

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011483.D
 Acq On : 16 Nov 2022 18:59
 Operator : KP/MD
 Sample : N5641-13
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:17:50 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)

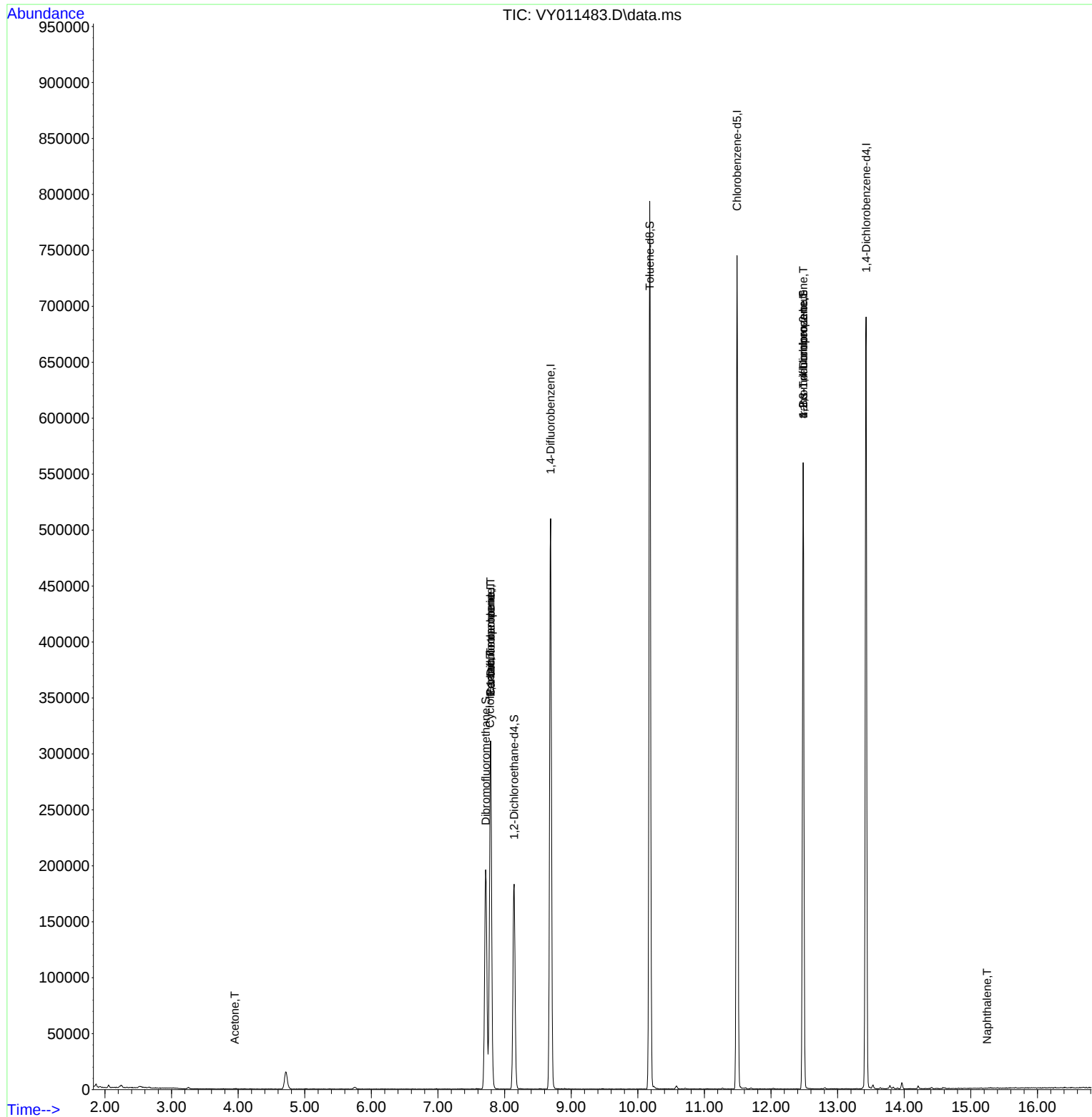
Internal Standards						
1) Pentafluorobenzene	7.789	168	251667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	461082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	436089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142892	67.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.520%	
35) Dibromofluoromethane	7.716	113	143687	55.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.220%	
50) Toluene-d8	10.179	98	541004	54.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.600%	
62) 4-Bromofluorobenzene	12.483	95	174805	50.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	72	Below Cal	#	77
16) Acetone	3.948	43	605	1.087	ug/l #	88
18) Methyl Acetate	4.485	43	172	Below Cal	#	56
20) Methylene Chloride	4.716	84	13050	Below Cal	#	73
31) Cyclohexane	7.783	56	4119	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16653	4.152	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24102	5.525	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	82889	37.404	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82889	89.908	ug/l #	7
95) Naphthalene	15.245	128	142	3.294	ug/l #	69

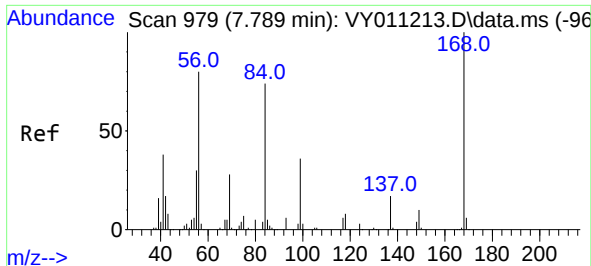
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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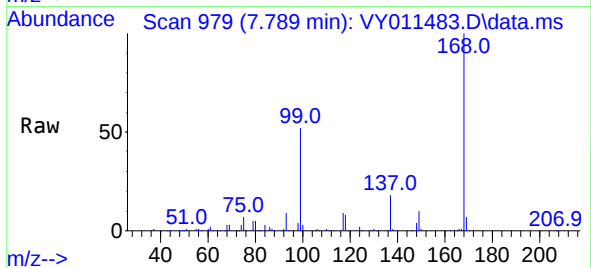
Quant Time: Nov 17 03:17:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
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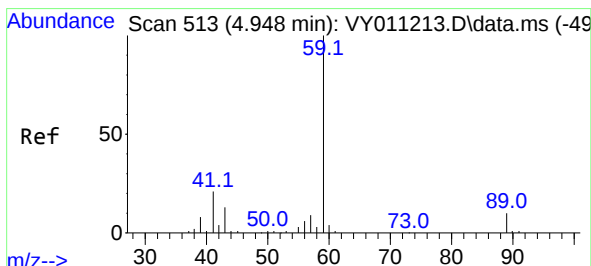
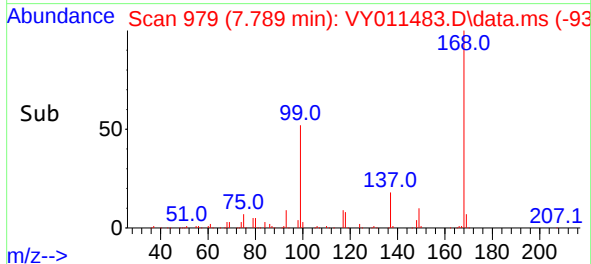
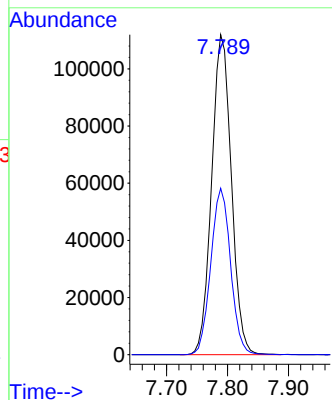


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :

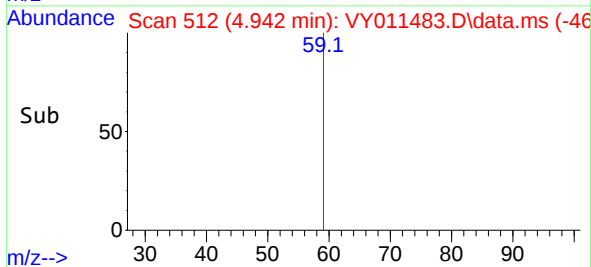
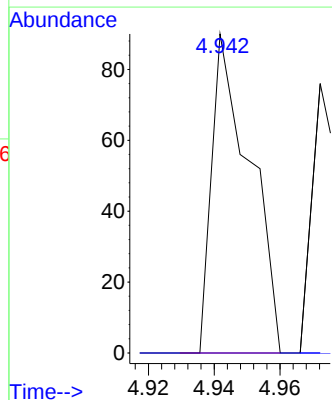
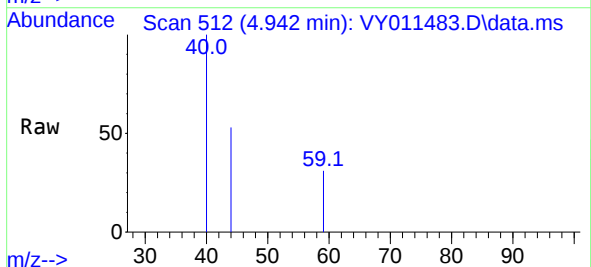


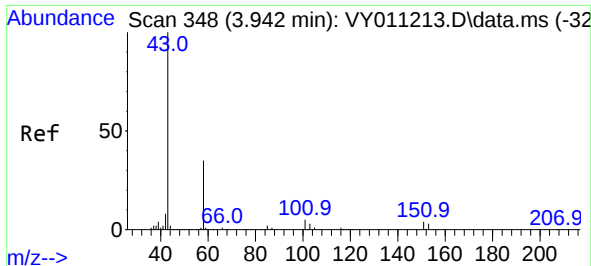
Tgt Ion:168 Resp: 251667
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

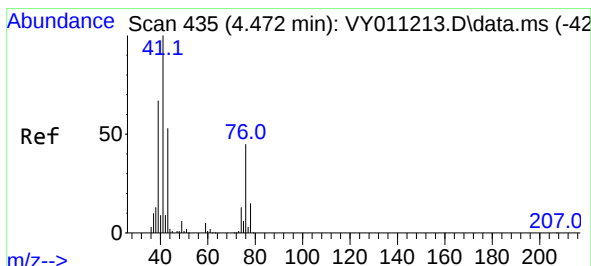
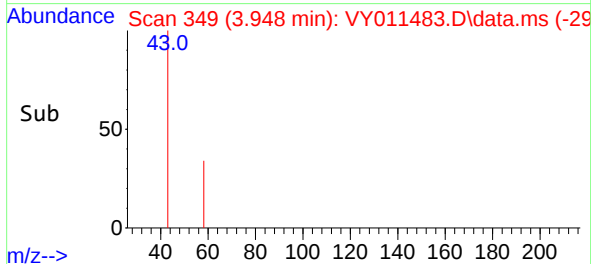
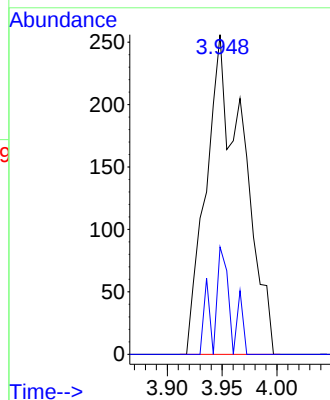
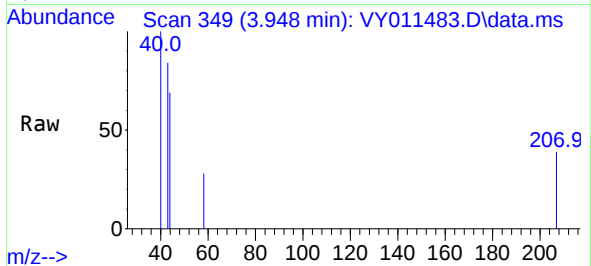




#16
Acetone
Concen: 1.087 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

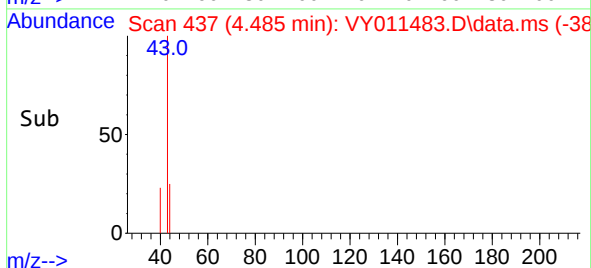
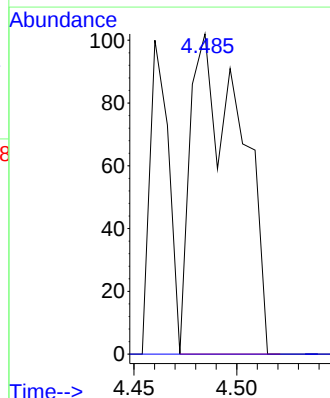
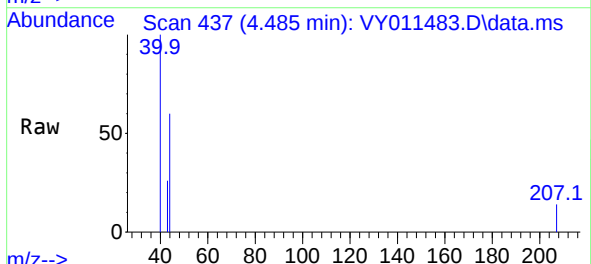
Instrument :
MSVOA_Y
ClientSampleId :

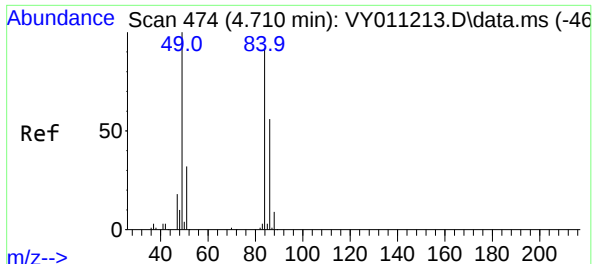
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

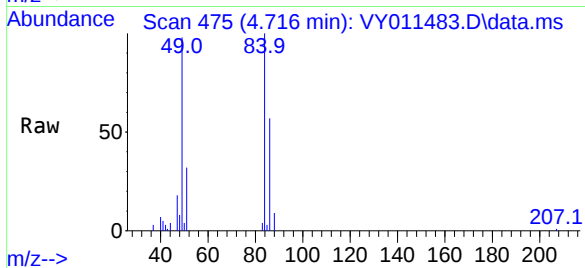
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



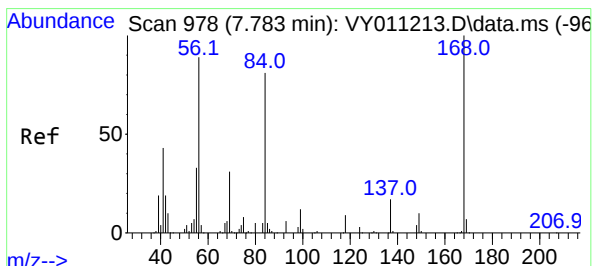
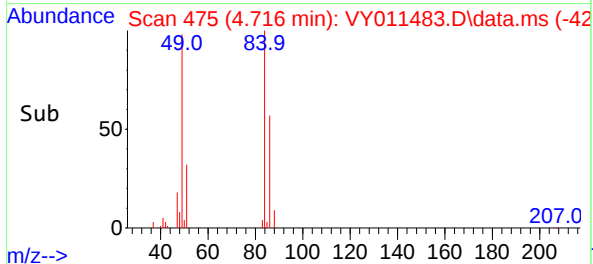
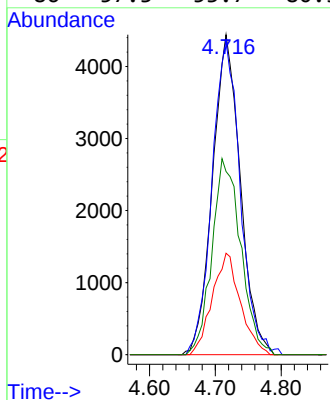


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :

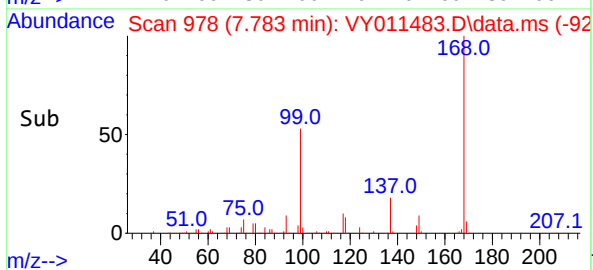
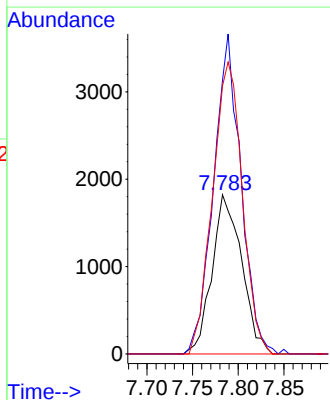
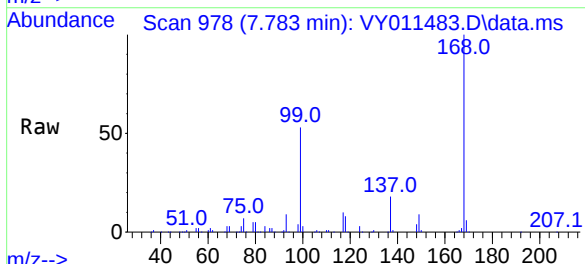


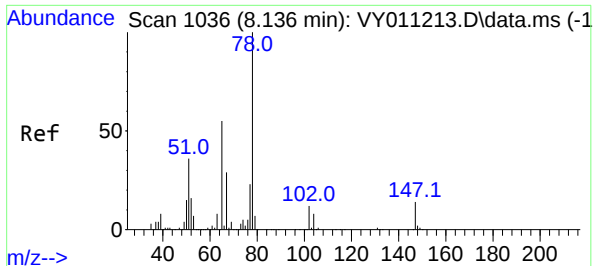
Tgt Ion: 84 Resp: 13050
Ion Ratio Lower Upper
84 100
49 98.1 114.4 171.6#
51 31.7 35.3 52.9#
86 57.3 53.7 80.5



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Tgt Ion: 56 Resp: 4119
Ion Ratio Lower Upper
56 100
69 171.7 26.7 40.1#
84 168.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.757 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011483.D

Acq: 16 Nov 2022 18:59

Instrument :

MSVOA_Y

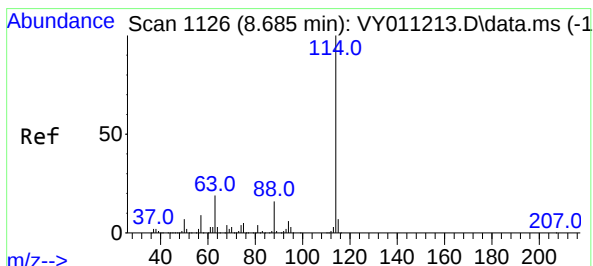
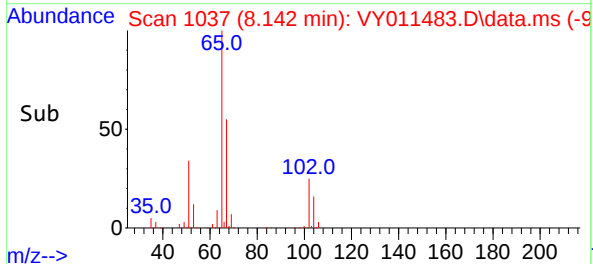
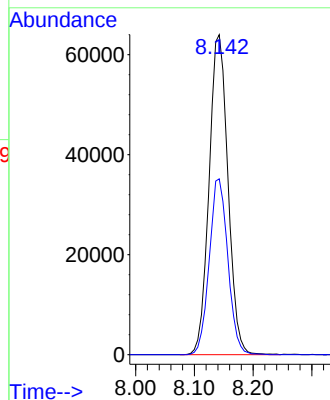
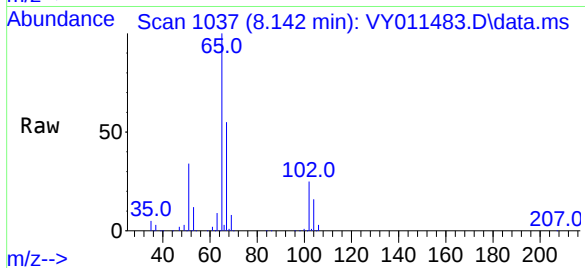
ClientSampleId :

Tgt Ion: 65 Resp: 142892

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011483.D

Acq: 16 Nov 2022 18:59

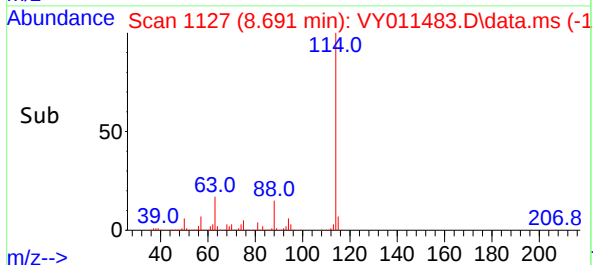
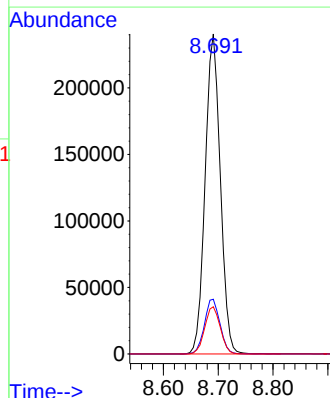
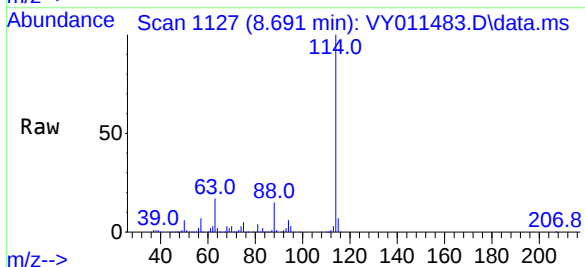
Tgt Ion: 114 Resp: 461082

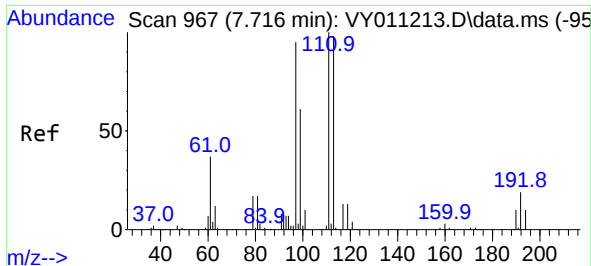
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

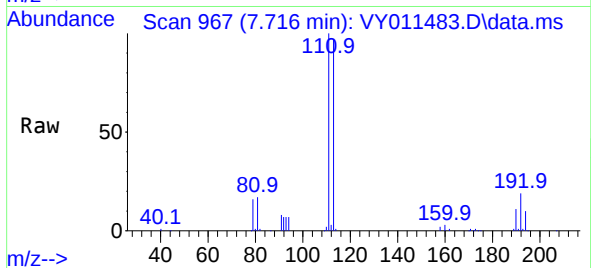
88 14.7 0.0 31.8



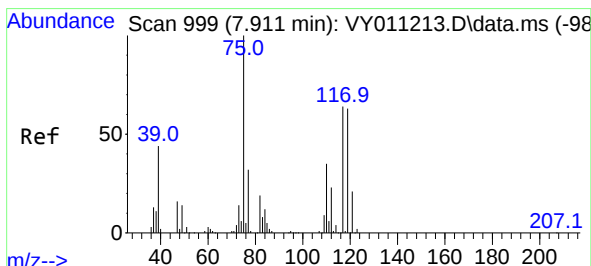
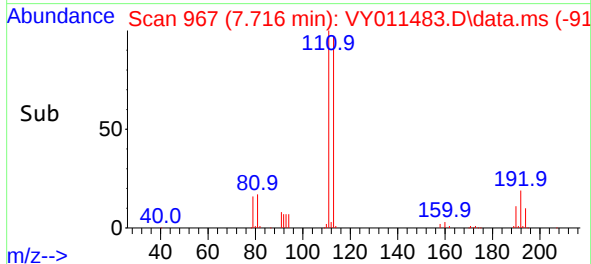
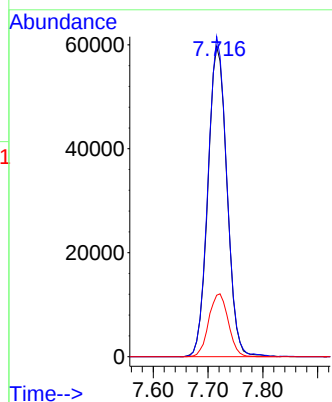


#35
Dibromofluoromethane
Concen: 55.606 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :

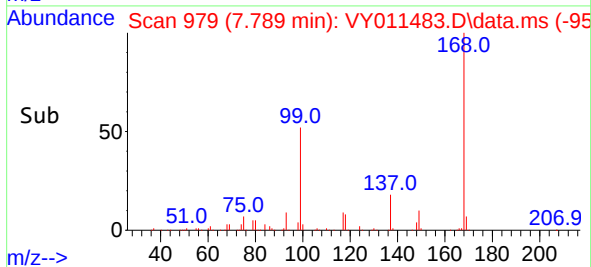
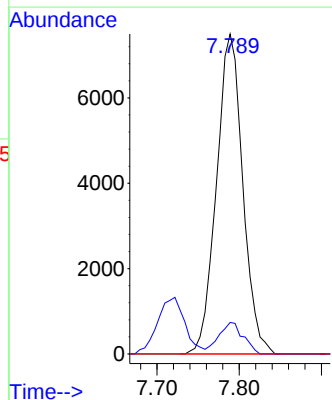
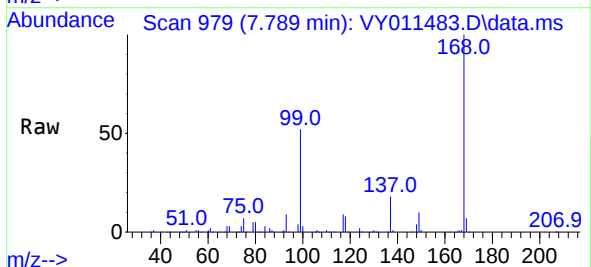


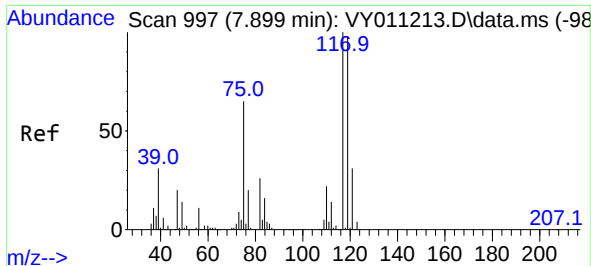
Tgt Ion:113 Resp: 143687
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.152 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

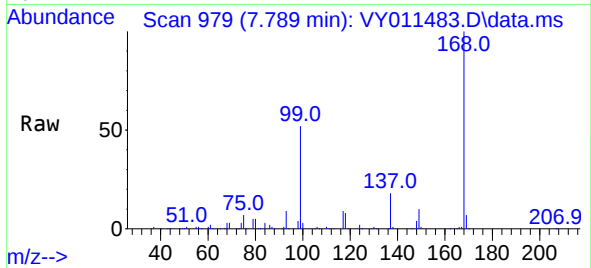
Tgt Ion: 75 Resp: 16653
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



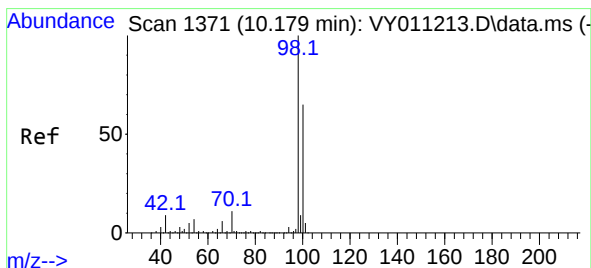
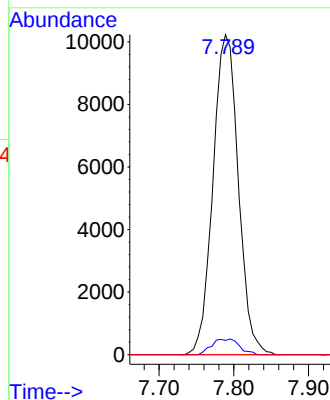
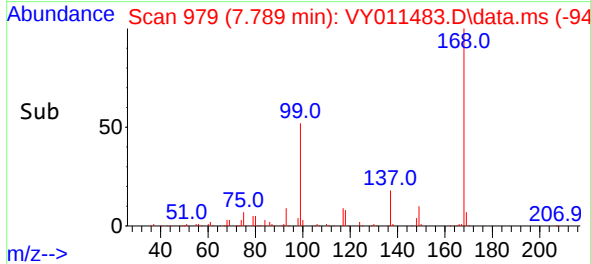


#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :

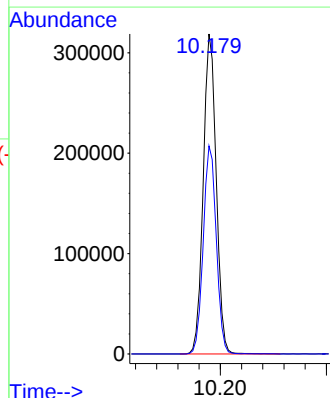
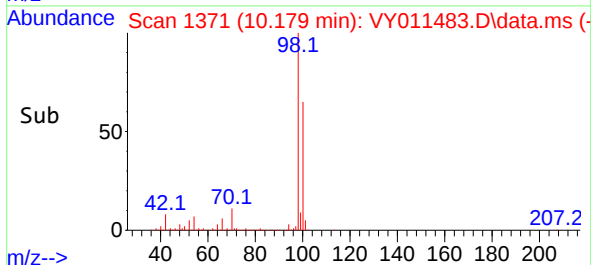
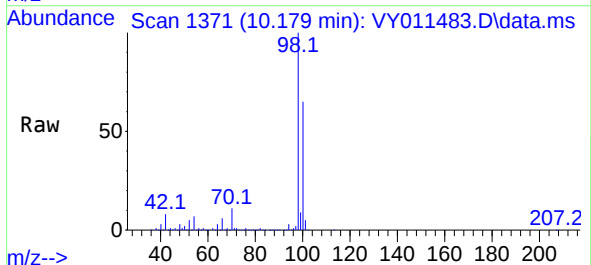


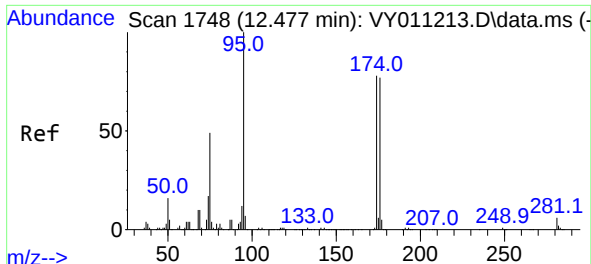
Tgt Ion:117 Resp: 24102
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.804 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Tgt Ion: 98 Resp: 541004
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

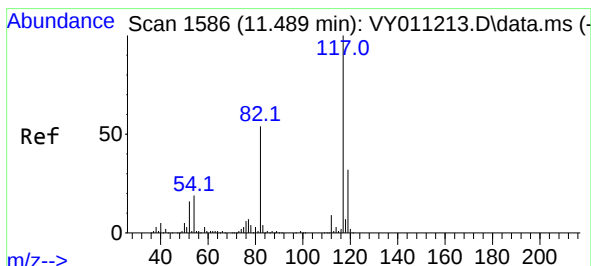
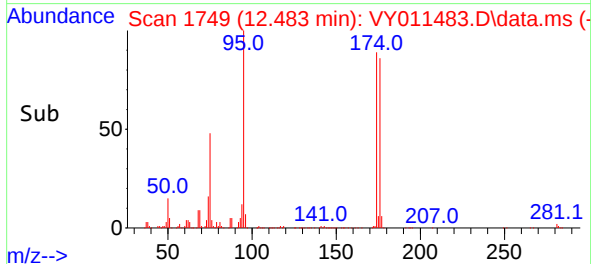
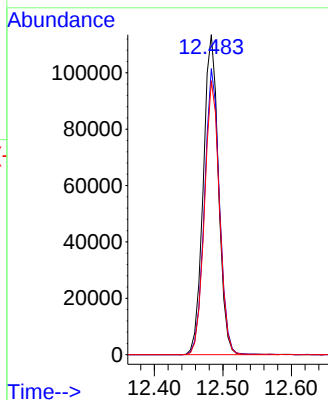
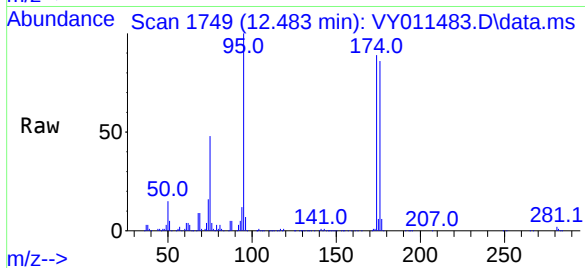




#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

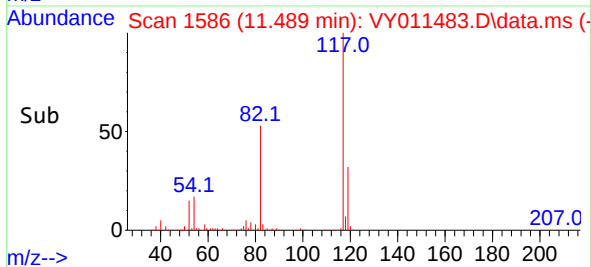
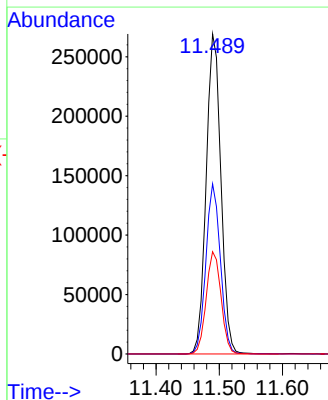
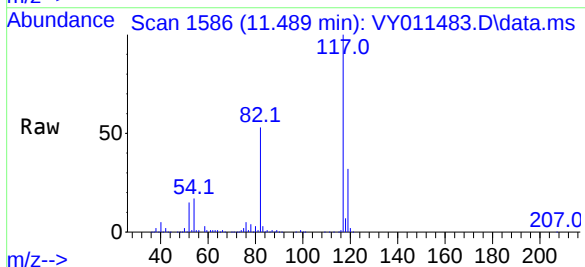
Instrument :
MSVOA_Y
ClientSampleId :

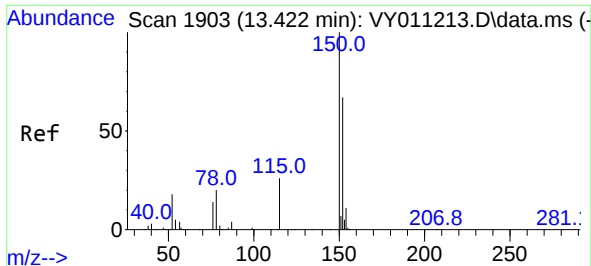
Tgt Ion: 95 Resp: 174805
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 84.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Tgt Ion: 117 Resp: 436089
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.9 25.4 38.0

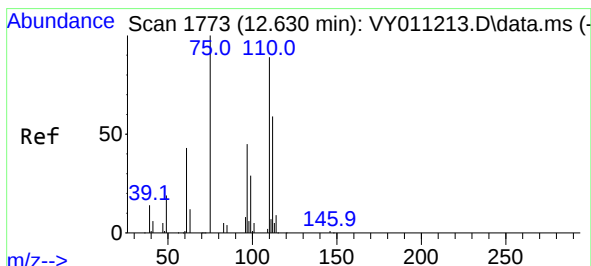
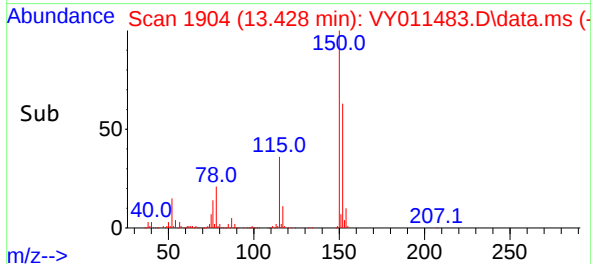
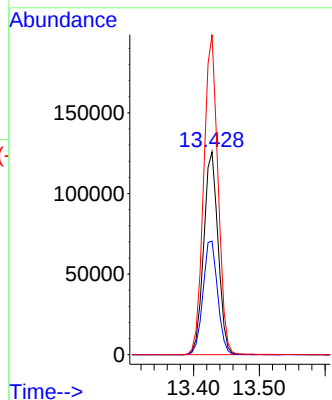
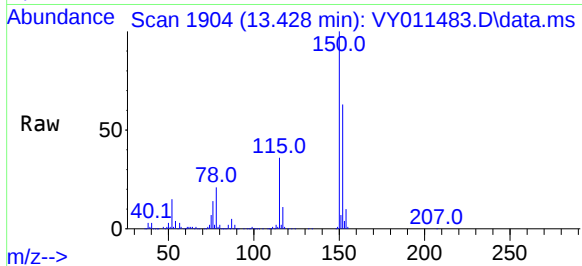




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011483.D
 Acq: 16 Nov 2022 18:59

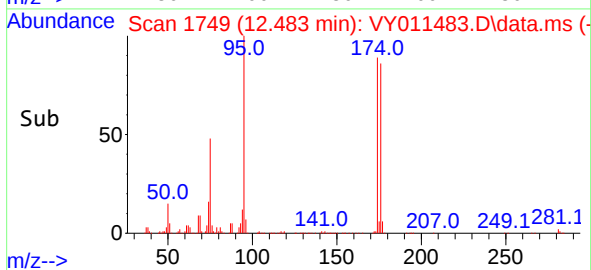
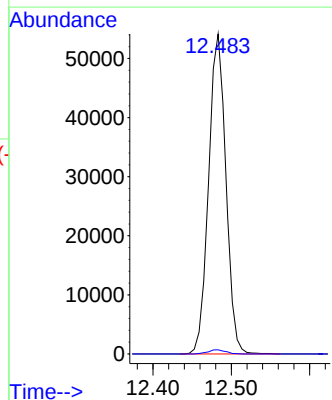
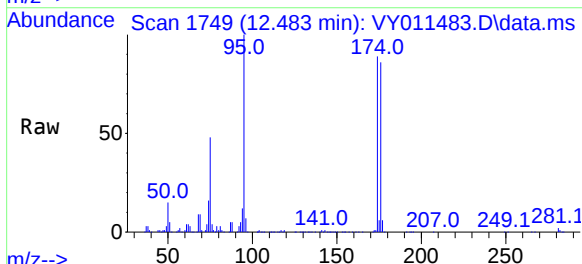
Instrument :
 MSVOA_Y
 ClientSampleId :

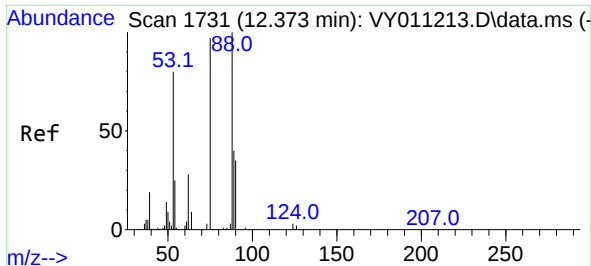
Tgt Ion:152 Resp: 191445
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 37.404 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011483.D
 Acq: 16 Nov 2022 18:59

Tgt Ion: 75 Resp: 82889
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

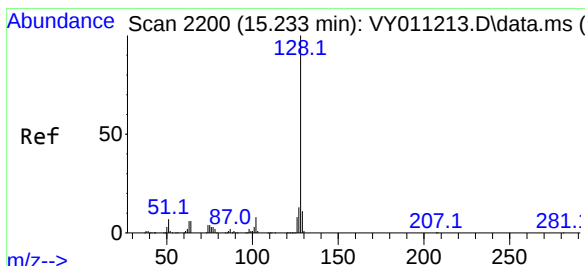
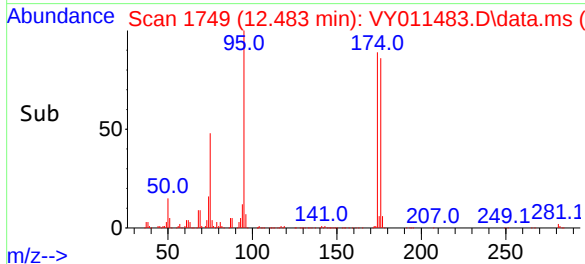
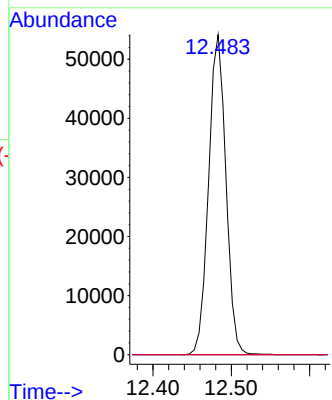
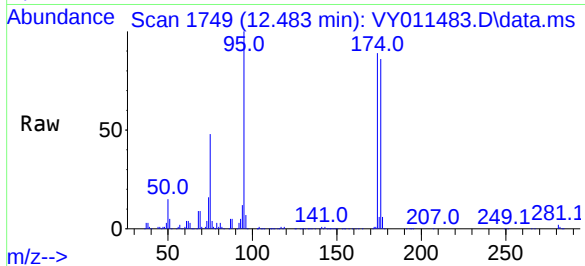




#81
trans-1,4-Dichloro-2-butene
Concen: 89.908 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 82889
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.294 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY011483.D
Acq: 16 Nov 2022 18:59

Tgt Ion: 128 Resp: 142
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

