

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011220.D
 Acq On : 01 Nov 2022 14:34
 Operator : KP/MD
 Sample : N5316-18
 Misc : 1.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 01 14:47:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

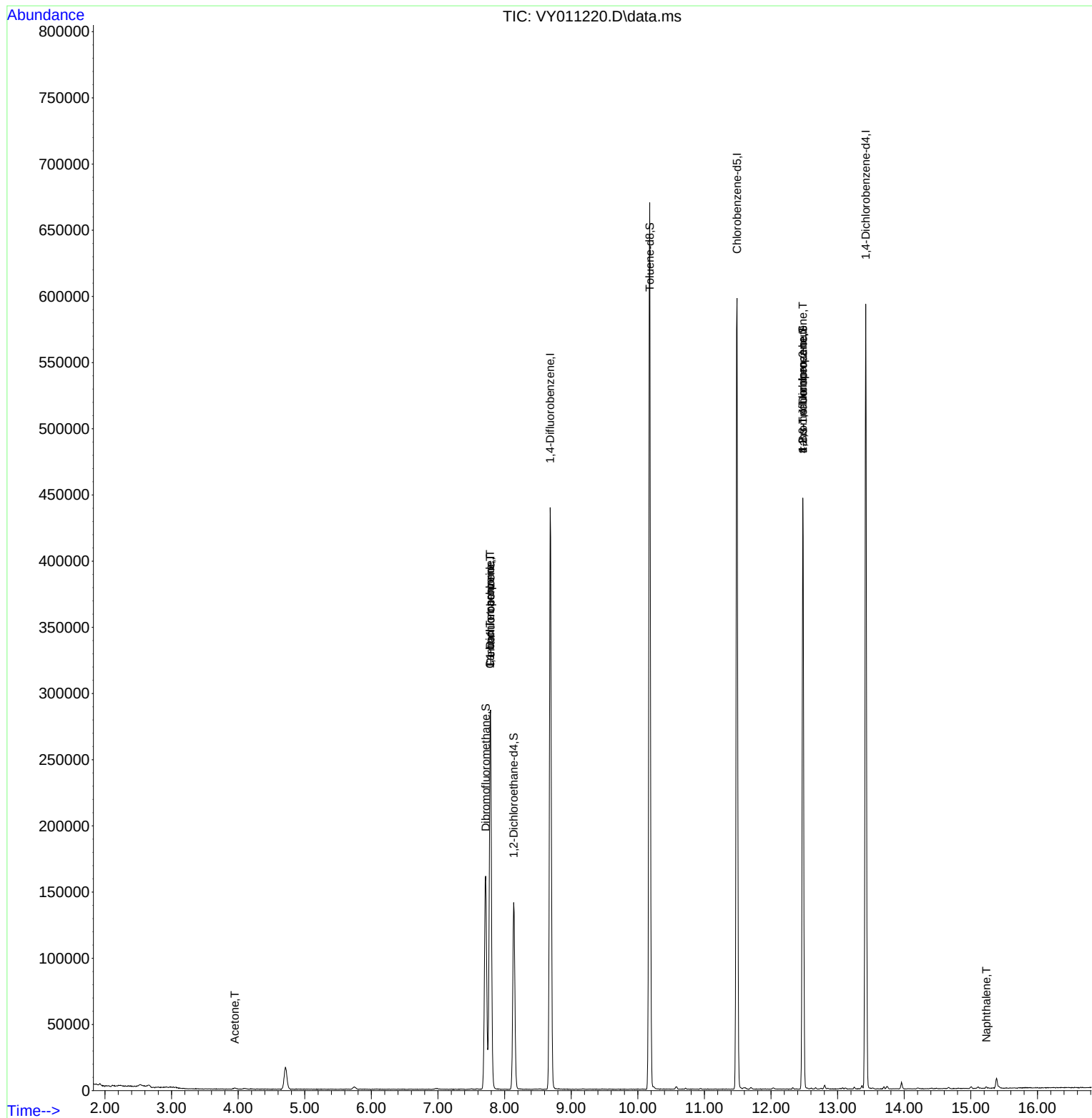
Internal Standards						
1) Pentafluorobenzene	7.789	168	227031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	383464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108922	44.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.720%
35) Dibromofluoromethane	7.716	113	117689	47.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.179	98	440858	46.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.180%
62) 4-Bromofluorobenzene	12.477	95	142722	42.978	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.960%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	92	Below Cal	#	43
16) Acetone	3.948	43	1530	2.087	ug/l #	86
20) Methylene Chloride	4.710	84	13091	Below Cal	#	80
36) 1,1-Dichloropropene	7.783	75	16667	4.142	ug/l #	50
38) Carbon Tetrachloride	7.783	117	21887	5.243	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69580	37.042	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69580	79.275	ug/l #	7
95) Naphthalene	15.233	128	1458	4.164	ug/l #	83

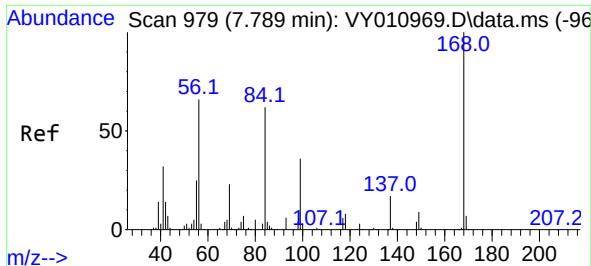
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 01 11:56:18 2022
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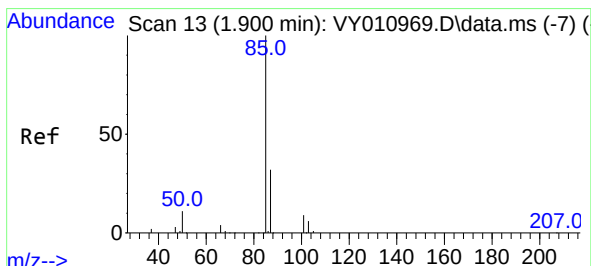
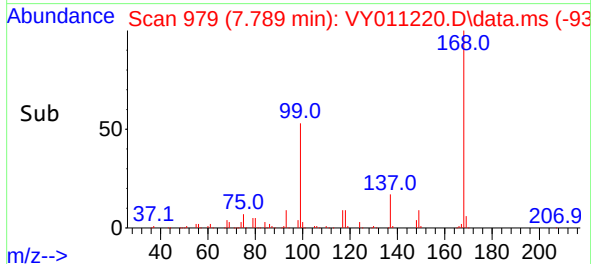
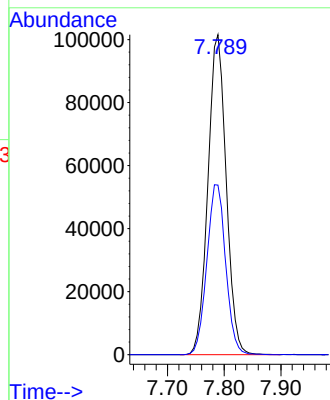
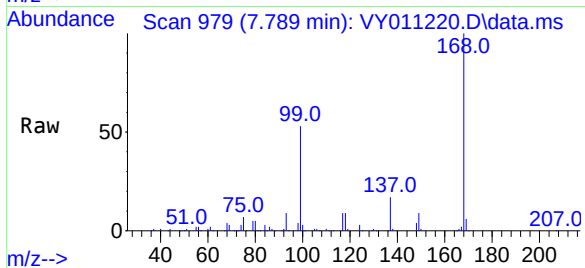




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

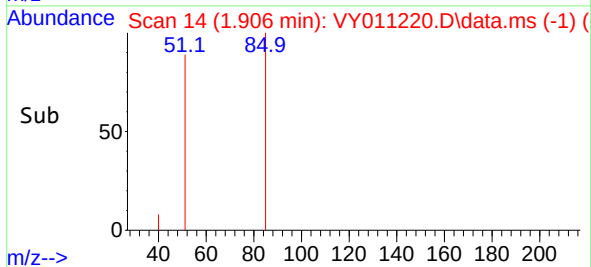
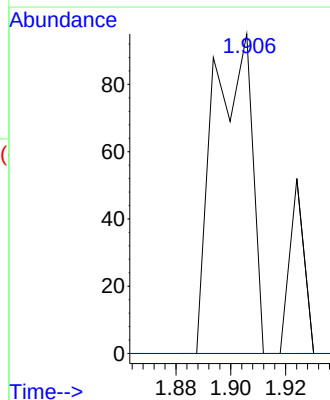
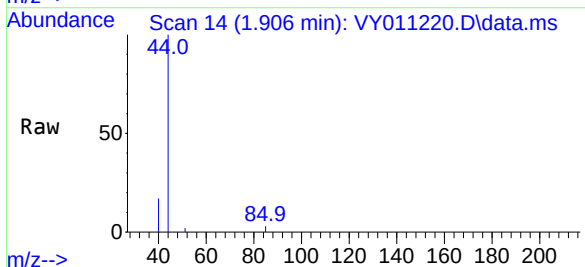
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

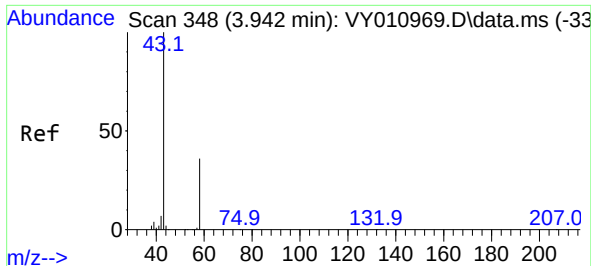
Tgt Ion:168 Resp: 227031
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion: 85 Resp: 92
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

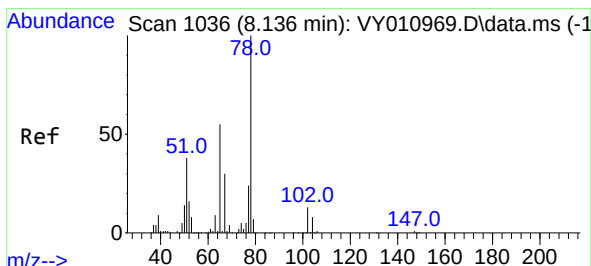
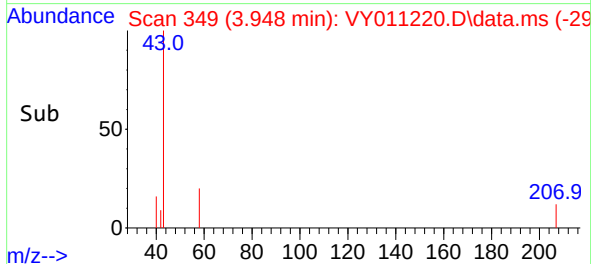
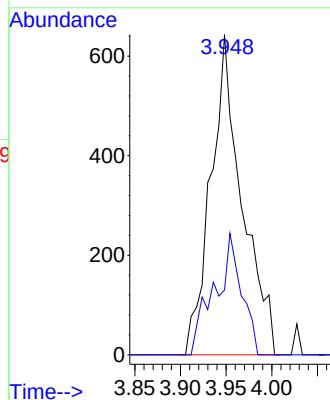
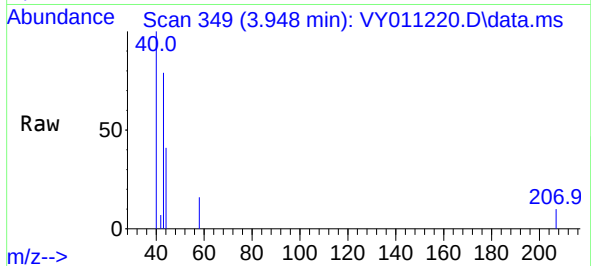




#16
Acetone
Concen: 2.087 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

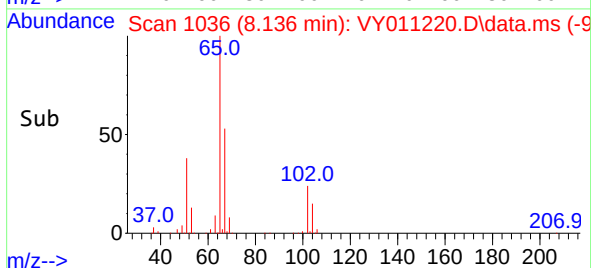
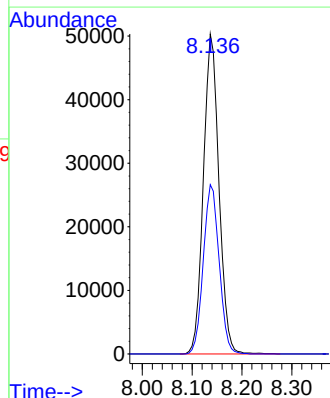
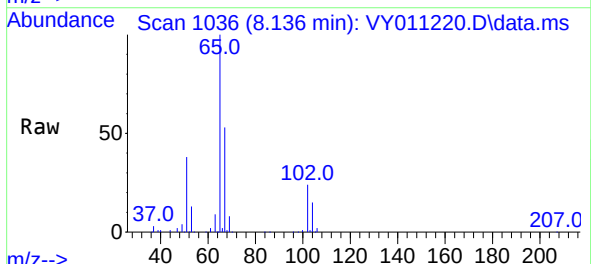
Instrument :
MSVOA_Y
ClientSampleId :
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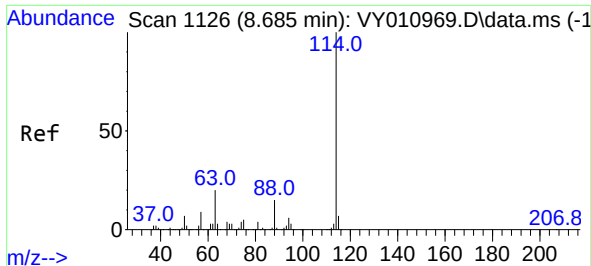
Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 20.2 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 44.859 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion: 65 Resp: 108922
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4



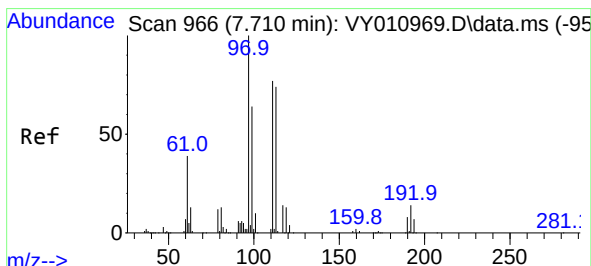
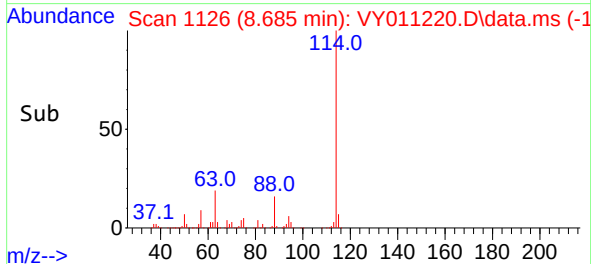
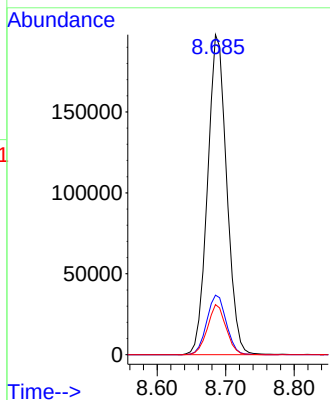
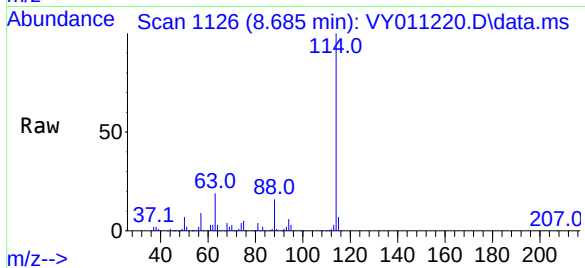


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:114 Resp: 383464

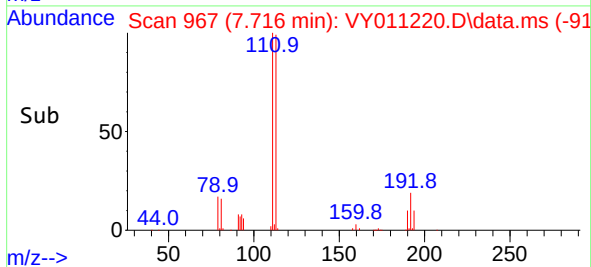
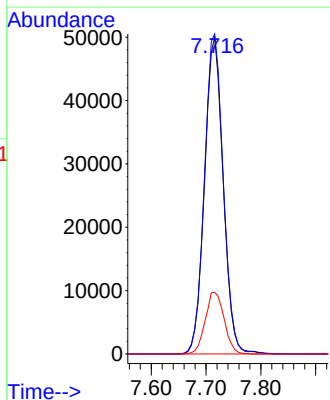
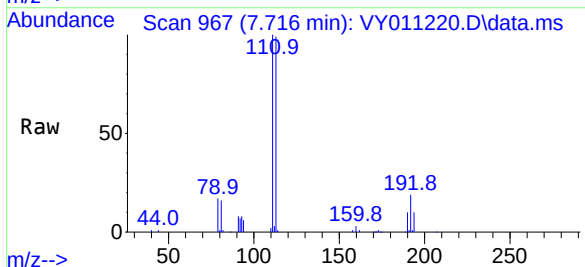
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.2
88	15.6	0.0	31.8

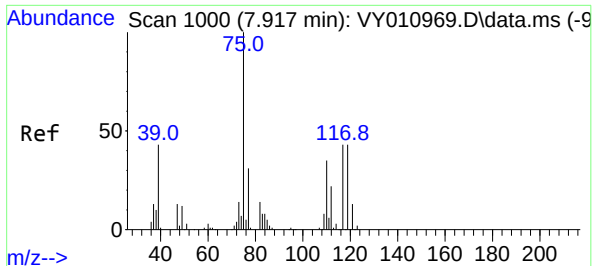


#35
Dibromofluoromethane
Concen: 47.768 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion:113 Resp: 117689

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	19.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.142 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011220.D

Acq: 01 Nov 2022 14:34

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

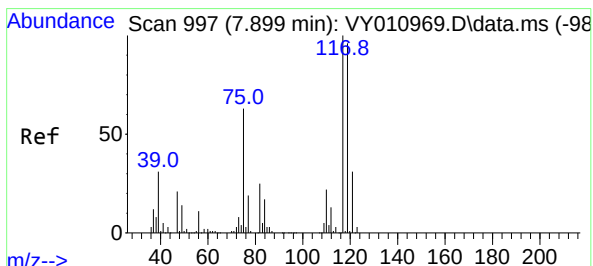
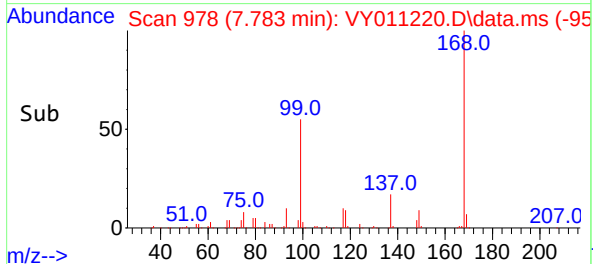
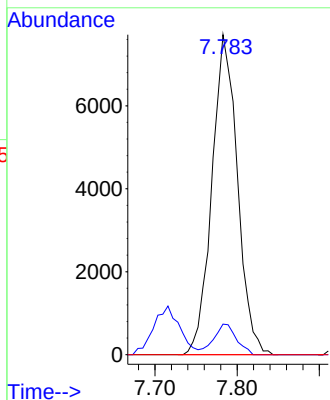
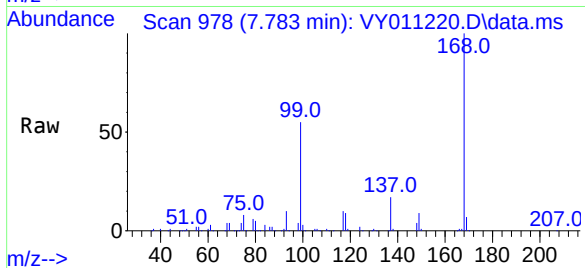
Tgt Ion: 75 Resp: 16667

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.243 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011220.D

Acq: 01 Nov 2022 14:34

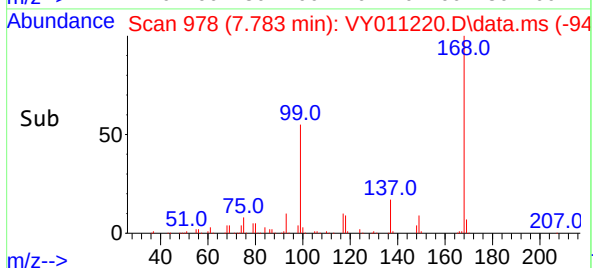
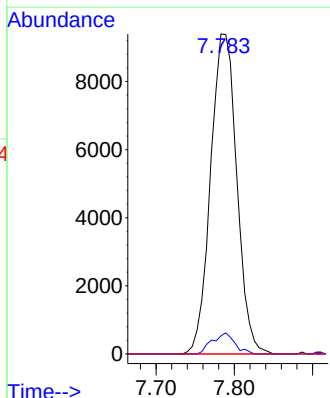
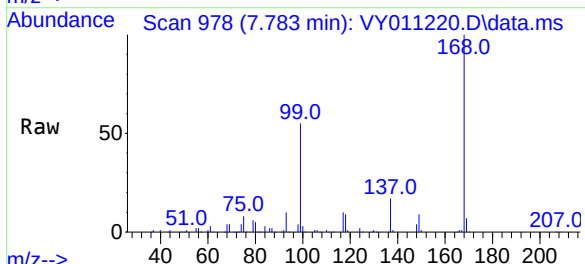
Tgt Ion: 117 Resp: 21887

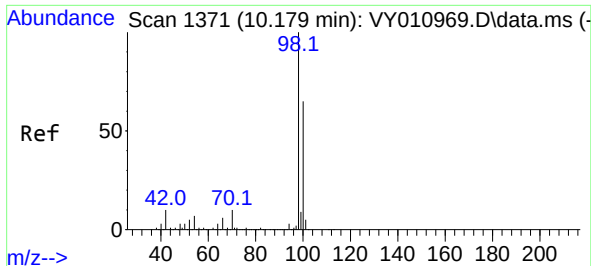
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

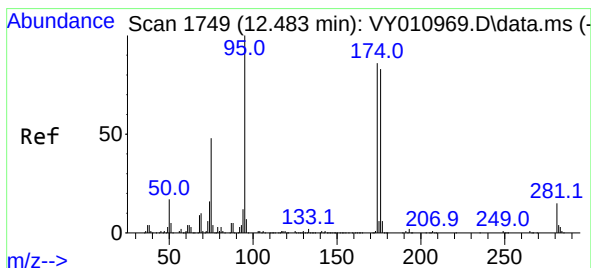
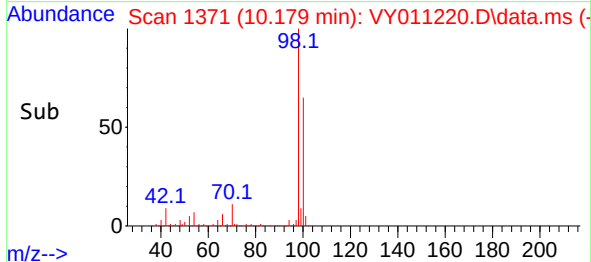
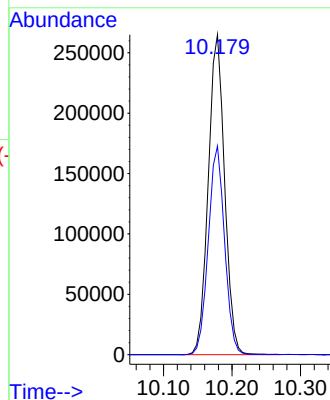
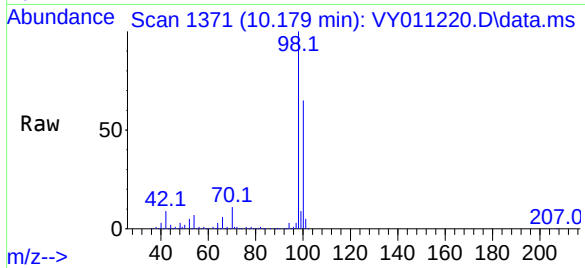




#50
Toluene-d8
Concen: 46.087 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

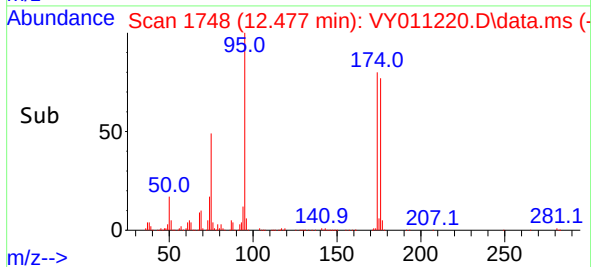
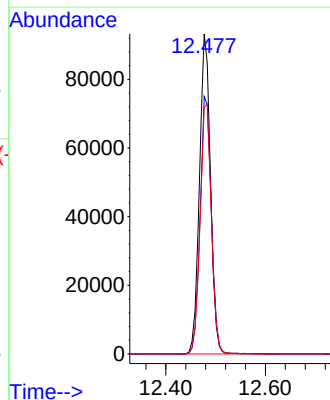
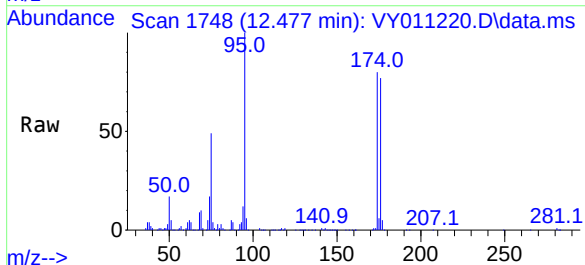
Instrument :
MSVOA_Y
ClientSampleId :
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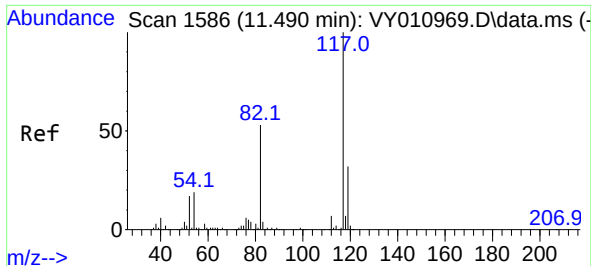
Tgt Ion: 98 Resp: 440858
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.978 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion: 95 Resp: 142722
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 79.8 0.0 175.8

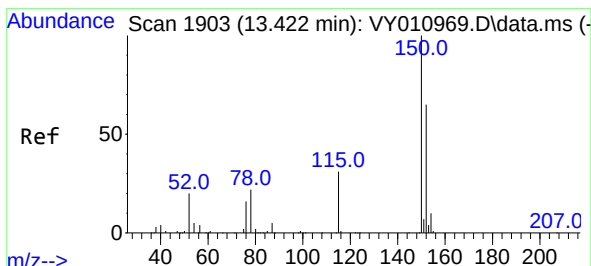
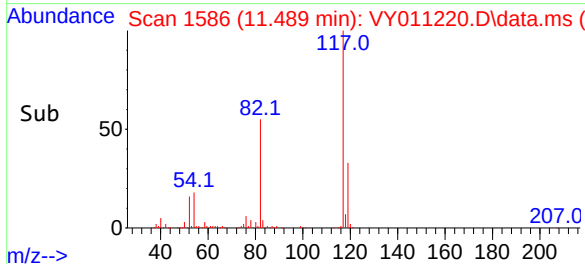
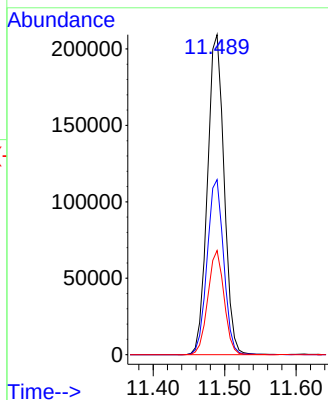
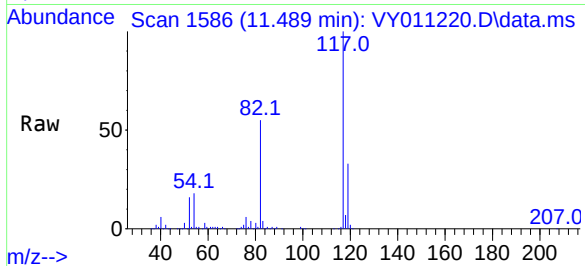




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

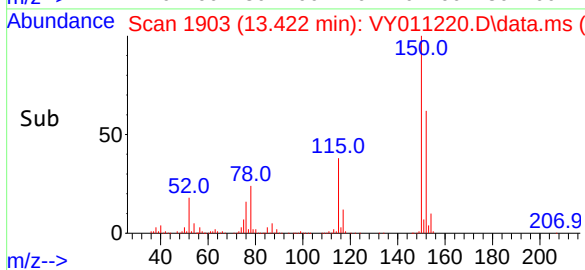
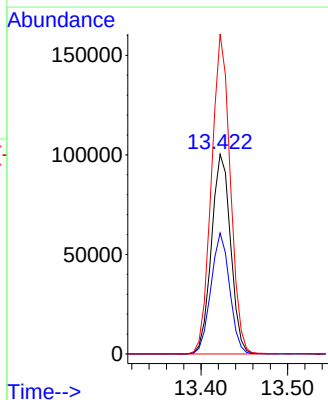
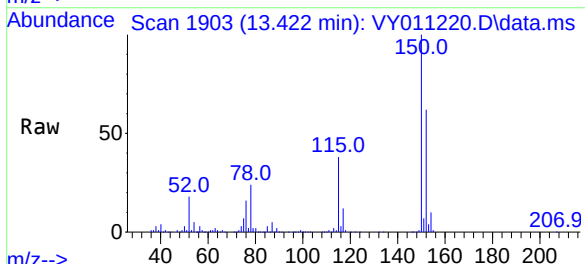
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ClientSampleId :
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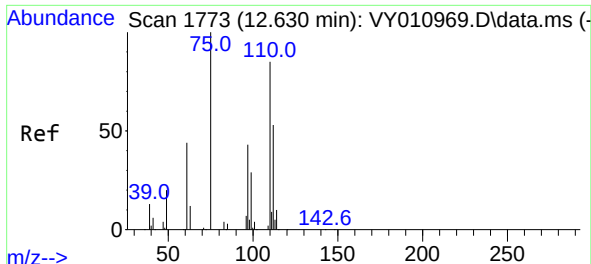
Tgt Ion:117 Resp: 338167
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion:152 Resp: 154294
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 157.8 0.0 347.6

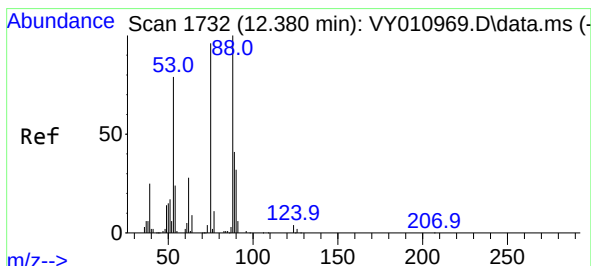
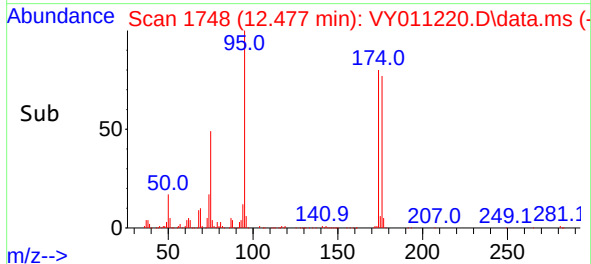
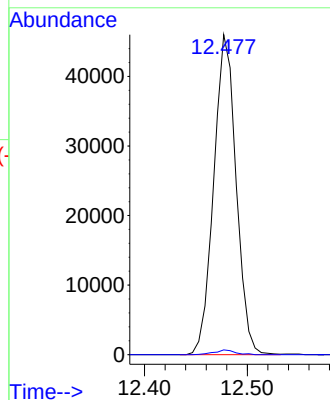
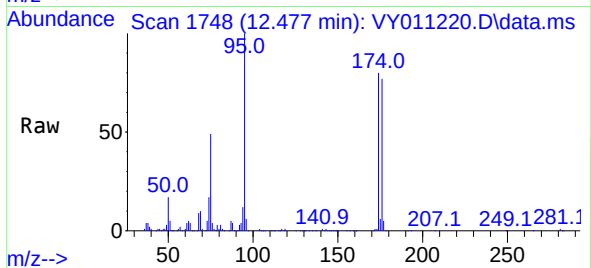




#76
1,2,3-Trichloropropane
Concen: 37.042 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

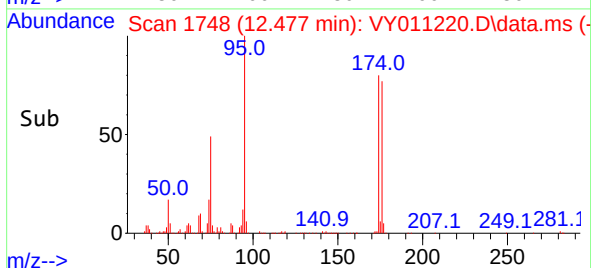
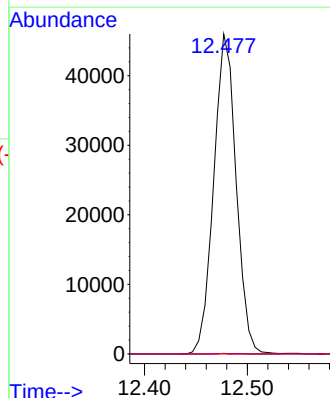
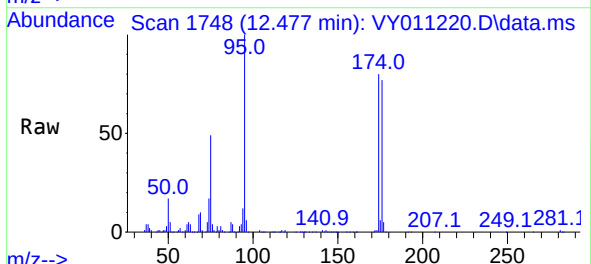
Instrument :
MSVOA_Y
ClientSampleId :
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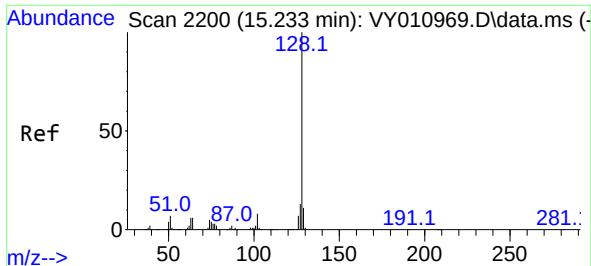
Tgt Ion: 75 Resp: 69580
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.275 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Tgt Ion: 75 Resp: 69580
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.164 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011220.D
Acq: 01 Nov 2022 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion:128 Resp: 1458
Ion Ratio Lower Upper
128 100
127 7.3 11.0 16.4#
129 3.9 8.4 12.6#

