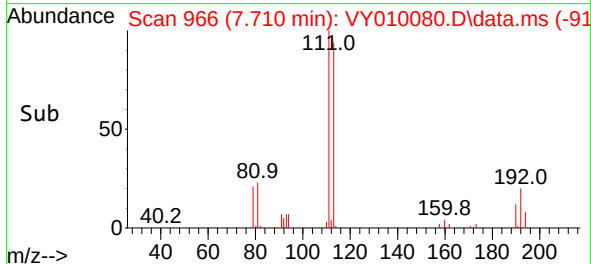
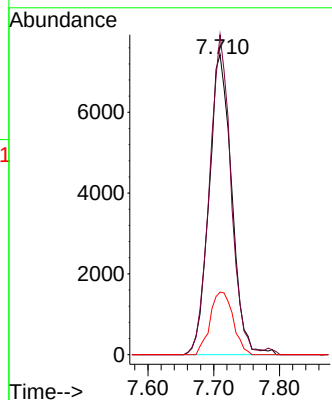
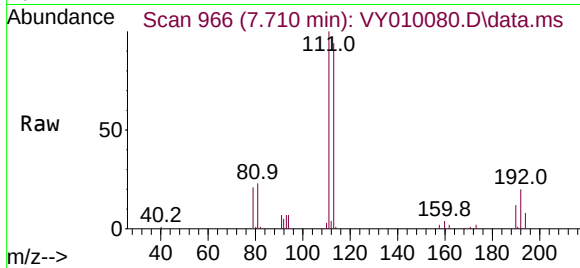




#35
Dibromofluoromethane
Concen: 28.046 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

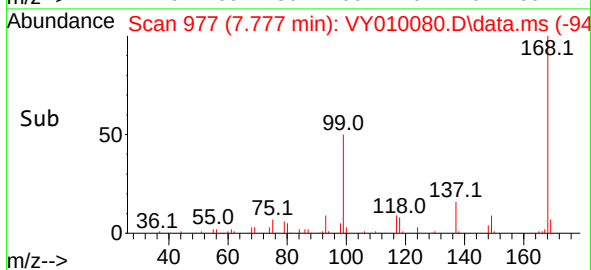
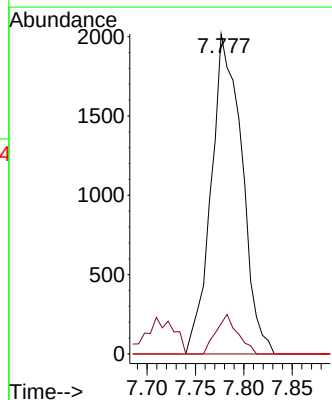
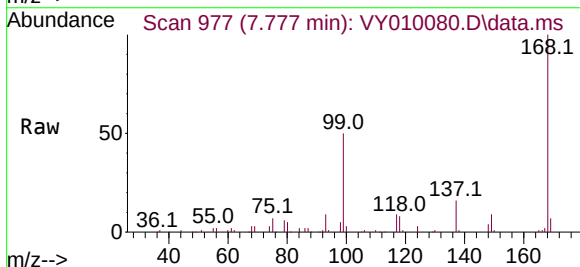
Instrument :
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ClientSampleId :
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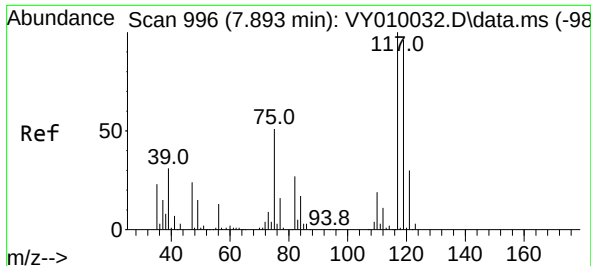
Tgt Ion:113 Resp: 17815
Ion Ratio Lower Upper
113 100
111 100.8 82.7 124.1
192 21.1 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.025 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Tgt Ion: 75 Resp: 4447
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.4#
77 0.0 24.6 36.8#

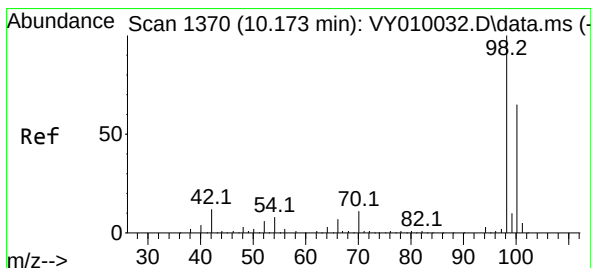
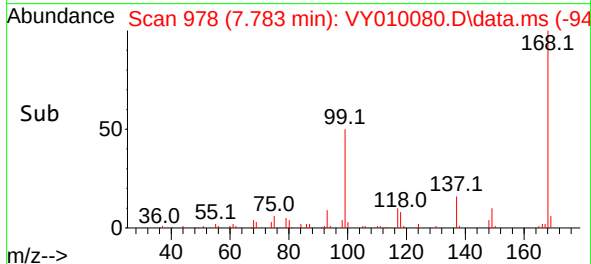
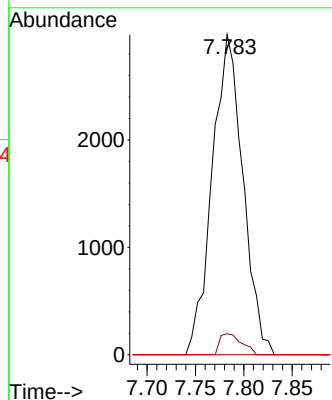
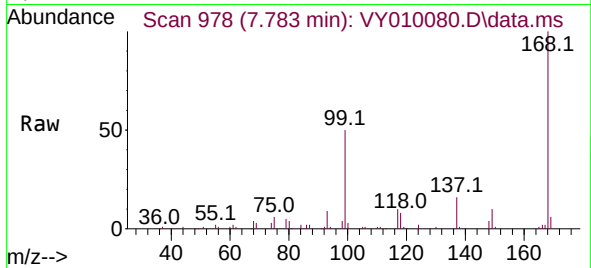




#38
Carbon Tetrachloride
Concen: 6.056 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

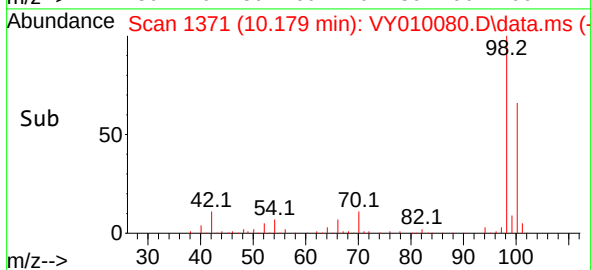
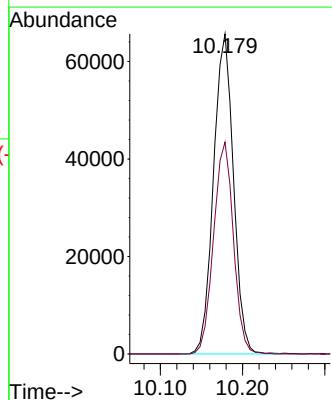
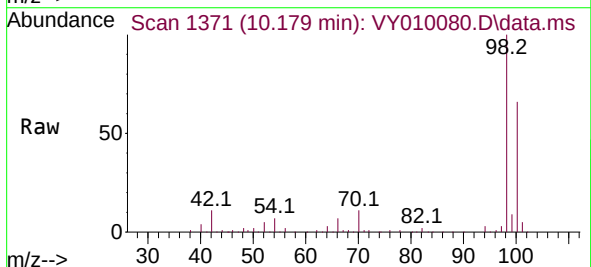
Instrument :
MSVOA_Y
ClientSampleId :
SSP4

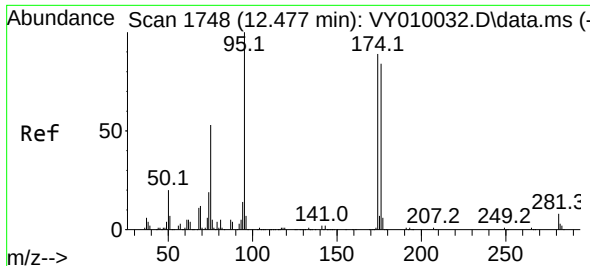
Tgt Ion:117 Resp: 6591
Ion Ratio Lower Upper
117 100
119 6.6 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.100 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Tgt Ion: 98 Resp: 110690
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1

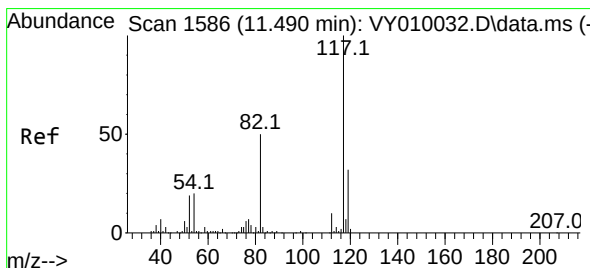
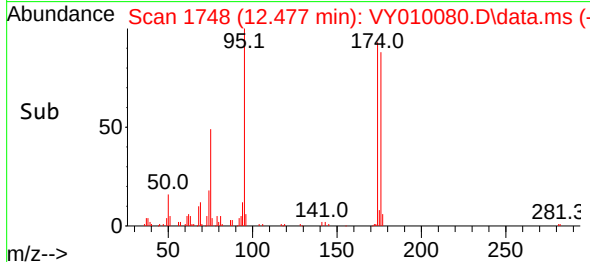
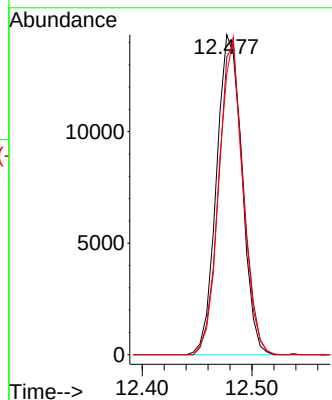
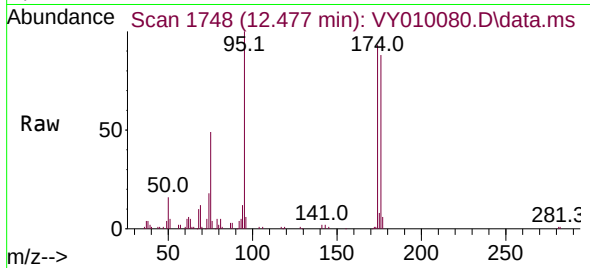




#62
4-Bromofluorobenzene
Concen: 27.990 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

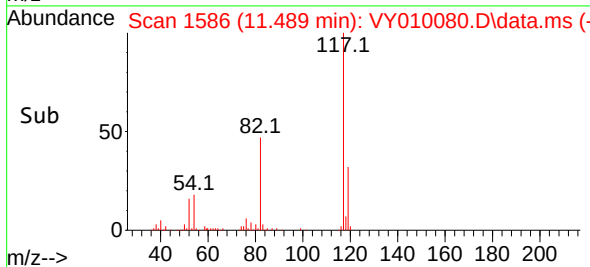
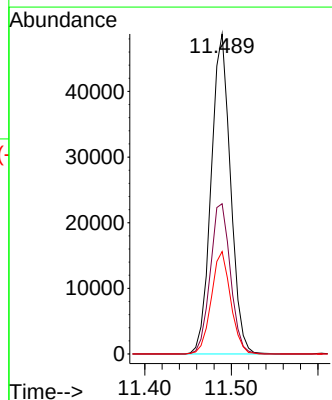
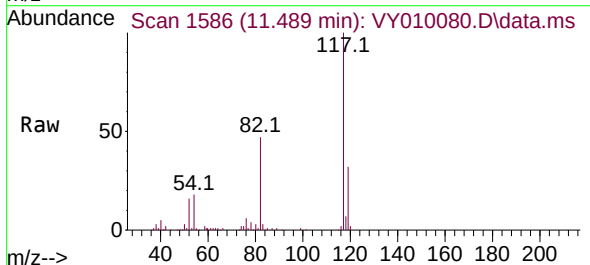
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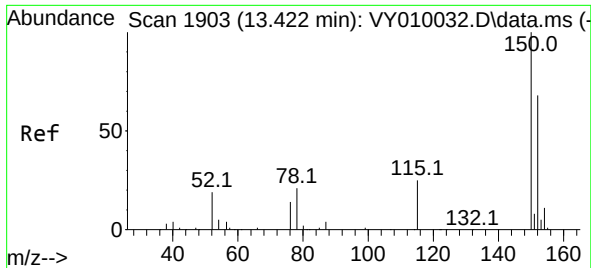
Tgt Ion: 95 Resp: 23104
Ion Ratio Lower Upper
95 100
174 94.8 0.0 184.2
176 92.4 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010080.D
Acq: 17 Aug 2022 19:46

Tgt Ion: 117 Resp: 75706
Ion Ratio Lower Upper
117 100
82 46.9 39.8 59.6
119 32.0 25.6 38.4

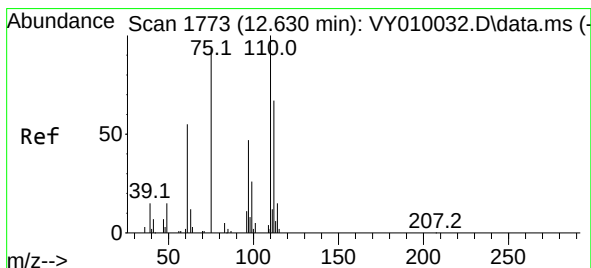
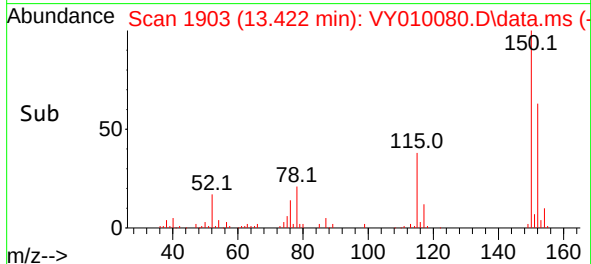
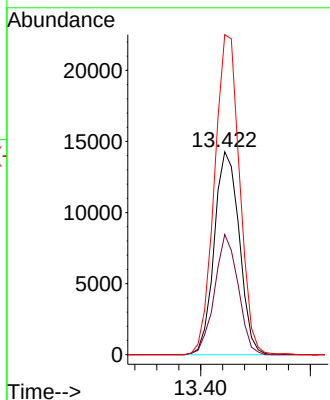
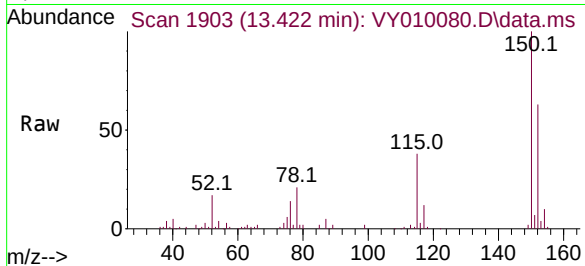




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010080.D
 Acq: 17 Aug 2022 19:46

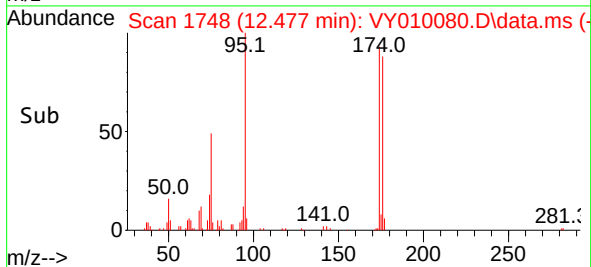
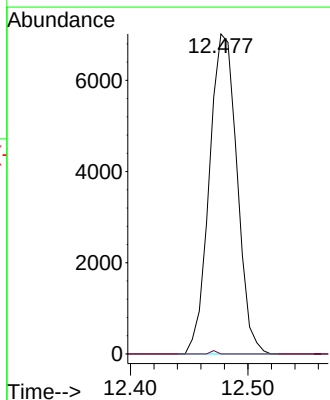
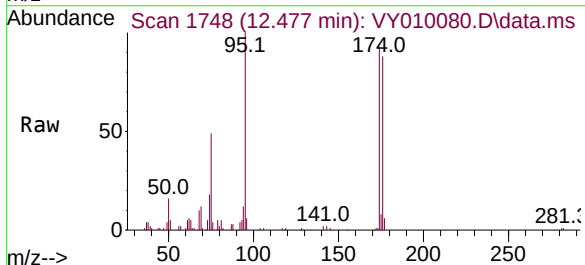
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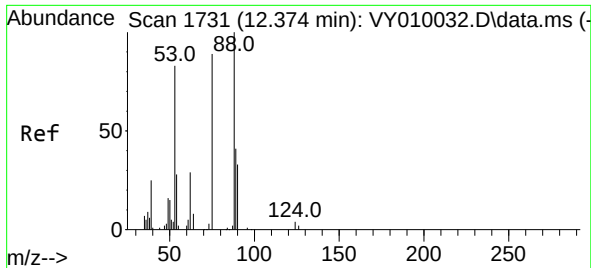
Tgt Ion:152 Resp: 22576
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.1 84.3
 150 158.7 0.0 346.6



#76
 1,2,3-Trichloropropane
 Concen: 53.669 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010080.D
 Acq: 17 Aug 2022 19:46

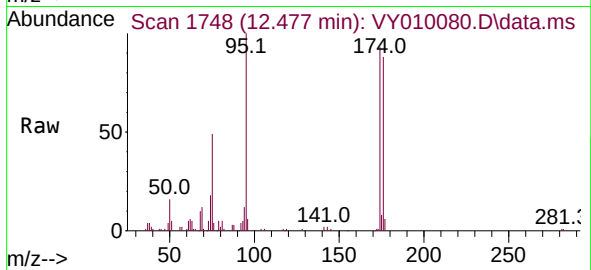
Tgt Ion: 75 Resp: 11485
 Ion Ratio Lower Upper
 75 100
 77 0.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.286 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010080.D
 Acq: 17 Aug 2022 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SSP4



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

