

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011587.D
 Acq On : 23 Nov 2022 19:52
 Operator : KP/MD
 Sample : N5772-04
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:39:58 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)

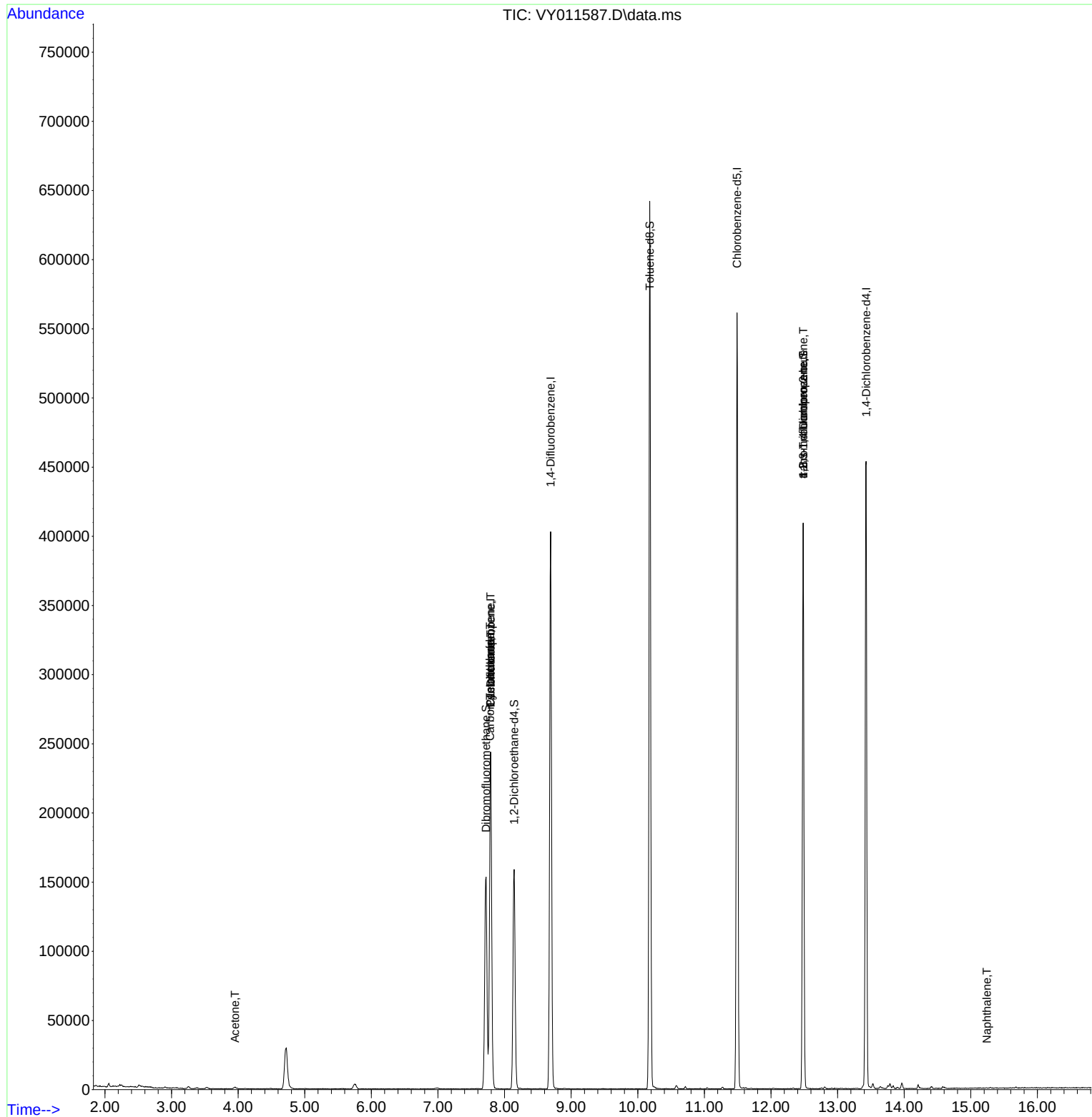
Internal Standards						
1) Pentafluorobenzene	7.789	168	178360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124842	68.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.860%	
35) Dibromofluoromethane	7.722	113	108963	53.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.179	98	403223	54.619	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.240%	
62) 4-Bromofluorobenzene	12.483	95	116866	42.816	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52	Below Cal	#	43
3) Chloromethane	2.113	50	185	Below Cal	#	44
5) Bromomethane	2.662	94	78	Below Cal	#	4
11) Tert butyl alcohol	4.960	59	407	Below Cal	#	77
16) Acetone	3.954	43	2205	3.748	ug/l #	86
18) Methyl Acetate	4.491	43	393	Below Cal	#	56
20) Methylene Chloride	4.716	84	22083	Below Cal		88
31) Cyclohexane	7.789	56	4219	1.405	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14482	4.560	ug/l #	51
38) Carbon Tetrachloride	7.783	117	18511	5.210	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	62729	48.973	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62729	107.268	ug/l #	7
95) Naphthalene	15.239	128	161	4.055	ug/l #	69

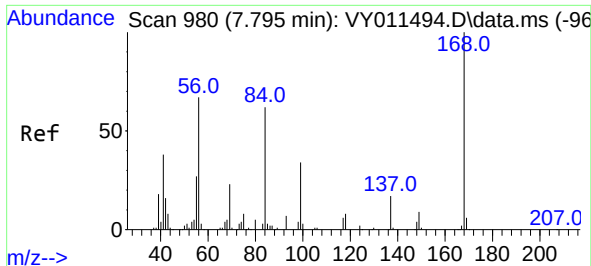
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
Data File : VY011587.D
Acq On : 23 Nov 2022 19:52
Operator : KP/MD
Sample : N5772-04
Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

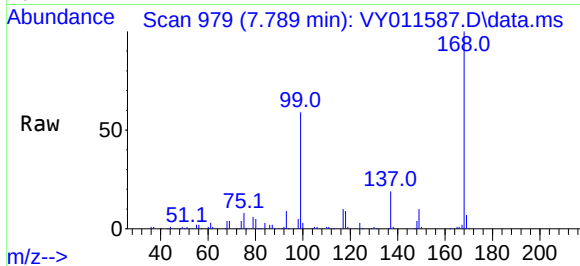
Quant Time: Nov 24 00:39:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



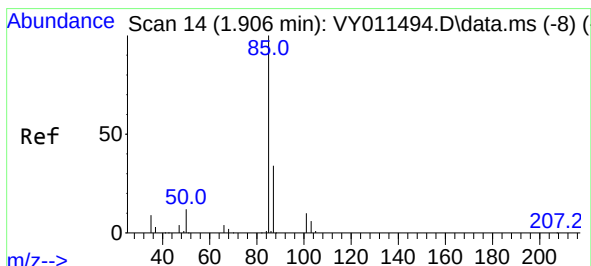
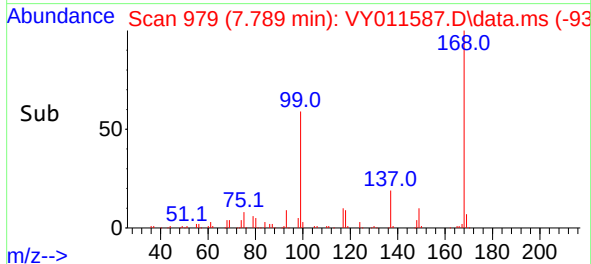
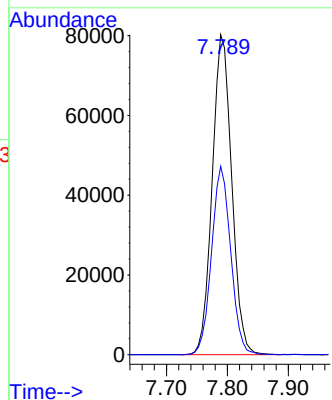


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Instrument :
MSVOA_Y
ClientSampleId :

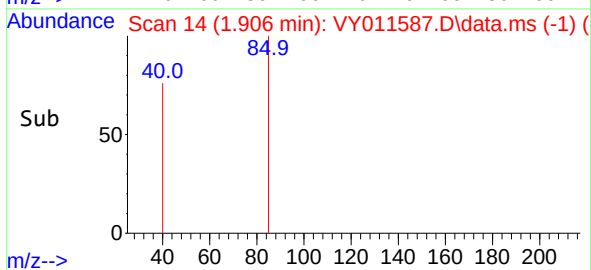
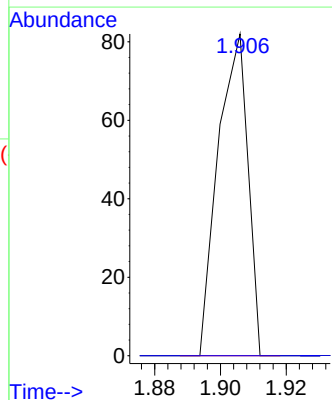
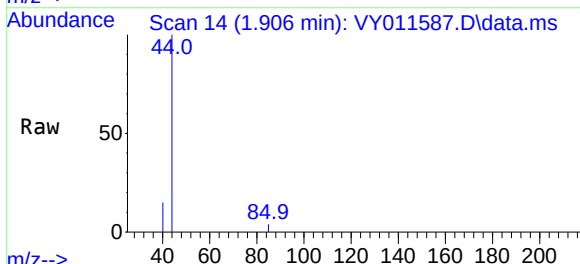


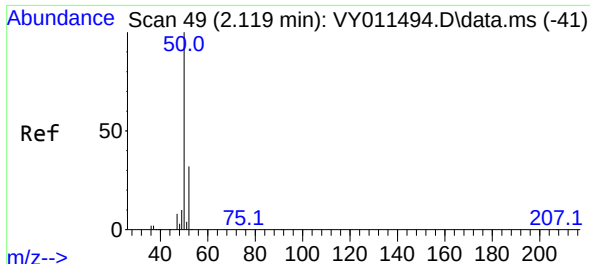
Tgt Ion:168 Resp: 178360
Ion Ratio Lower Upper
168 100
99 58.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

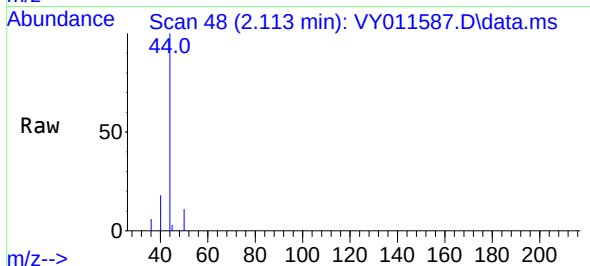
Tgt Ion: 85 Resp: 52
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



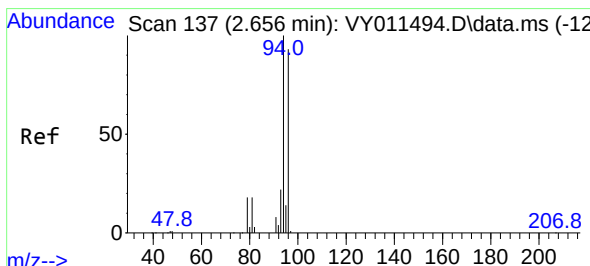
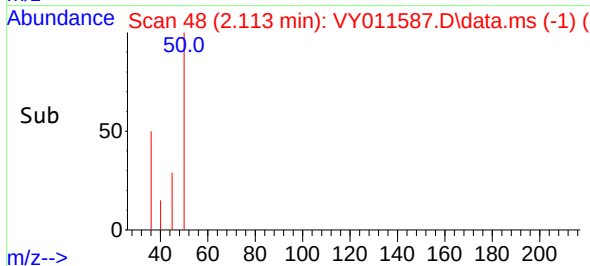
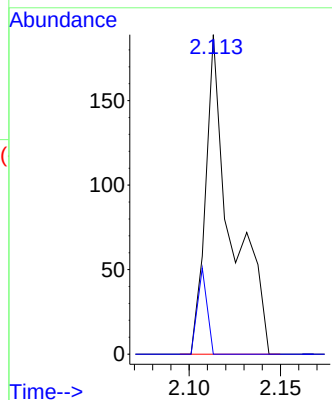


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Instrument :
MSVOA_Y
ClientSampleId :

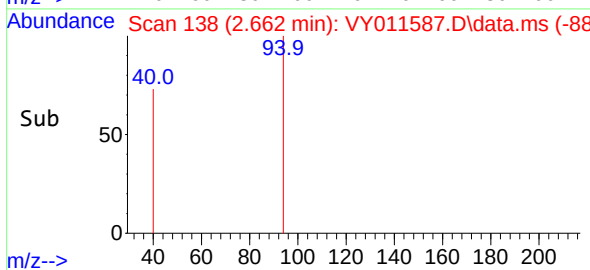
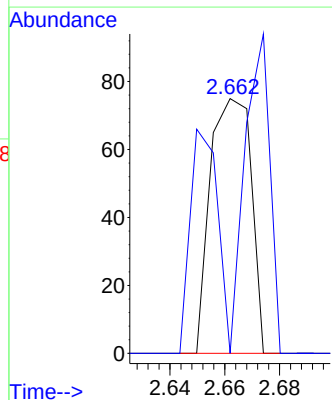
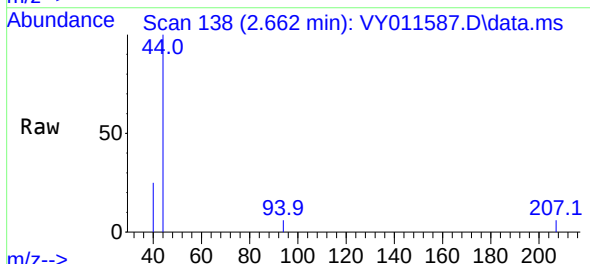


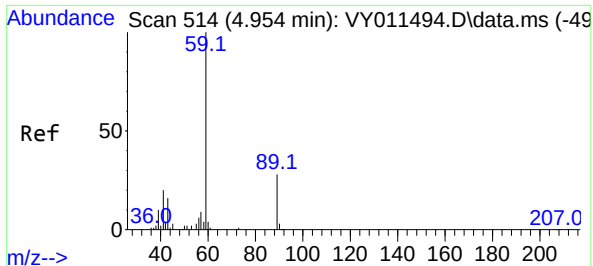
Tgt Ion: 50 Resp: 185
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Tgt Ion: 94 Resp: 78
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 51

Delta R.T. 0.006 min

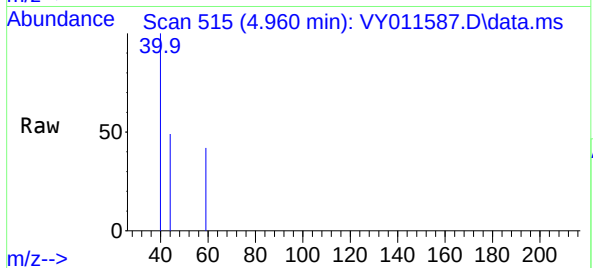
Lab File: VY011587.D

Acq: 23 Nov 2022 19:52

Instrument :

MSVOA_Y

ClientSampleId :

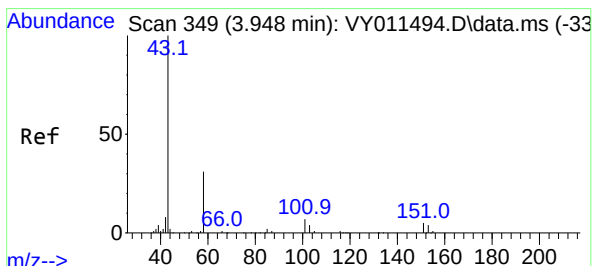
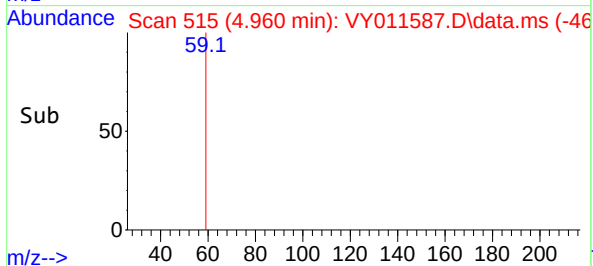
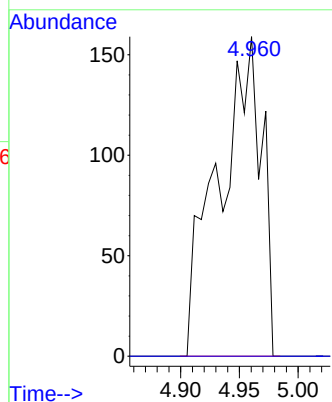


Tgt Ion: 59 Resp: 407

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.748 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY011587.D

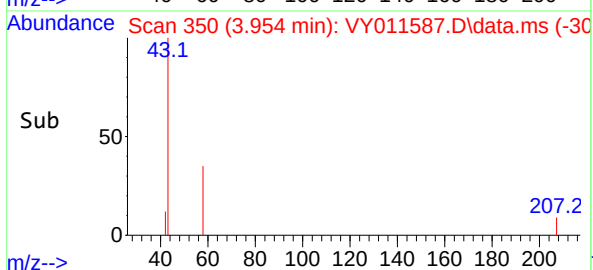
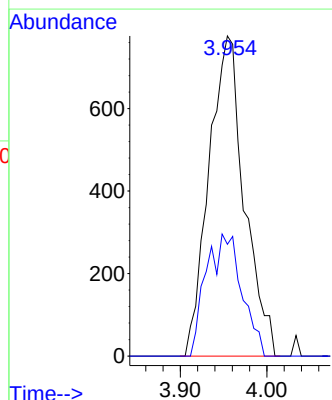
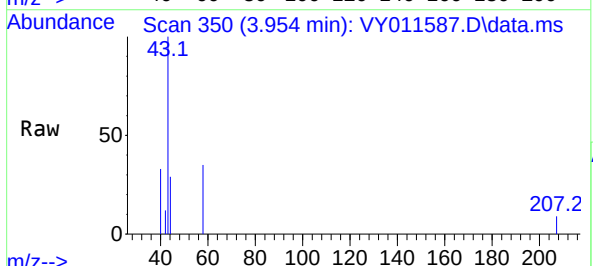
Acq: 23 Nov 2022 19:52

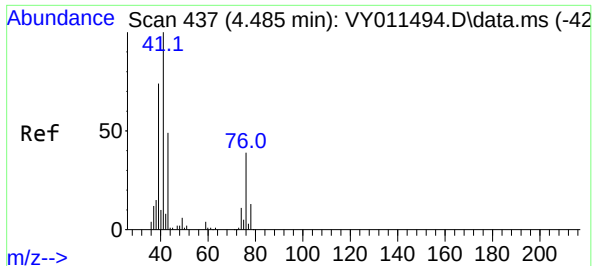
Tgt Ion: 43 Resp: 2205

Ion Ratio Lower Upper

43 100

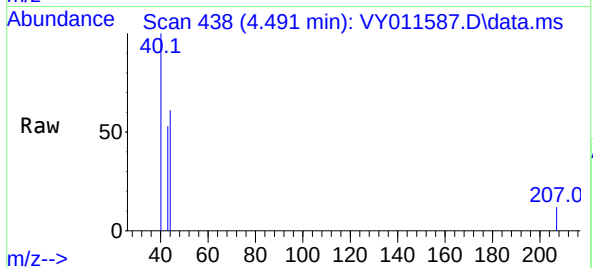
58 34.9 22.0 33.0#



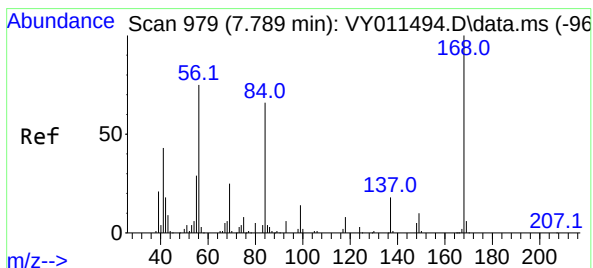
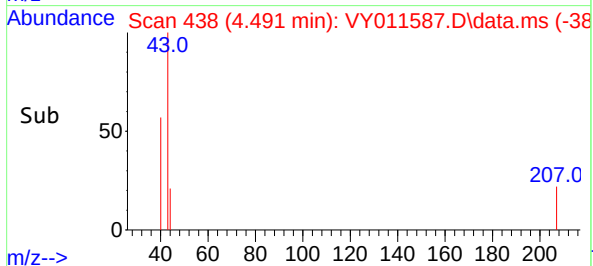
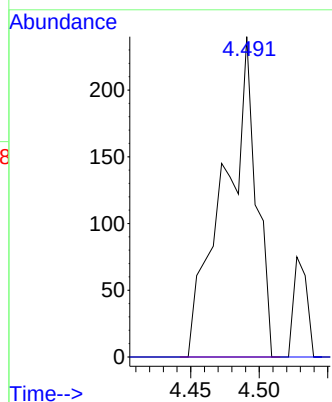


#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Instrument :
MSVOA_Y
ClientSampleId :

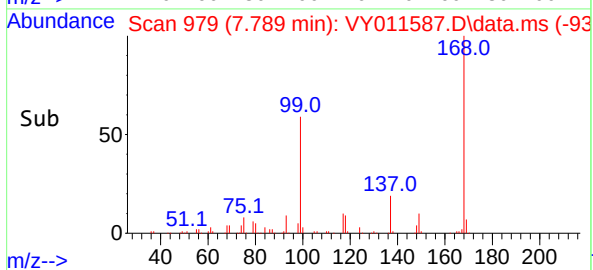
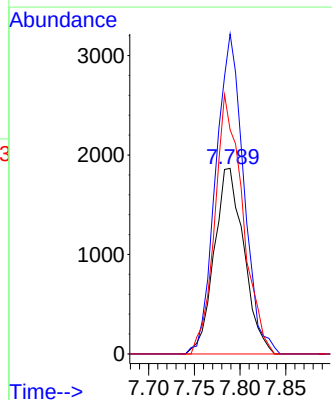
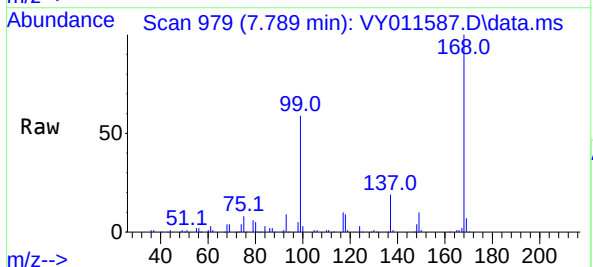


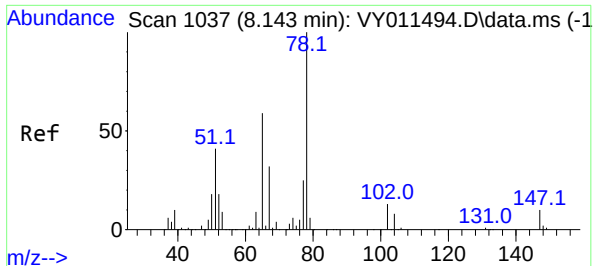
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Tgt Ion: 56 Resp: 4219
Ion Ratio Lower Upper
56 100
69 172.5 26.7 40.1#
84 120.8 67.2 100.8#

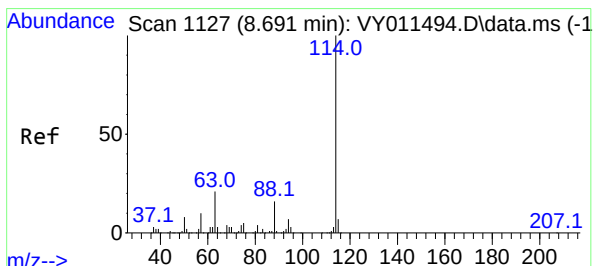
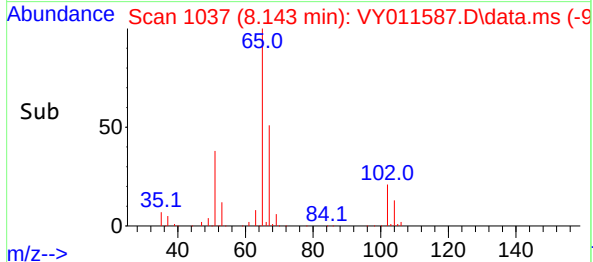
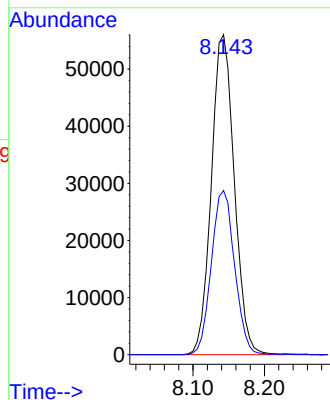
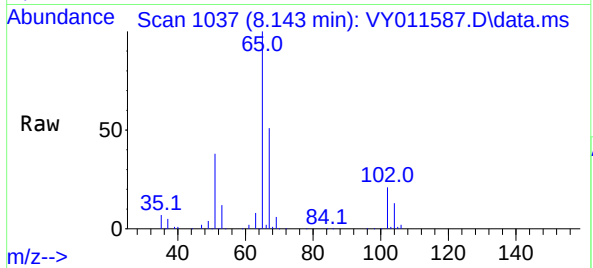




#33
1,2-Dichloroethane-d4
Concen: 68.933 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

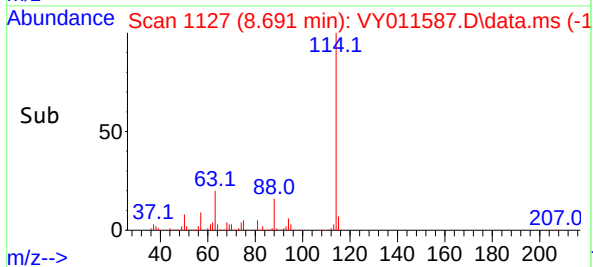
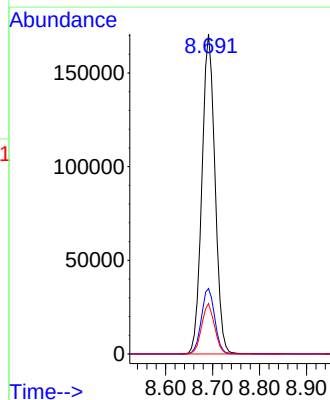
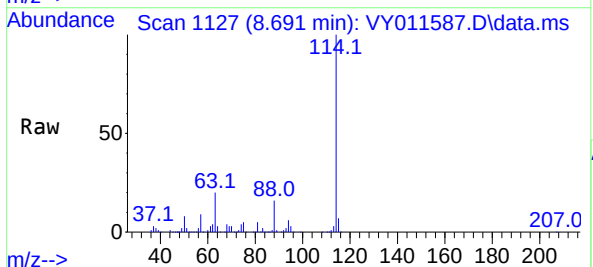
Instrument :
MSVOA_Y
ClientSampleId :

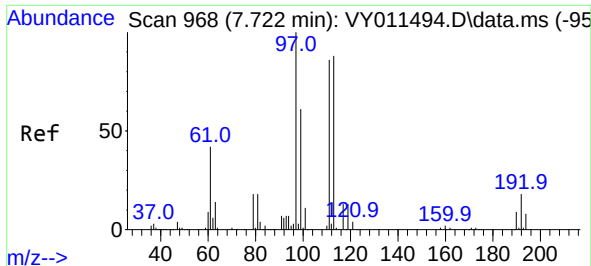
Tgt Ion: 65 Resp: 124842
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

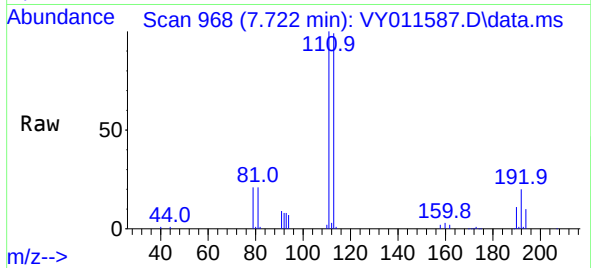
Tgt Ion: 114 Resp: 330015
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 15.8 0.0 31.8



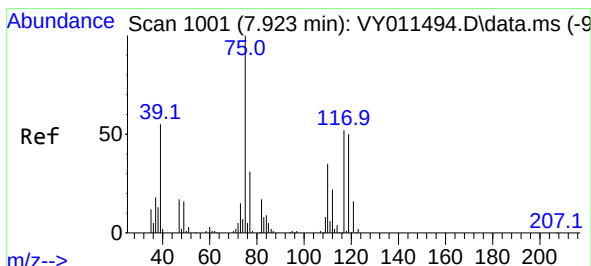
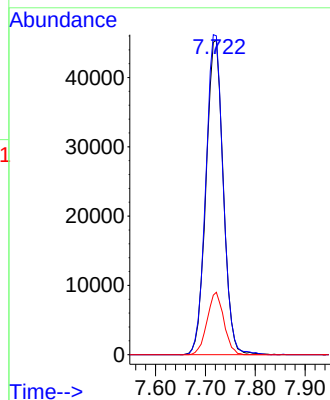
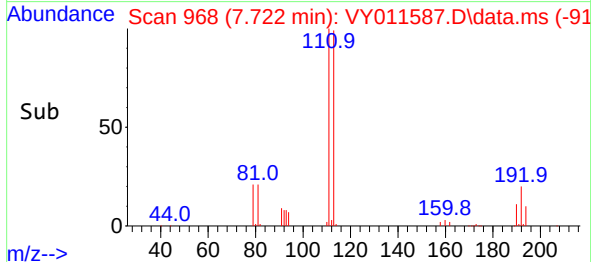


#35
Dibromofluoromethane
Concen: 53.635 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Instrument :
MSVOA_Y
ClientSampleId :

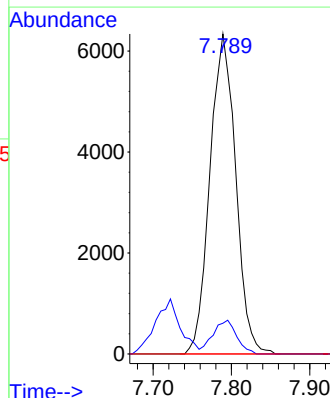
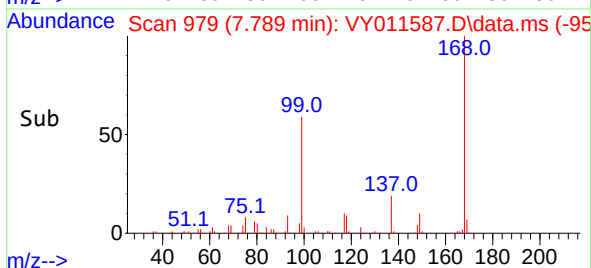
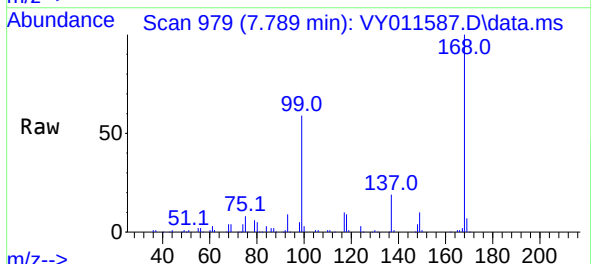


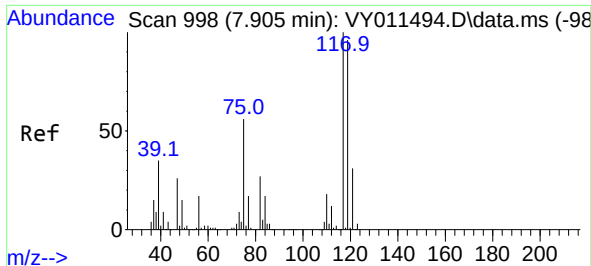
Tgt Ion:113 Resp: 108963
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

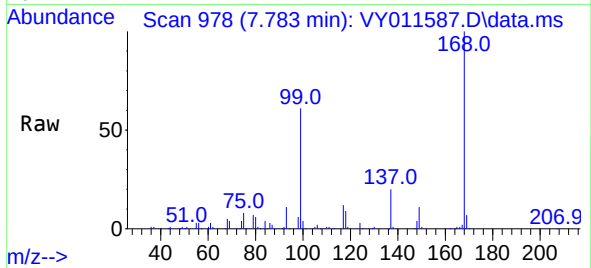
Tgt Ion: 75 Resp: 14482
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



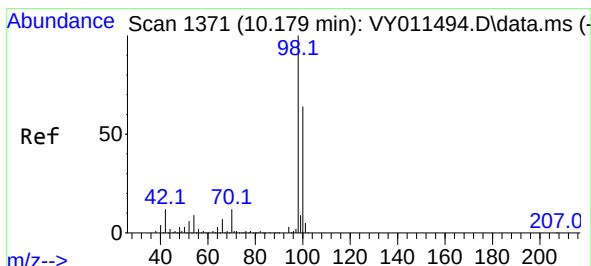
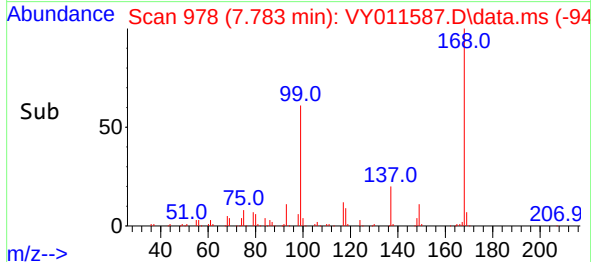
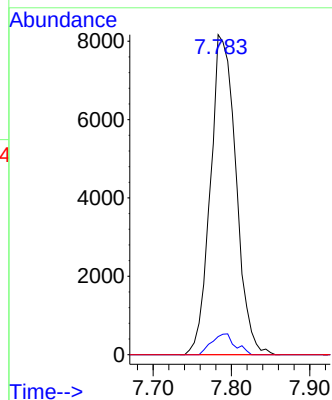


#38
Carbon Tetrachloride
Concen: 5.210 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Instrument :
MSVOA_Y
ClientSampleId :

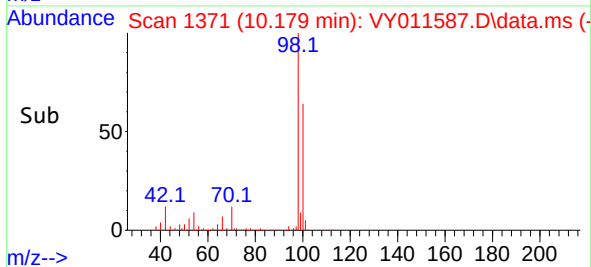
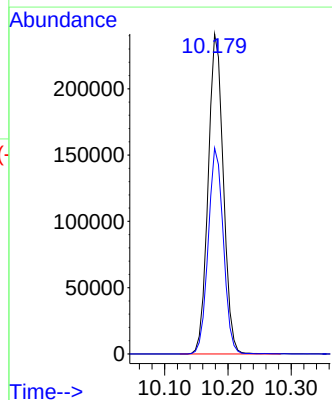
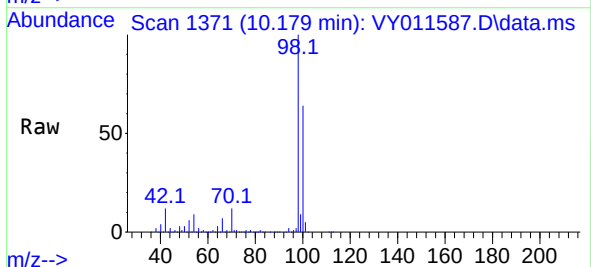


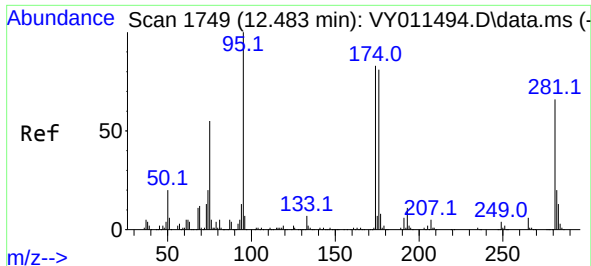
Tgt Ion:117 Resp: 18511
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.619 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Tgt Ion: 98 Resp: 403223
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

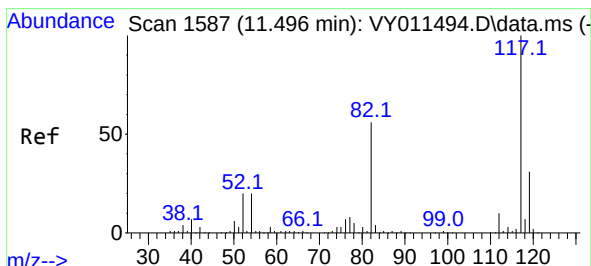
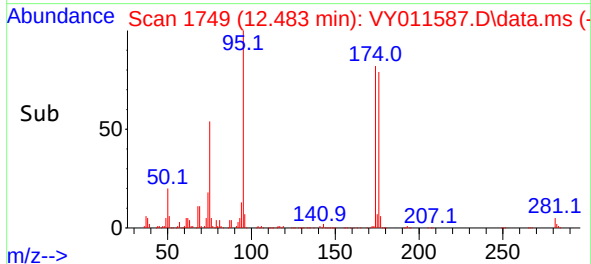
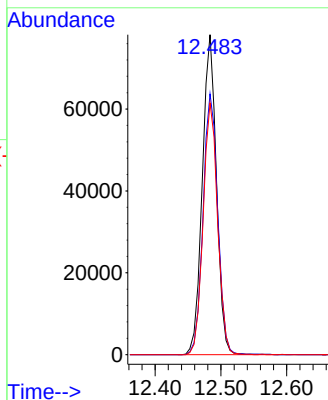
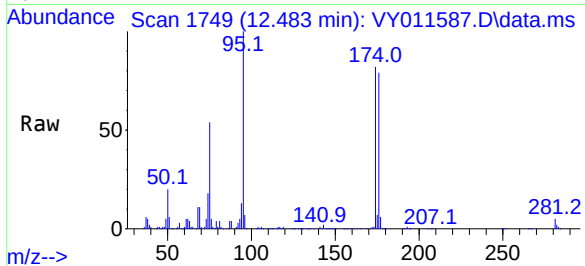




#62
4-Bromofluorobenzene
Concen: 42.816 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

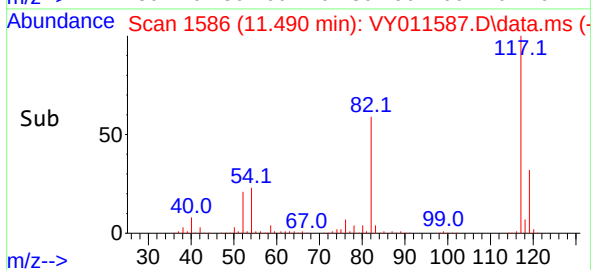
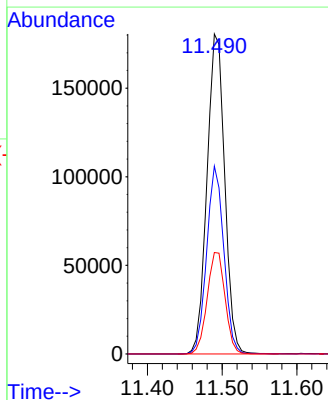
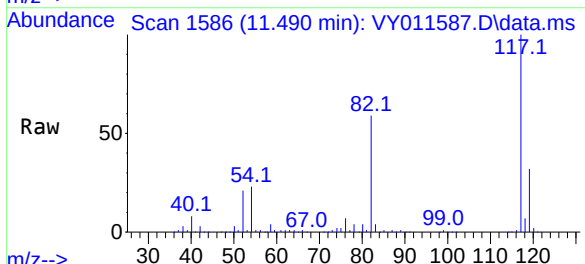
Instrument :
MSVOA_Y
ClientSampleId :

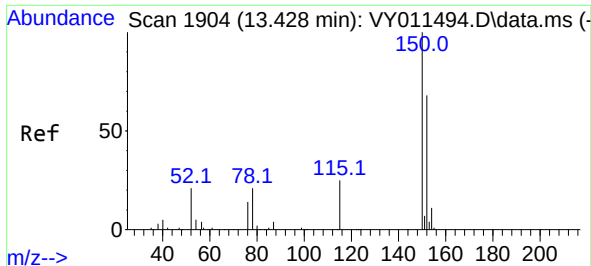
Tgt Ion: 95 Resp: 116866
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

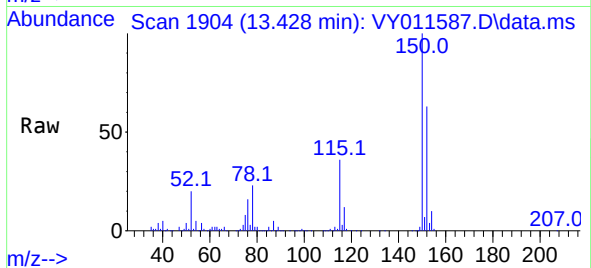
Tgt Ion: 117 Resp: 297365
Ion Ratio Lower Upper
117 100
82 58.7 43.0 64.4
119 31.7 25.4 38.0



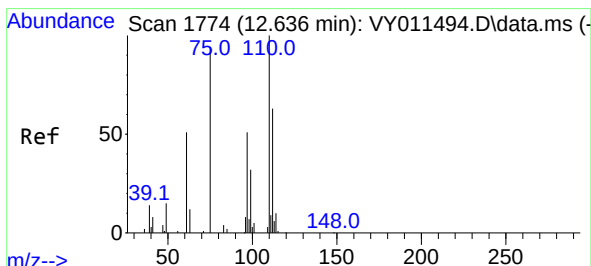
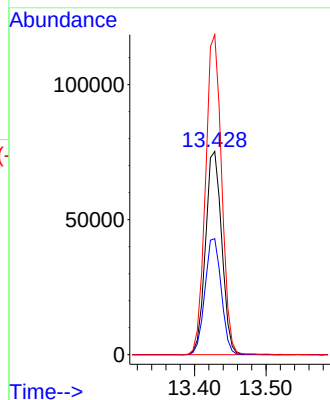
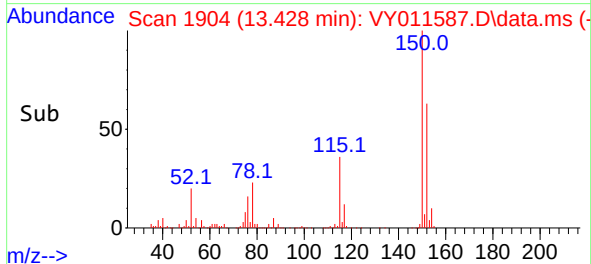


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011587.D
 Acq: 23 Nov 2022 19:52

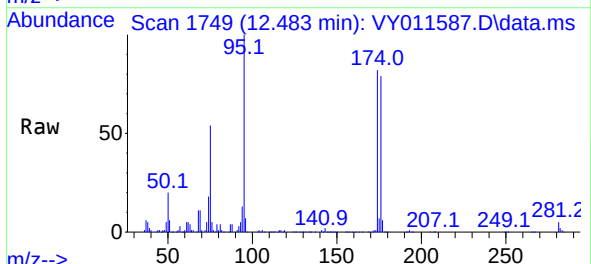
Instrument :
 MSVOA_Y
 ClientSampleId :



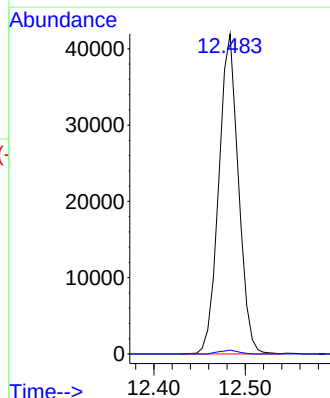
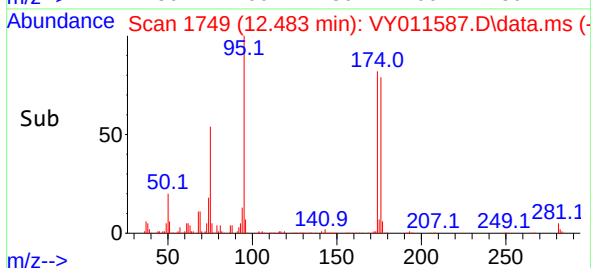
Tgt Ion:152 Resp: 118938
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.2 84.7
 150 156.1 0.0 347.6

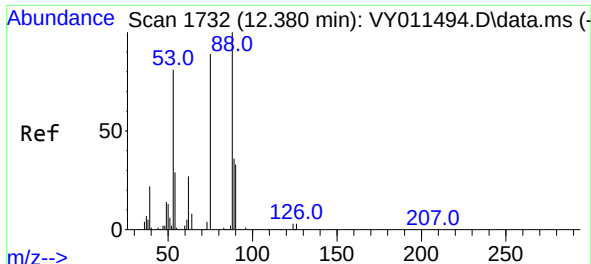


#76
 1,2,3-Trichloropropane
 Concen: 48.973 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011587.D
 Acq: 23 Nov 2022 19:52



Tgt Ion: 75 Resp: 62729
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

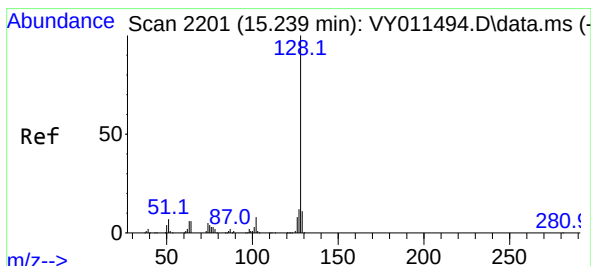
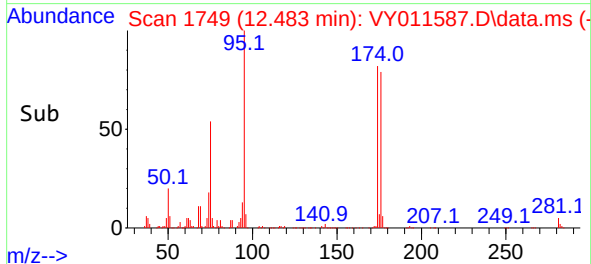
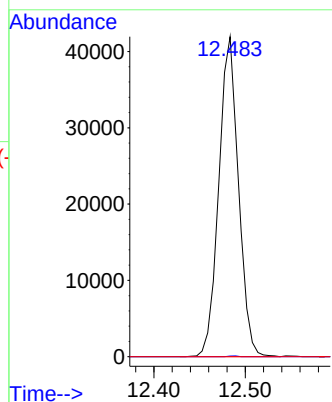
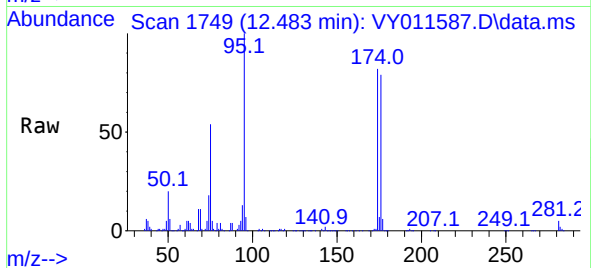




#81
trans-1,4-Dichloro-2-butene
Concen: 107.268 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62729
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.055 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011587.D
Acq: 23 Nov 2022 19:52

Tgt Ion:128 Resp: 161
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

