

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011994.D
 Acq On : 23 Dec 2022 13:51
 Operator : KP/MD
 Sample : N6199-01
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

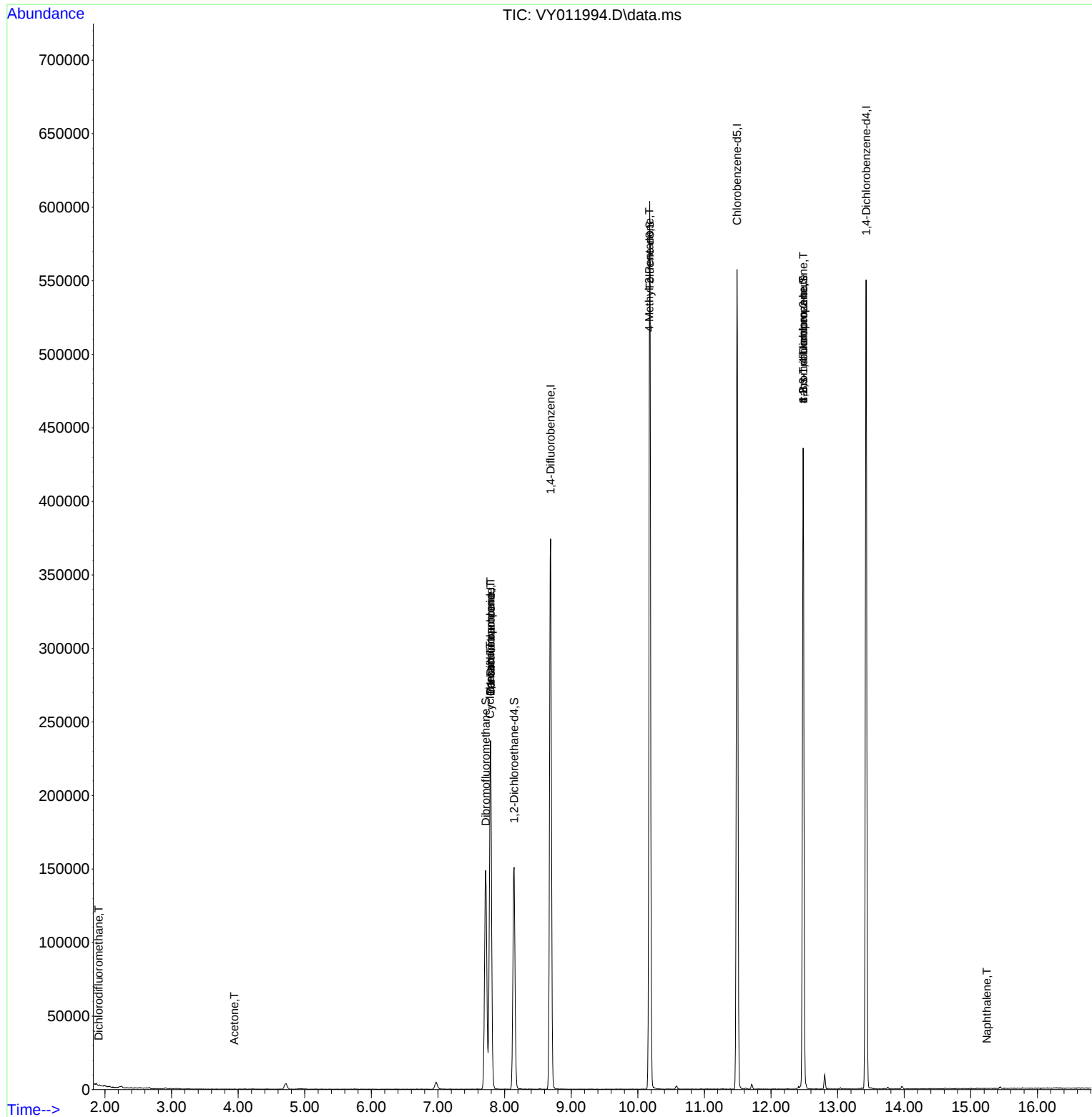
Internal Standards						
1) Pentafluorobenzene	7.789	168	185833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	327543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	123638	66.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.080%	
35) Dibromofluoromethane	7.716	113	104730	53.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.220%	
50) Toluene-d8	10.179	98	395469	49.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	12.483	95	130447	48.480	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52	2.501	ug/l #	41
11) Tert butyl alcohol	4.960	59	278	Below Cal	#	74
16) Acetone	3.942	43	141	5.122	ug/l #	40
20) Methylene Chloride	4.716	84	3351	Below Cal	#	86
31) Cyclohexane	7.783	56	3503	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13220	4.180	ug/l #	51
38) Carbon Tetrachloride	7.789	117	18716	5.123	ug/l #	17
51) 4-Methyl-2-Pentanone	10.172	43	1448	1.048	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	68015	38.228	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68015	104.688	ug/l #	13
95) Naphthalene	15.239	128	334	2.838	ug/l #	69

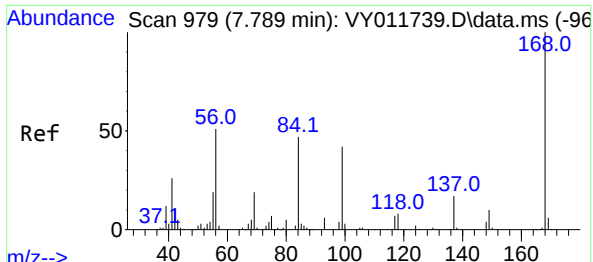
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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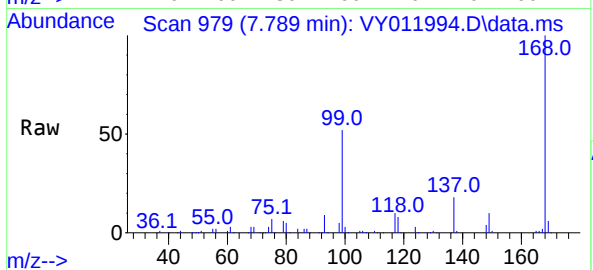
Quant Time: Dec 23 22:25:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration



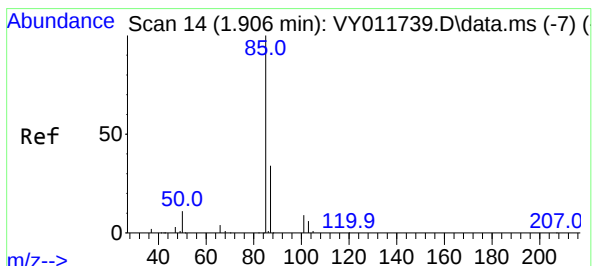
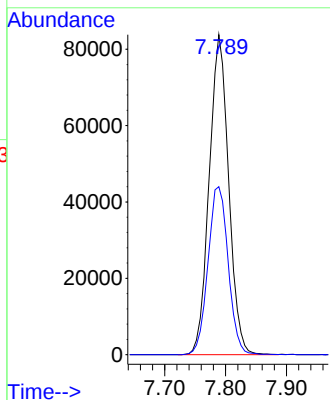
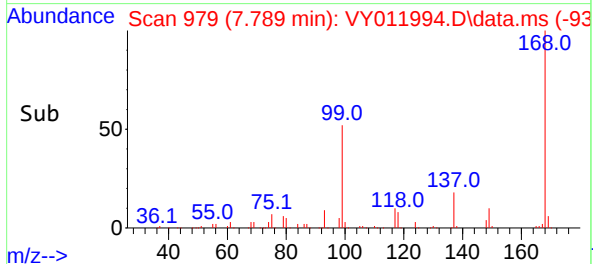


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :

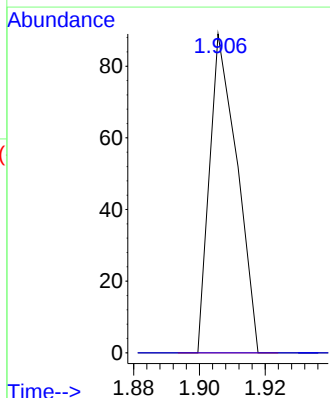
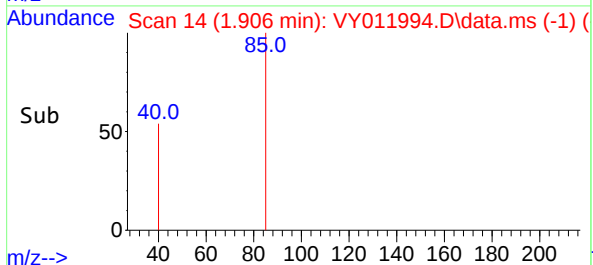
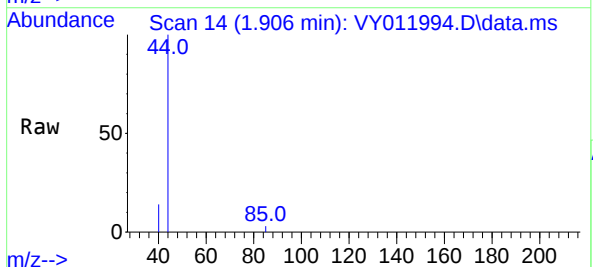


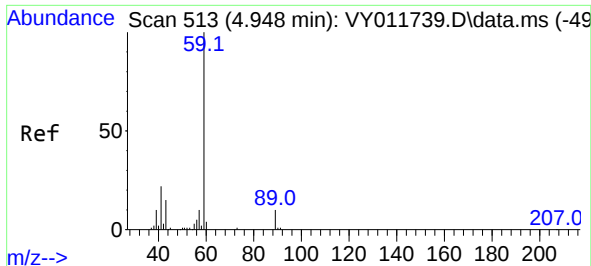
Tgt Ion:168 Resp: 185833
Ion Ratio Lower Upper
168 100
99 52.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.501 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Tgt Ion: 85 Resp: 52
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

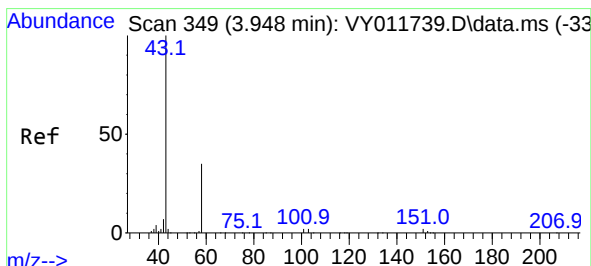
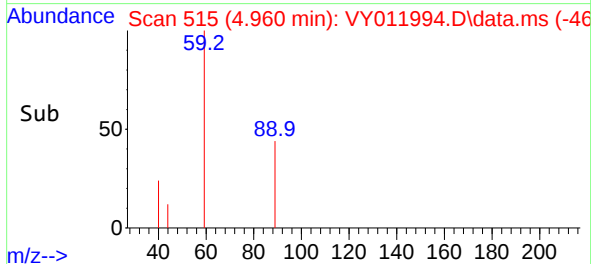
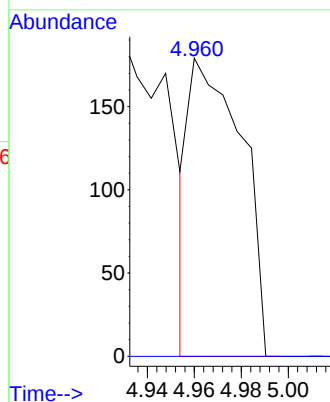
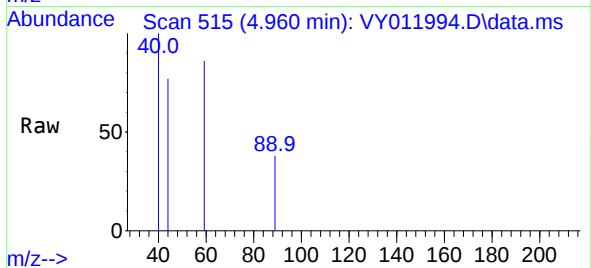




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

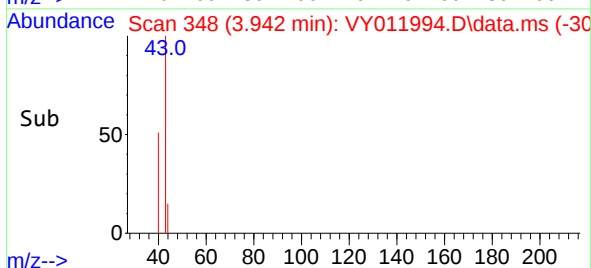
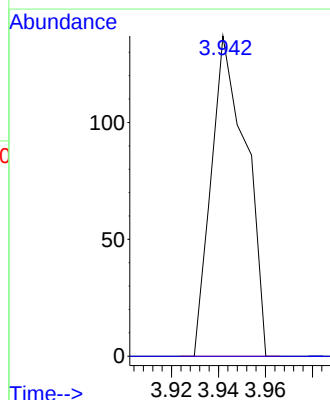
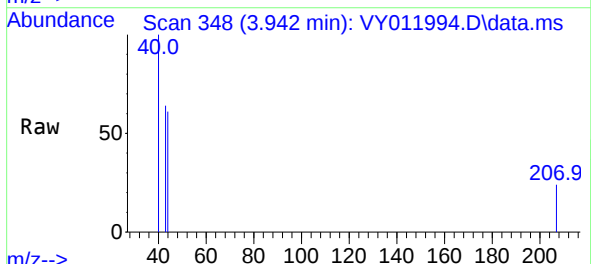
Instrument :
MSVOA_Y
ClientSampleId :

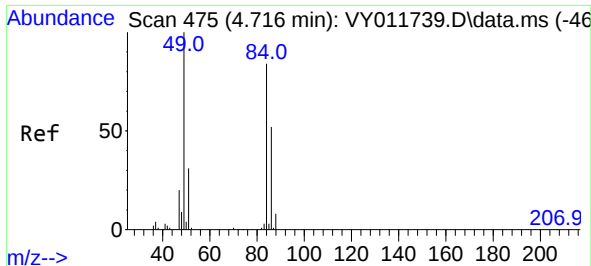
Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 5.122 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

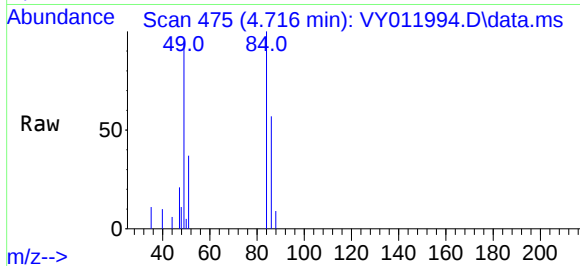
Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



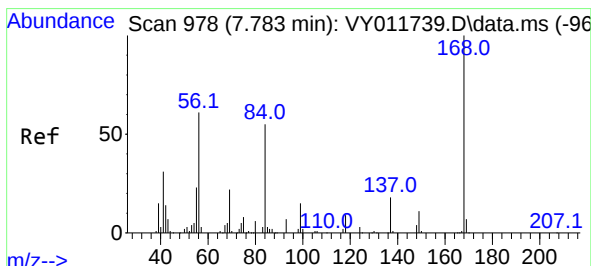
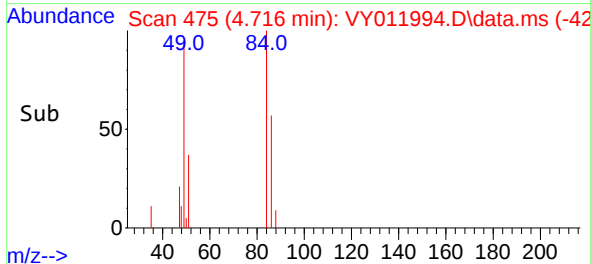
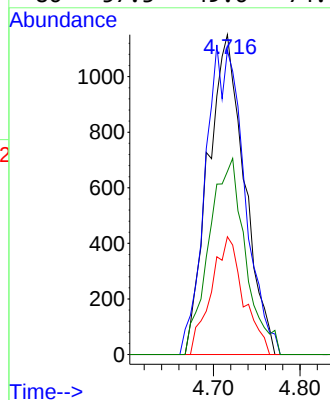


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :

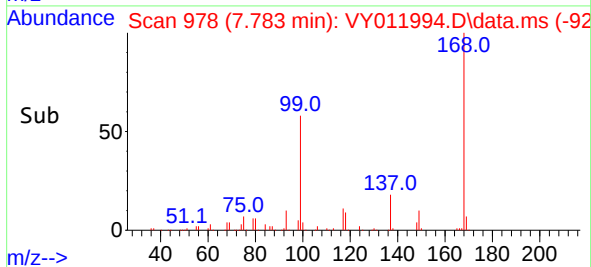
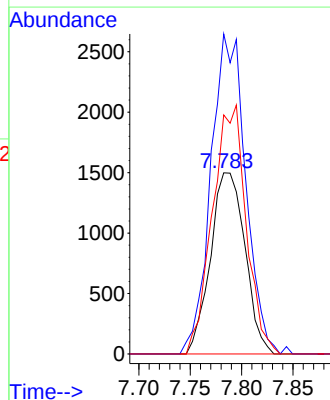
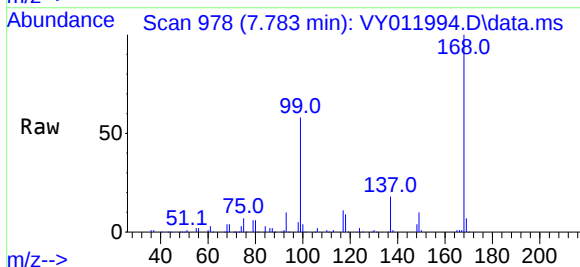


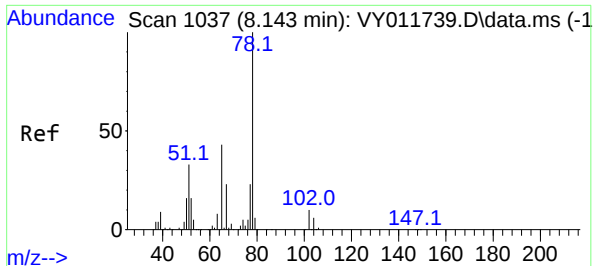
Tgt Ion: 84 Resp: 3351
Ion Ratio Lower Upper
84 100
49 95.0 95.4 143.2#
51 36.8 29.9 44.9
86 57.3 49.6 74.4



#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Tgt Ion: 56 Resp: 3503
Ion Ratio Lower Upper
56 100
69 176.7 29.2 43.8#
84 132.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 66.038 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY011994.D

Acq: 23 Dec 2022 13:51

Instrument :

MSVOA_Y

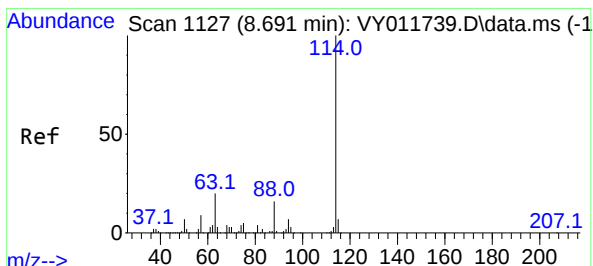
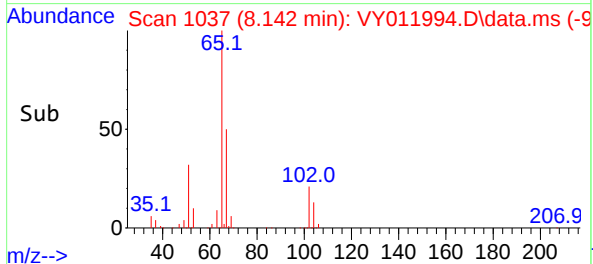
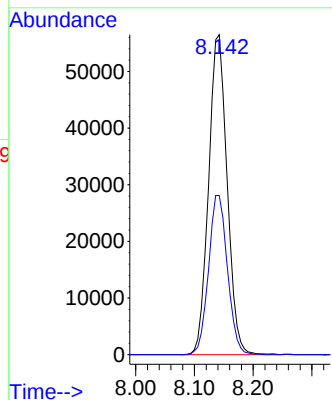
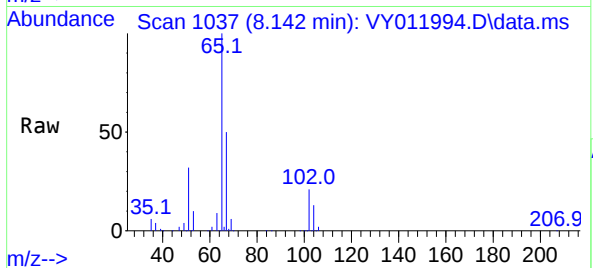
ClientSampleId :

Tgt Ion: 65 Resp: 123638

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011994.D

Acq: 23 Dec 2022 13:51

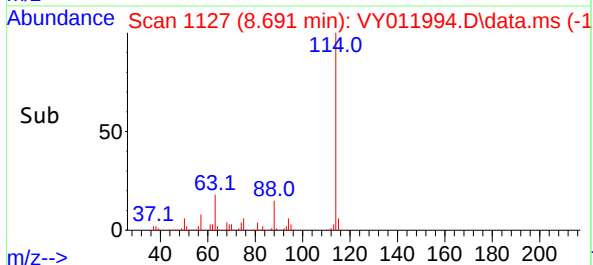
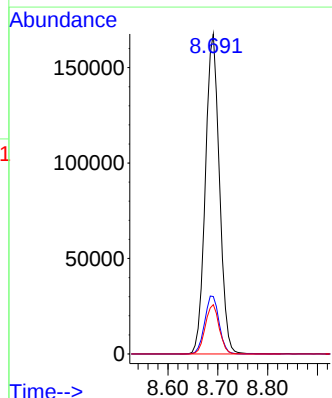
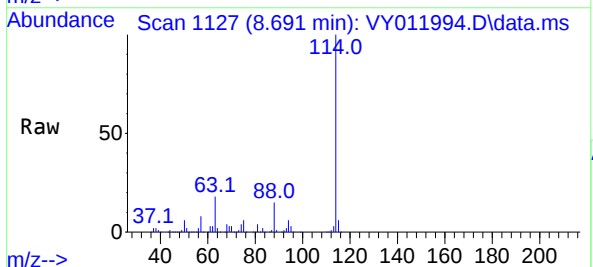
Tgt Ion: 114 Resp: 327543

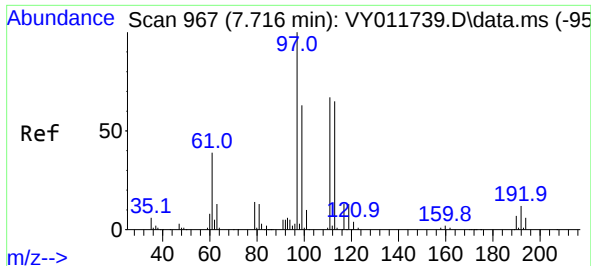
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

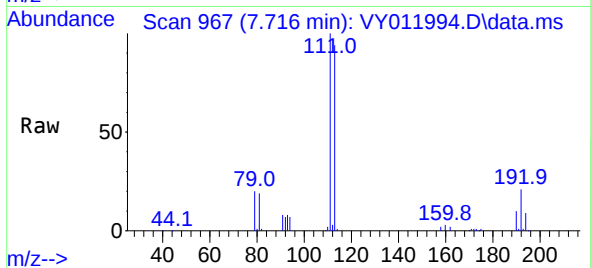
88 15.4 0.0 32.2



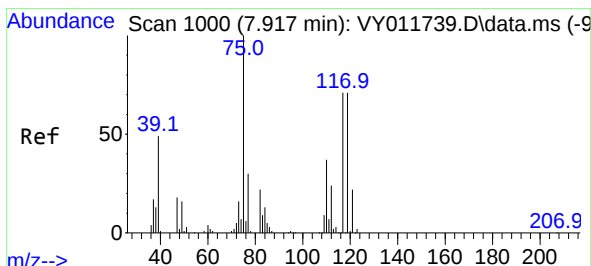
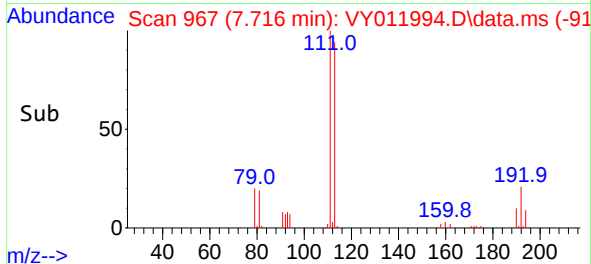
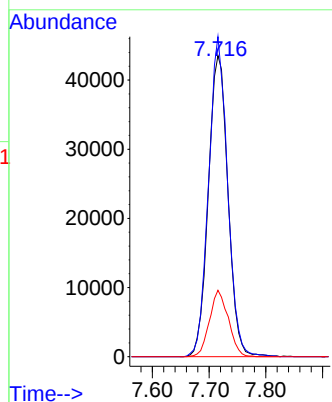


#35
Dibromofluoromethane
Concen: 53.111 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :

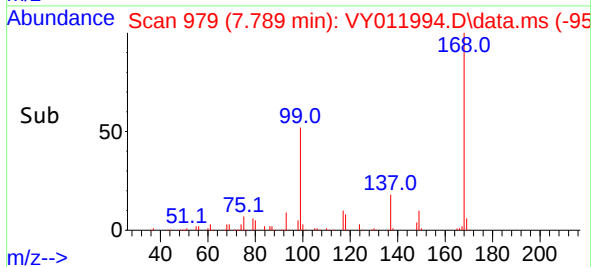
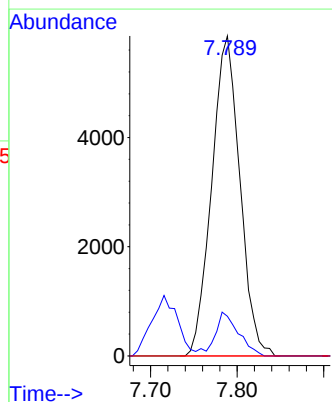
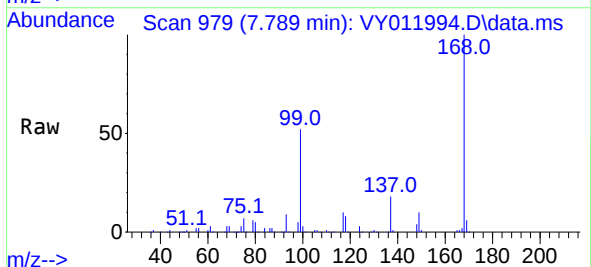


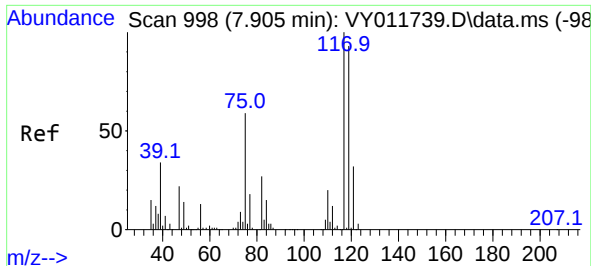
Tgt Ion:113 Resp: 104730
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 21.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.180 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

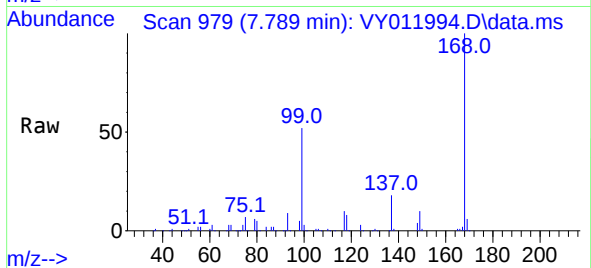
Tgt Ion: 75 Resp: 13220
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.1#
77 0.0 25.1 37.7#



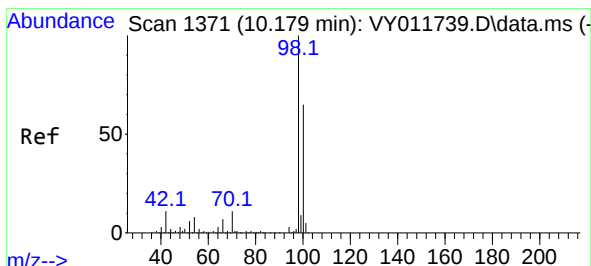
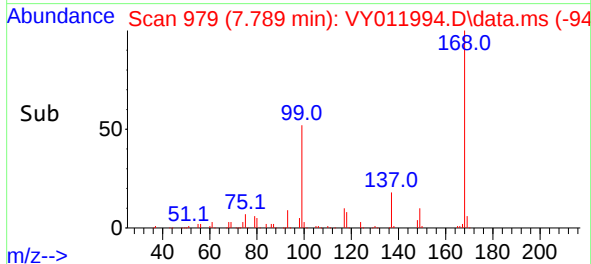
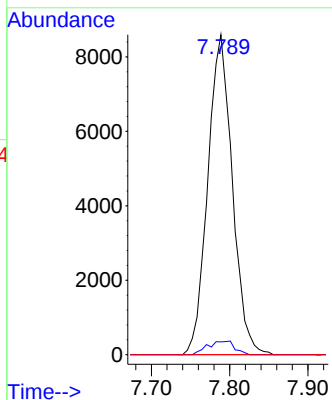


#38
Carbon Tetrachloride
Concen: 5.123 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Instrument :
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ClientSampleId :

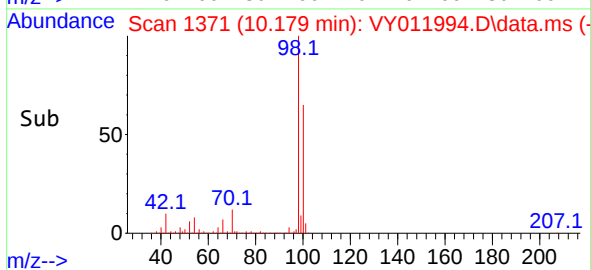
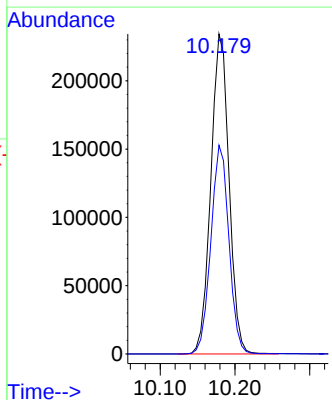
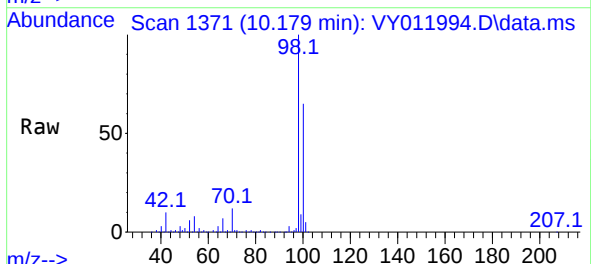


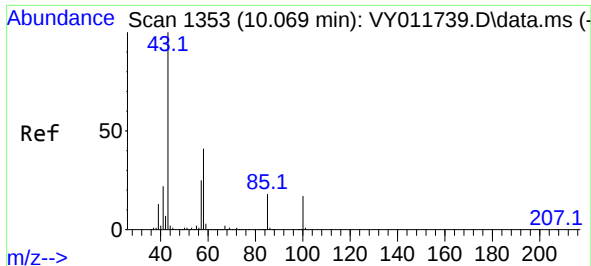
Tgt Ion:117 Resp: 18716
Ion Ratio Lower Upper
117 100
119 4.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Tgt Ion: 98 Resp: 395469
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

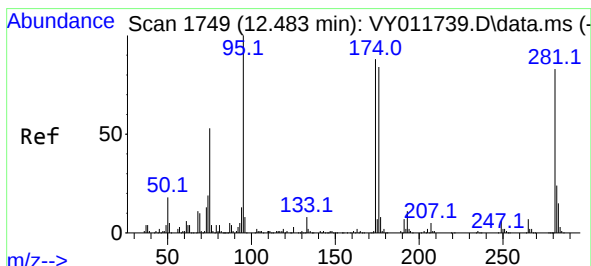
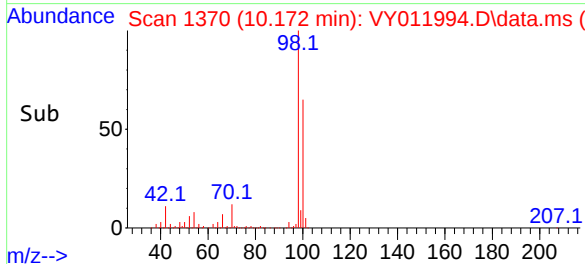
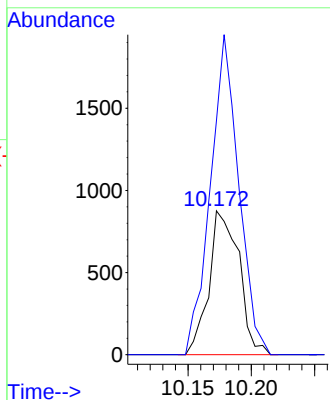
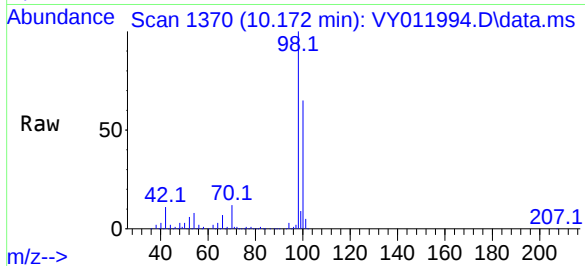




#51
4-Methyl-2-Pentanone
Concen: 1.048 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

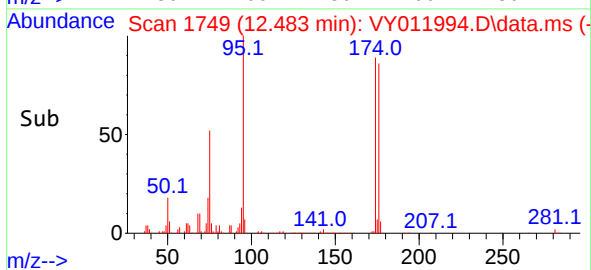
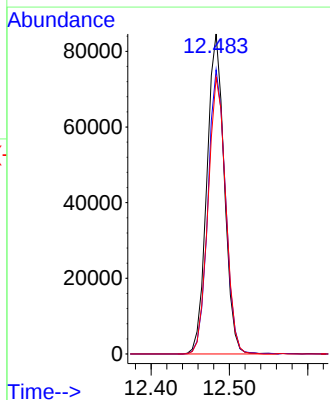
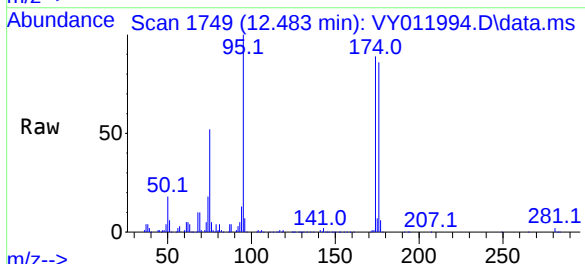
Instrument :
MSVOA_Y
ClientSampleId :

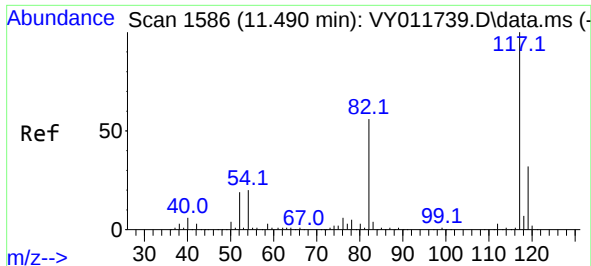
Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
58 209.4 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 48.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Tgt Ion: 95 Resp: 130447
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.0
176 87.4 0.0 167.6

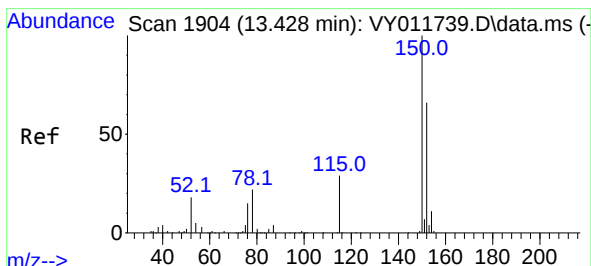
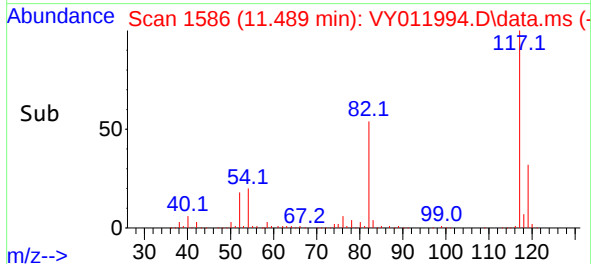
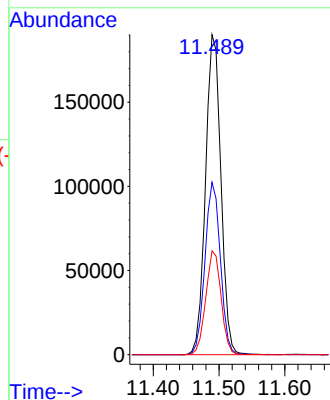
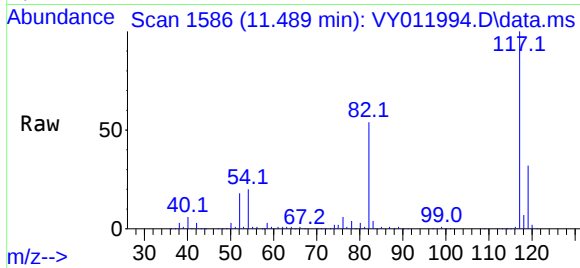




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

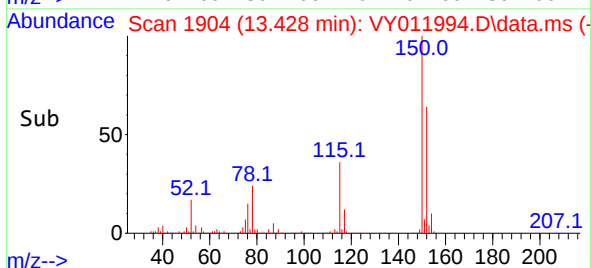
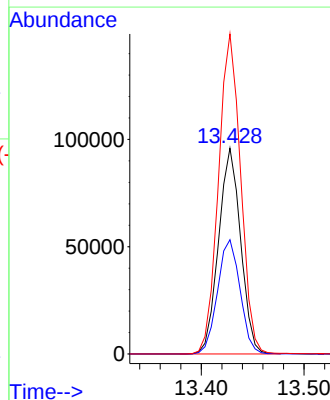
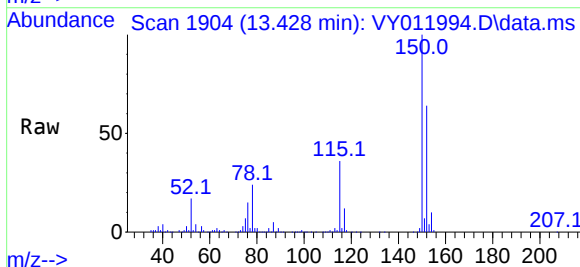
Instrument :
MSVOA_Y
ClientSampleId :

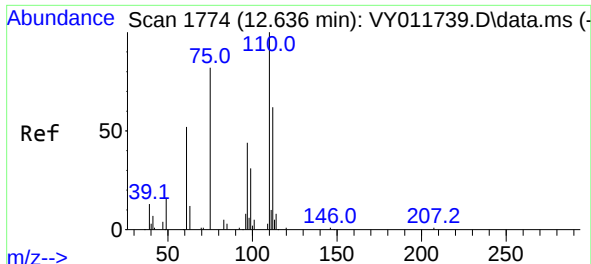
Tgt Ion:117 Resp: 310025
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Tgt Ion:152 Resp: 142983
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 156.5 0.0 342.6

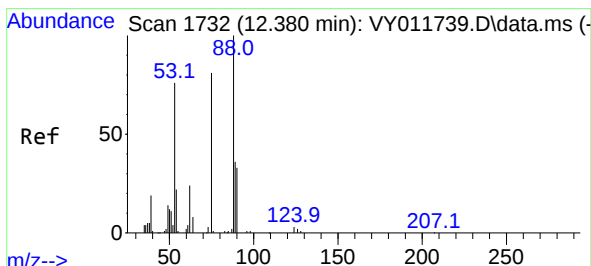
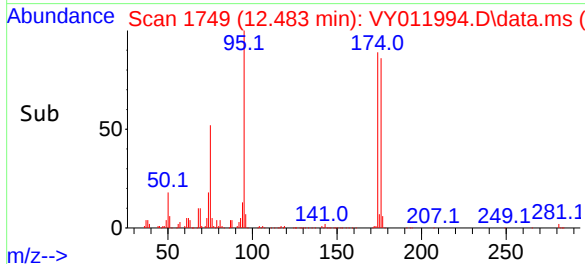
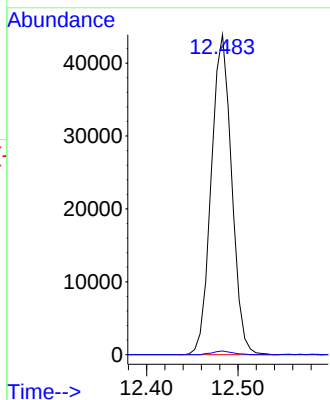
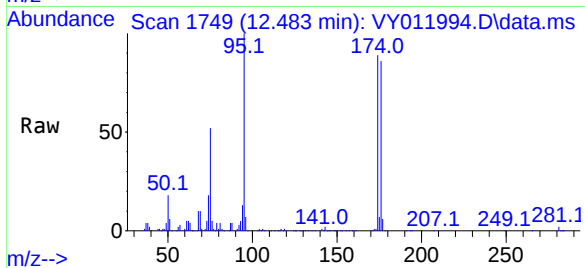




#76
1,2,3-Trichloropropane
Concen: 38.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

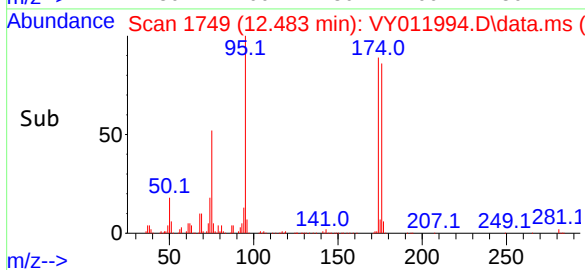
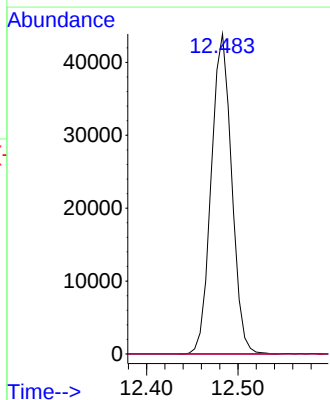
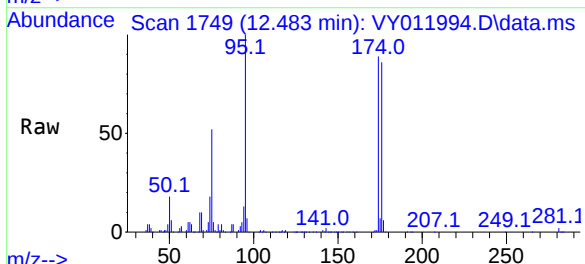
Instrument :
MSVOA_Y
ClientSampleId :

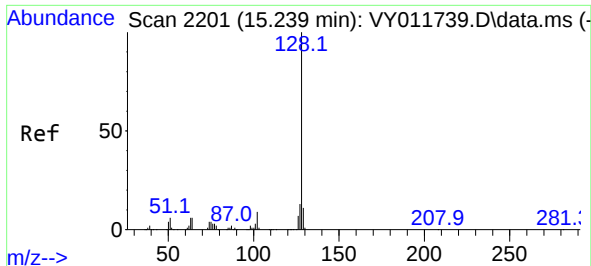
Tgt Ion: 75 Resp: 68015
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.688 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

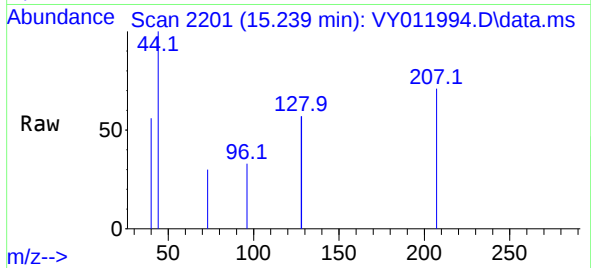
Tgt Ion: 75 Resp: 68015
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 2.838 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 334
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

