

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011556.D
 Acq On : 22 Nov 2022 18:22
 Operator : KP/MD
 Sample : N5678-13RE
 Misc : 6.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:08:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	173230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142130	50.000	ug/l	0.00

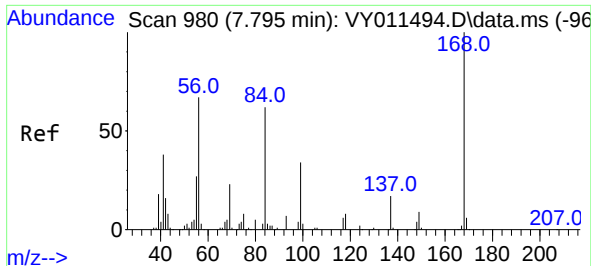
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	128382	72.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.980%	
35) Dibromofluoromethane	7.722	113	110698	52.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.340%	
50) Toluene-d8	10.179	98	425550	55.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.420%	
62) 4-Bromofluorobenzene	12.483	95	134787	47.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.460%	

Target Compounds					Qvalue	
3) Chloromethane	2.113	50	234	Below Cal	91	
5) Bromomethane	2.668	94	185	Below Cal	#	69
18) Methyl Acetate	4.472	43	55	Below Cal	#	56
20) Methylene Chloride	4.716	84	3427	Below Cal	#	86
31) Cyclohexane	7.789	56	3955	1.357	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	14064	4.281	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	17910	4.872	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	71986	47.030	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	71986	103.011	ug/l	# 7
95) Naphthalene	15.239	128	369	4.088	ug/l	# 69

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

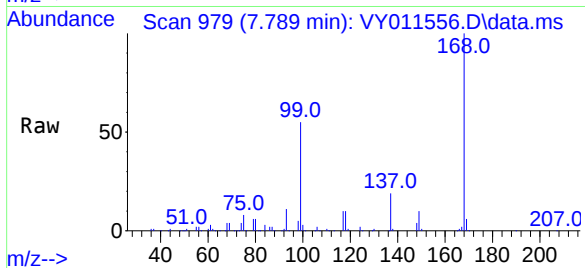
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



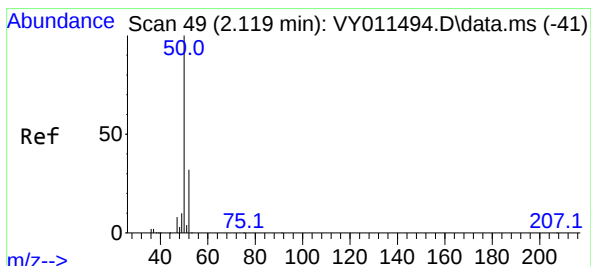
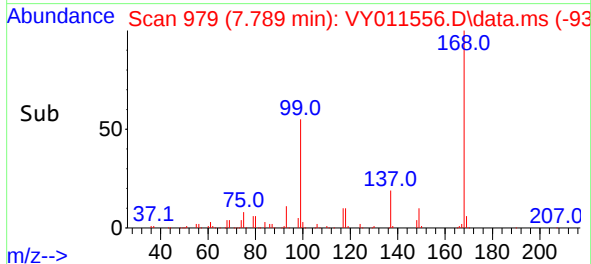
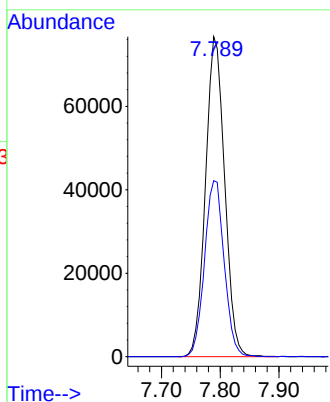


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Instrument :
MSVOA_Y
ClientSampleId :

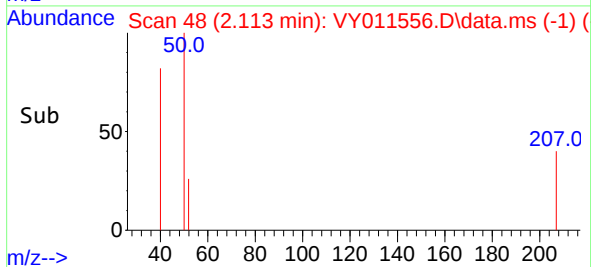
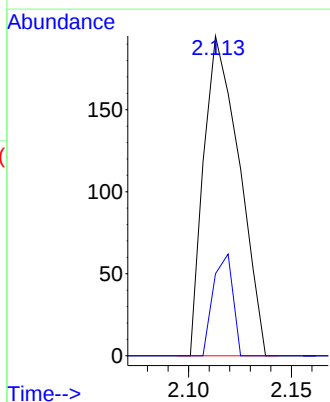
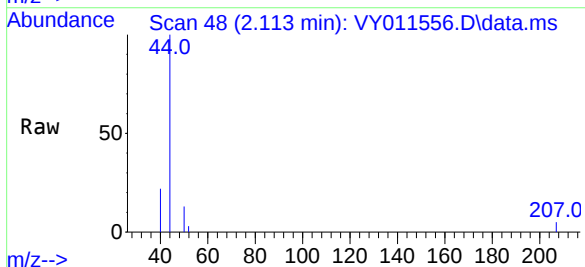


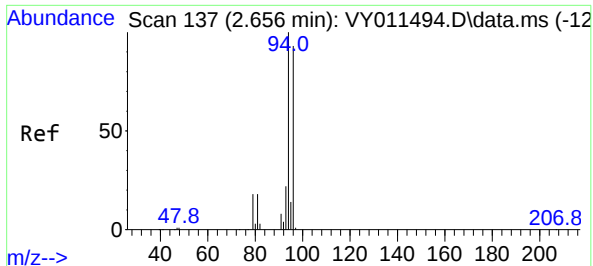
Tgt Ion:168 Resp: 173230
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 25.6 24.6 37.0

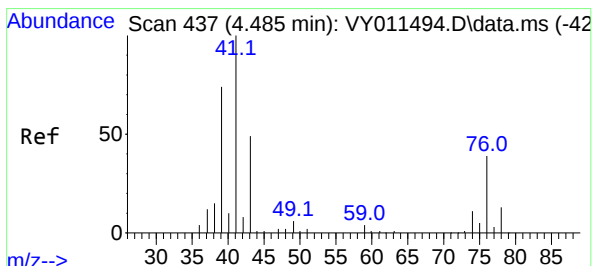
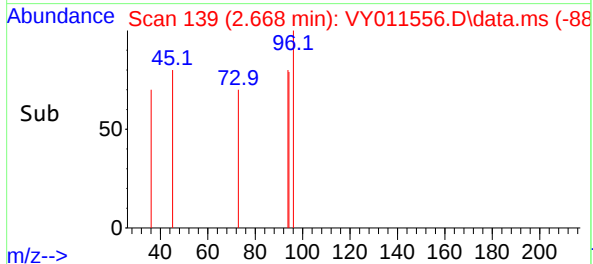
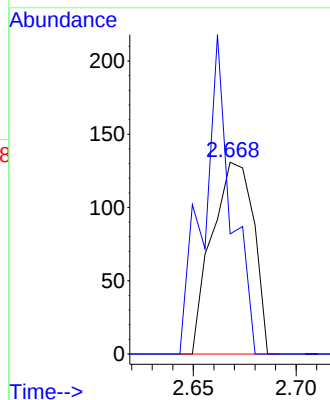
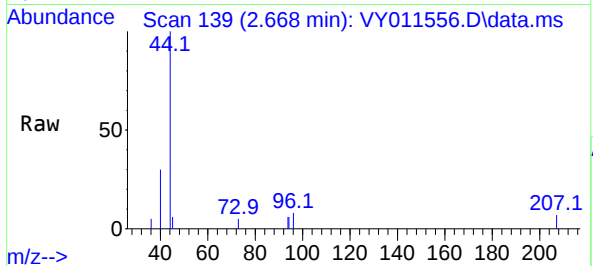




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

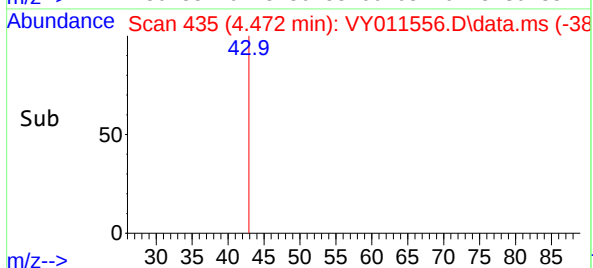
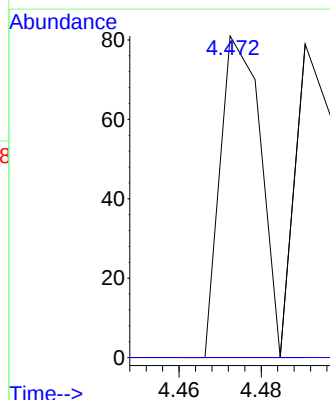
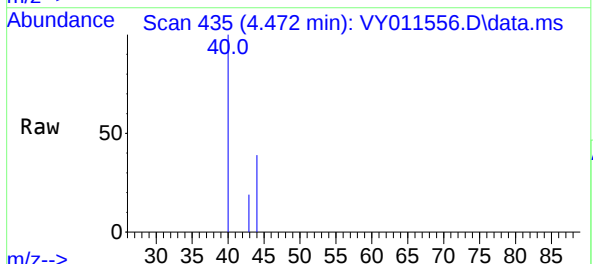
Instrument :
MSVOA_Y
ClientSampleId :

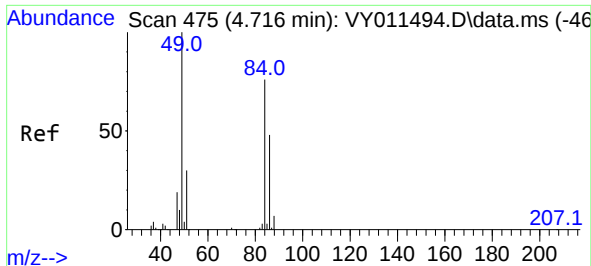
Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 62.6 73.5 110.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.013 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

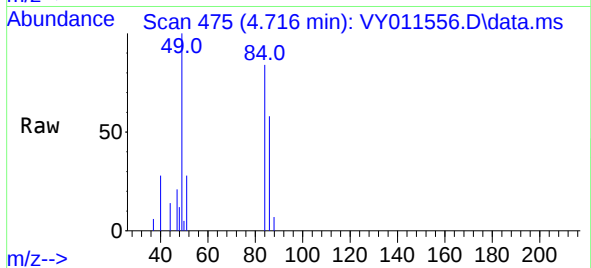
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





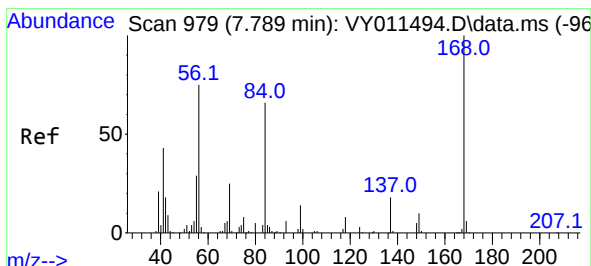
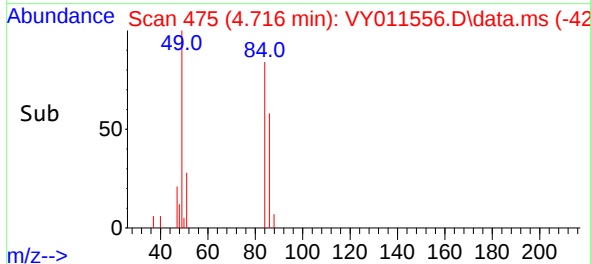
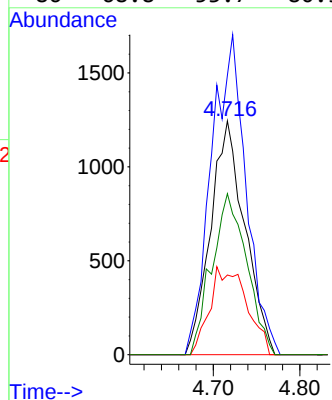
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3427

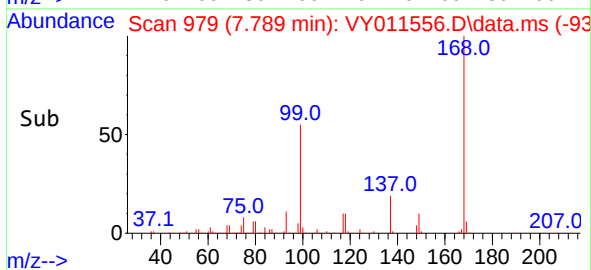
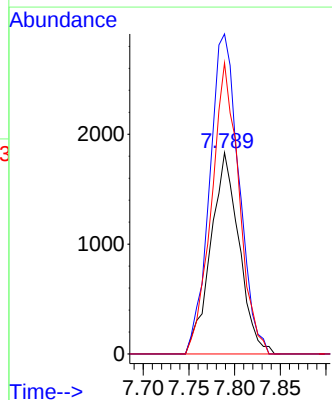
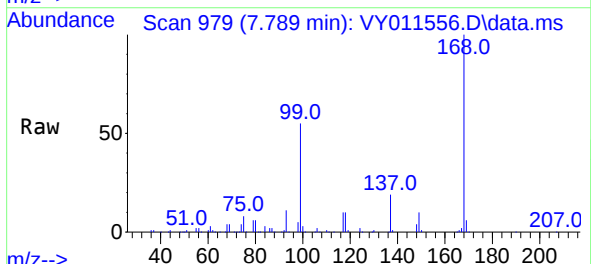
Ion	Ratio	Lower	Upper
84	100		
49	119.5	114.4	171.6
51	34.1	35.3	52.9#
86	68.8	53.7	80.5

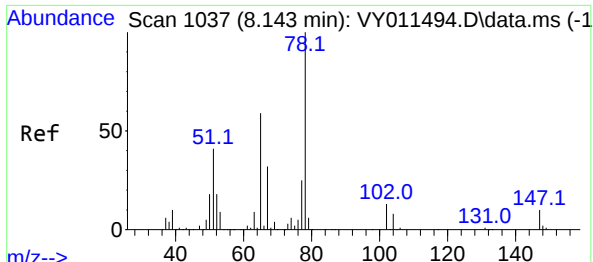


#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Tgt Ion: 56 Resp: 3955

Ion	Ratio	Lower	Upper
56	100		
69	159.0	26.7	40.1#
84	144.7	67.2	100.8#

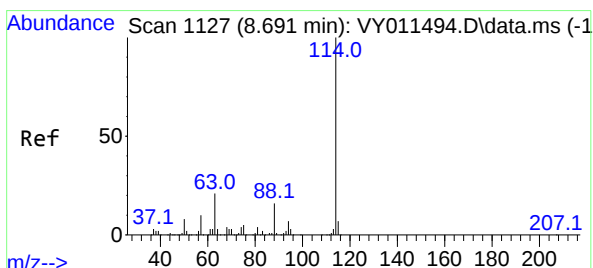
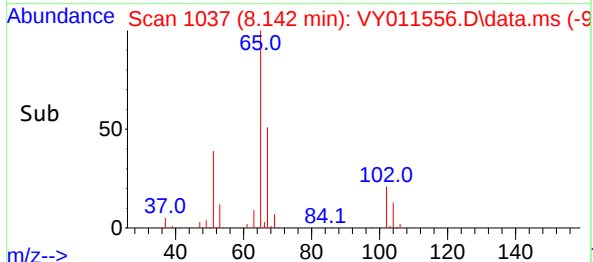
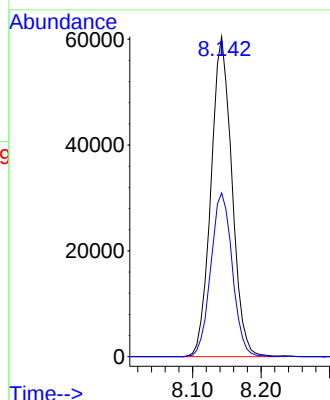
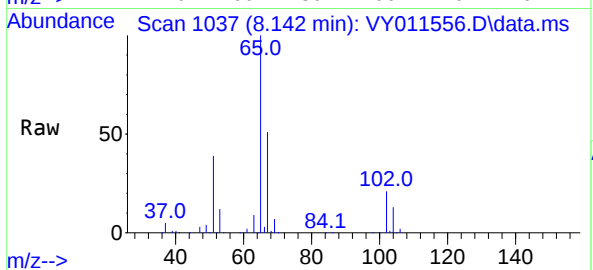




#33
1,2-Dichloroethane-d4
Concen: 72.987 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

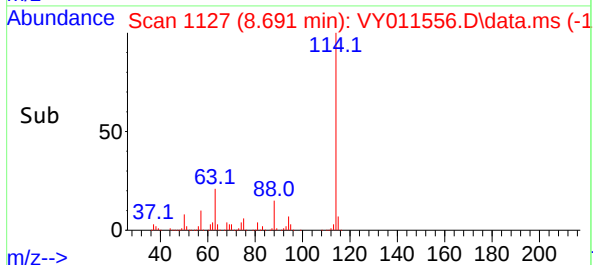
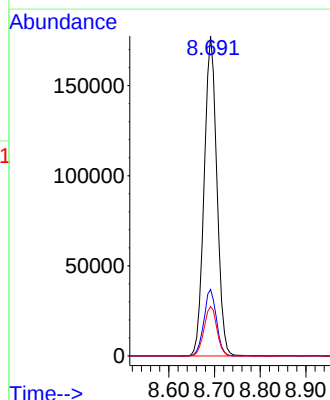
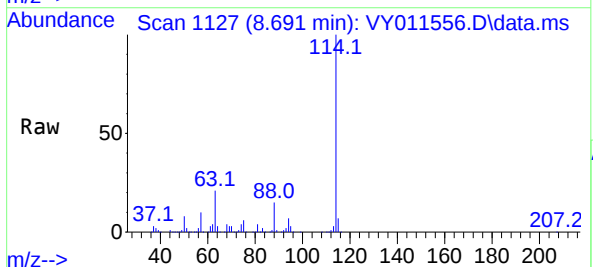
Instrument :
MSVOA_Y
ClientSampleId :

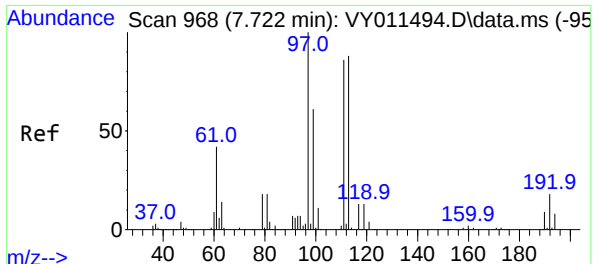
Tgt Ion: 65 Resp: 128382
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

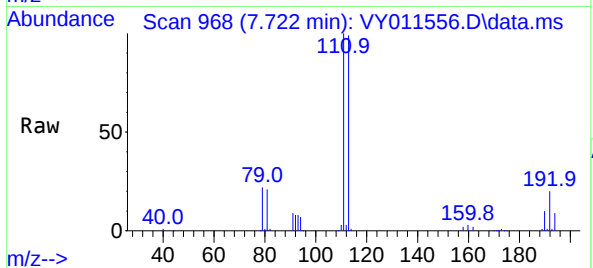
Tgt Ion: 114 Resp: 341444
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 15.4 0.0 31.8



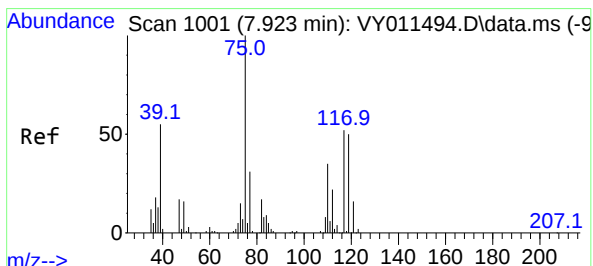
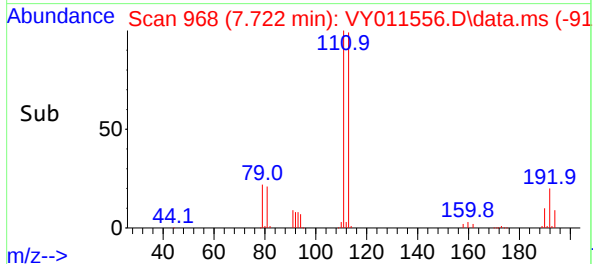
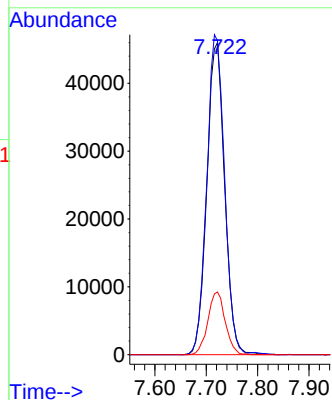


#35
Dibromofluoromethane
Concen: 52.666 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Instrument :
MSVOA_Y
ClientSampleId :

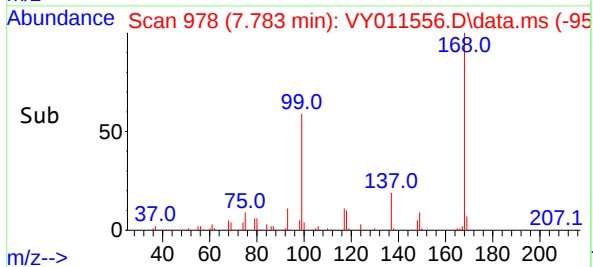
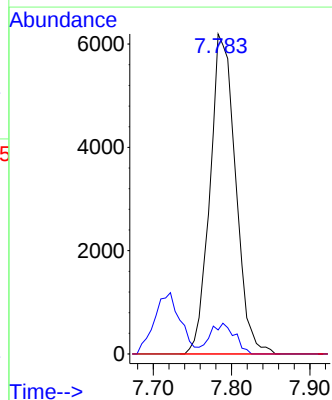
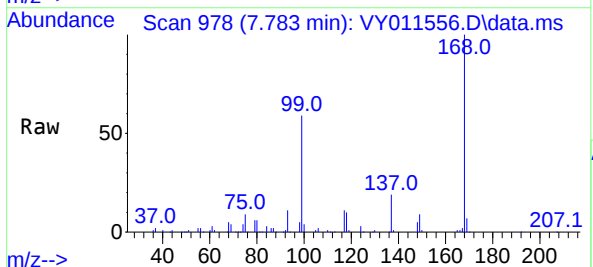


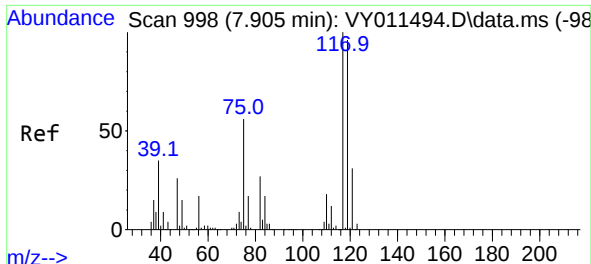
Tgt Ion:113 Resp: 110698
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.281 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

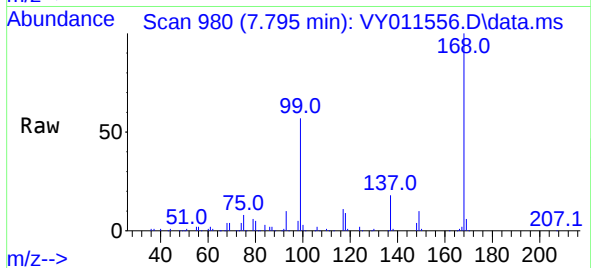
Tgt Ion: 75 Resp: 14064
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



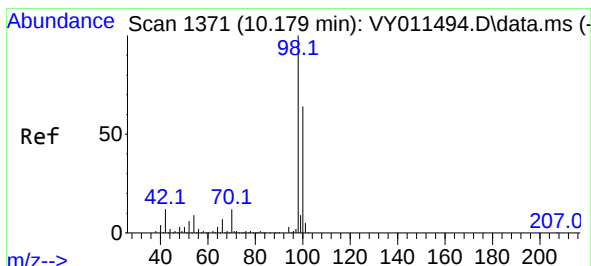
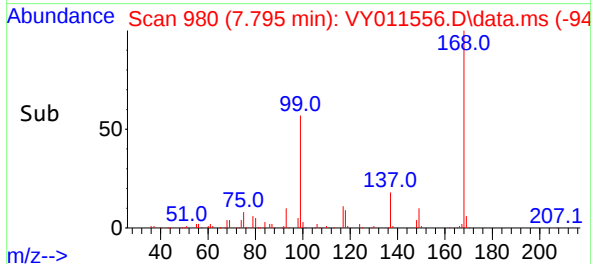
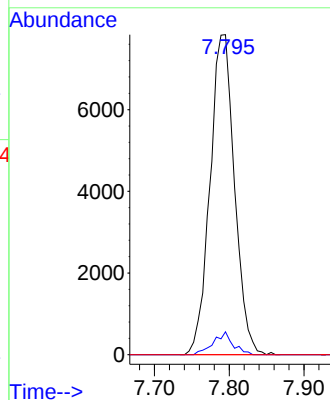


#38
Carbon Tetrachloride
Concen: 4.872 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Instrument :
MSVOA_Y
ClientSampleId :

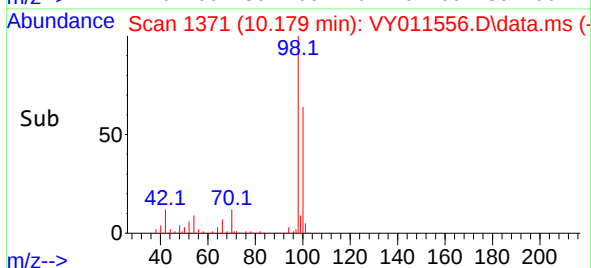
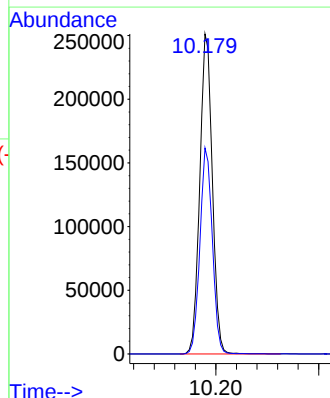
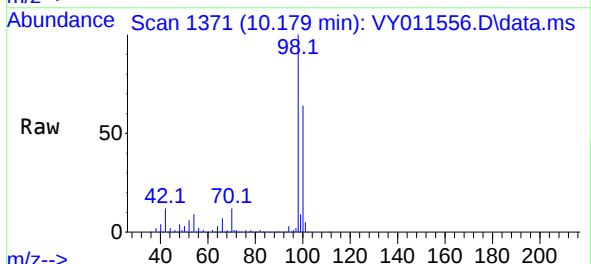


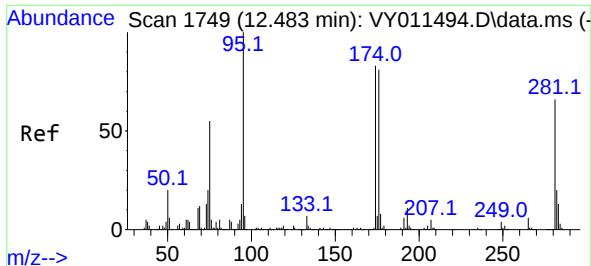
Tgt Ion:117 Resp: 17910
Ion Ratio Lower Upper
117 100
119 7.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.714 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Tgt Ion: 98 Resp: 425550
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

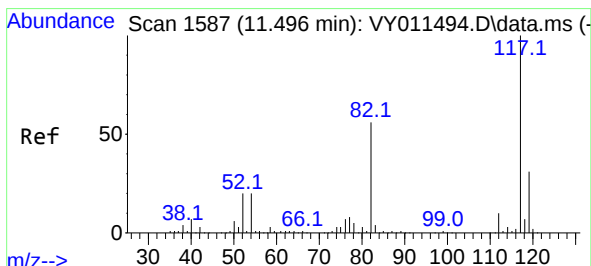
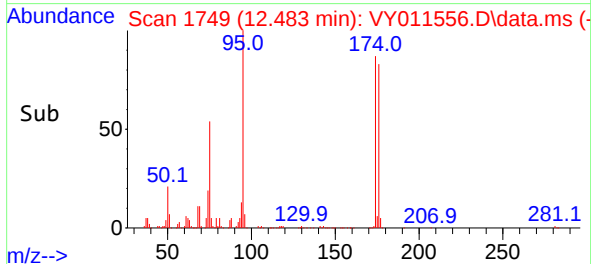
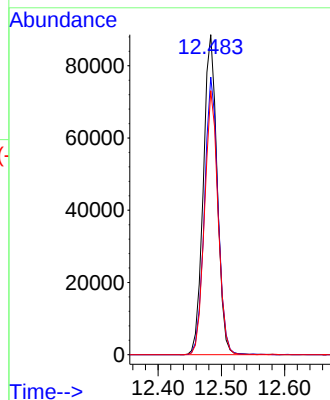
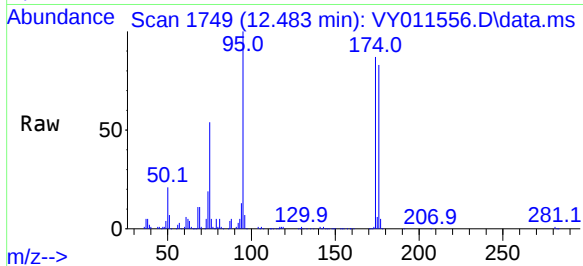




#62
4-Bromofluorobenzene
Concen: 47.728 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

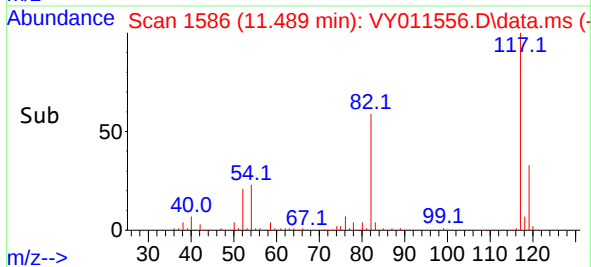
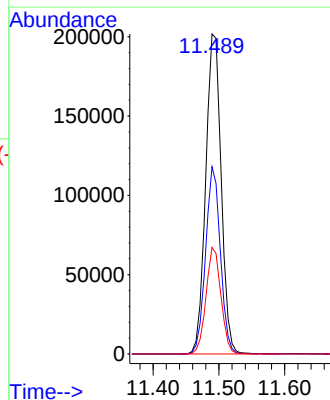
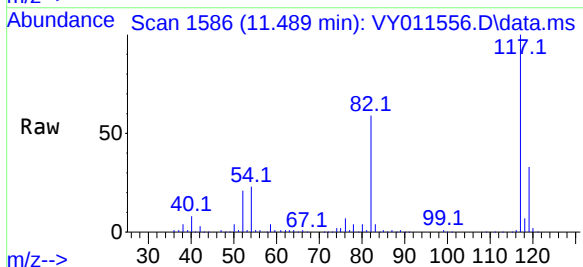
Instrument :
MSVOA_Y
ClientSampleId :

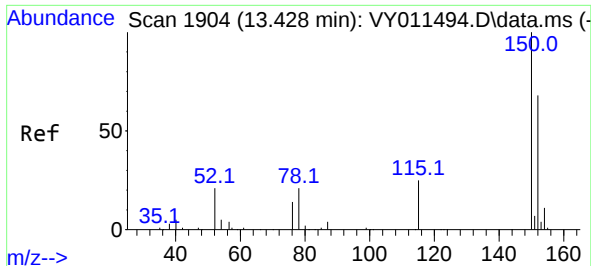
Tgt Ion: 95 Resp: 134787
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 80.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Tgt Ion: 117 Resp: 330822
Ion Ratio Lower Upper
117 100
82 58.5 43.0 64.4
119 33.3 25.4 38.0

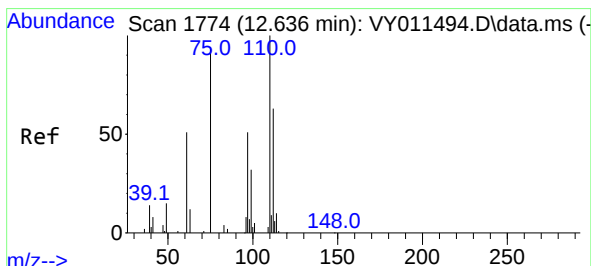
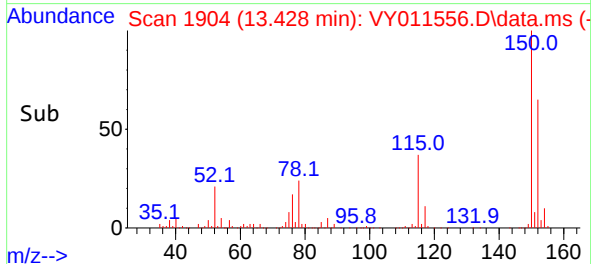
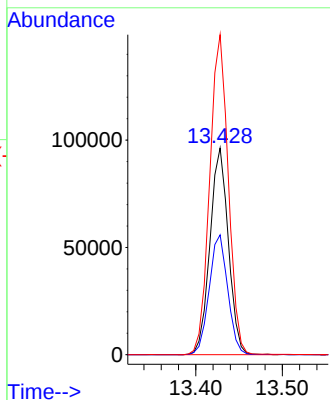
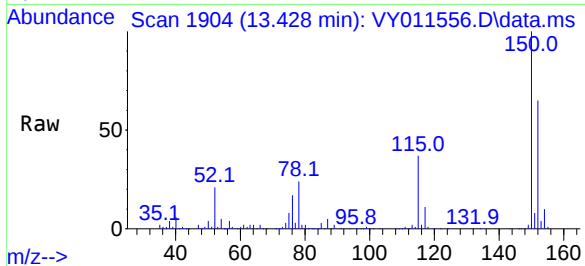




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

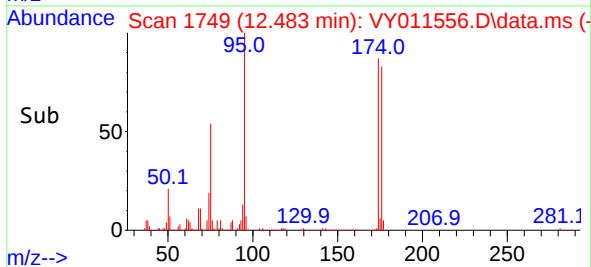
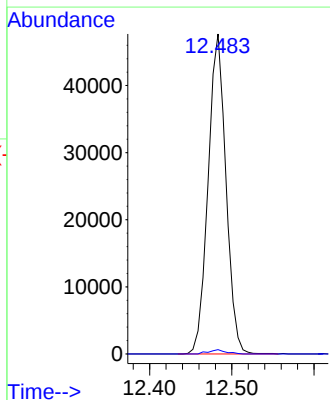
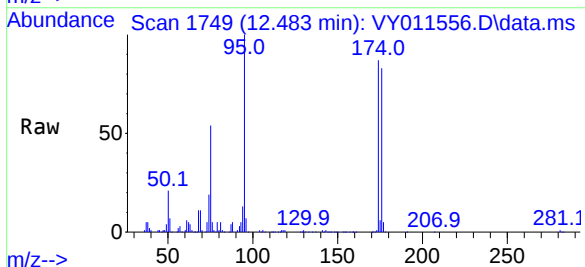
Instrument :
MSVOA_Y
ClientSampleId :

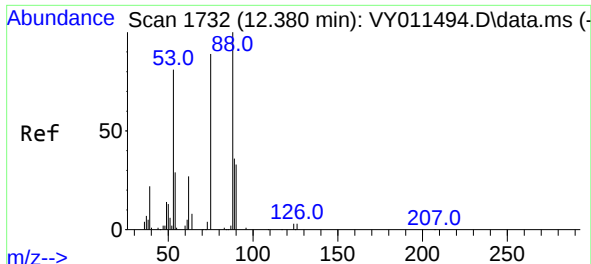
Tgt Ion:152 Resp: 142130
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 156.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Tgt Ion: 75 Resp: 71986
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

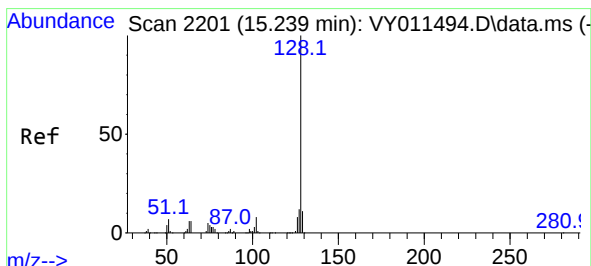
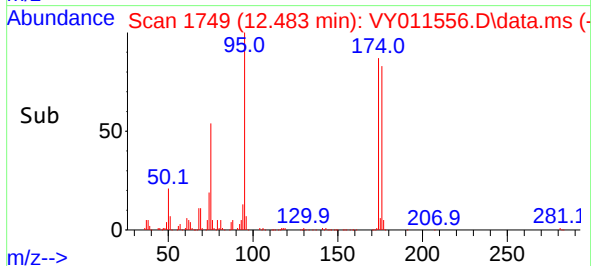
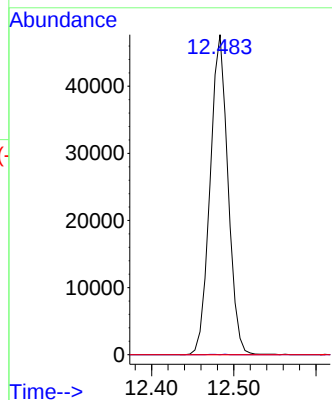
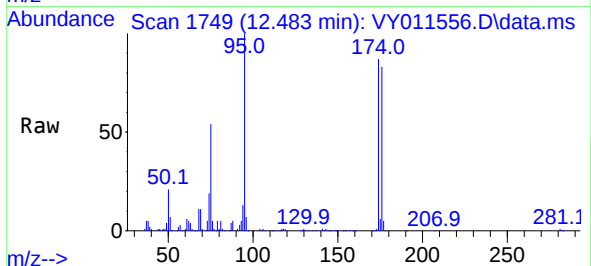




#81
trans-1,4-Dichloro-2-butene
Concen: 103.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71986
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.088 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Tgt Ion:128 Resp: 369
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

