

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013622.D
 Acq On : 05 May 2023 13:58
 Operator : KP/MD
 Sample : 02608-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-227

Quant Time: May 08 00:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

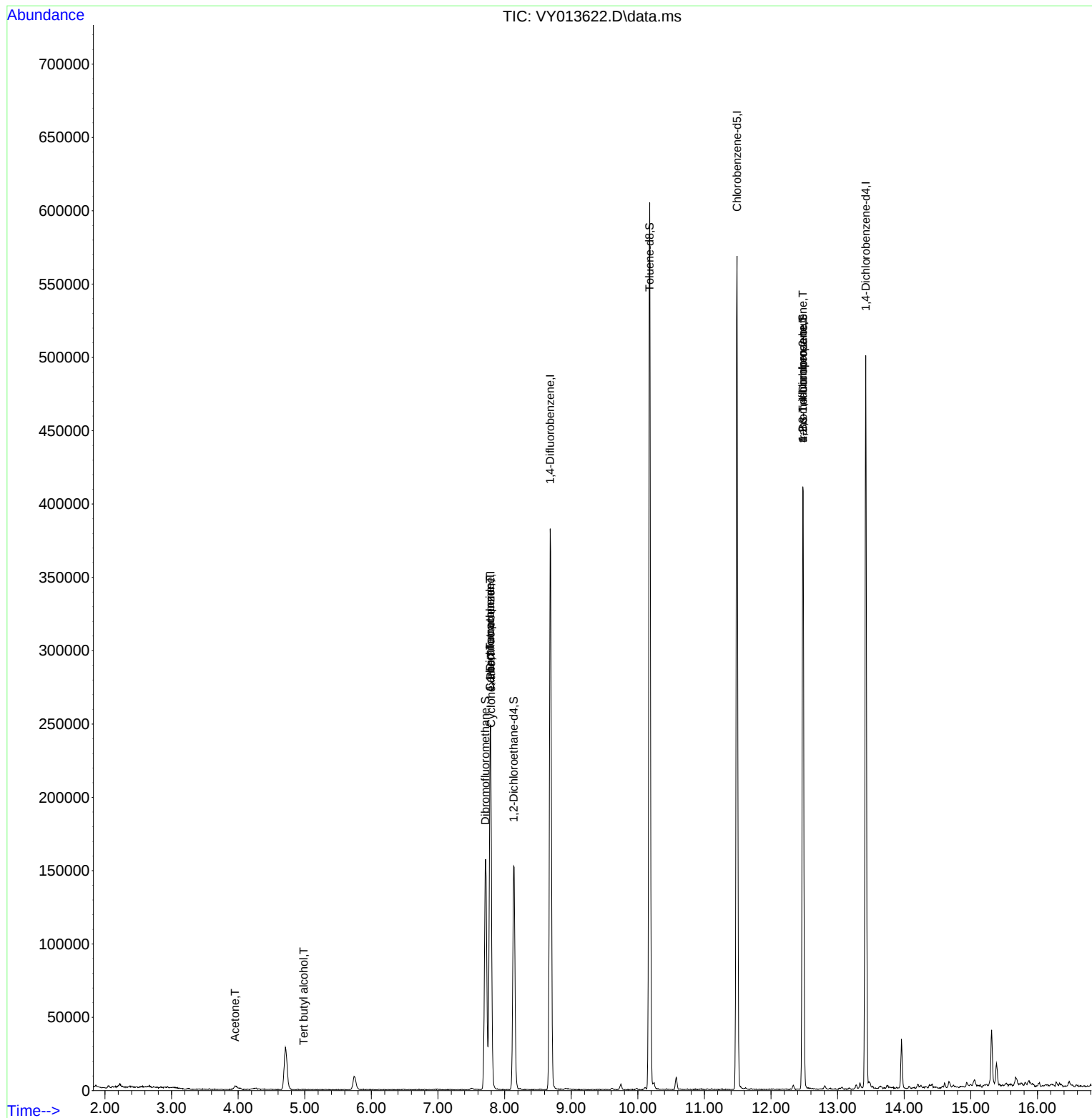
Internal Standards						
1) Pentafluorobenzene	7.789	168	195709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127081	59.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.460%	
35) Dibromofluoromethane	7.710	113	109313	54.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.179	98	389885	54.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.477	95	117710	48.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	101	1.067	ug/l #	89
13) Acrolein	3.735	56	43	Below Cal	#	16
16) Acetone	3.954	43	5396	6.387	ug/l #	68
31) Cyclohexane	7.795	56	4341	1.130	ug/l #	35
36) 1,1-Dichloropropene	7.783	75	14754	4.412	ug/l #	49
38) Carbon Tetrachloride	7.783	117	19396	5.534	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	61026	35.473	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61026	72.561	ug/l #	13

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

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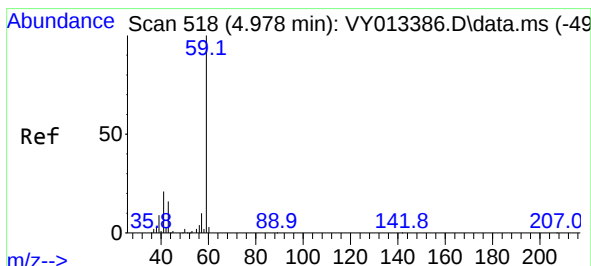
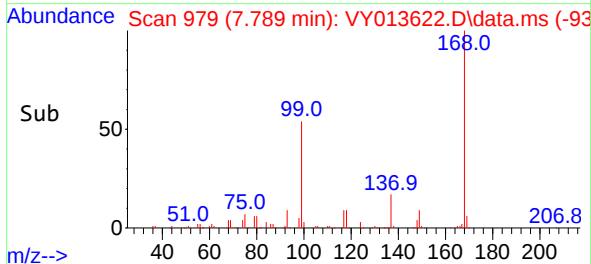
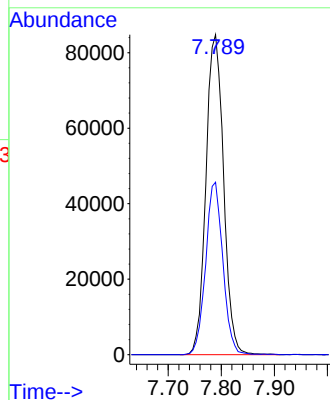
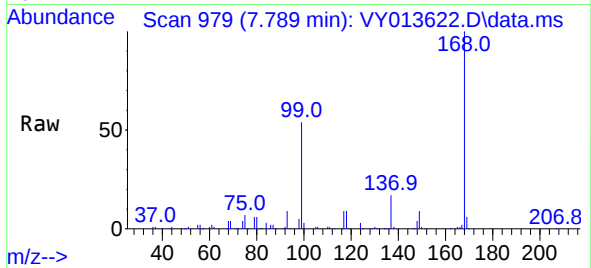




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

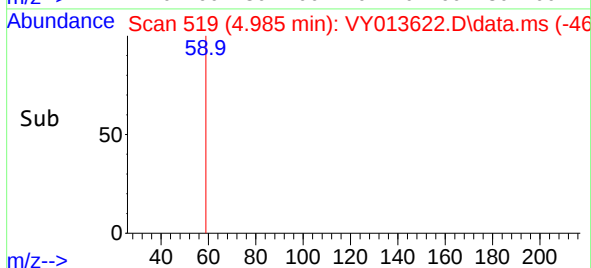
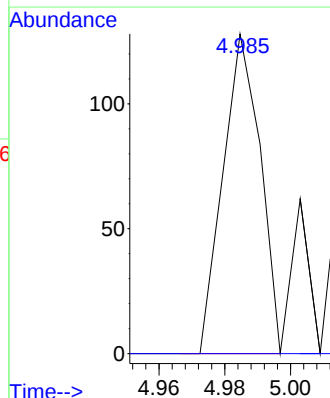
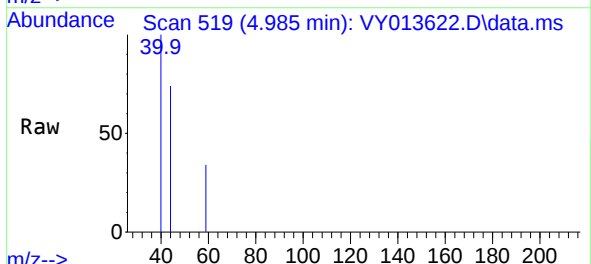
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

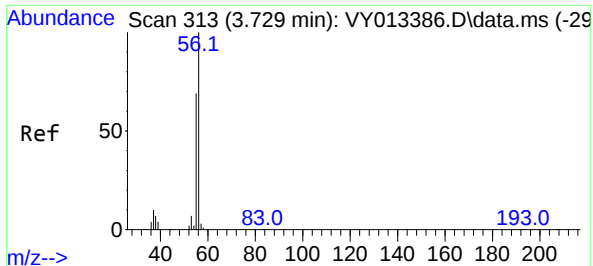
Tgt Ion:168 Resp: 195709
Ion Ratio Lower Upper
168 100
99 53.9 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.067 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.007 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

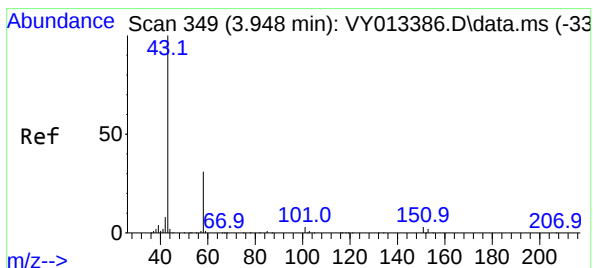
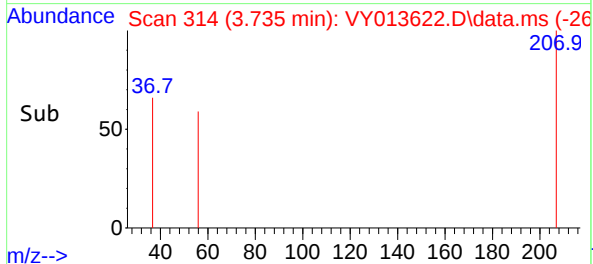
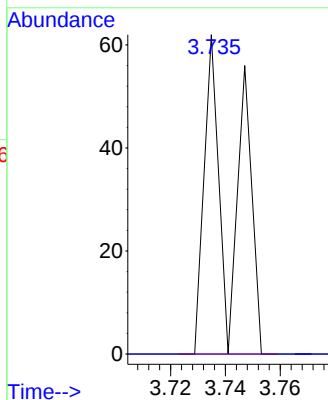
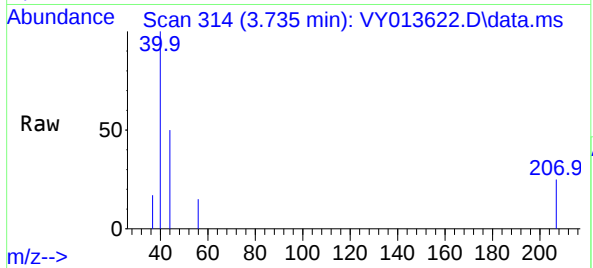




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

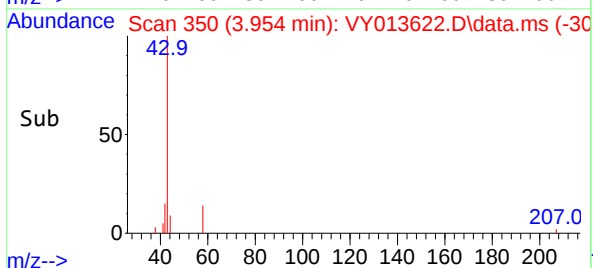
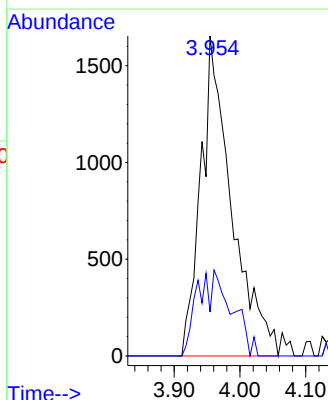
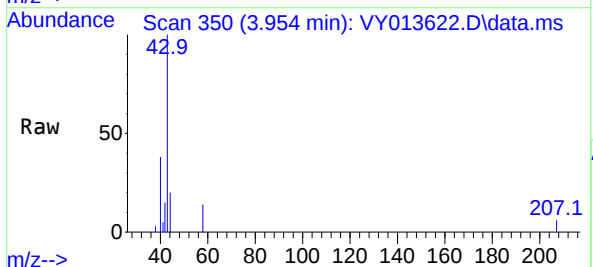
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

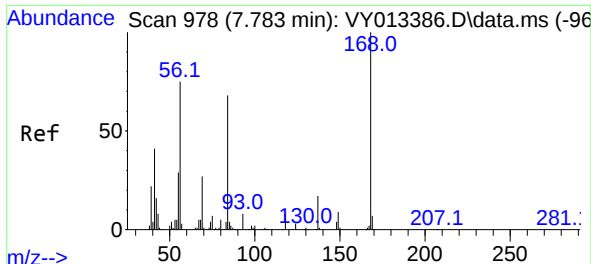
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 6.387 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Tgt Ion: 43 Resp: 5396
Ion Ratio Lower Upper
43 100
58 13.7 25.4 38.0#

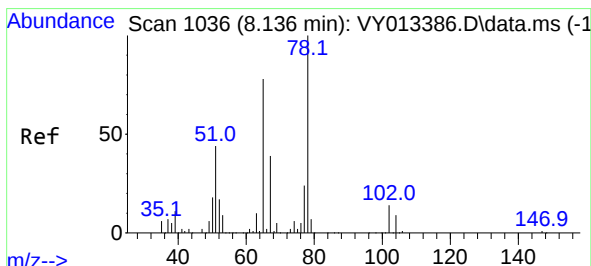
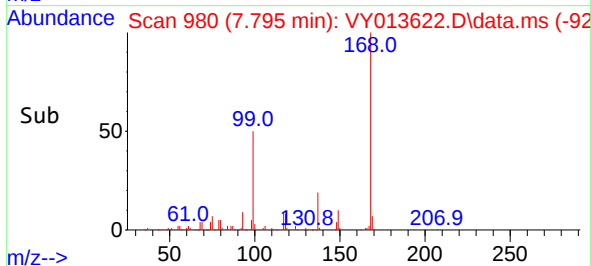
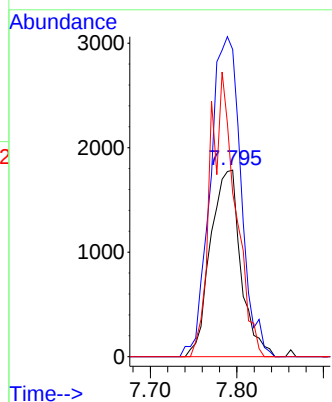
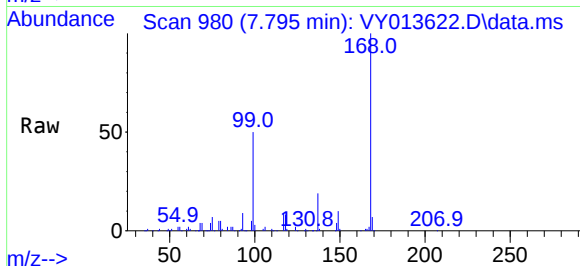




#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

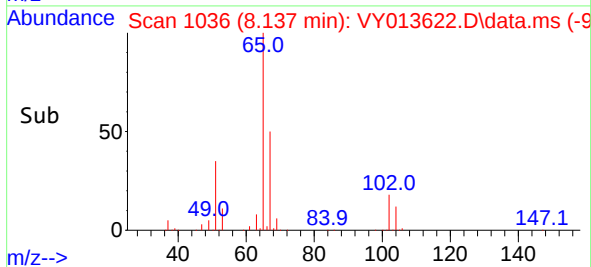
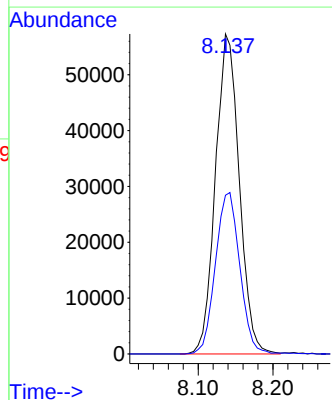
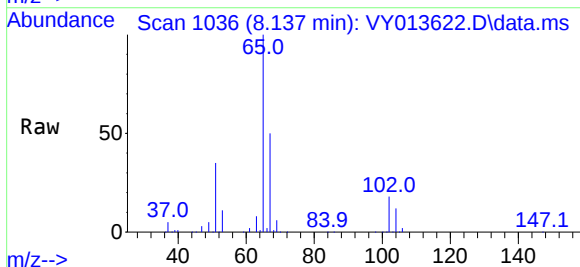
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

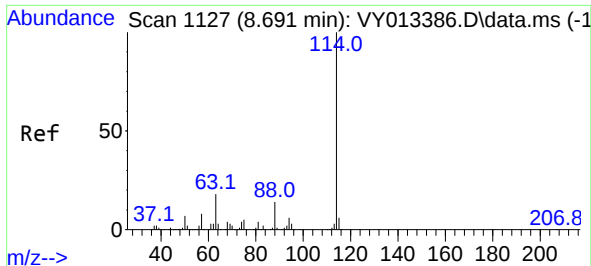
Tgt Ion: 56 Resp: 4341
Ion Ratio Lower Upper
56 100
69 164.6 29.2 43.8#
84 87.7 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 59.234 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Tgt Ion: 65 Resp: 127081
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4



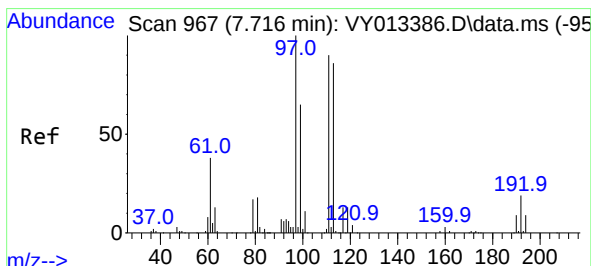
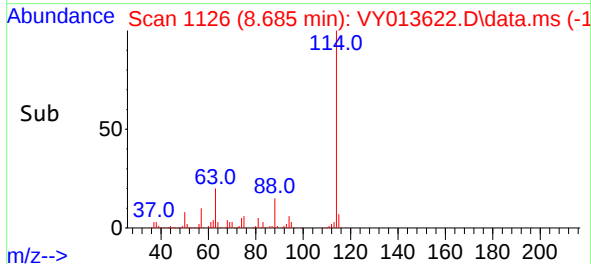
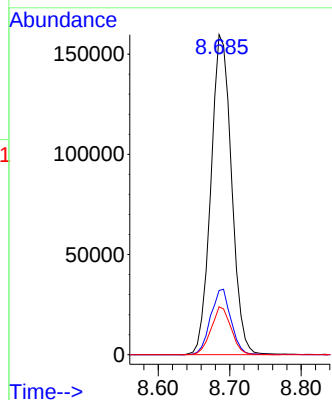
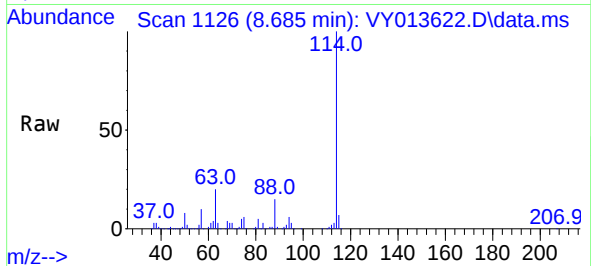


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

Tgt Ion:114 Resp: 320374

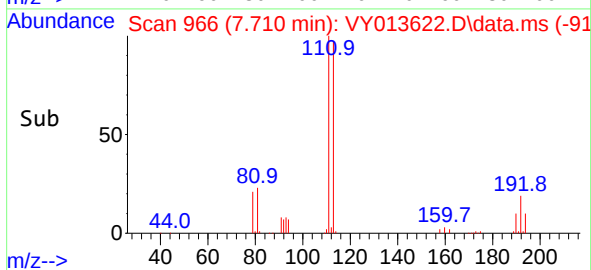
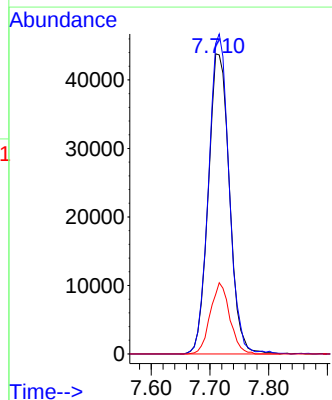
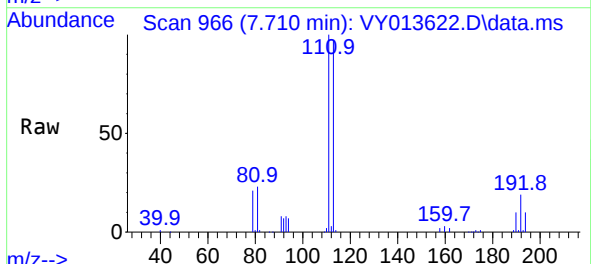
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	36.6
88	15.0	0.0	28.8

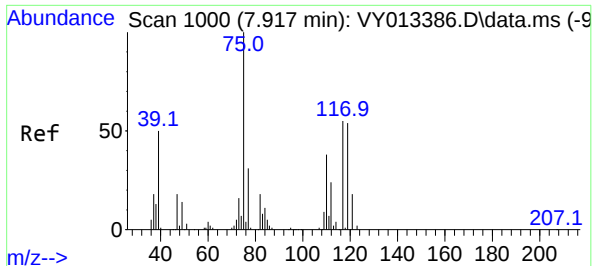


#35
Dibromofluoromethane
Concen: 54.249 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Tgt Ion:113 Resp: 109313

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	21.9	16.7	25.1

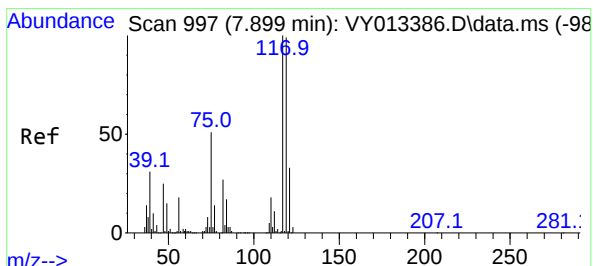
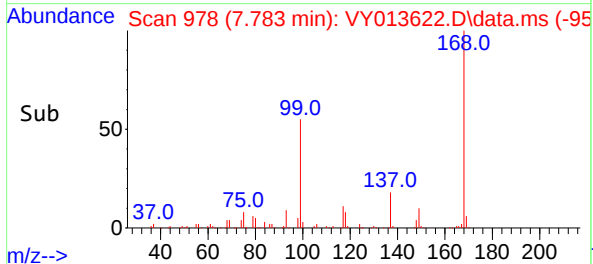
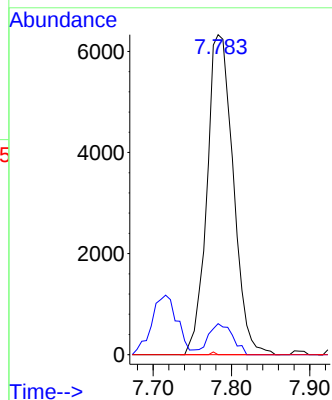
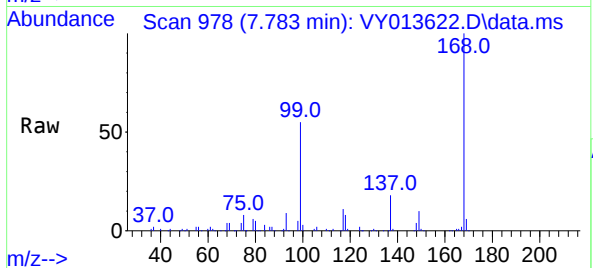




#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

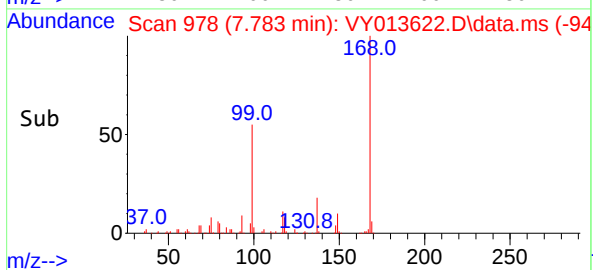
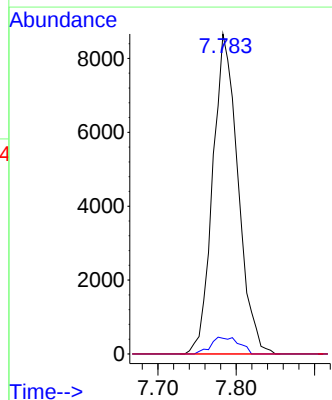
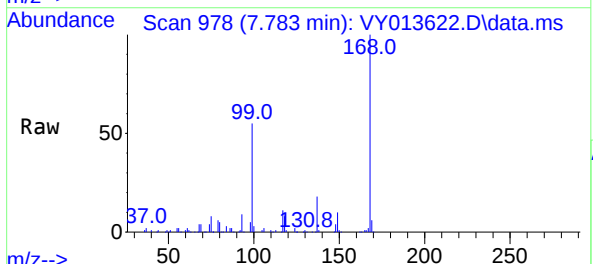
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

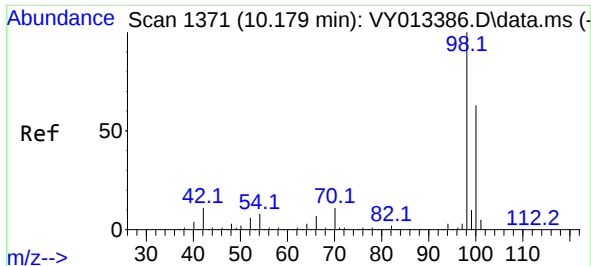
Tgt Ion: 75 Resp: 14754
Ion Ratio Lower Upper
75 100
110 9.0 18.7 56.1#
77 0.1 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.534 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Tgt Ion: 117 Resp: 19396
Ion Ratio Lower Upper
117 100
119 4.9 79.0 118.6#
121 0.0 26.6 40.0#

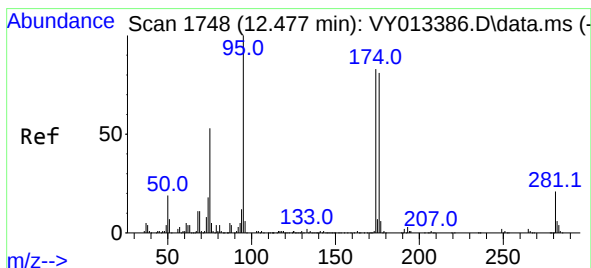
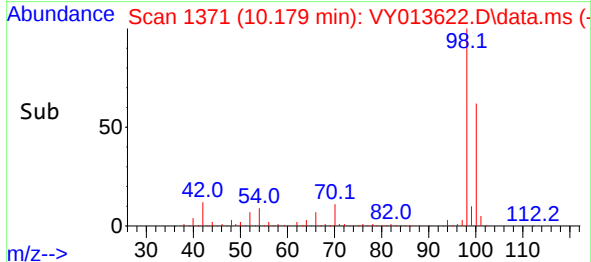
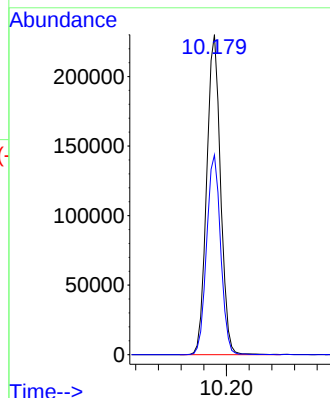
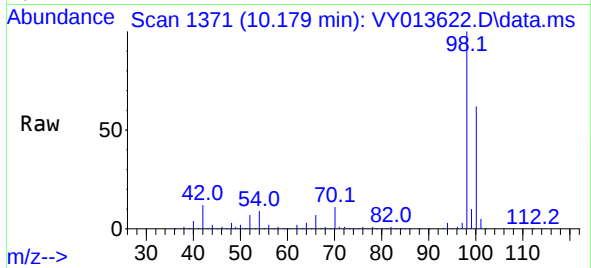




#50
Toluene-d8
Concen: 54.391 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

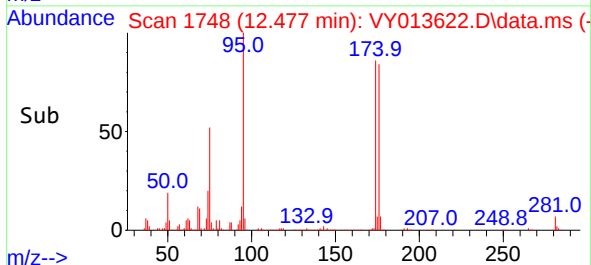
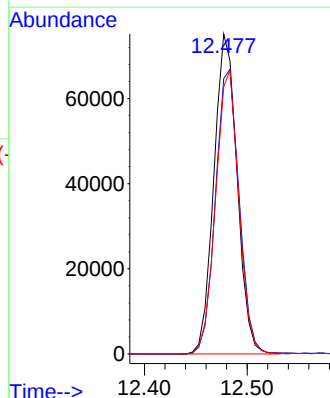
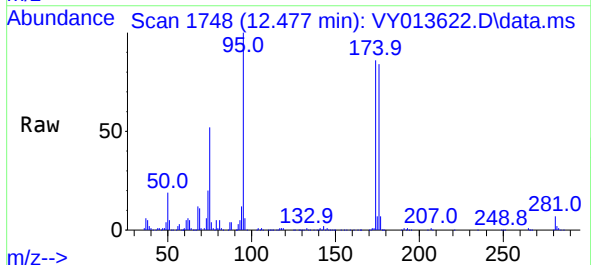
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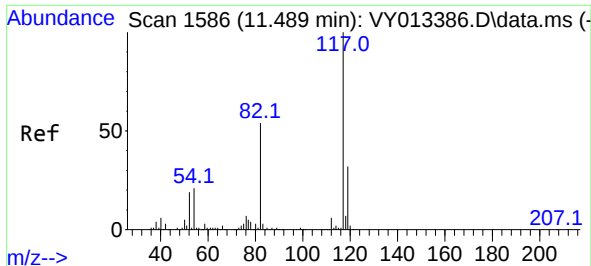
Tgt Ion: 98 Resp: 389885
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 48.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Tgt Ion: 95 Resp: 117710
Ion Ratio Lower Upper
95 100
174 90.7 0.0 182.0
176 88.6 0.0 175.4

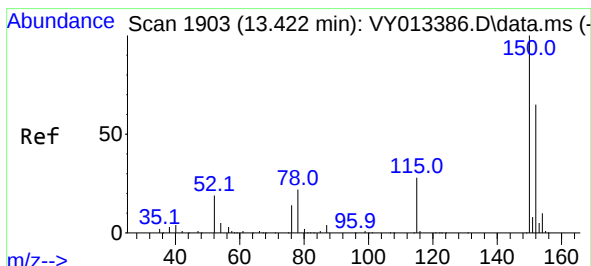
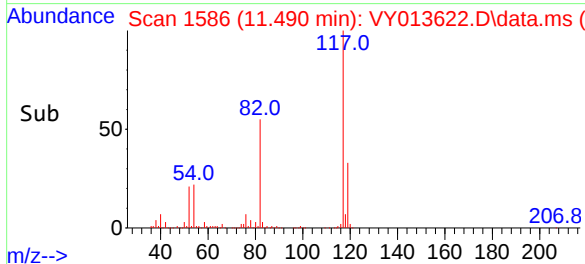
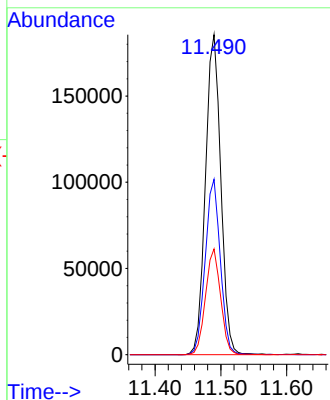
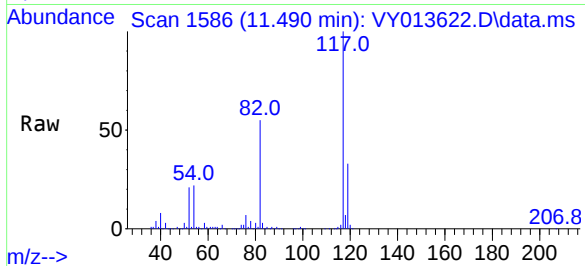




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

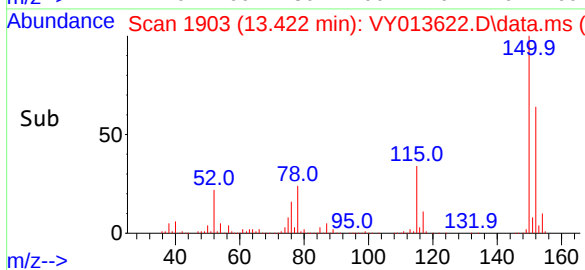
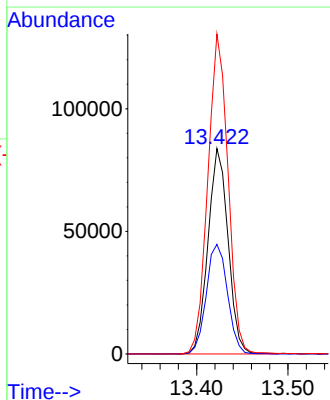
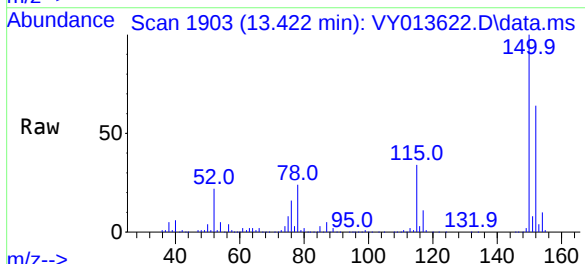
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

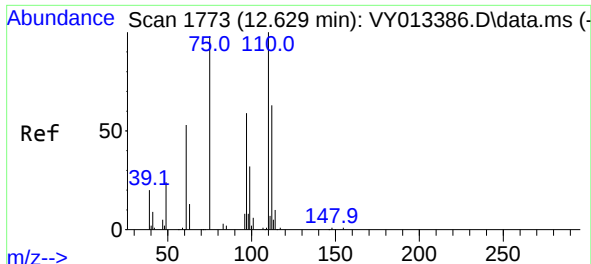
Tgt Ion:117 Resp: 301535
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.6
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Tgt Ion:152 Resp: 127565
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 156.9 0.0 352.0

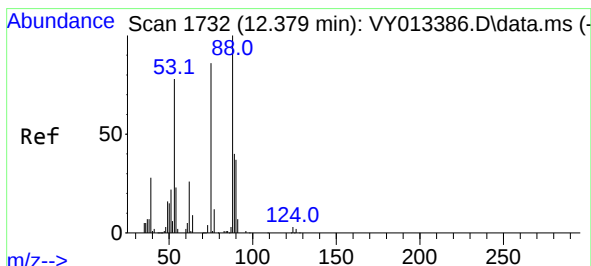
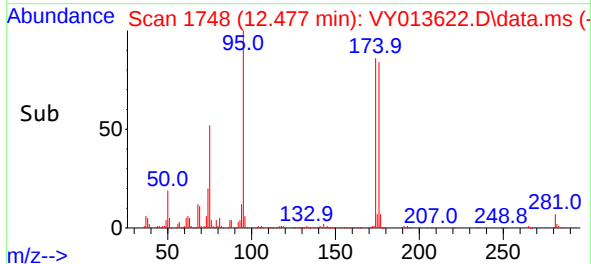
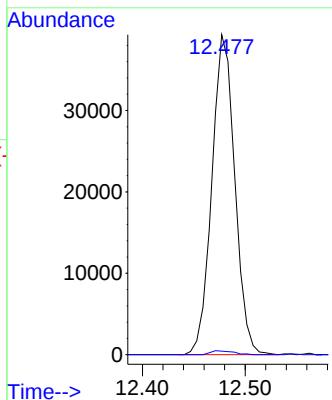
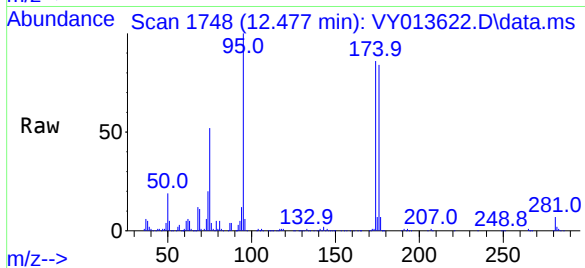




#76
1,2,3-Trichloropropane
Concen: 35.473 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-227

Tgt Ion: 75 Resp: 61026
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.561 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013622.D
Acq: 05 May 2023 13:58

Tgt Ion: 75 Resp: 61026
Ion Ratio Lower Upper
75 100
53 0.1 73.2 109.8#
89 0.0 38.0 57.0#

