

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011549.D
 Acq On : 22 Nov 2022 15:38
 Operator : KP/MD
 Sample : N5731-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:07:54 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)

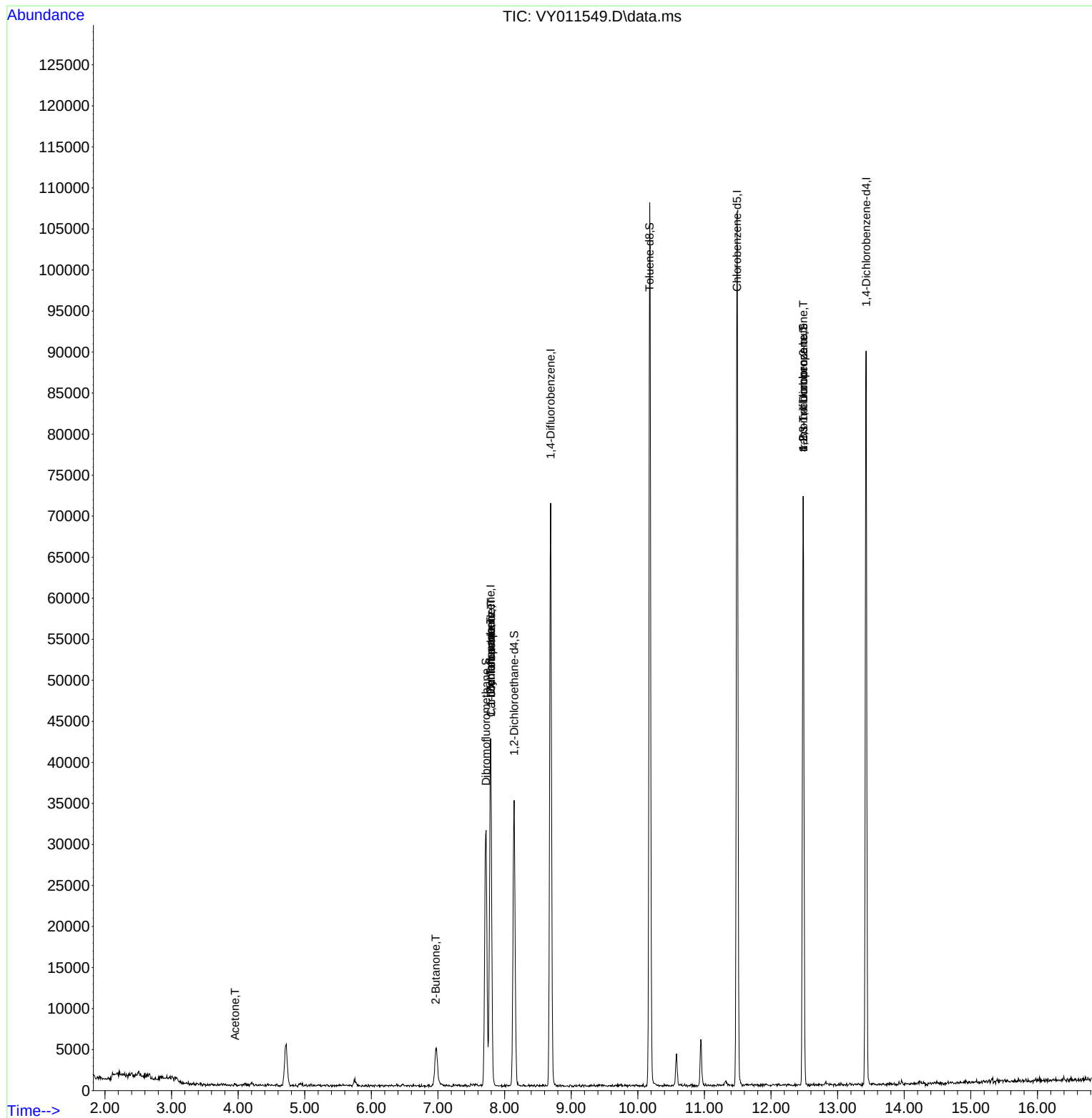
Internal Standards						
1) Pentafluorobenzene	7.789	168	32119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	58042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	56984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27140	83.217	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 166.440%#			
35) Dibromofluoromethane	7.722	113	22194	62.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.240%			
50) Toluene-d8	10.179	98	71547	55.104	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.200%			
62) 4-Bromofluorobenzene	12.483	95	21675	45.151	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.300%			
Target Compounds						
3) Chloromethane	2.113	50	151	Below Cal	#	44
5) Bromomethane	2.662	94	142	Below Cal	#	54
11) Tert butyl alcohol	4.936	59	326	Below Cal	#	77
16) Acetone	3.954	43	265	2.502	ug/l #	47
18) Methyl Acetate	4.204	43	31	Below Cal	#	56
20) Methylene Chloride	4.722	84	3558	Below Cal		91
25) 2-Butanone	6.966	43	308	2.212	ug/l #	54
31) Cyclohexane	7.789	56	865	1.600	ug/l #	44
36) 1,1-Dichloropropene	7.795	75	2528	4.526	ug/l #	48
38) Carbon Tetrachloride	7.795	117	3345	5.353	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	11490	45.763	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11490	100.236	ug/l #	7

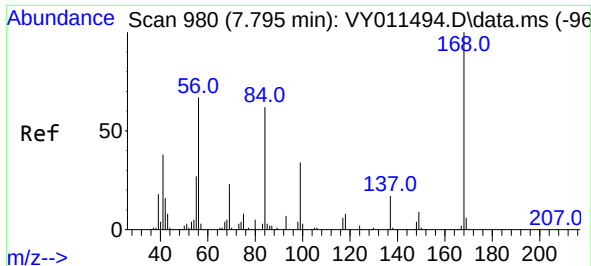
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 04:07:54 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

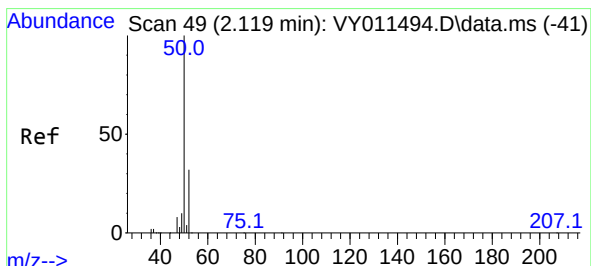
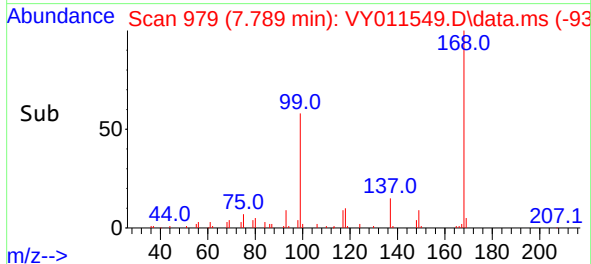
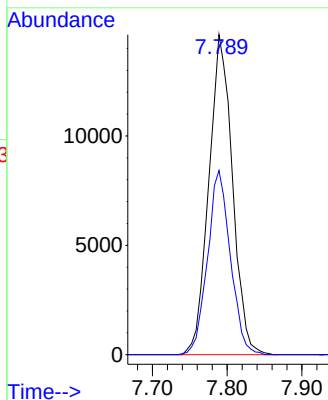
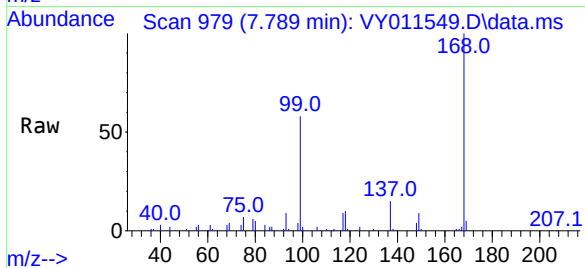




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

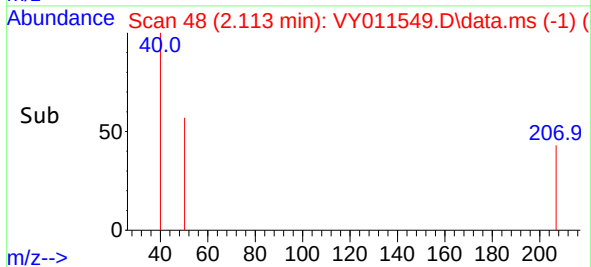
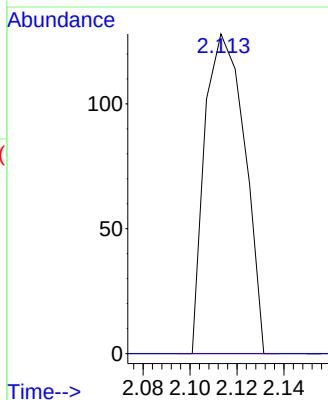
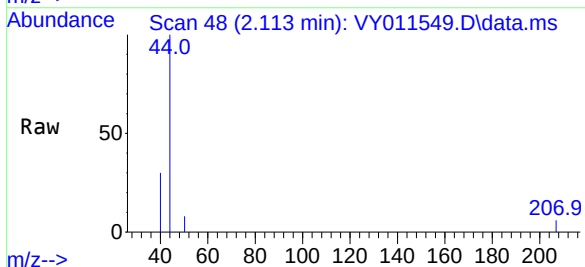
Instrument :
MSVOA_Y
ClientSampleId :

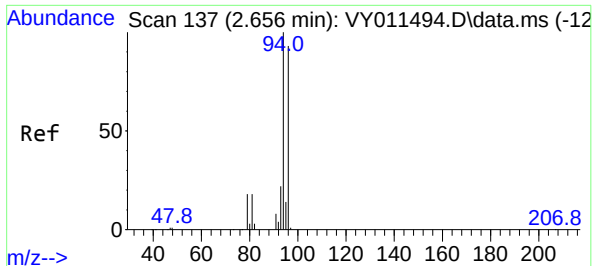
Tgt Ion:168 Resp: 32119
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion: 50 Resp: 151
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

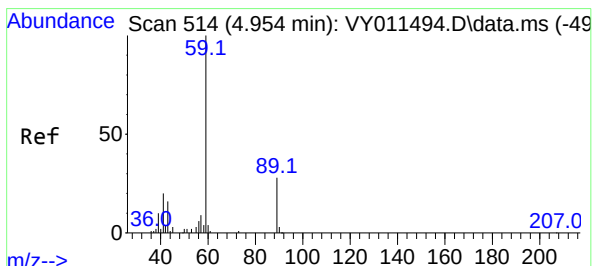
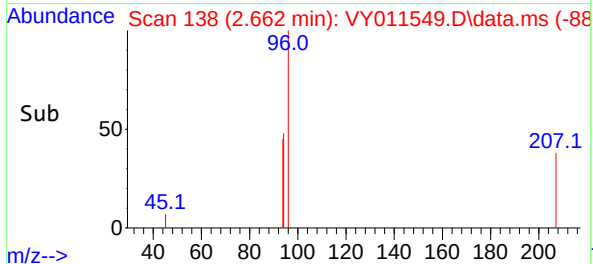
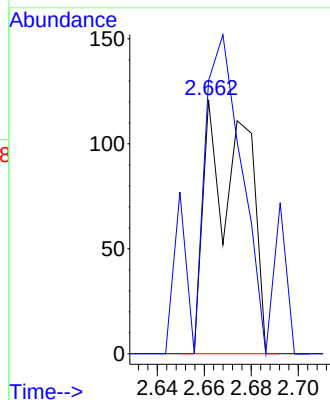
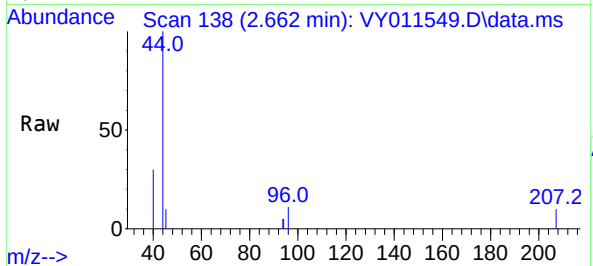




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

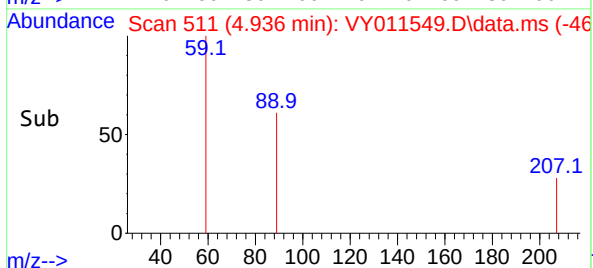
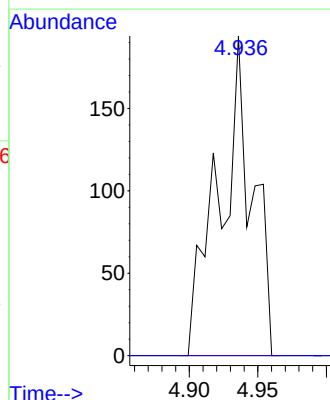
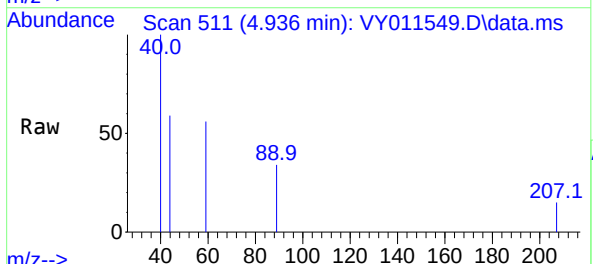
Instrument :
MSVOA_Y
ClientSampleId :

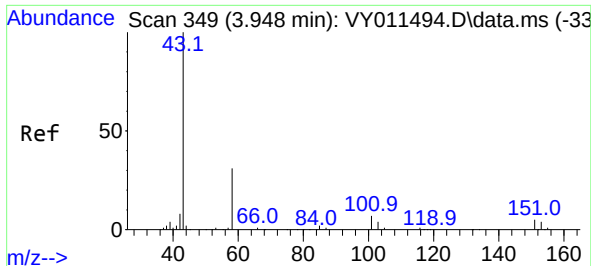
Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 47.9 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

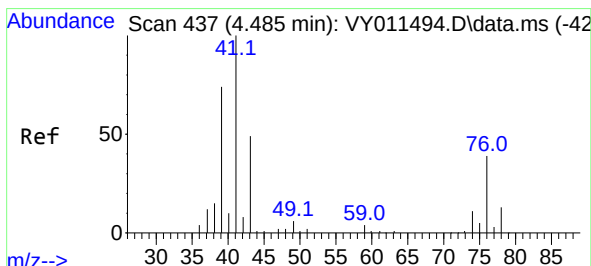
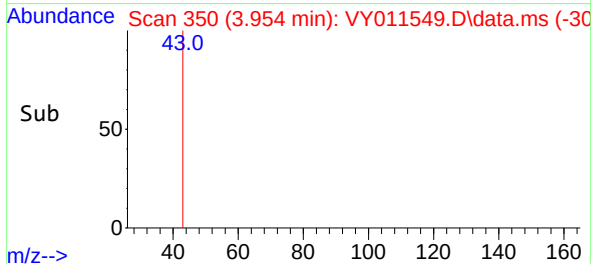
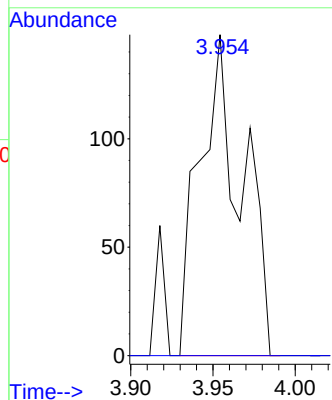
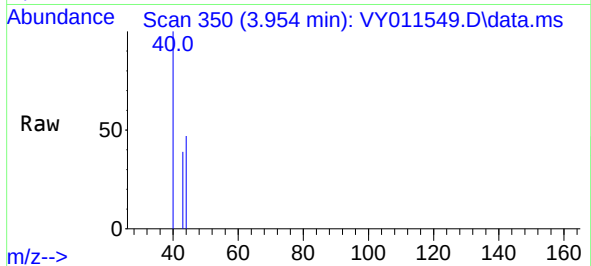




#16
Acetone
Concen: 2.502 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

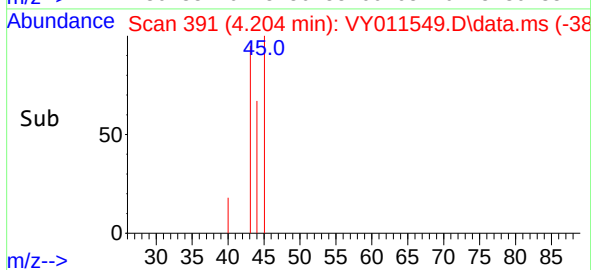
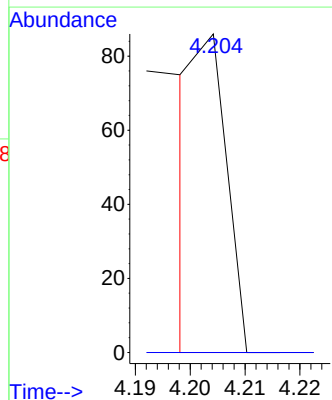
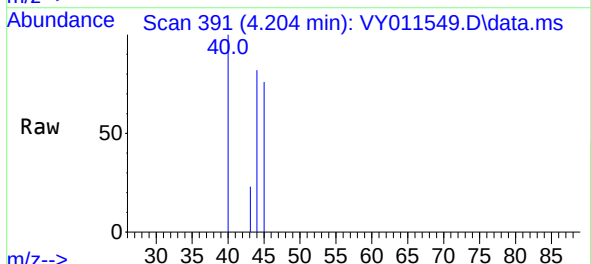
Instrument :
MSVOA_Y
ClientSampleId :

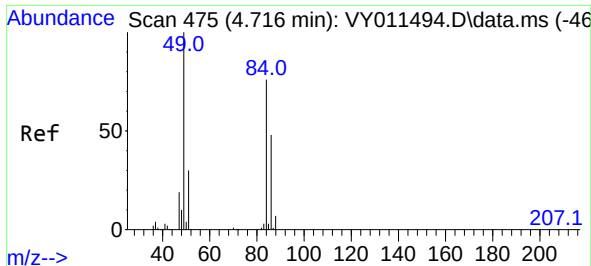
Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.281 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

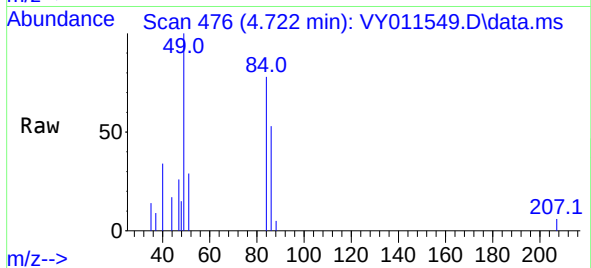
Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



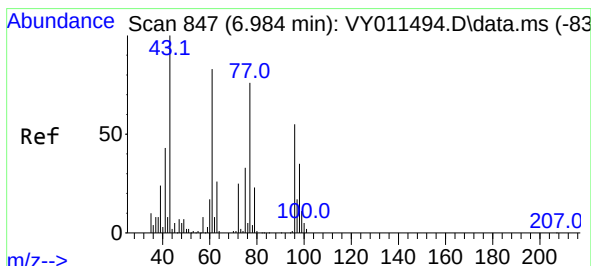
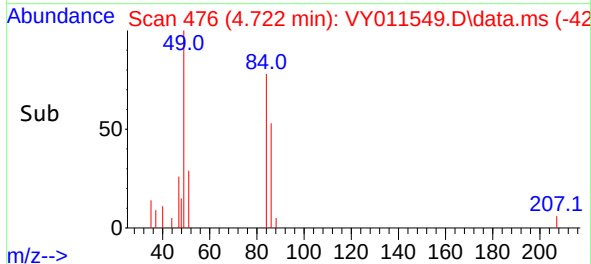
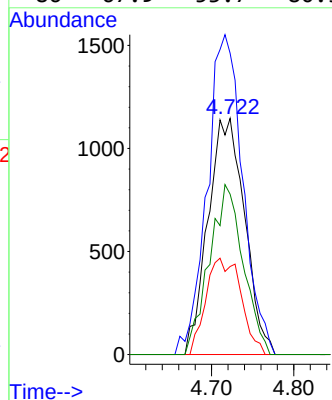


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :

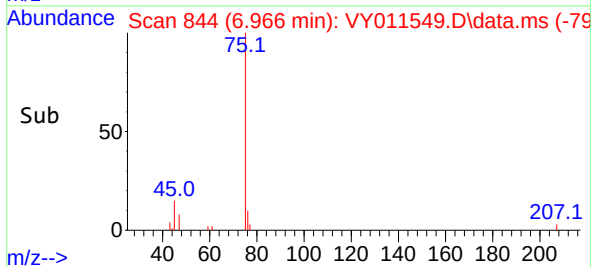
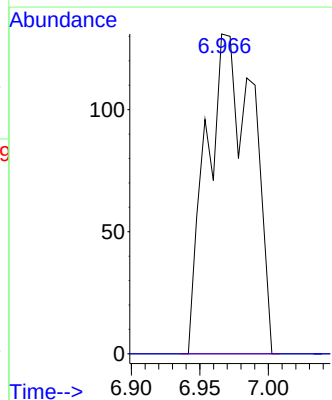
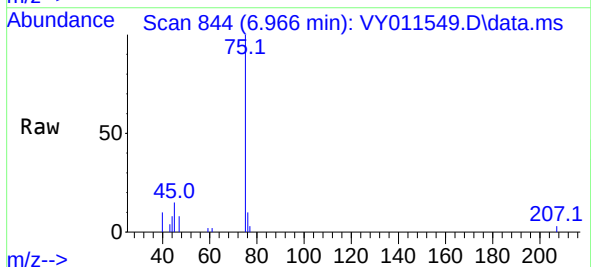


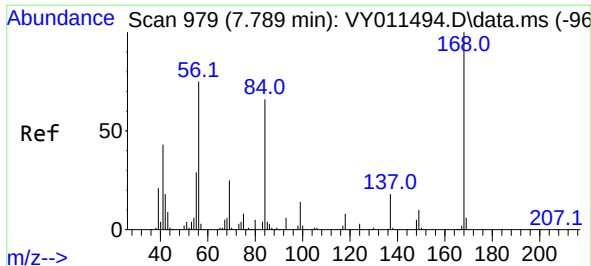
Tgt Ion: 84 Resp: 3558
Ion Ratio Lower Upper
84 100
49 127.6 114.4 171.6
51 37.3 35.3 52.9
86 67.9 53.7 80.5



#25
2-Butanone
Concen: 2.212 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

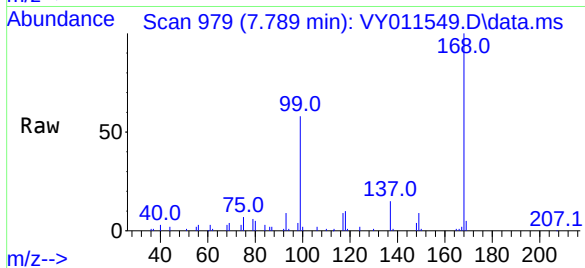
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



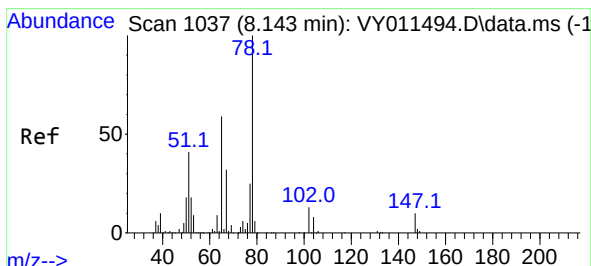
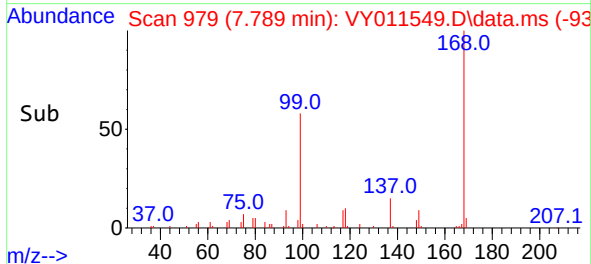
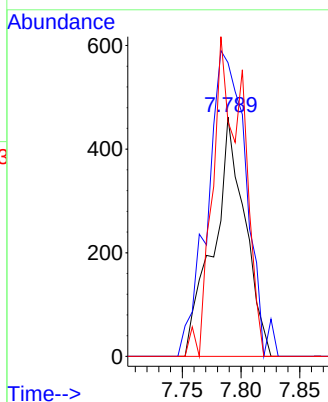


#31
Cyclohexane
Concen: 1.600 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :

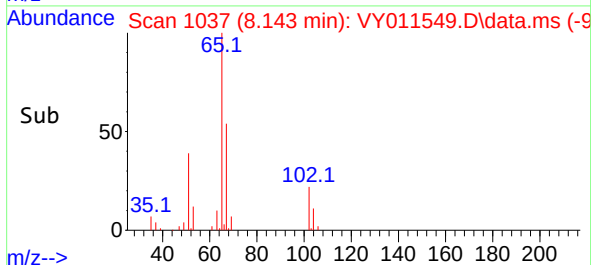
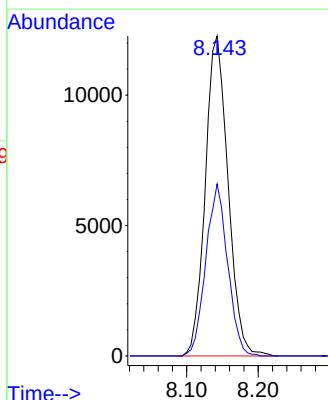
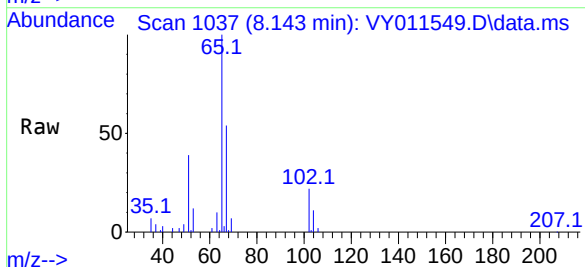


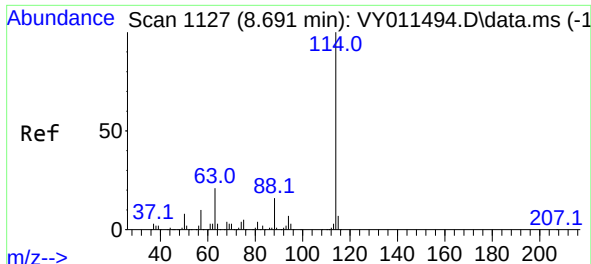
Tgt Ion: 56 Resp: 865
Ion Ratio Lower Upper
56 100
69 122.7 26.7 40.1#
84 98.1 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 83.217 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion: 65 Resp: 27140
Ion Ratio Lower Upper
65 100
67 51.4 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: VY011549.D

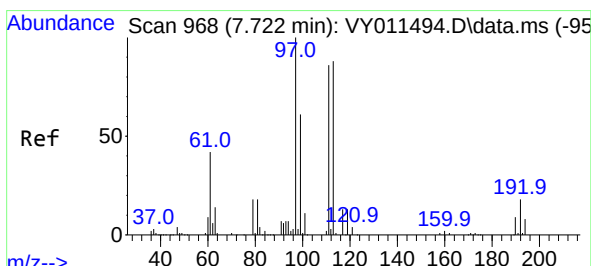
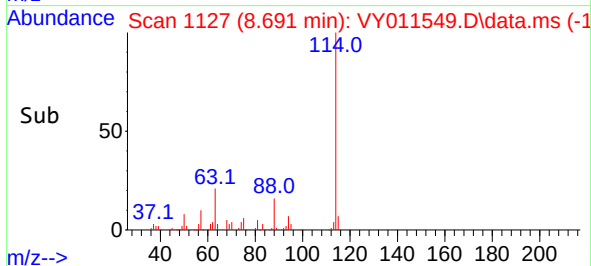
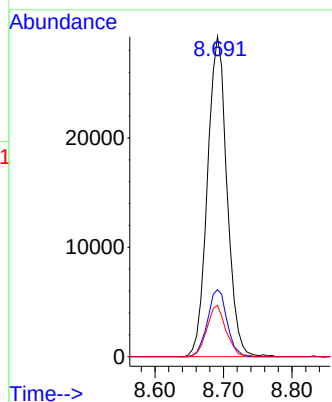
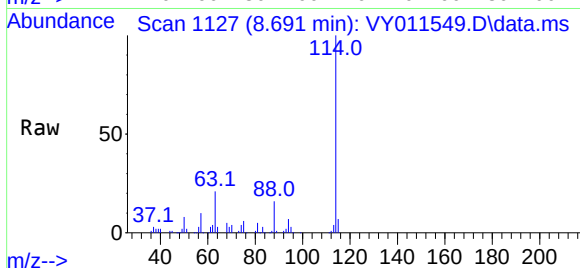
Acq: 22 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	58042
Ion	Ratio	Lower Upper
114	100	
63	20.9	0.0 43.2
88	16.0	0.0 31.8



#35

Dibromofluoromethane

Concen: 62.115 ug/l

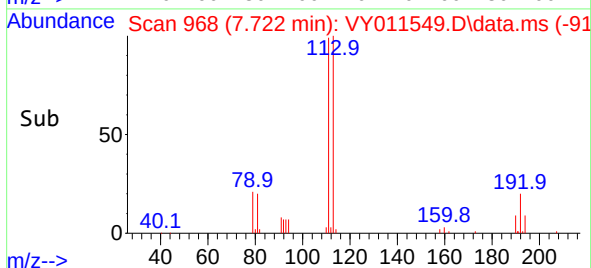
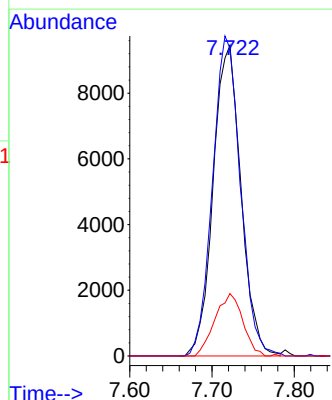
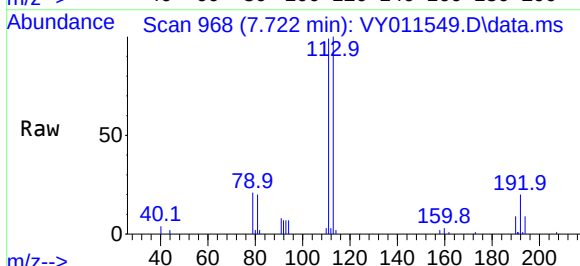
RT: 7.722 min Scan# 968

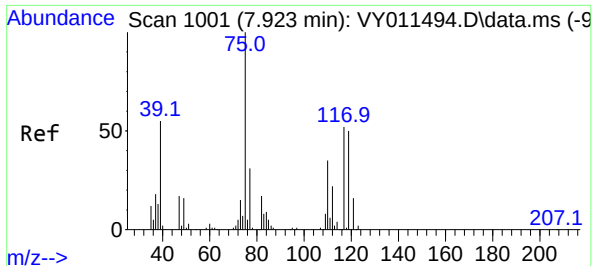
Delta R.T. -0.000 min

Lab File: VY011549.D

Acq: 22 Nov 2022 15:38

Tgt Ion:113	Resp:	22194
Ion	Ratio	Lower Upper
113	100	
111	103.0	82.6 124.0
192	20.1	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.526 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

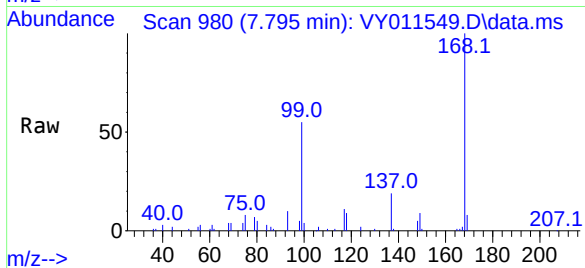
Lab File: VY011549.D

Acq: 22 Nov 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :



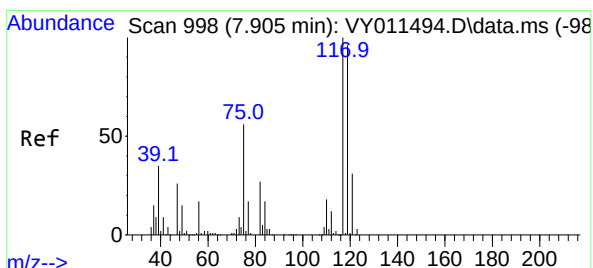
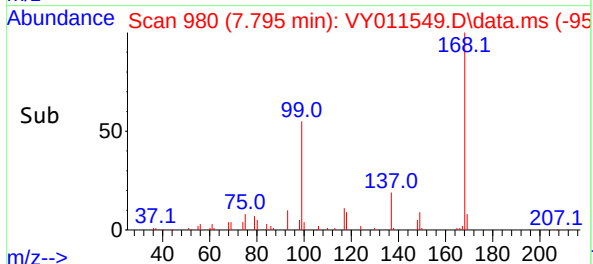
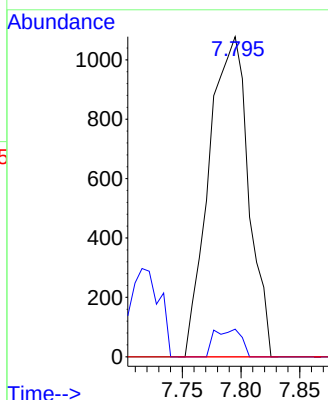
Tgt Ion: 75 Resp: 2528

Ion Ratio Lower Upper

75 100

110 5.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.353 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY011549.D

Acq: 22 Nov 2022 15:38

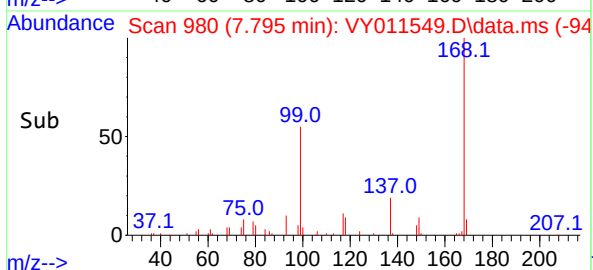
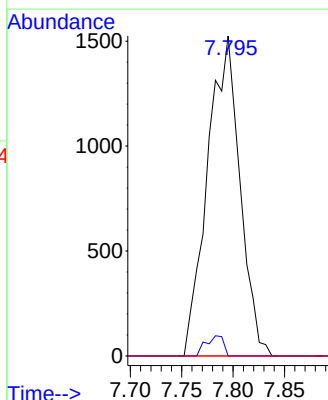
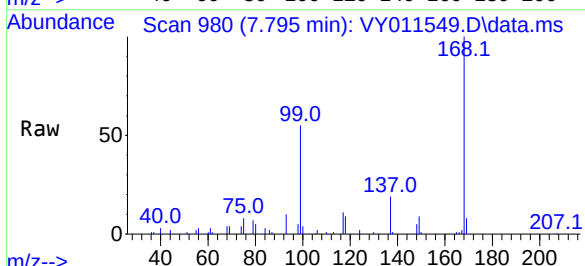
Tgt Ion: 117 Resp: 3345

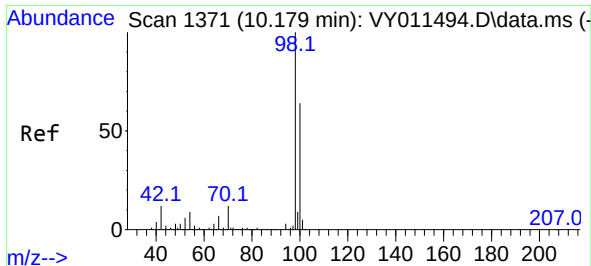
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

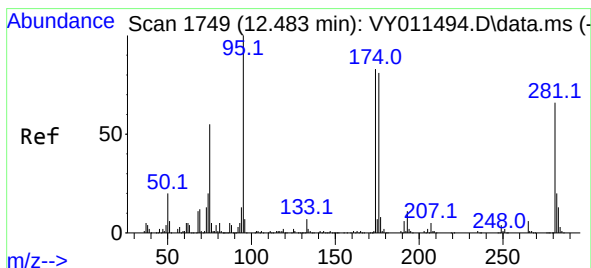
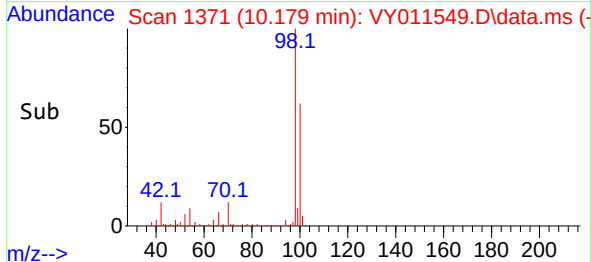
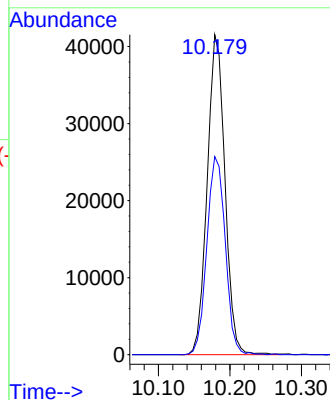
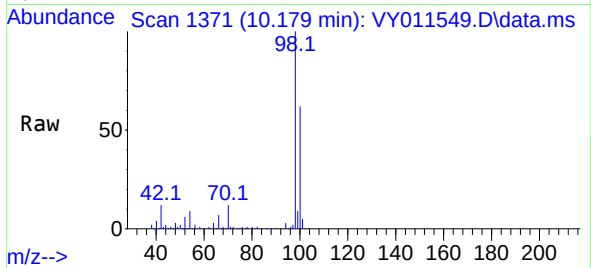




#50
Toluene-d8
Concen: 55.104 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

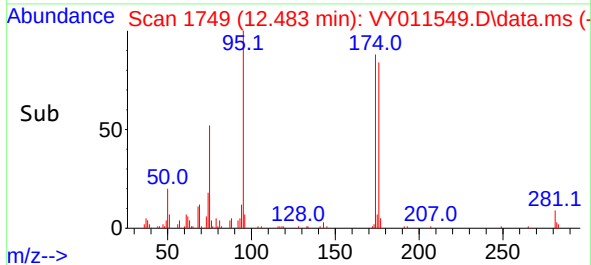
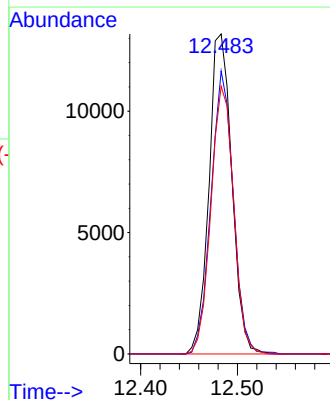
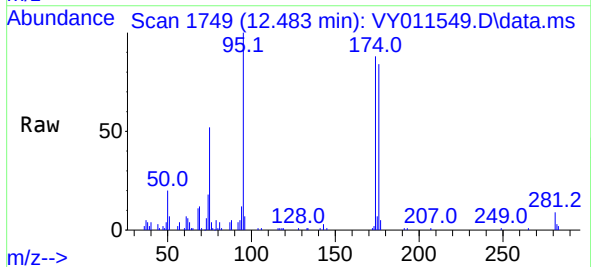
Instrument :
MSVOA_Y
ClientSampleId :

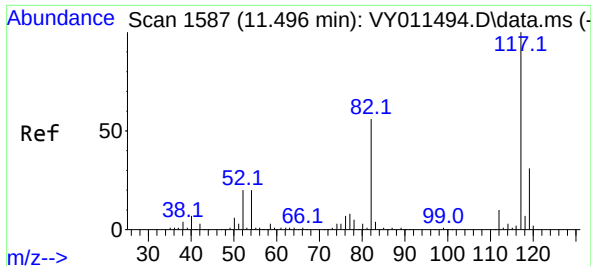
Tgt Ion: 98 Resp: 71547
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion: 95 Resp: 21675
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 83.0 0.0 175.8

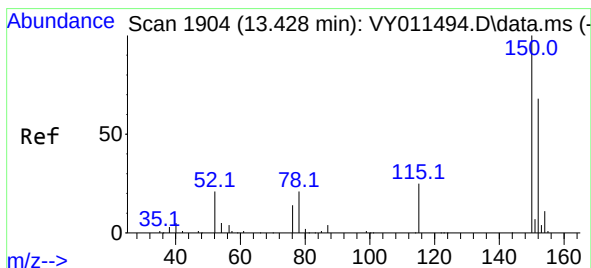
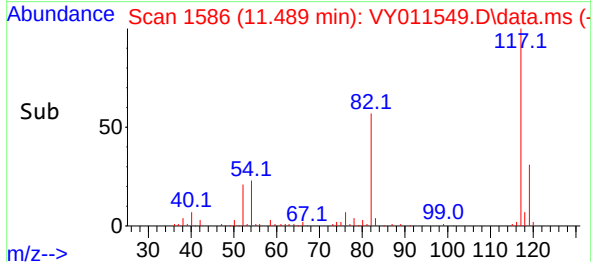
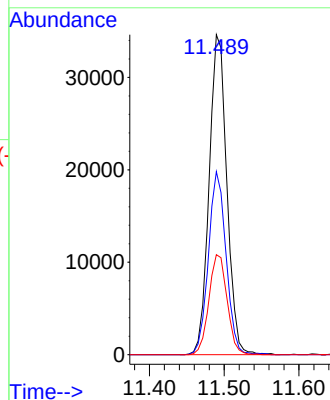
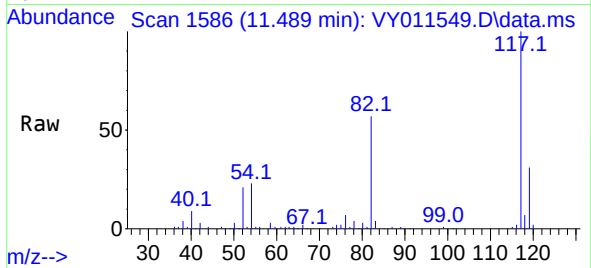




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

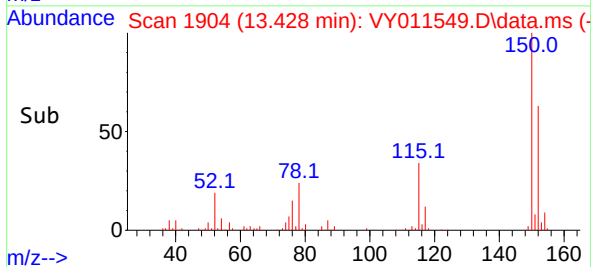
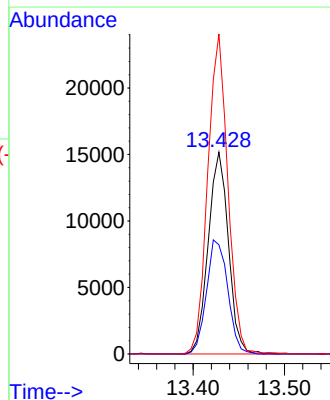
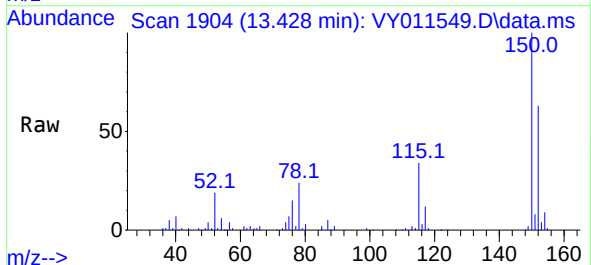
Instrument :
MSVOA_Y
ClientSampleId :

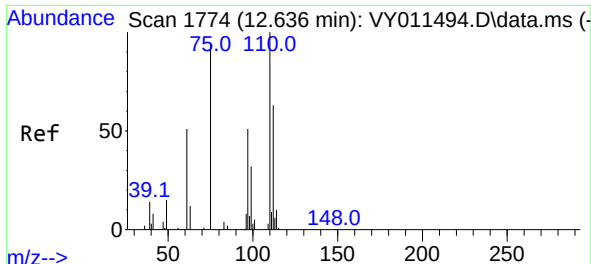
Tgt Ion:117 Resp: 56984
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion:152 Resp: 23314
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 157.5 0.0 347.6

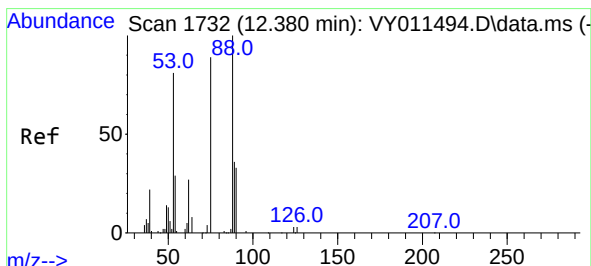
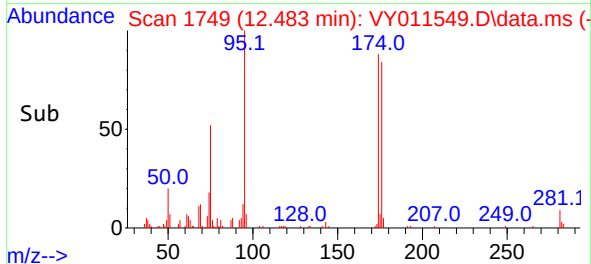
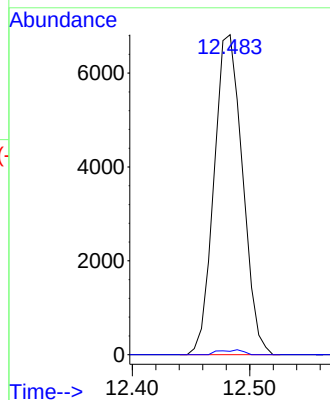
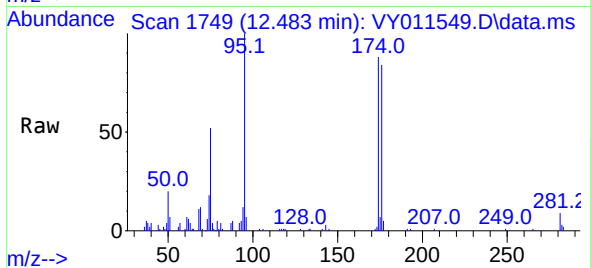




#76
1,2,3-Trichloropropane
Concen: 45.763 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11490
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.236 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011549.D
Acq: 22 Nov 2022 15:38

Tgt Ion: 75 Resp: 11490
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

