

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011480.D
 Acq On : 16 Nov 2022 17:49
 Operator : KP/MD
 Sample : N5641-10
 Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:17:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

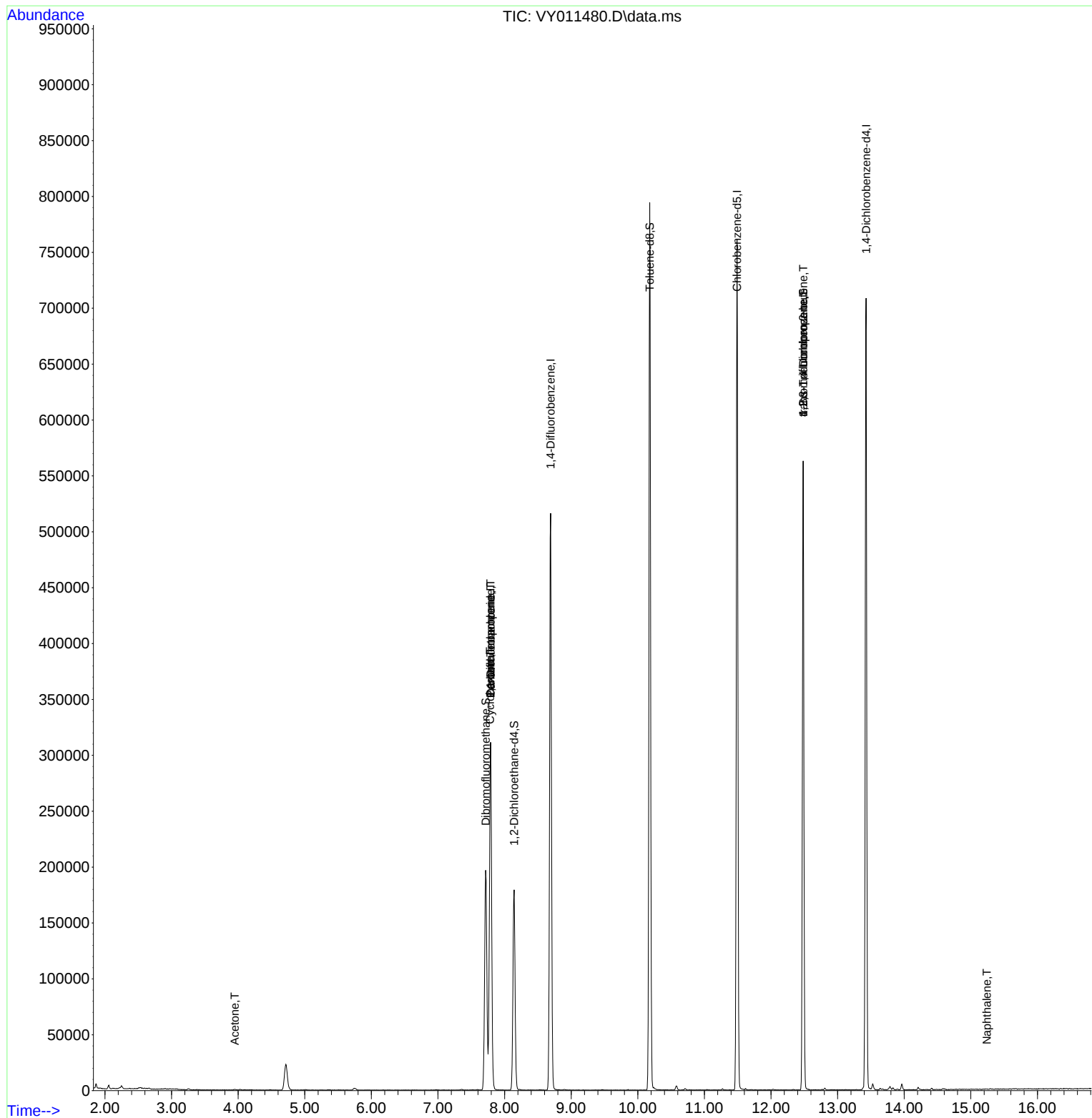
Internal Standards						
1) Pentafluorobenzene	7.789	168	256580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	464881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	440174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	139874	65.056	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.120%	
35) Dibromofluoromethane	7.716	113	141623	54.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.179	98	546309	54.889	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.780%	
62) 4-Bromofluorobenzene	12.483	95	176452	50.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	69	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	21	Below Cal	#	77
16) Acetone	3.948	43	1023	1.803	ug/l	93
18) Methyl Acetate	4.479	43	341	Below Cal	#	56
20) Methylene Chloride	4.716	84	19978	Below Cal	#	76
31) Cyclohexane	7.783	56	4167	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17127	4.236	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24195	5.501	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	83745	37.001	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83745	88.939	ug/l #	7
95) Naphthalene	15.239	128	211	3.302	ug/l #	69

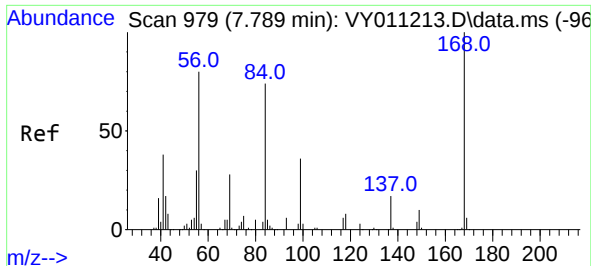
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
Data File : VY011480.D
Acq On : 16 Nov 2022 17:49
Operator : KP/MD
Sample : N5641-10
Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 17 03:17:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

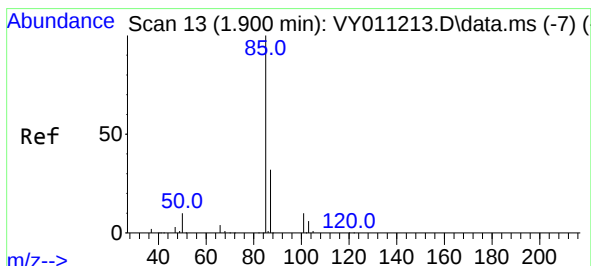
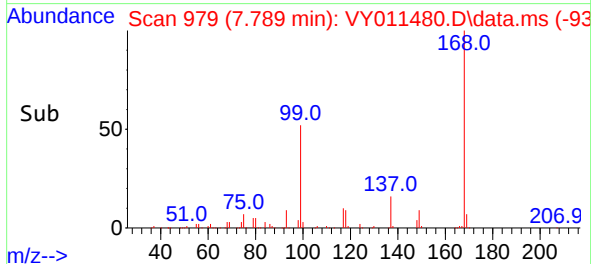
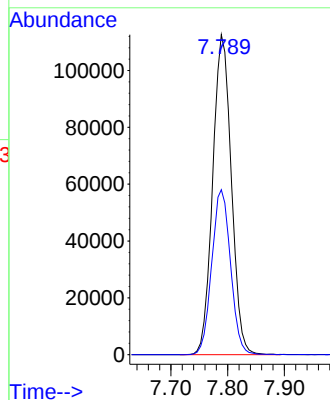
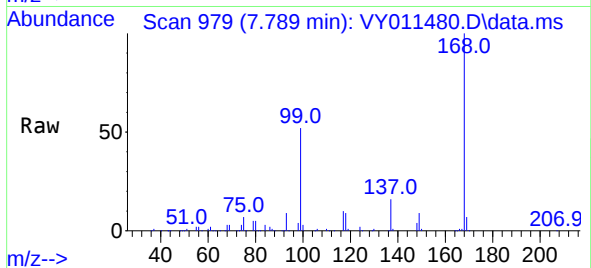




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

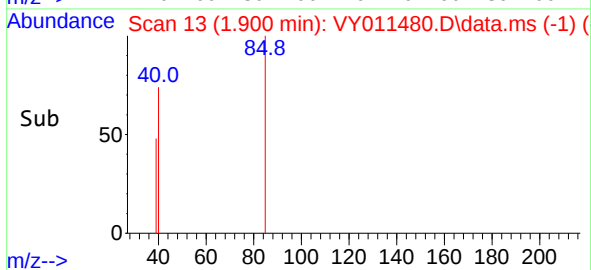
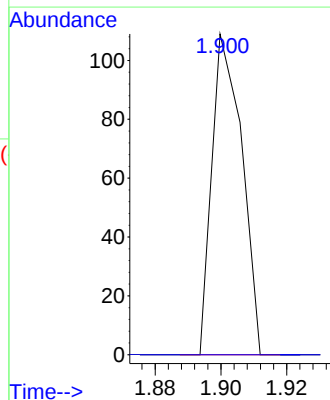
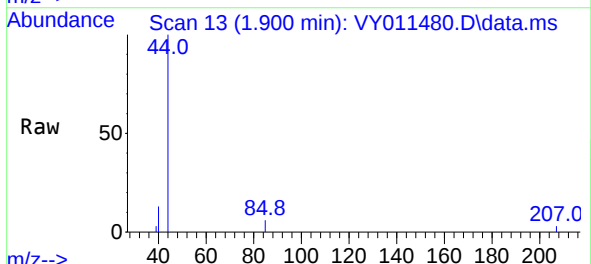
Instrument :
MSVOA_Y
ClientSampleId :

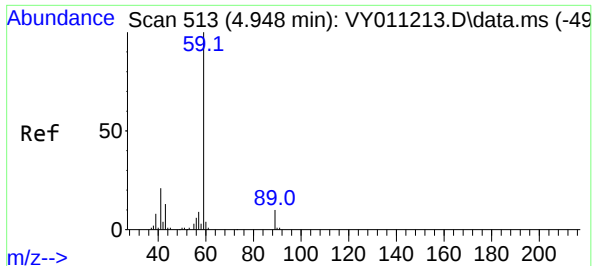
Tgt Ion:168 Resp: 256580
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

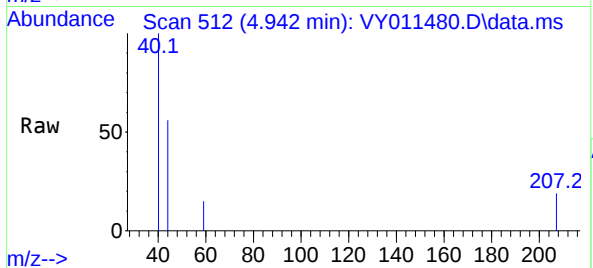
Tgt Ion: 85 Resp: 69
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



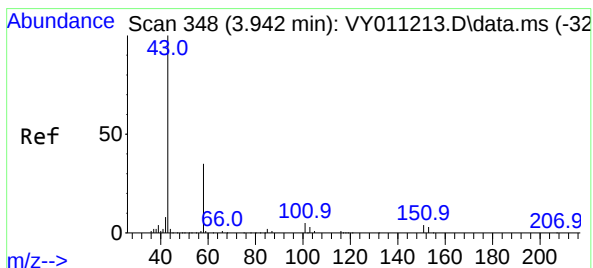
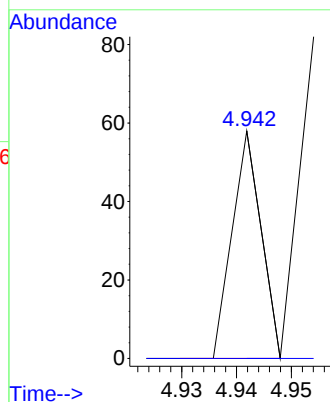
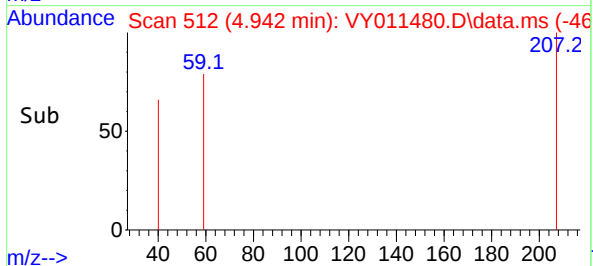


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

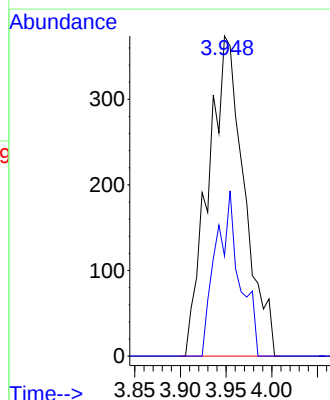
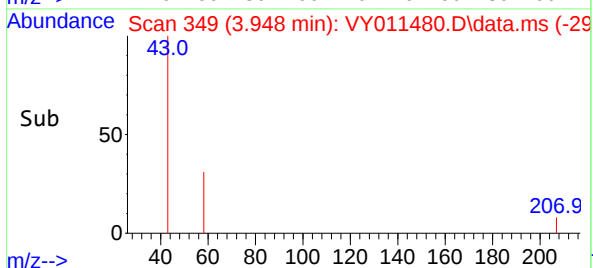
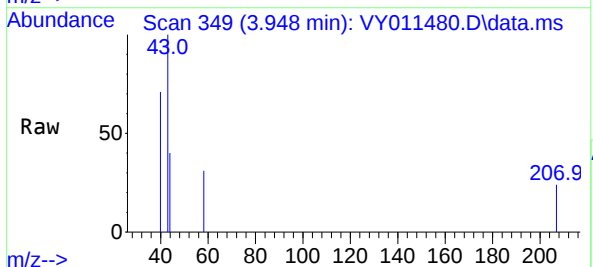


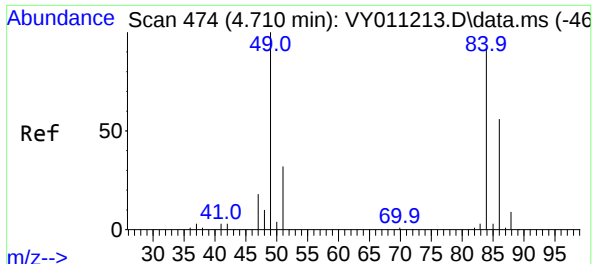
Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.803 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

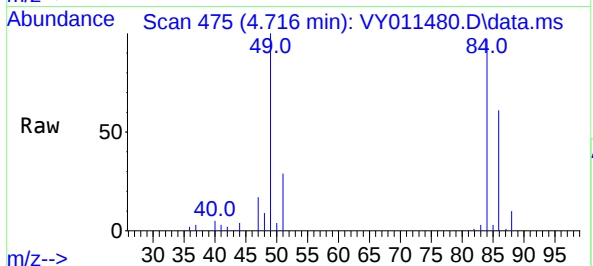
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0





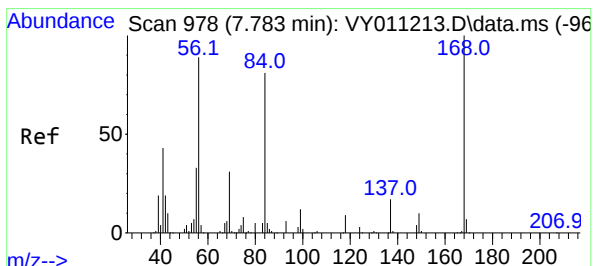
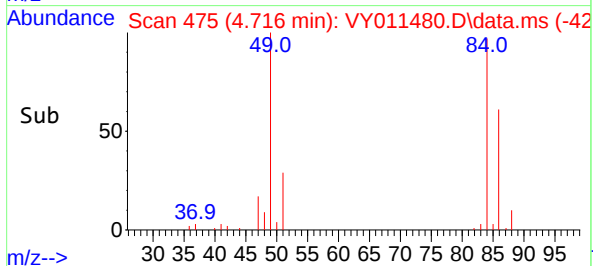
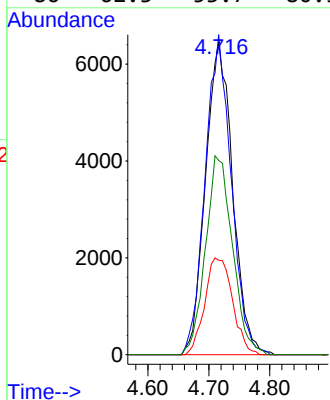
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 19978

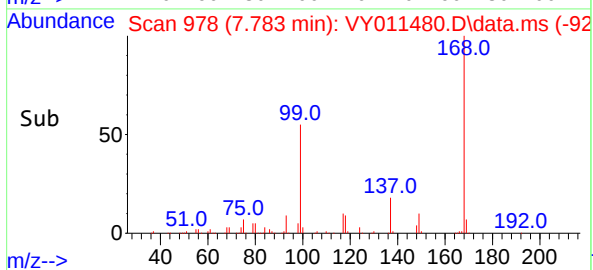
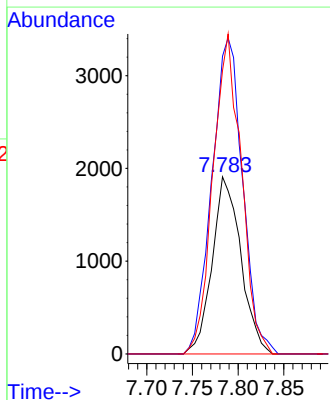
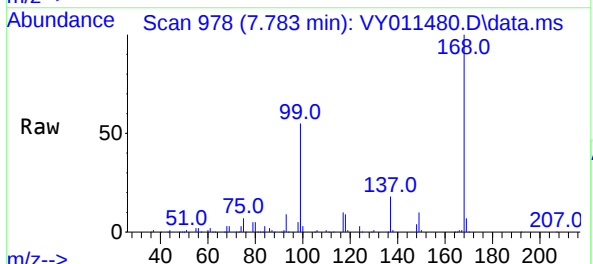
Ion	Ratio	Lower	Upper
84	100		
49	102.6	114.4	171.6#
51	30.2	35.3	52.9#
86	62.3	53.7	80.5

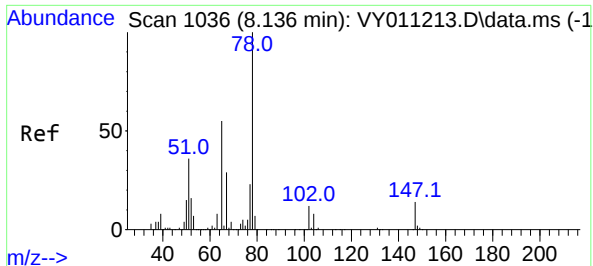


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Tgt Ion: 56 Resp: 4167

Ion	Ratio	Lower	Upper
56	100		
69	168.2	26.7	40.1#
84	160.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.056 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY011480.D

Acq: 16 Nov 2022 17:49

Instrument :

MSVOA_Y

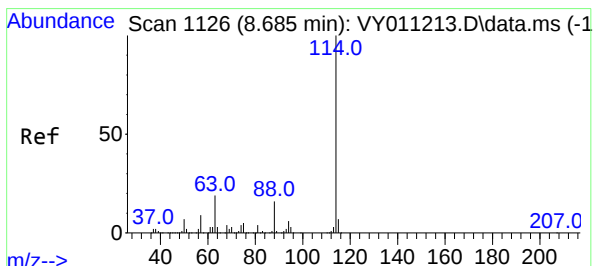
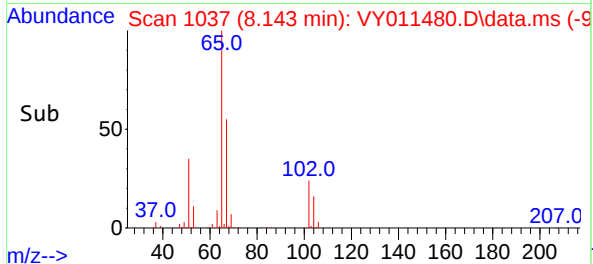
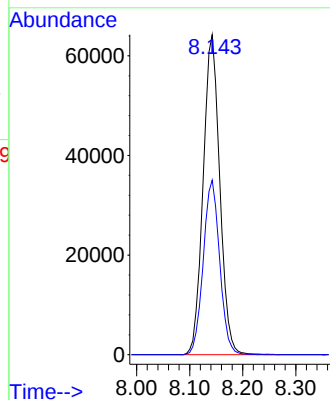
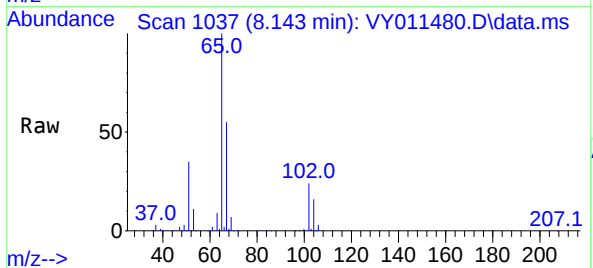
ClientSampleId :

Tgt Ion: 65 Resp: 139874

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011480.D

Acq: 16 Nov 2022 17:49

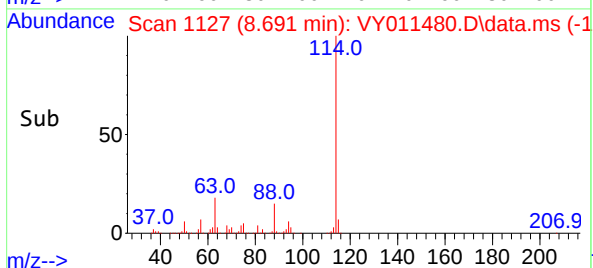
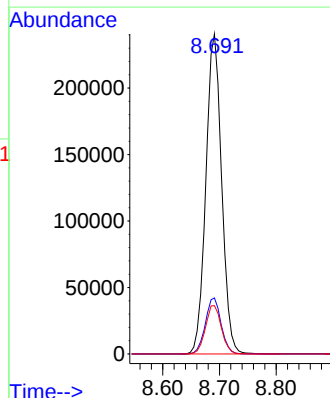
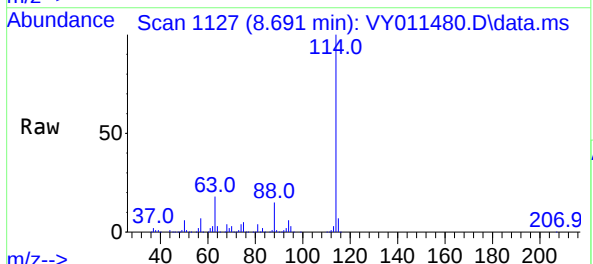
Tgt Ion: 114 Resp: 464881

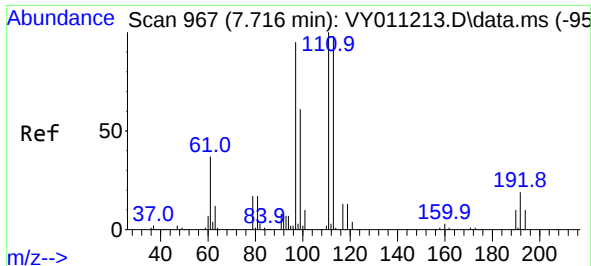
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

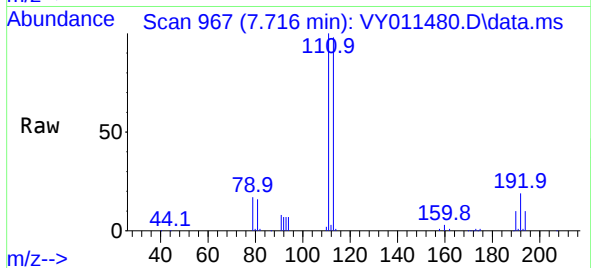
88 15.1 0.0 31.8



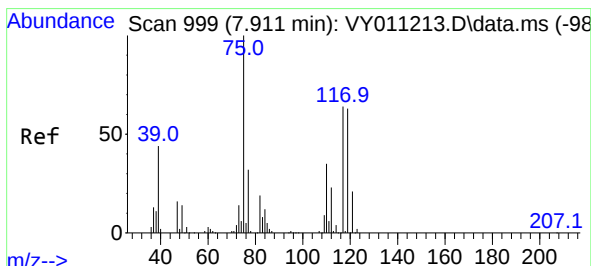
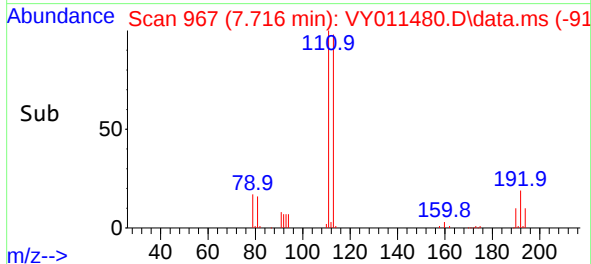
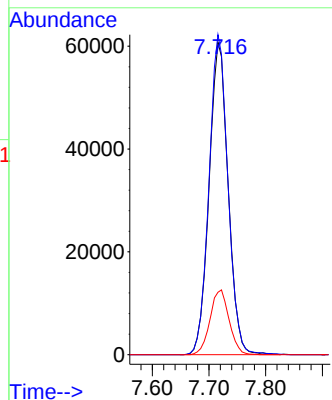


#35
Dibromofluoromethane
Concen: 54.360 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

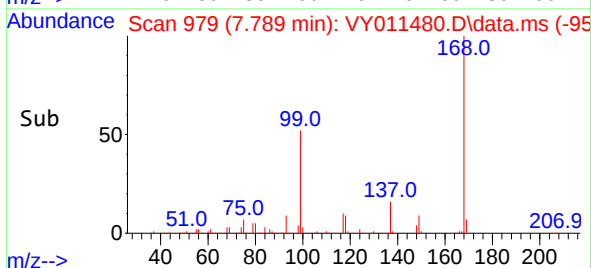
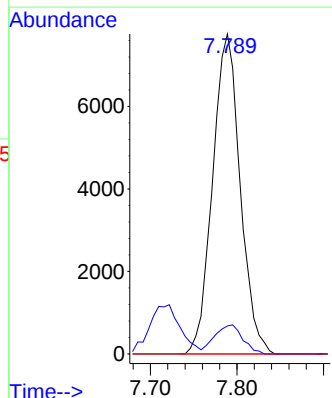
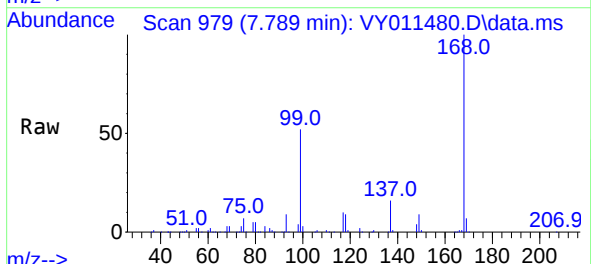


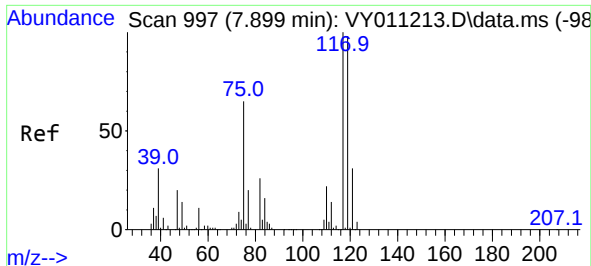
Tgt Ion:113 Resp: 141623
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.236 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

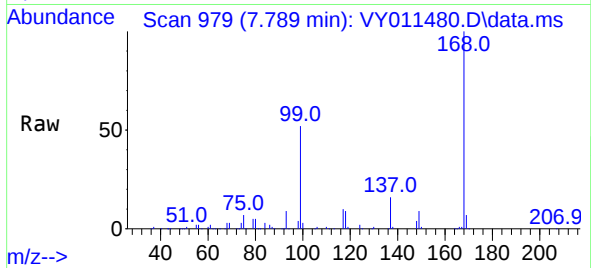
Tgt Ion: 75 Resp: 17127
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



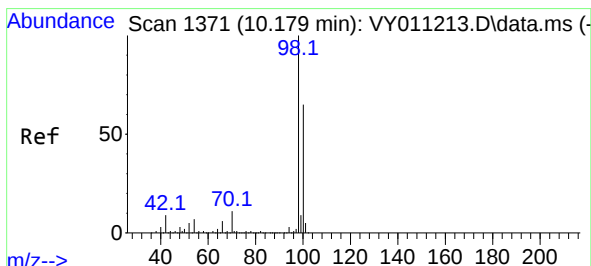
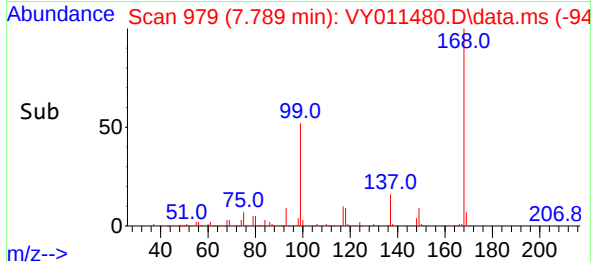
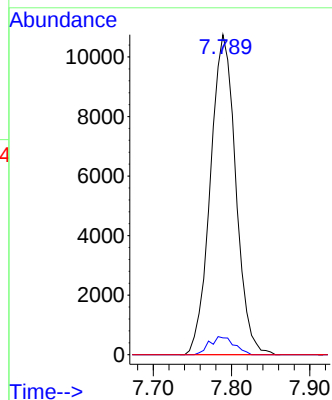


#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

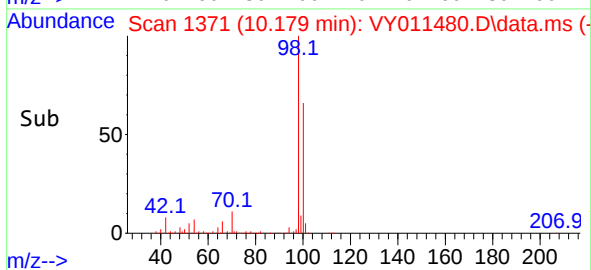
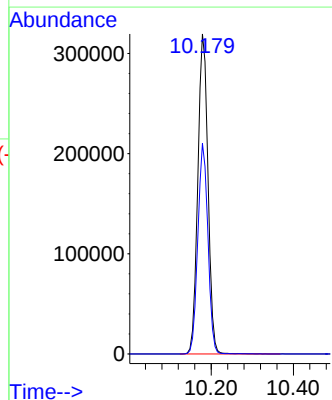
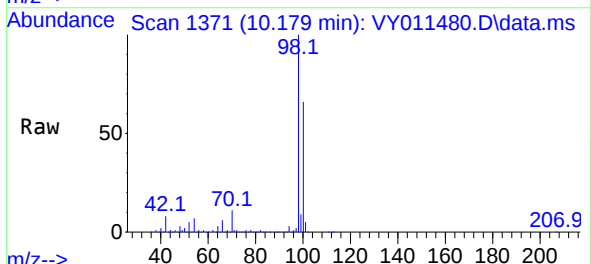


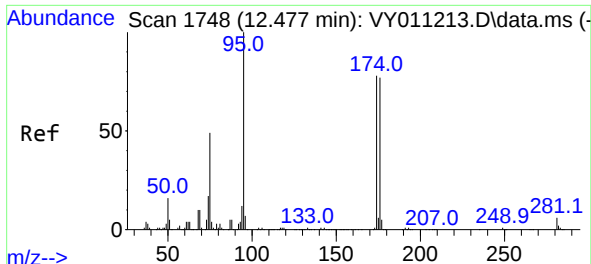
Tgt Ion:117 Resp: 24195
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.889 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

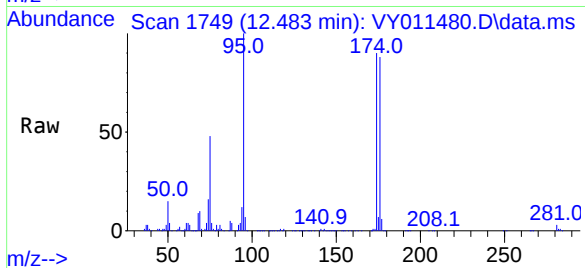
Tgt Ion: 98 Resp: 546309
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



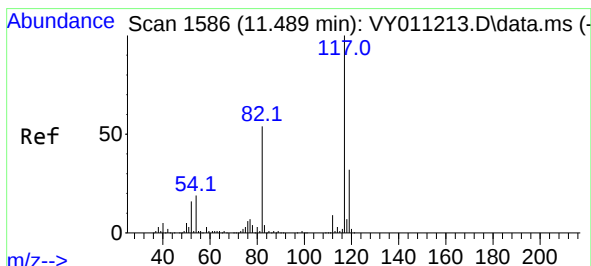
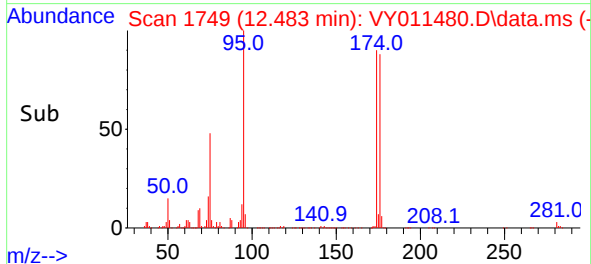
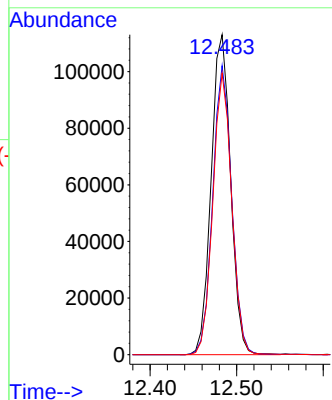


#62
4-Bromofluorobenzene
Concen: 50.828 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

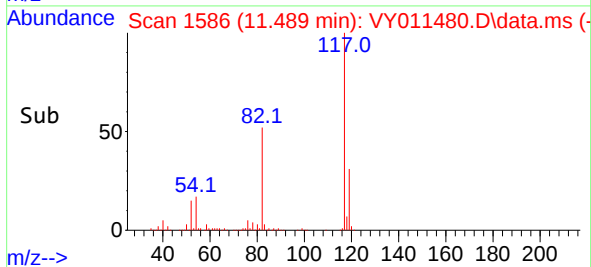
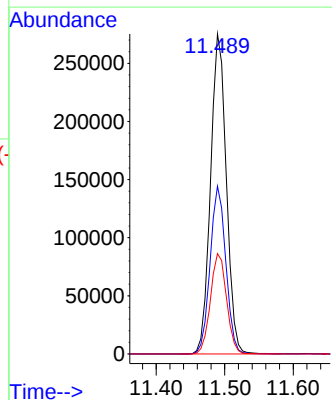
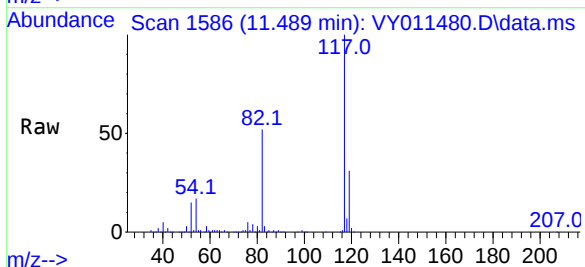


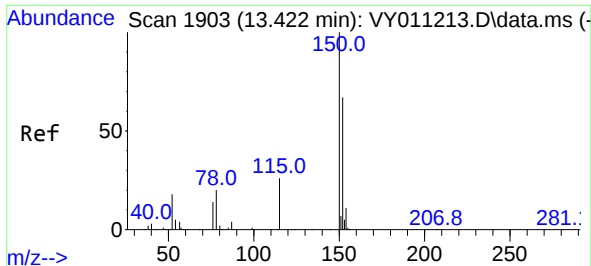
Tgt Ion: 95 Resp: 176452
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 85.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Tgt Ion: 117 Resp: 440174
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.4 25.4 38.0

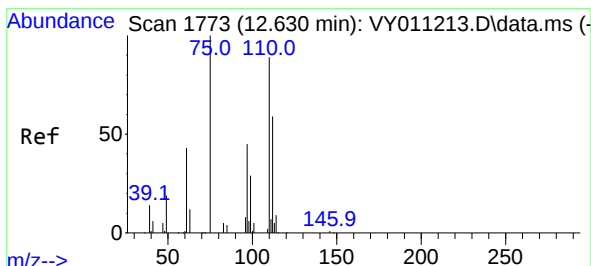
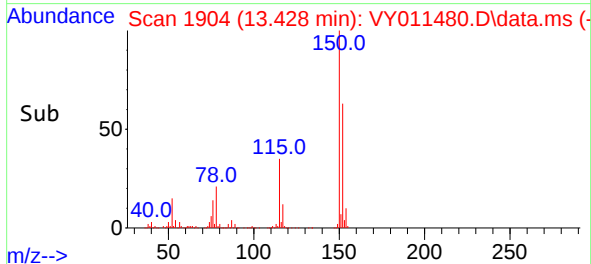
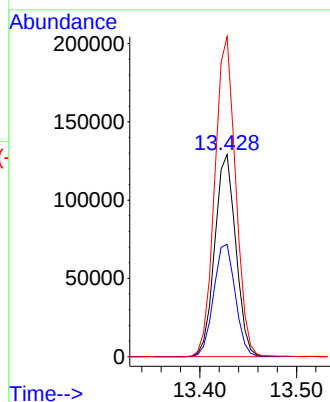
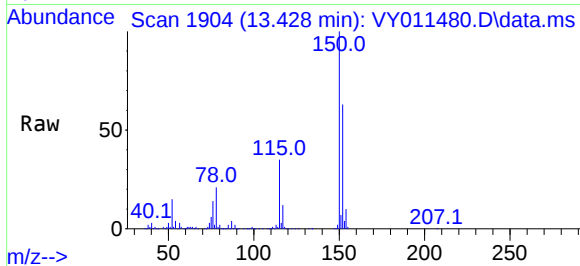




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

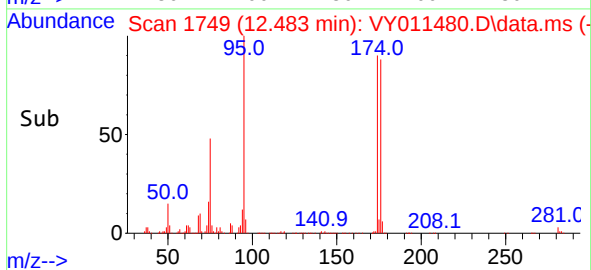
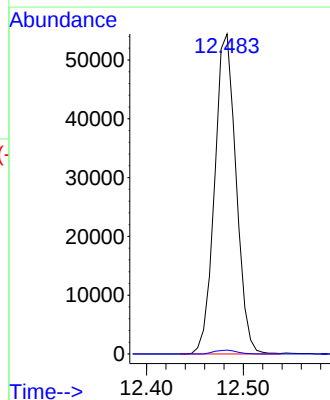
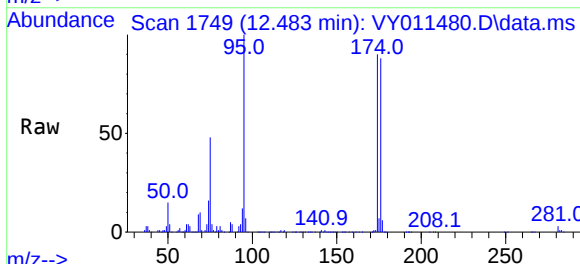
Instrument :
MSVOA_Y
ClientSampleId :

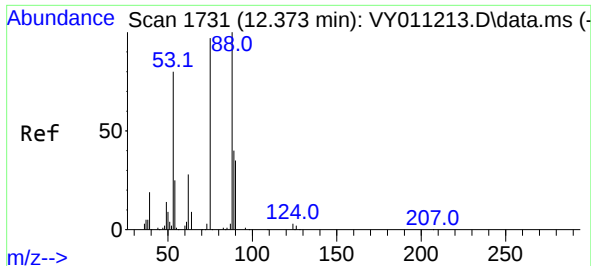
Tgt Ion:152 Resp: 195530
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.001 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Tgt Ion: 75 Resp: 83745
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

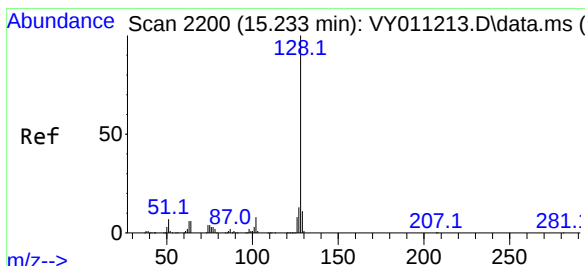
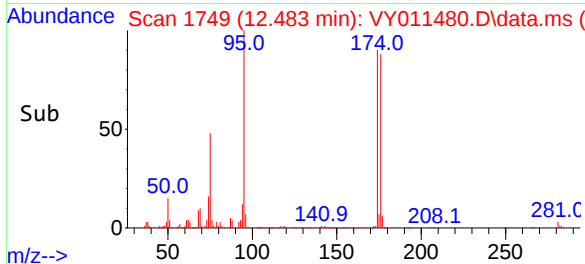
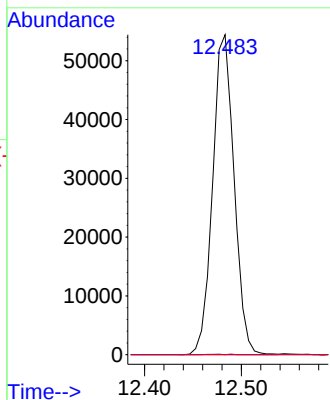
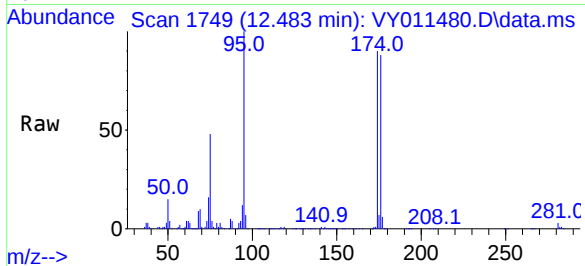




#81
trans-1,4-Dichloro-2-butene
Concen: 88.939 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 83745
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.302 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011480.D
Acq: 16 Nov 2022 17:49

Tgt Ion: 128 Resp: 211
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

