

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008159.D
 Acq On : 01 Apr 2022 14:30
 Operator : SY/MD
 Sample : N2220-01
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A10015

Quant Time: Apr 02 03:56:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

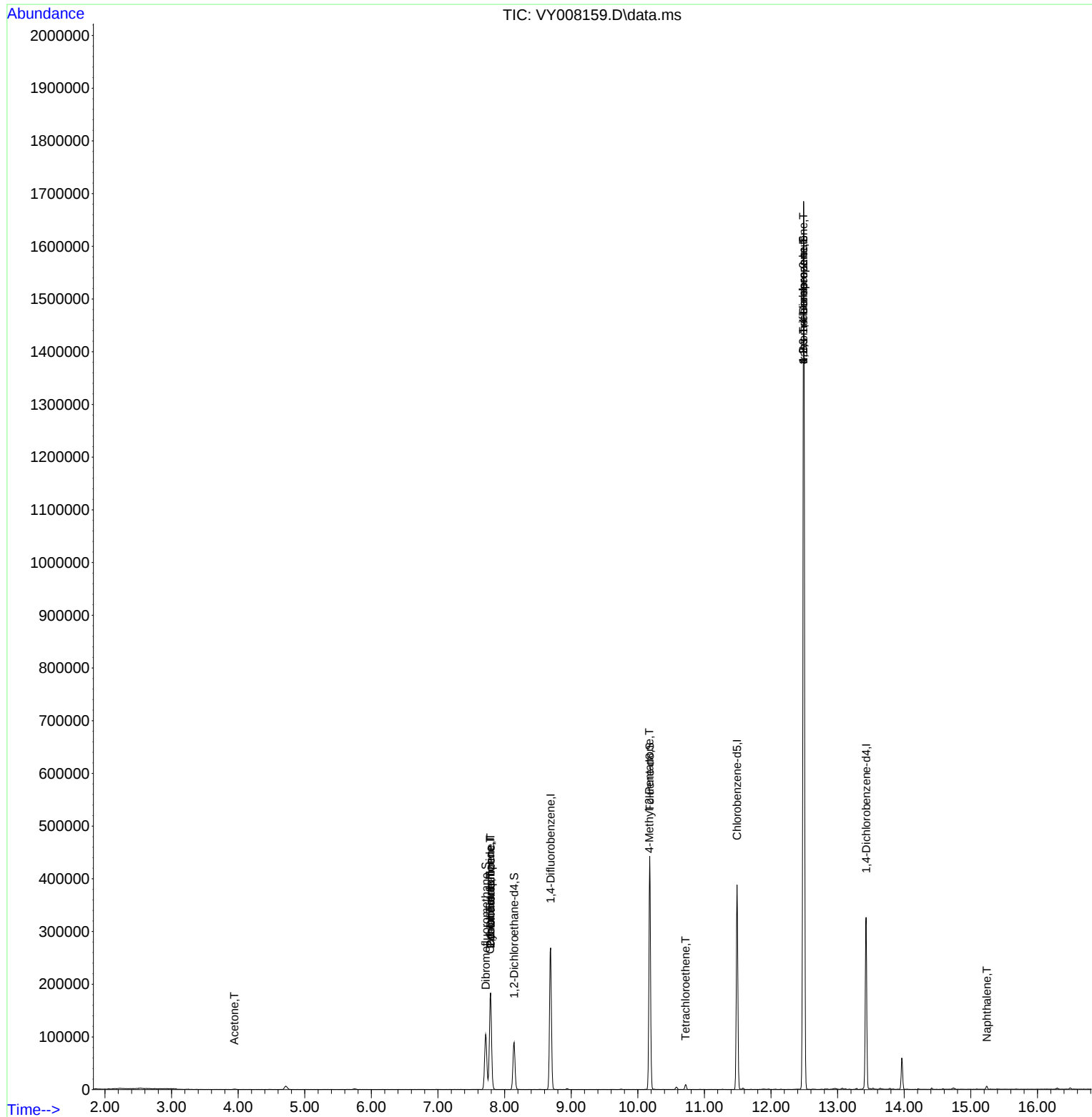
Internal Standards						
1) Pentafluorobenzene	7.789	168	141274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67694	47.759	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.716	113	74175	48.393	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.179	98	293433	50.814	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.620%		
62) 4-Bromofluorobenzene	12.483	95	95642	46.945	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.900%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1337	4.127	ug/l #	85
18) Methyl Acetate	4.485	43	319	Below Cal	#	56
20) Methylene Chloride	4.716	84	5204	Below Cal	#	64
31) Cyclohexane	7.789	56	2690	1.015	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11160	4.635	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14281	5.443	ug/l #	14
51) 4-Methyl-2-Pentanone	10.173	43	1181	1.061	ug/l #	1
64) Tetrachloroethene	10.715	164	1962	1.176	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	58679	57.516	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58679	128.327	ug/l #	11
95) Naphthalene	15.239	128	5224	1.426	ug/l	99

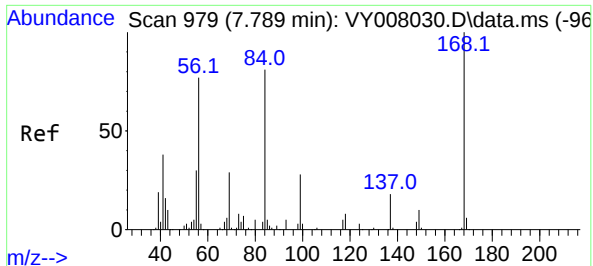
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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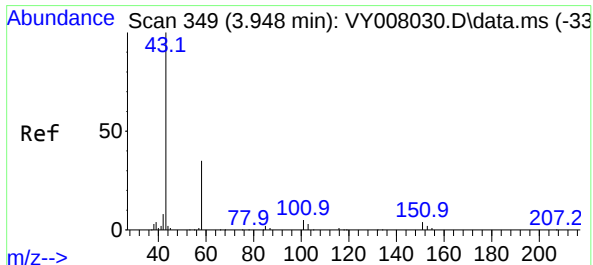
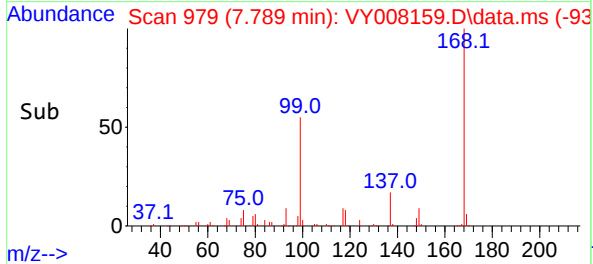
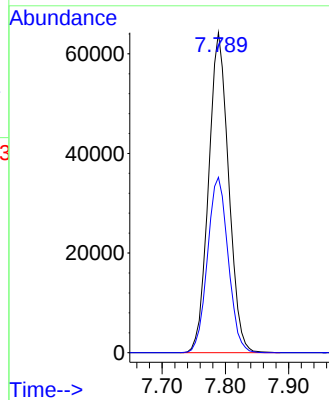
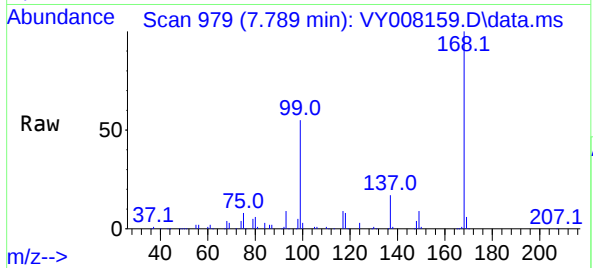




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

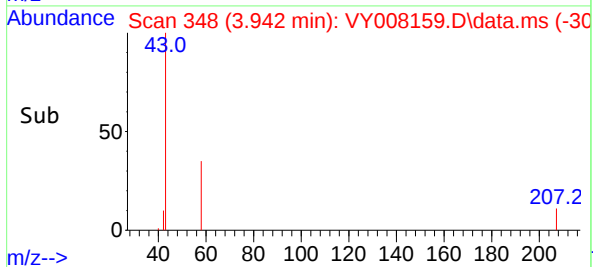
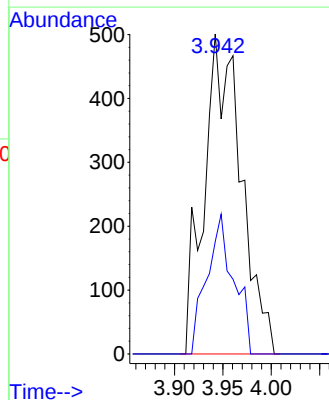
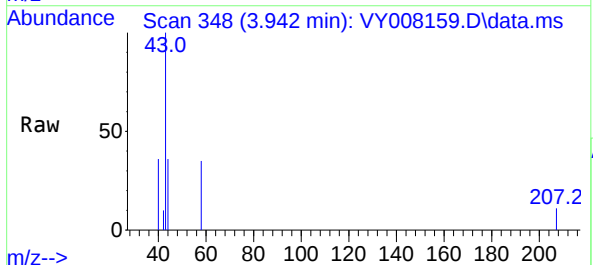
Instrument :
MSVOA_Y
ClientSampleId :
A10015

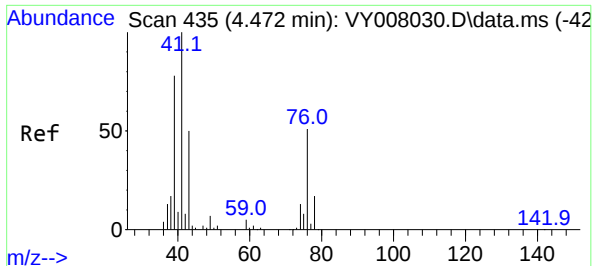
Tgt Ion:168 Resp: 141274
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#16
Acetone
Concen: 4.127 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

Tgt Ion: 43 Resp: 1337
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#

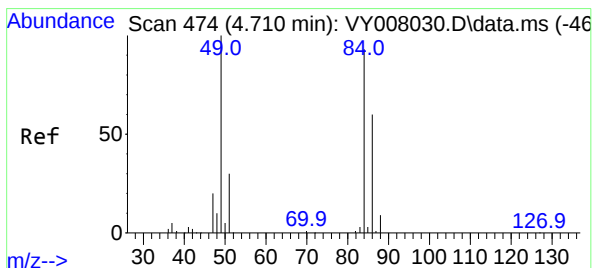
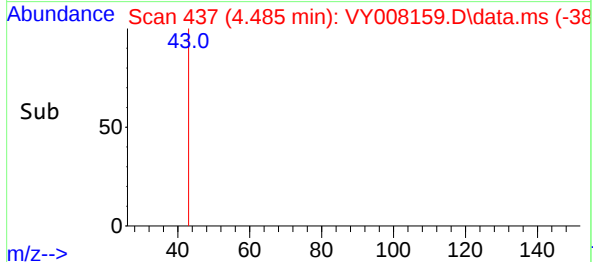
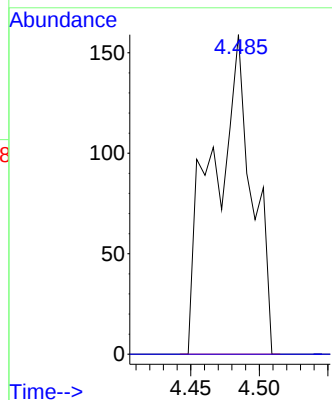
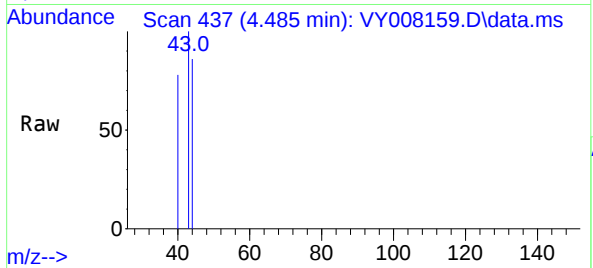




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

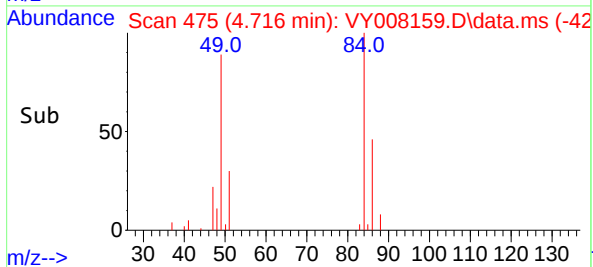
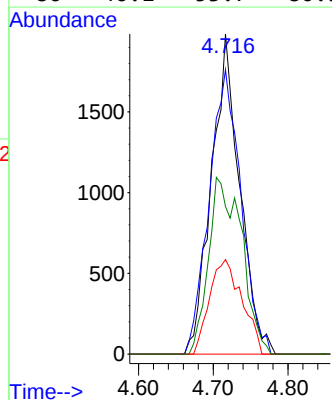
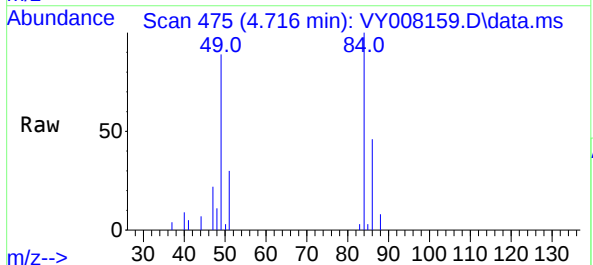
Instrument :
MSVOA_Y
ClientSampleId :
A10015

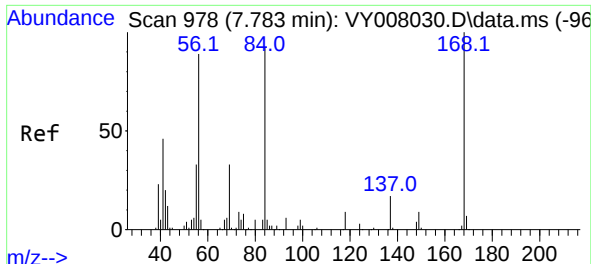
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

Tgt Ion: 84 Resp: 5204
Ion Ratio Lower Upper
84 100
49 88.9 114.4 171.6#
51 29.5 35.3 52.9#
86 46.1 53.7 80.5#

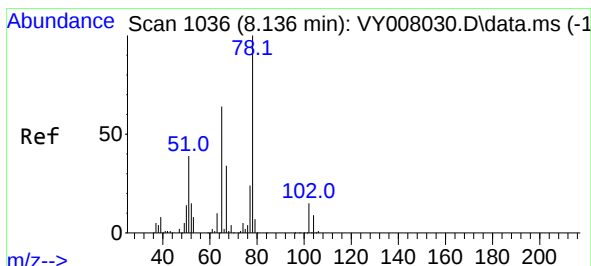
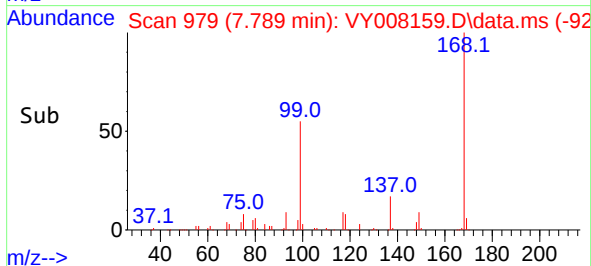
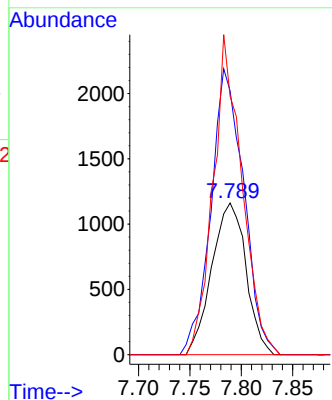
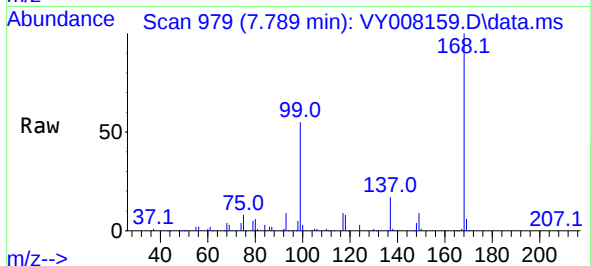




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

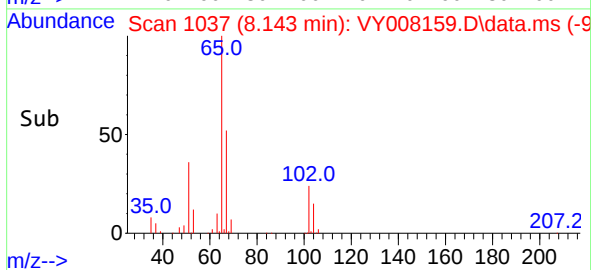
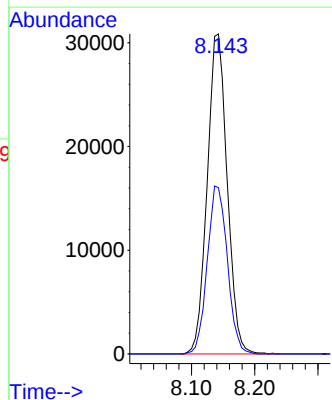
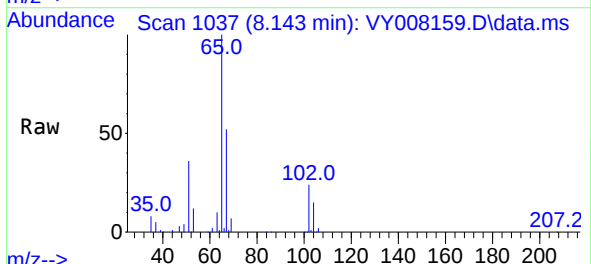
Instrument :
MSVOA_Y
ClientSampleId :
A10015

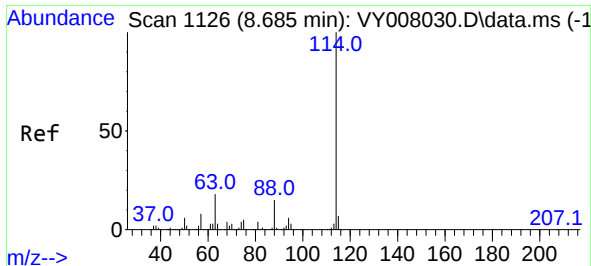
Tgt Ion: 56 Resp: 2690
Ion Ratio Lower Upper
56 100
69 173.9 26.7 40.1#
84 170.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.759 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

Tgt Ion: 65 Resp: 67694
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008159.D

Acq: 01 Apr 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

A10015

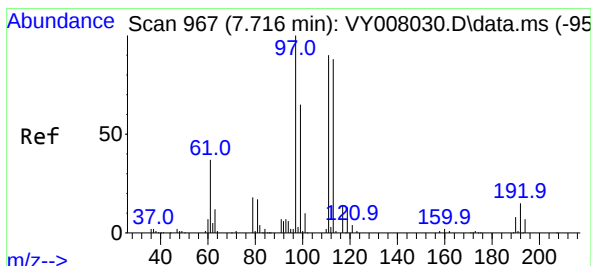
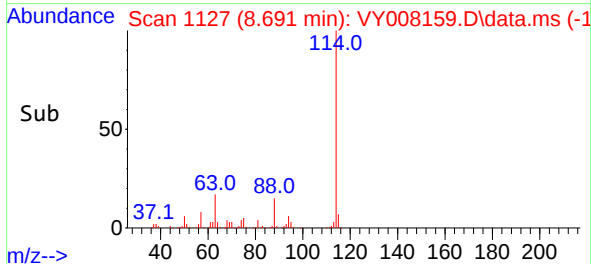
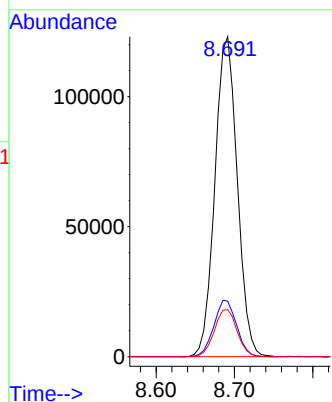
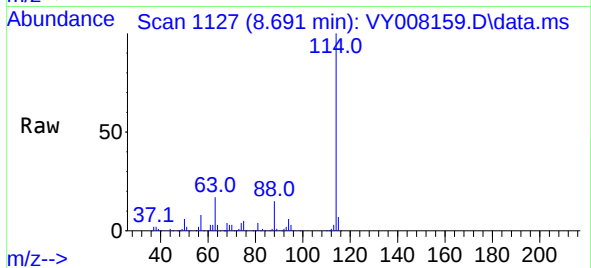
Tgt Ion:114 Resp: 244469

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.393 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008159.D

Acq: 01 Apr 2022 14:30

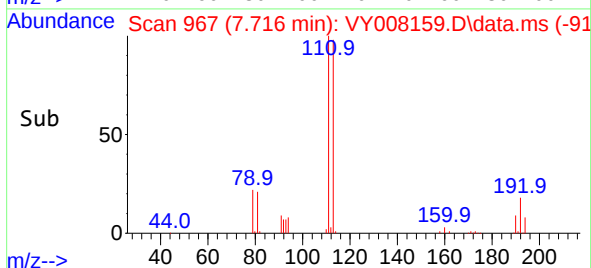
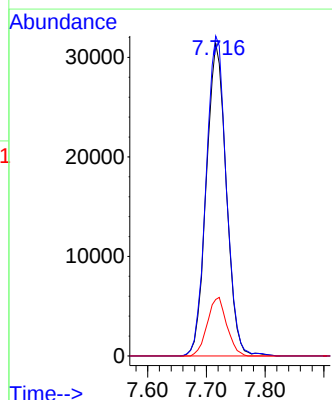
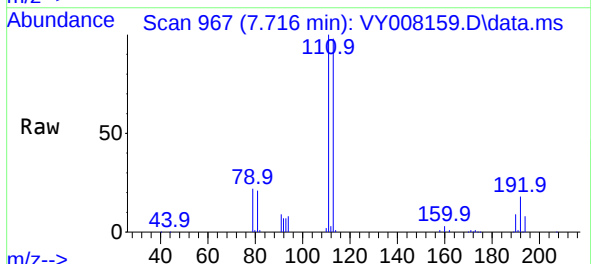
Tgt Ion:113 Resp: 74175

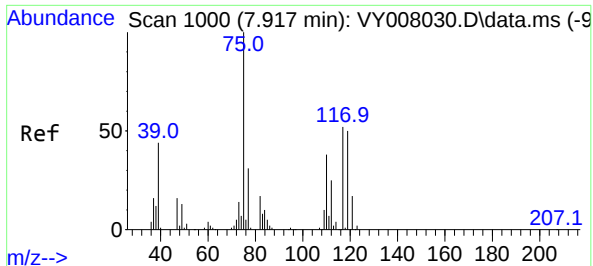
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.635 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008159.D

Acq: 01 Apr 2022 14:30

Instrument :

MSVOA_Y

ClientSampleId :

A10015

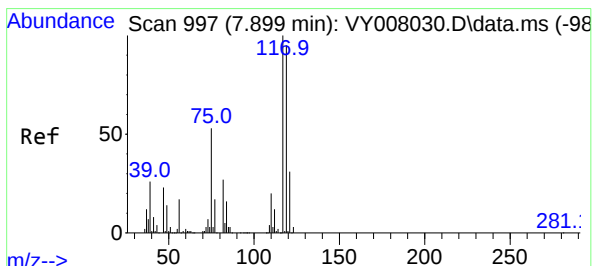
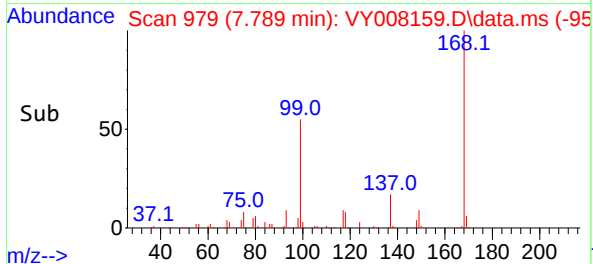
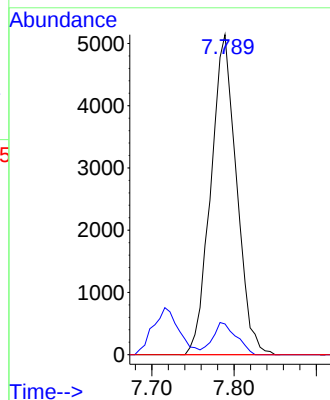
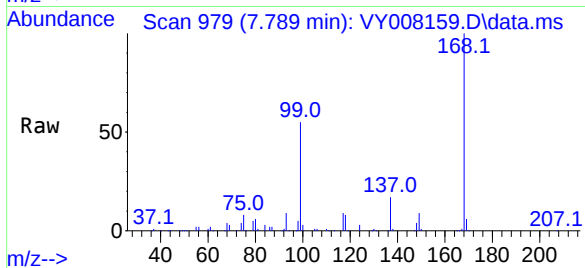
Tgt Ion: 75 Resp: 11160

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.443 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008159.D

Acq: 01 Apr 2022 14:30

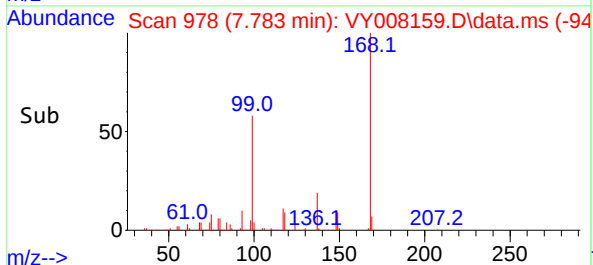
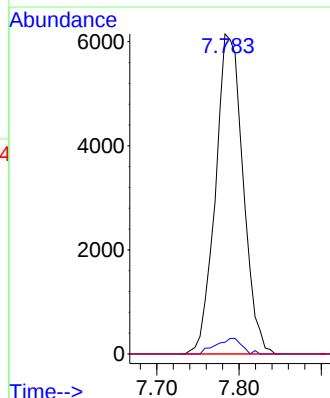
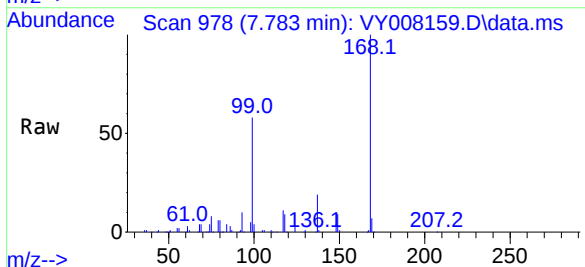
Tgt Ion: 117 Resp: 14281

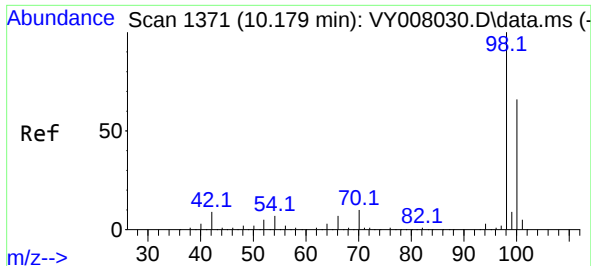
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#

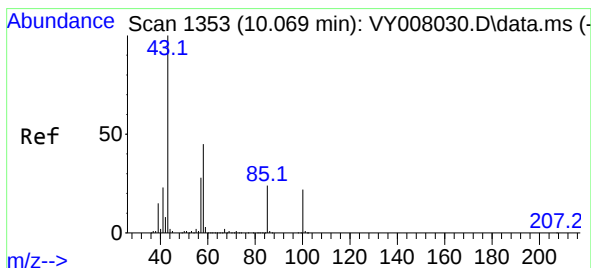
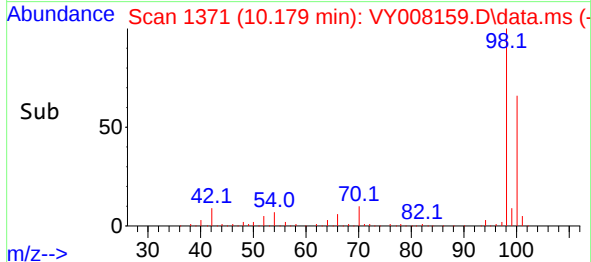
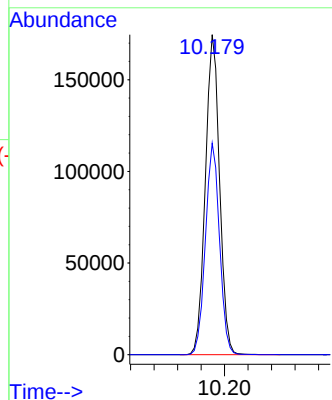
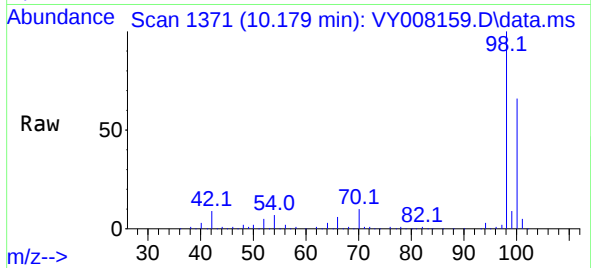




#50
Toluene-d8
Concen: 50.814 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

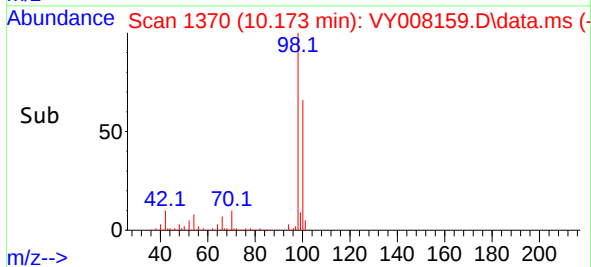
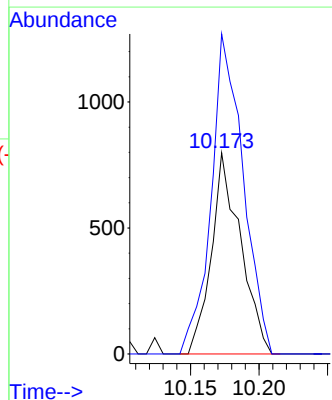
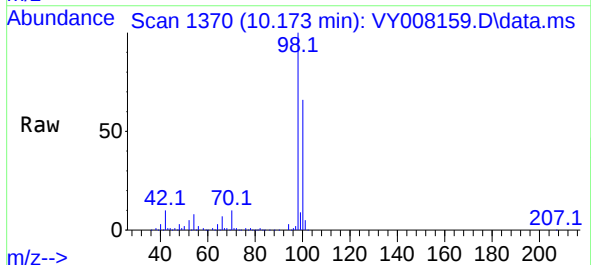
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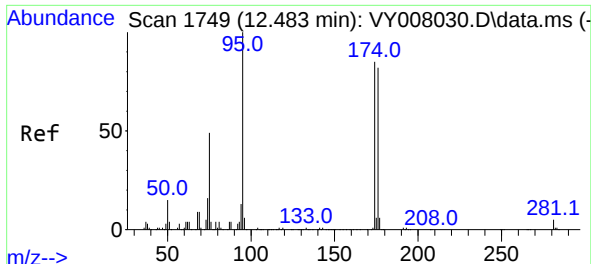
Tgt Ion: 98 Resp: 293433
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.061 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 175.0 28.1 42.1#

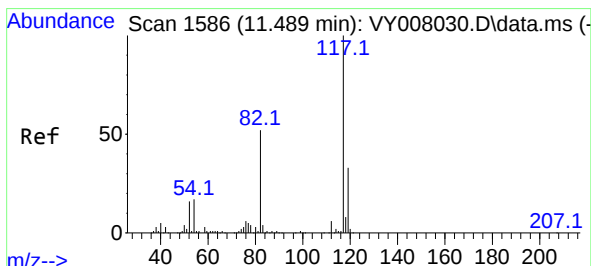
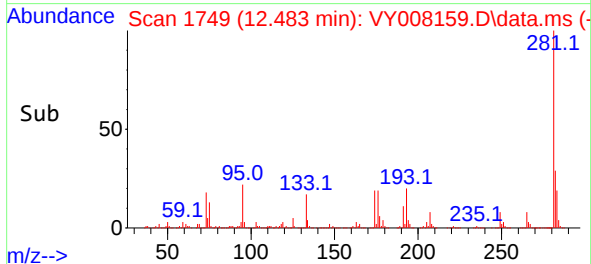
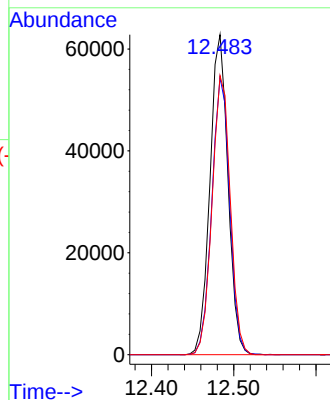
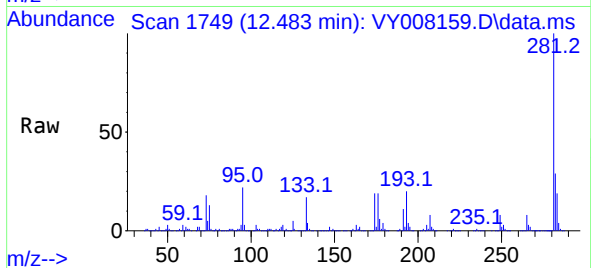




#62
4-Bromofluorobenzene
Concen: 46.945 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

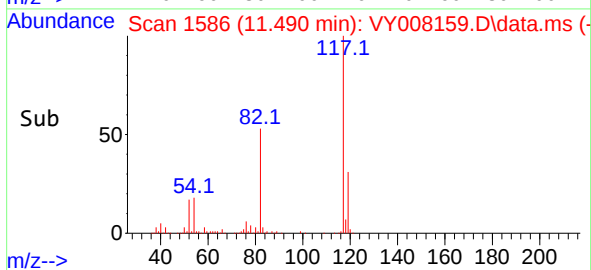
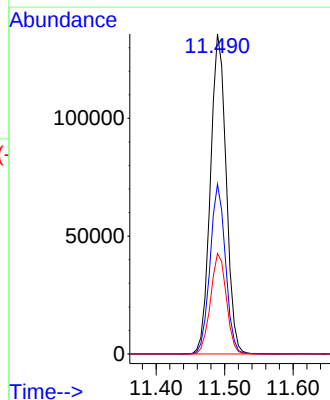
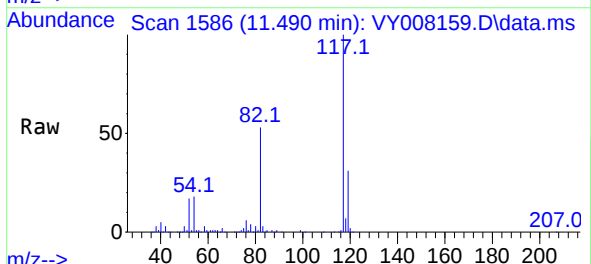
Instrument :
MSVOA_Y
ClientSampleId :
A10015

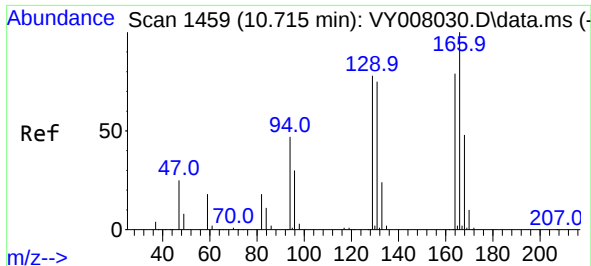
Tgt Ion: 95 Resp: 95642
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 88.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

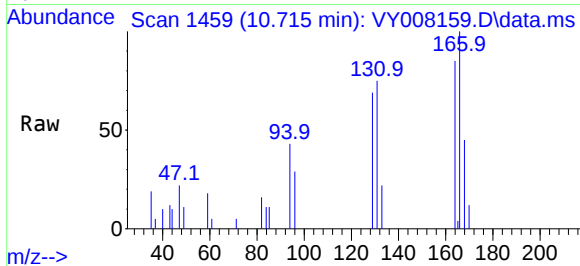
Tgt Ion:117 Resp: 217201
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.4 25.4 38.0





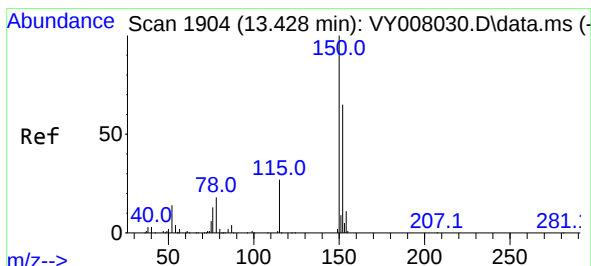
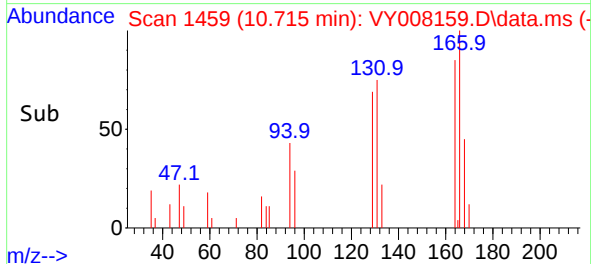
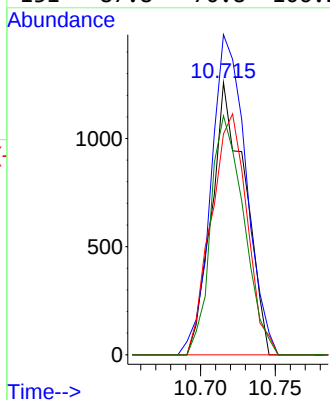
#64
Tetrachloroethene
Concen: 1.176 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

Instrument :
MSVOA_Y
ClientSampleId :
A10015



Tgt Ion:164 Resp: 1962

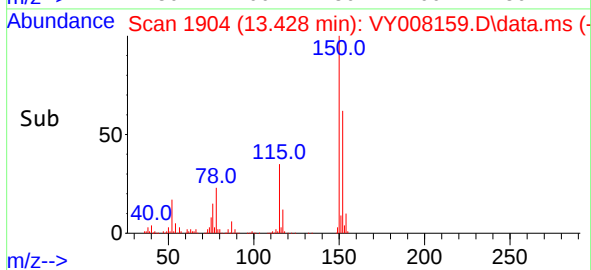
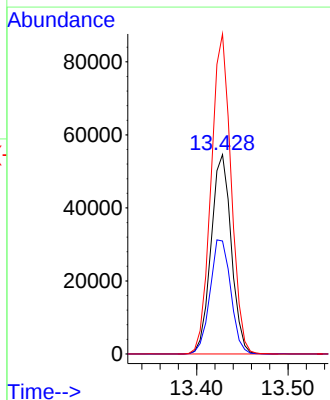
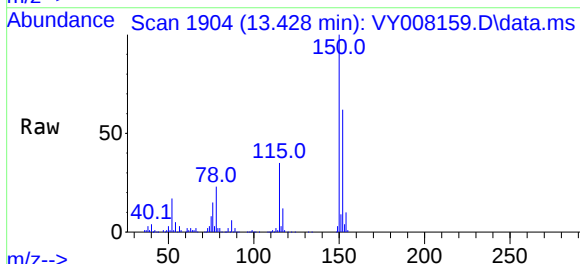
Ion	Ratio	Lower	Upper
164	100		
166	117.6	100.4	150.6
129	81.1	71.4	107.0
131	87.8	70.8	106.2

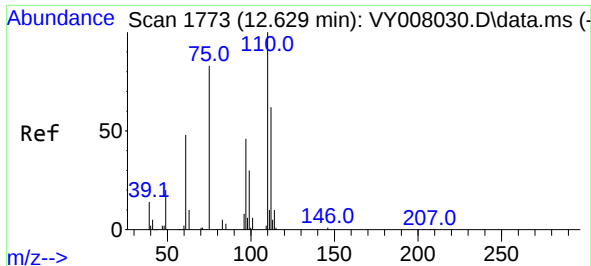


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

Tgt Ion:152 Resp: 83693

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.2	84.7
150	158.6	0.0	347.6

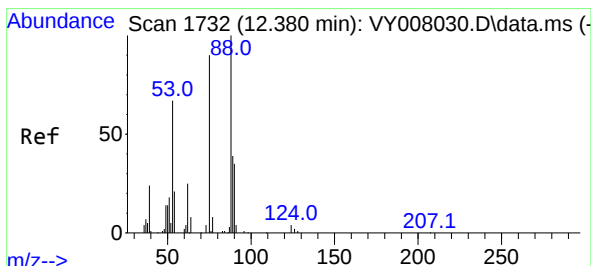
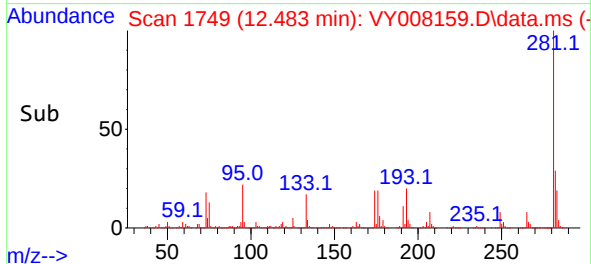
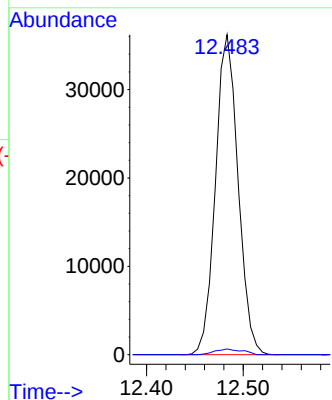
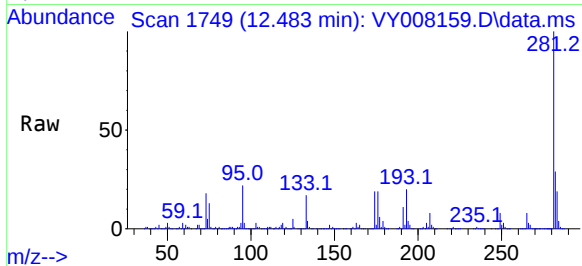




#76
1,2,3-Trichloropropane
Concen: 57.516 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

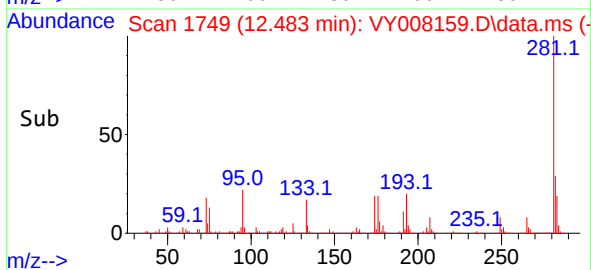
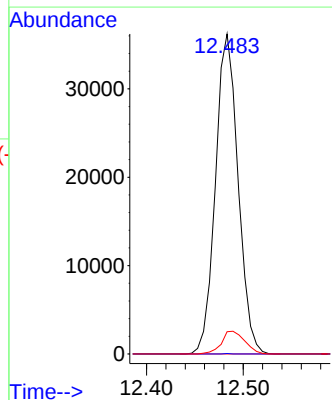
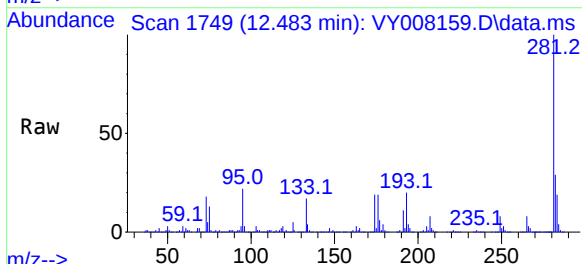
Instrument :
MSVOA_Y
ClientSampleId :
A10015

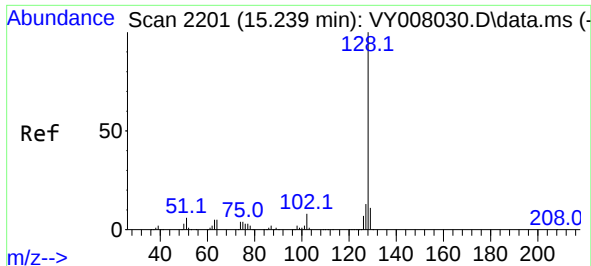
Tgt Ion: 75 Resp: 58679
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

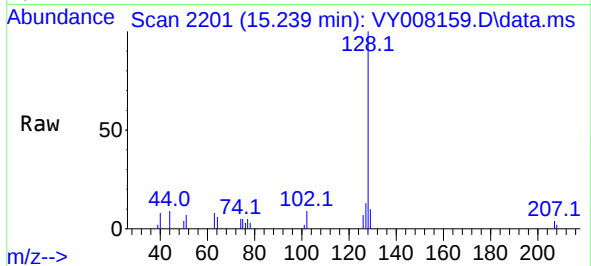
Tgt Ion: 75 Resp: 58679
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 7.4 37.0 55.4#





#95
Naphthalene
Concen: 1.426 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008159.D
Acq: 01 Apr 2022 14:30

Instrument :
MSVOA_Y
ClientSampleId :
A10015



Tgt Ion:128 Resp: 5224

Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	10.4	8.4	12.6

