

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011477.D
 Acq On : 16 Nov 2022 16:39
 Operator : KP/MD
 Sample : N5641-07
 Misc : 7.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:17:02 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)

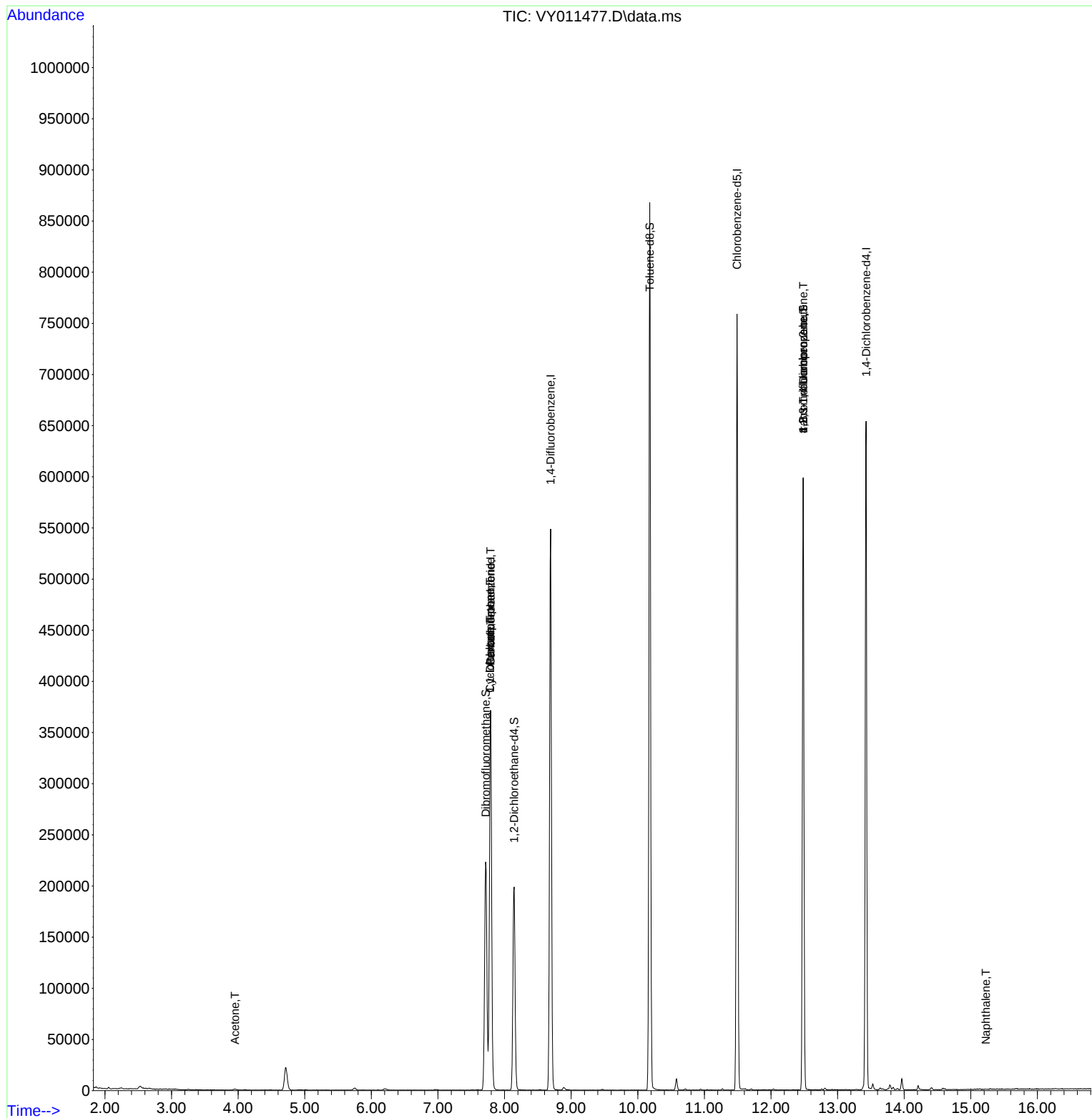
Internal Standards						
1) Pentafluorobenzene	7.789	168	304524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	499187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	437400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	157107	61.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.140%	
35) Dibromofluoromethane	7.716	113	165804	59.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.540%	
50) Toluene-d8	10.179	98	586794	54.905	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.800%	
62) 4-Bromofluorobenzene	12.483	95	187786	50.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.760%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	309	Below Cal	#	77
16) Acetone	3.954	43	1698	2.522	ug/l	98
18) Methyl Acetate	4.473	43	213	Below Cal	#	56
20) Methylene Chloride	4.716	84	18161	Below Cal	#	72
31) Cyclohexane	7.783	56	4659	1.016	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	20115	4.633	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	28831	6.104	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	88650	41.975	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	88650	100.895	ug/l	# 7
95) Naphthalene	15.227	128	193	3.301	ug/l	# 69

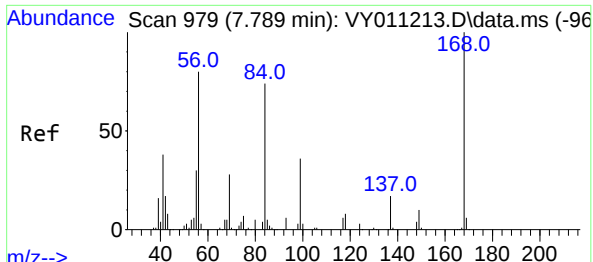
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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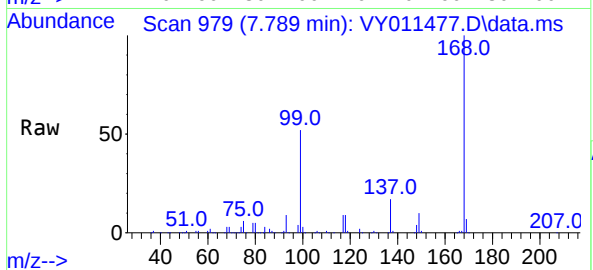
Quant Time: Nov 17 03:17:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
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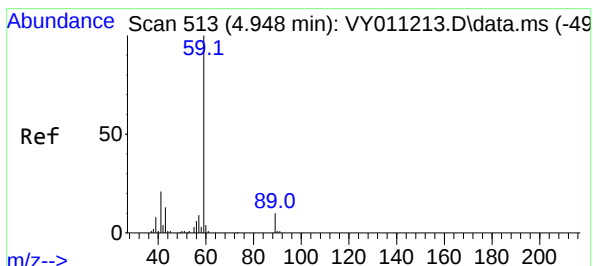
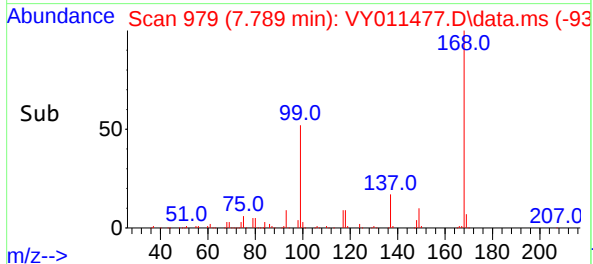
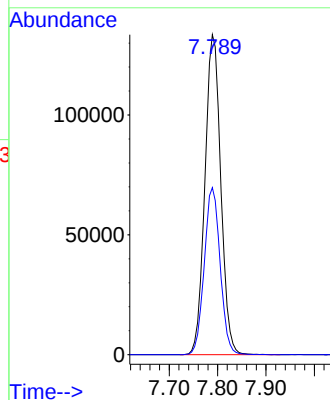


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

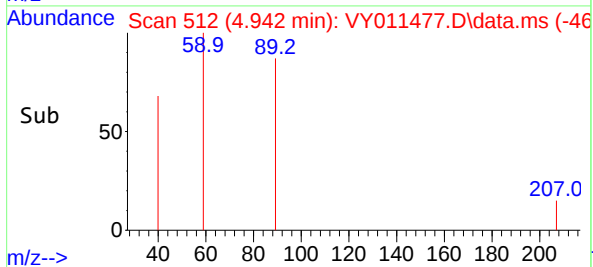
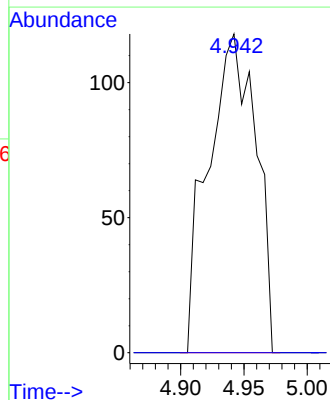
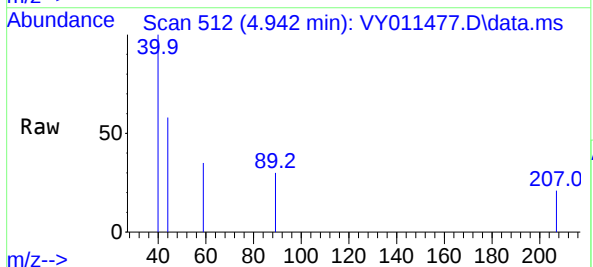


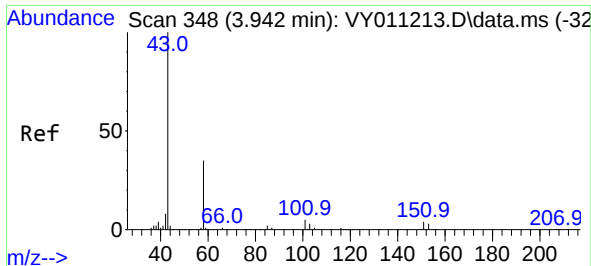
Tgt Ion:168 Resp: 304524
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

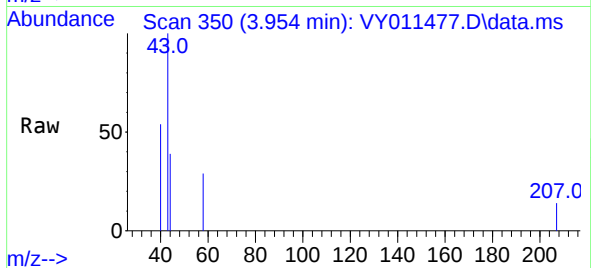
Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



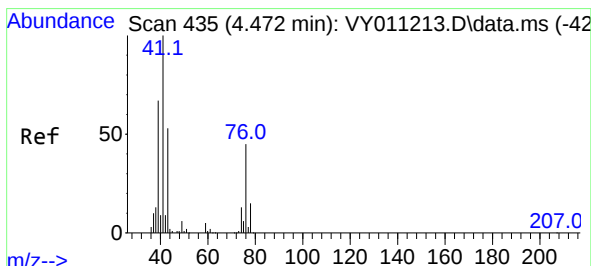
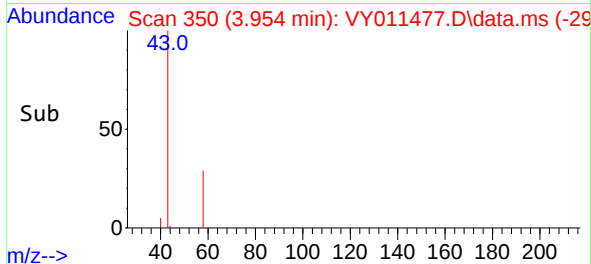
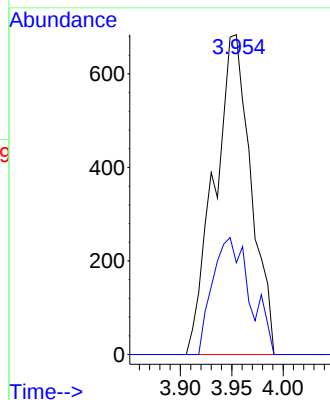


#16
Acetone
Concen: 2.522 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

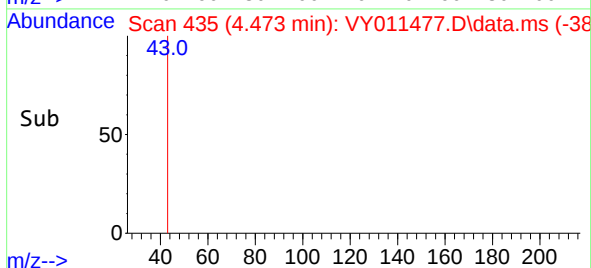
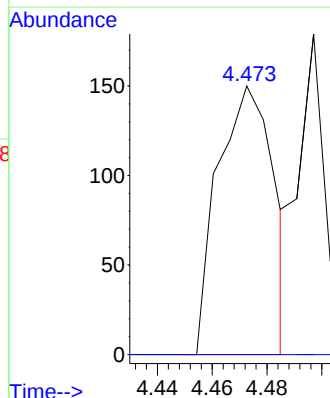
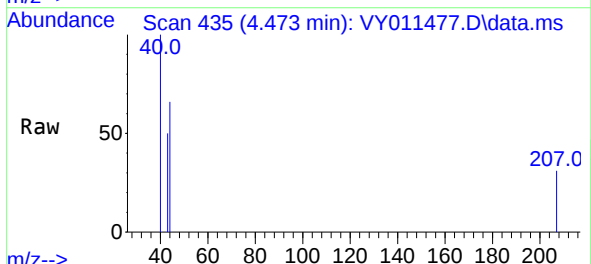


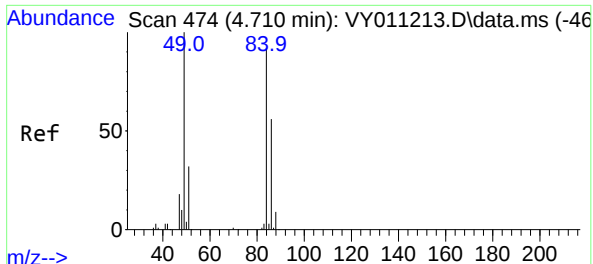
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

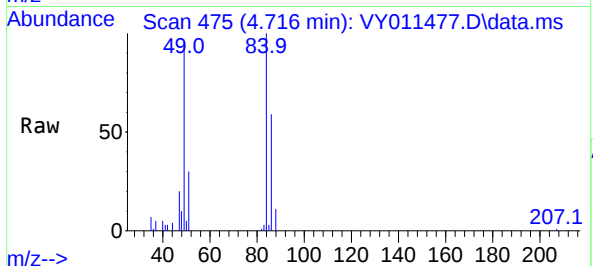
Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





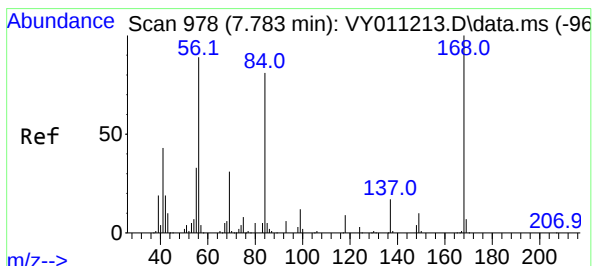
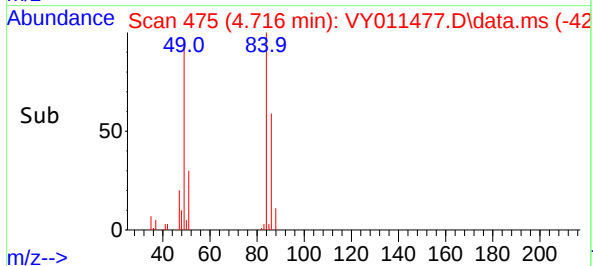
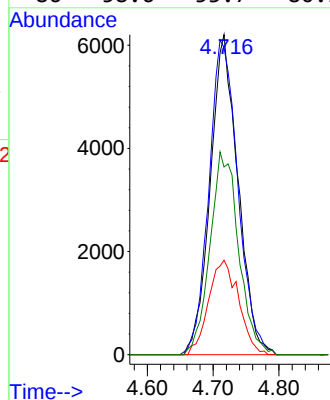
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 18161

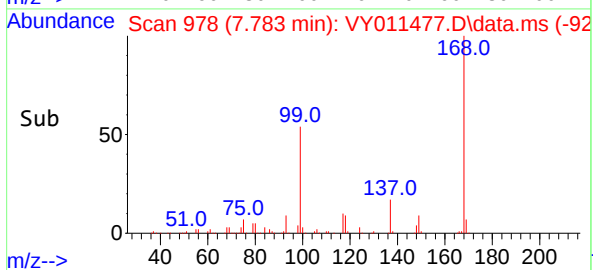
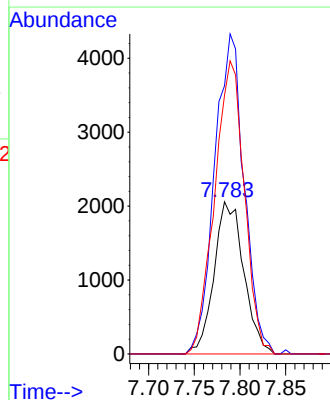
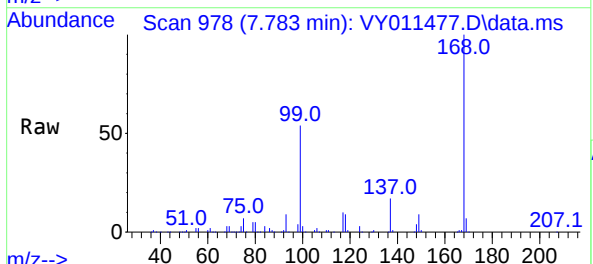
Ion	Ratio	Lower	Upper
84	100		
49	95.9	114.4	171.6#
51	29.5	35.3	52.9#
86	58.6	53.7	80.5

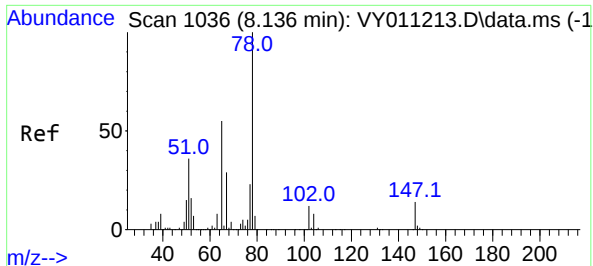


#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Tgt Ion: 56 Resp: 4659

Ion	Ratio	Lower	Upper
56	100		
69	176.3	26.7	40.1#
84	170.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.567 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY011477.D

Acq: 16 Nov 2022 16:39

Instrument :

MSVOA_Y

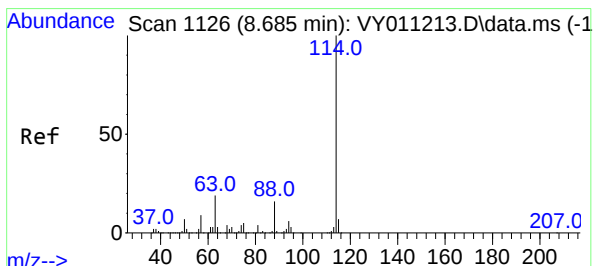
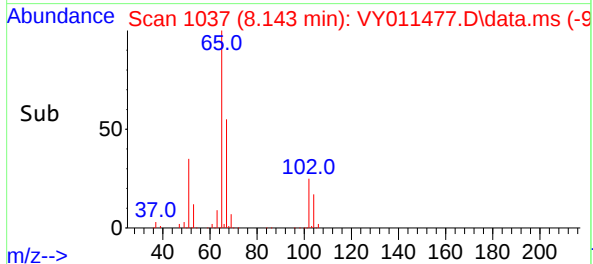
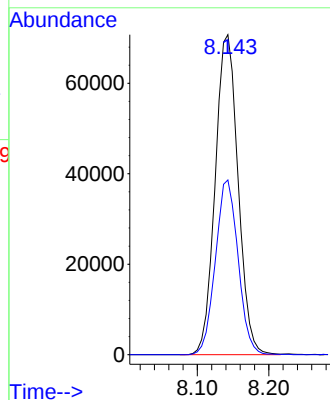
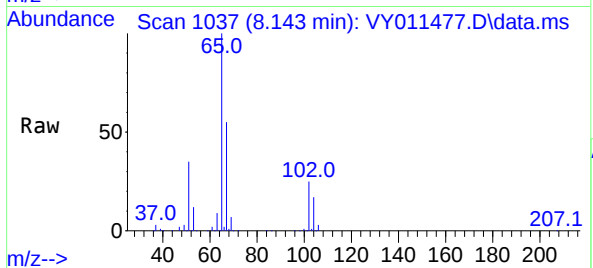
ClientSampleId :

Tgt Ion: 65 Resp: 157107

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: VY011477.D

Acq: 16 Nov 2022 16:39

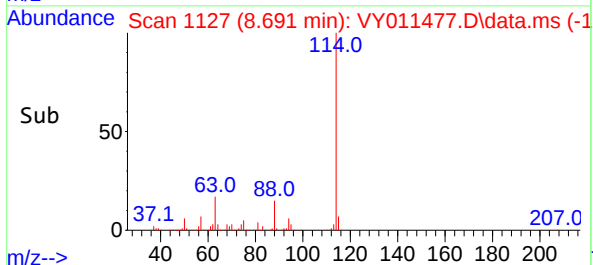
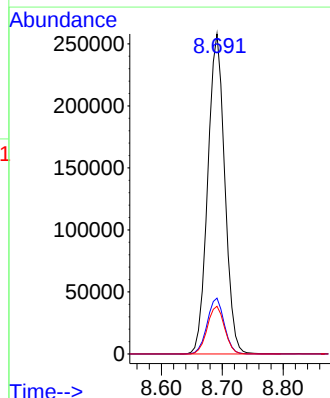
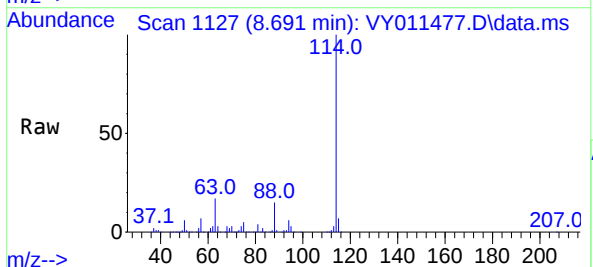
Tgt Ion: 114 Resp: 499187

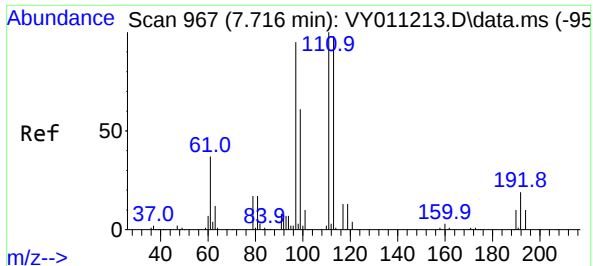
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

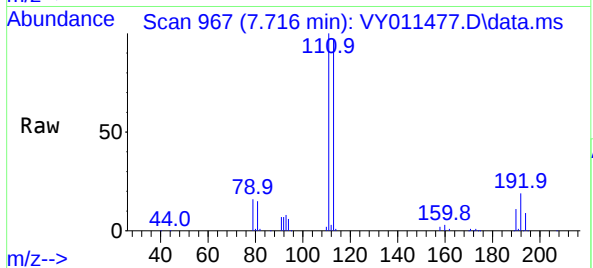
88 14.9 0.0 31.8



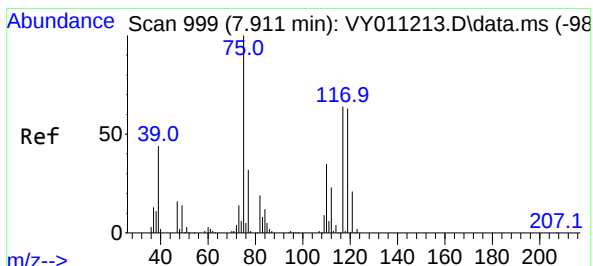
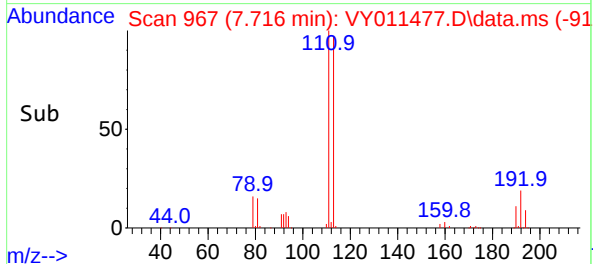
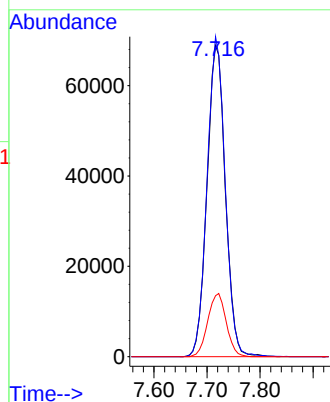


#35
Dibromofluoromethane
Concen: 59.267 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

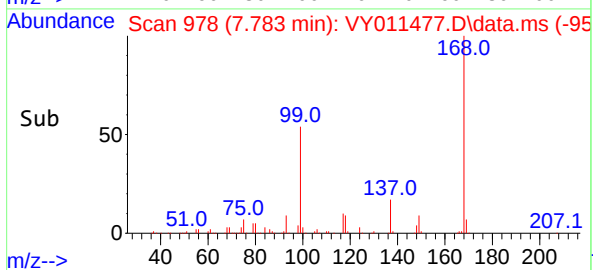
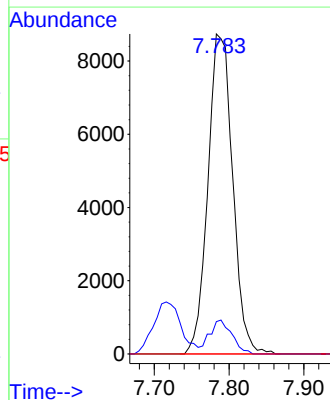
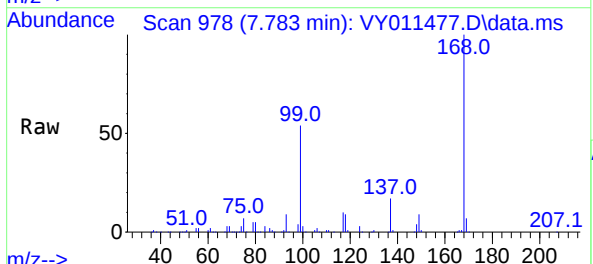


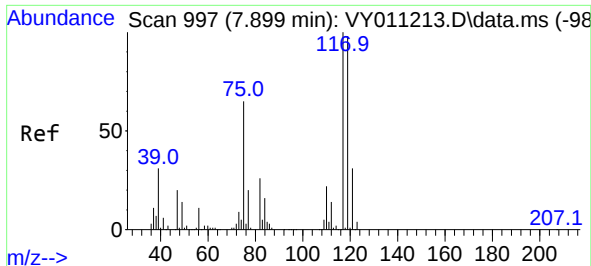
Tgt Ion:113 Resp: 165804
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

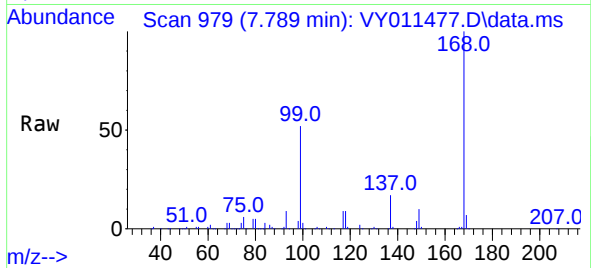
Tgt Ion: 75 Resp: 20115
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



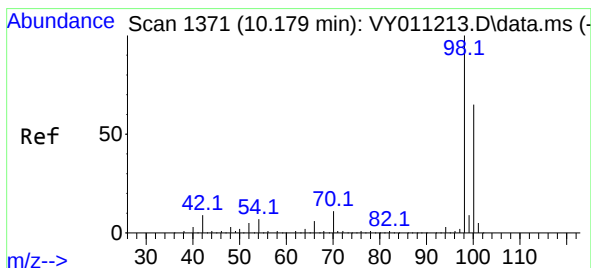
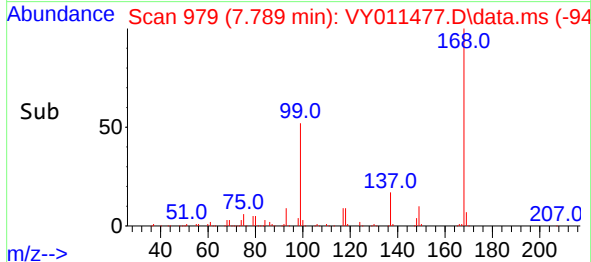
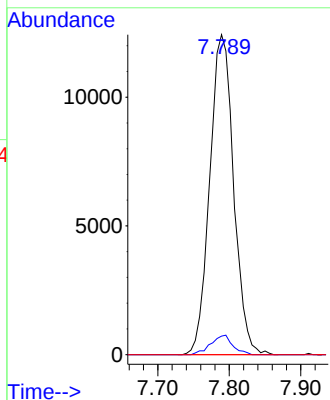


#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

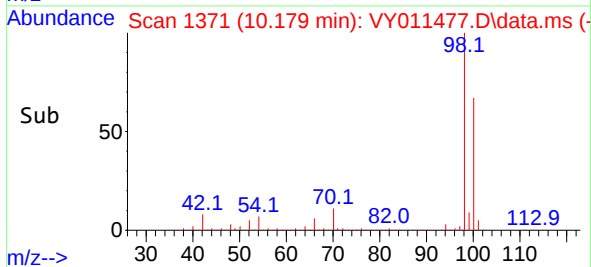
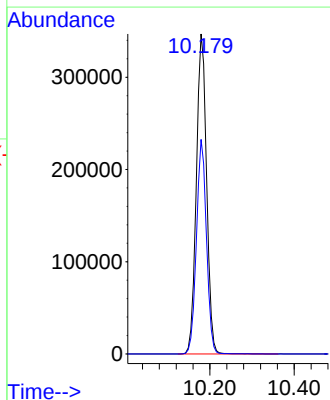
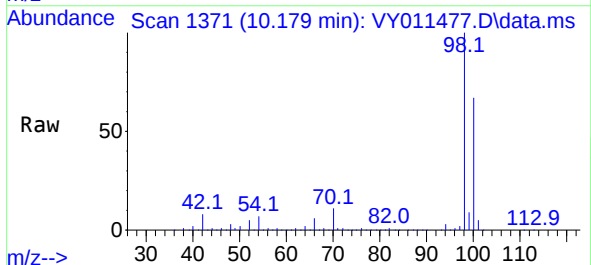


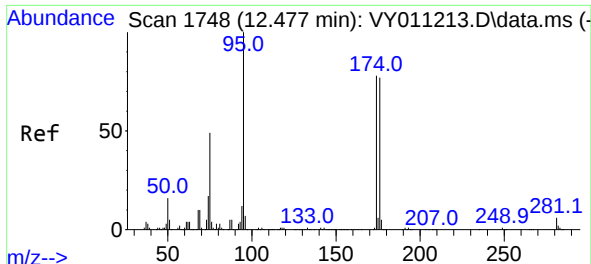
Tgt Ion:117 Resp: 28831
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.905 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Tgt Ion: 98 Resp: 586794
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

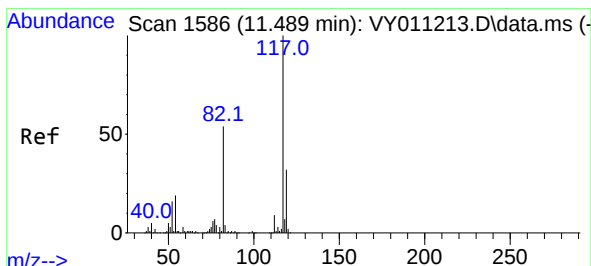
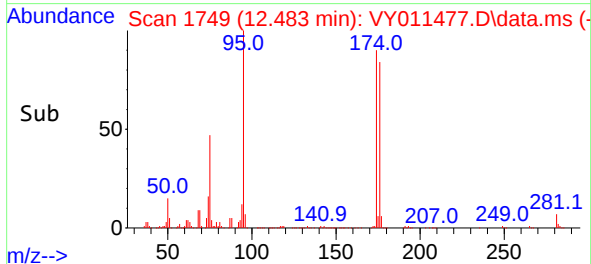
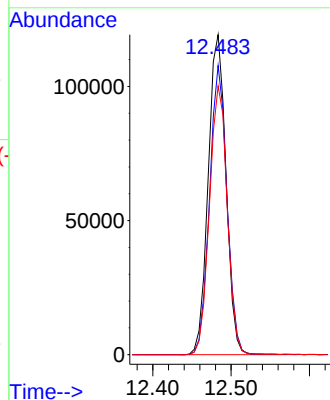
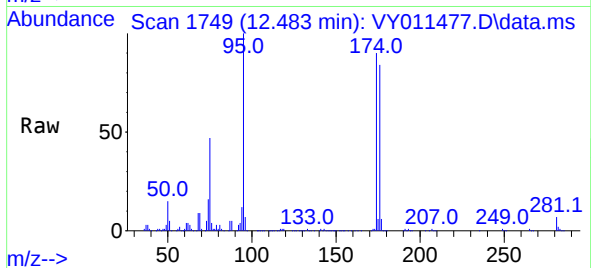




#62
4-Bromofluorobenzene
Concen: 50.376 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

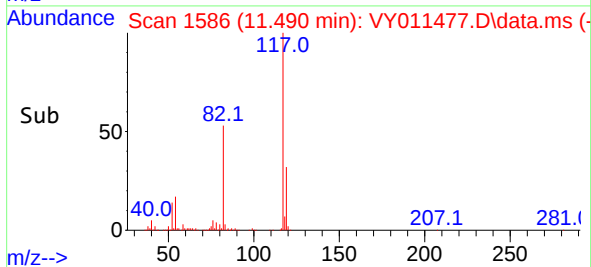
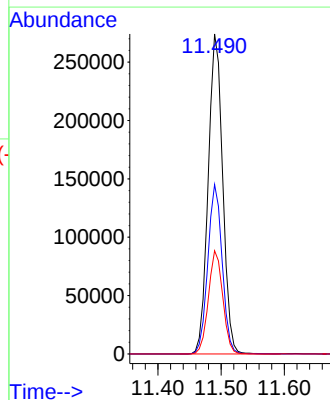
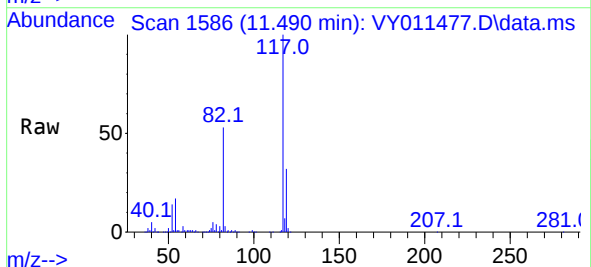
Instrument :
MSVOA_Y
ClientSampleId :

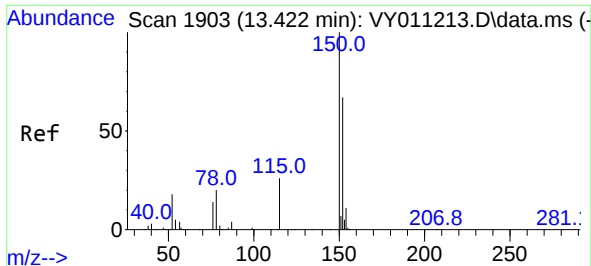
Tgt Ion: 95 Resp: 187786
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 83.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Tgt Ion: 117 Resp: 437400
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.2 25.4 38.0

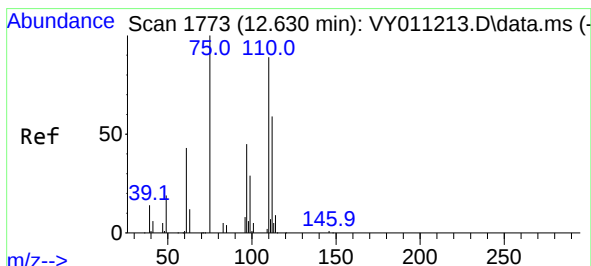
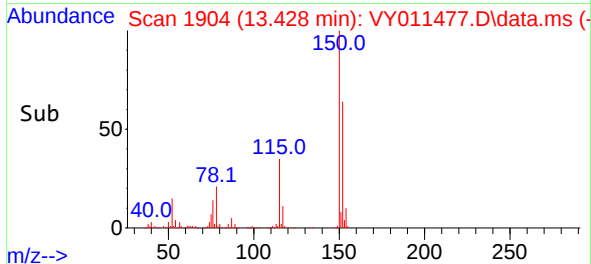
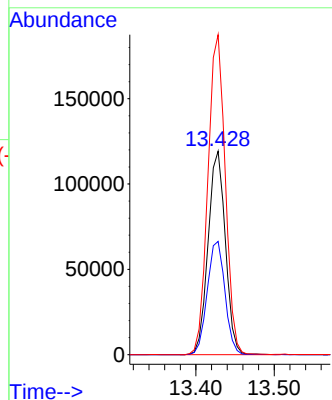
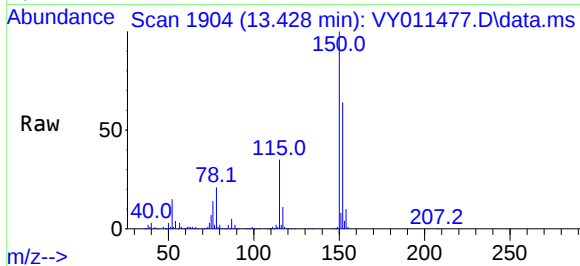




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011477.D
 Acq: 16 Nov 2022 16:39

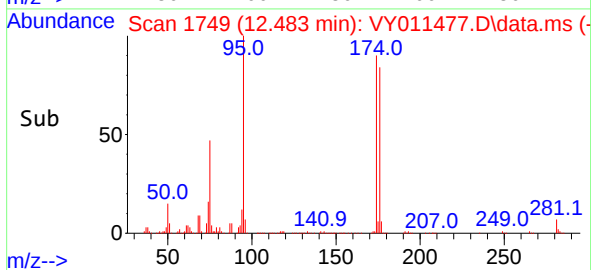
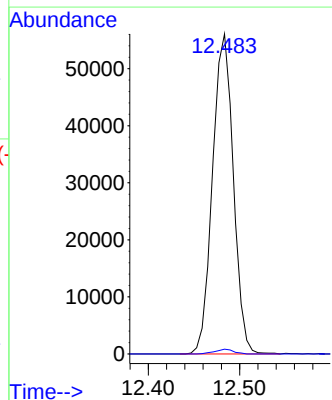
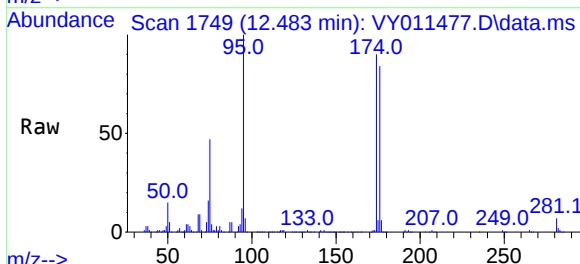
Instrument :
 MSVOA_Y
 ClientSampleId :

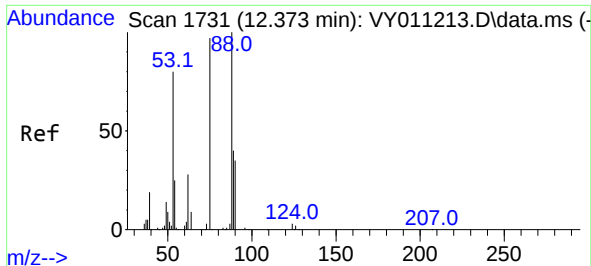
Tgt Ion:152 Resp: 182455
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.975 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011477.D
 Acq: 16 Nov 2022 16:39

Tgt Ion: 75 Resp: 88650
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

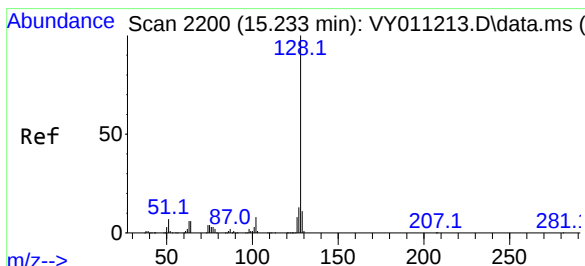
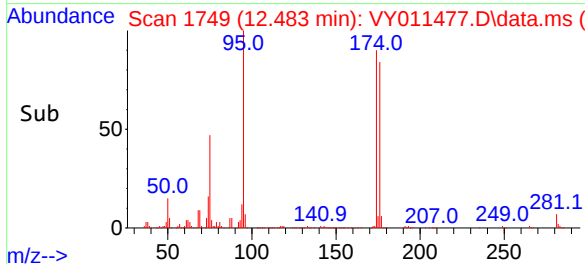
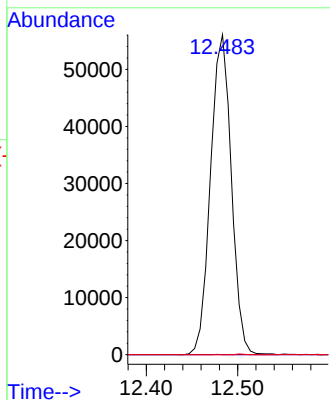
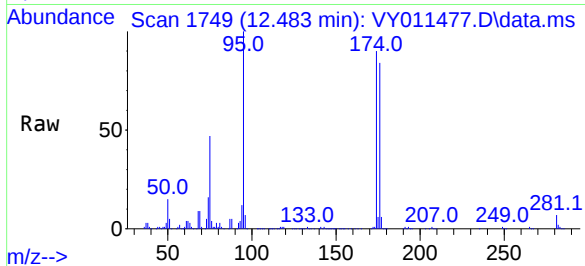




#81
trans-1,4-Dichloro-2-butene
Concen: 100.895 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 88650
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.301 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Tgt Ion:128 Resp: 193
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

