

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008185.D
 Acq On : 04 Apr 2022 17:02
 Operator : SY/MD
 Sample : N2220-15
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:42:24 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)

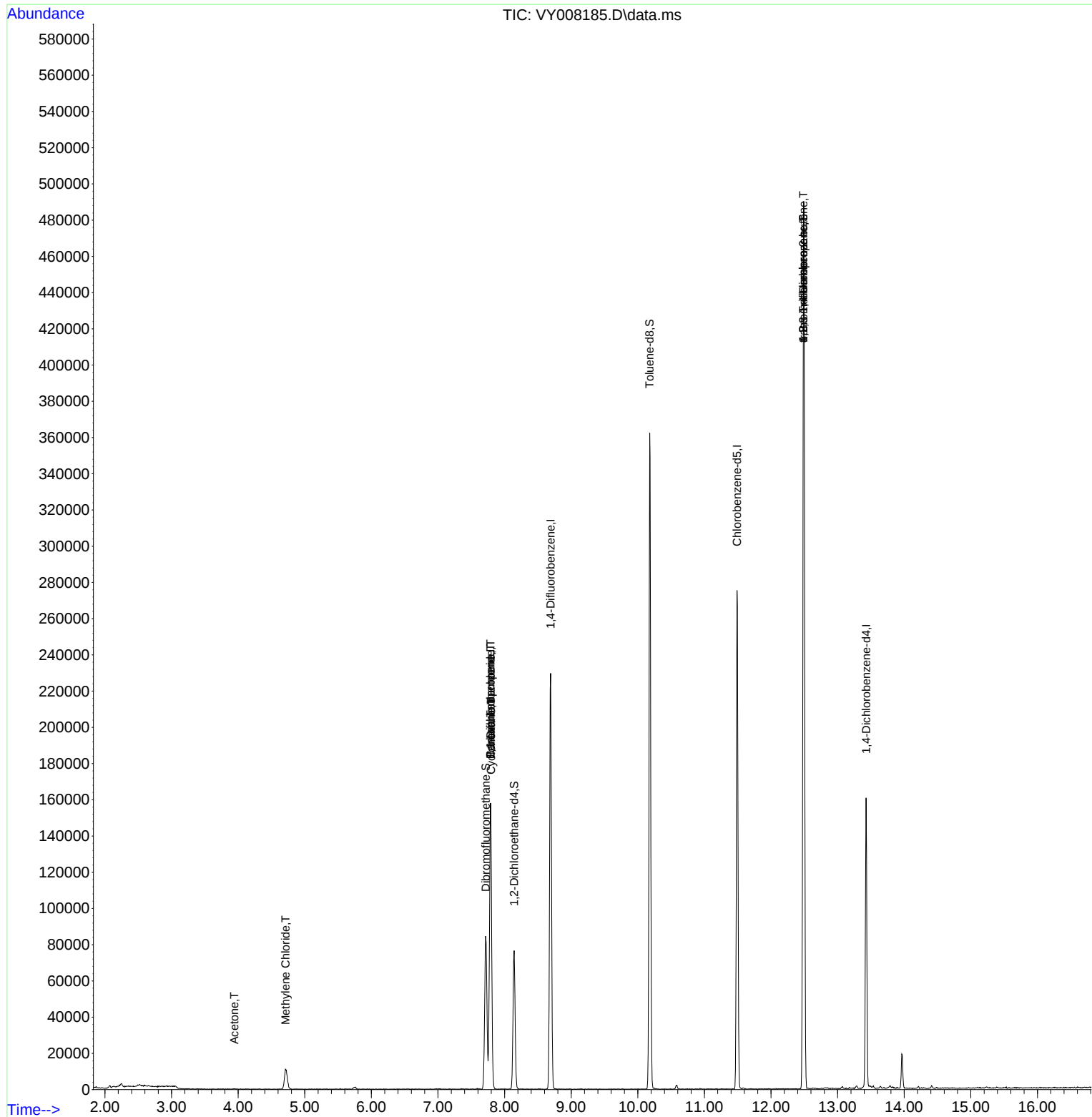
Internal Standards						
1) Pentafluorobenzene	7.789	168	124240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58071	46.587	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.180%		
35) Dibromofluoromethane	7.716	113	60589	47.034	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.060%		
50) Toluene-d8	10.179	98	239809	49.412	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.483	95	54427	31.787	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	63.580%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	515	1.808	ug/l #	86
18) Methyl Acetate	4.485	43	185	Below Cal	#	56
20) Methylene Chloride	4.710	84	9051	1.701	ug/l #	78
31) Cyclohexane	7.795	56	2455	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9678	4.783	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12451	5.646	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	31517	64.870	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31517	144.736	ug/l #	9

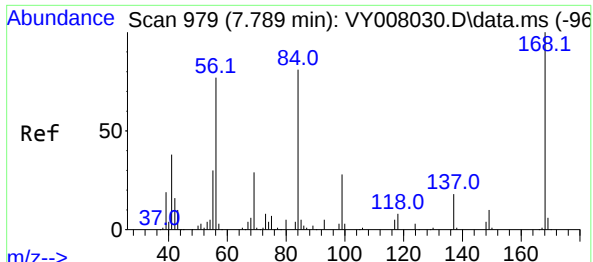
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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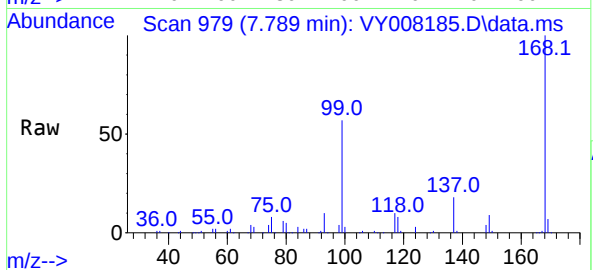
Quant Time: Apr 05 04:42:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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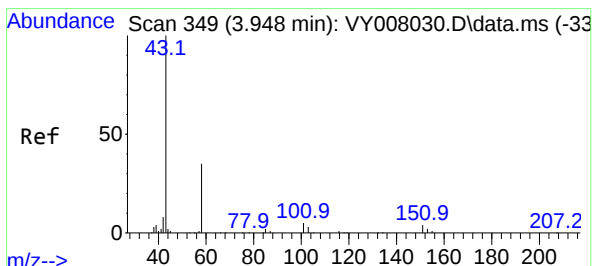
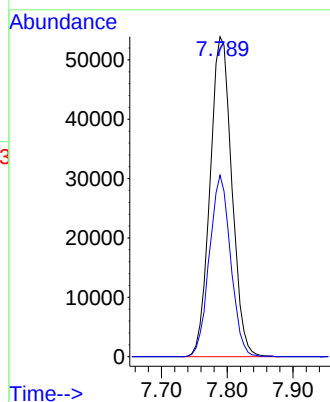
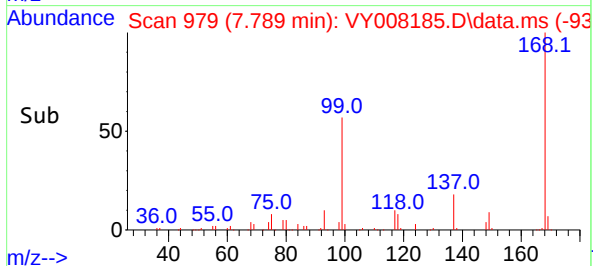


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :

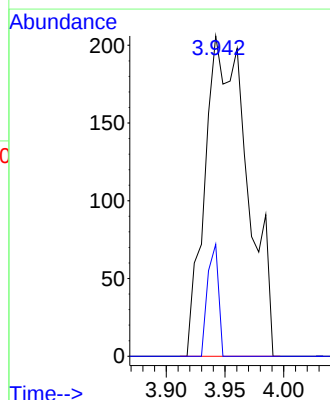
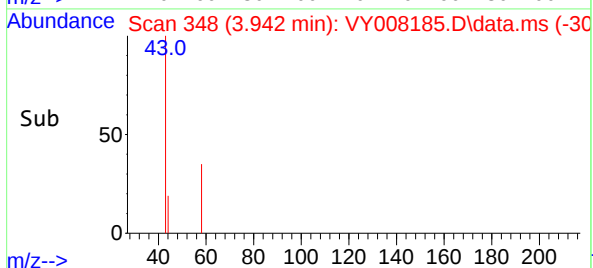
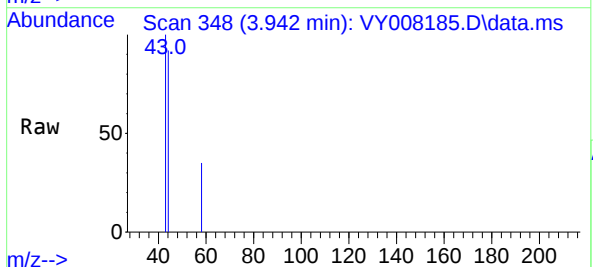


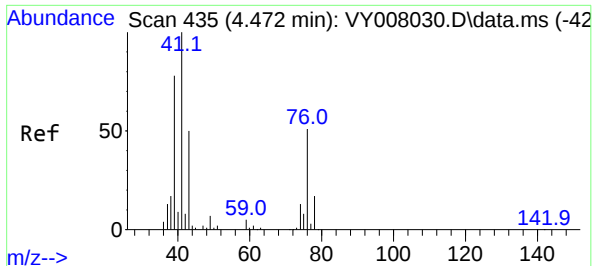
Tgt Ion:168 Resp: 124240
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#16
Acetone
Concen: 1.808 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

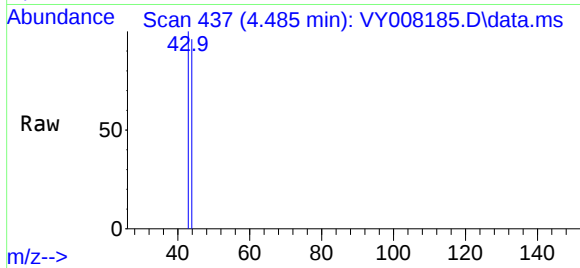
Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#



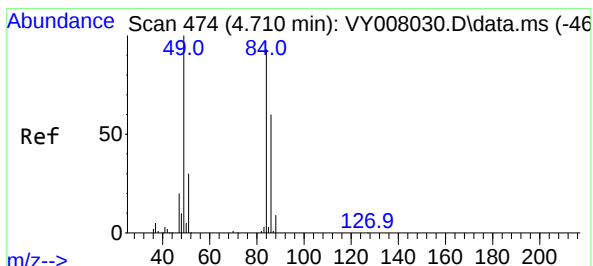
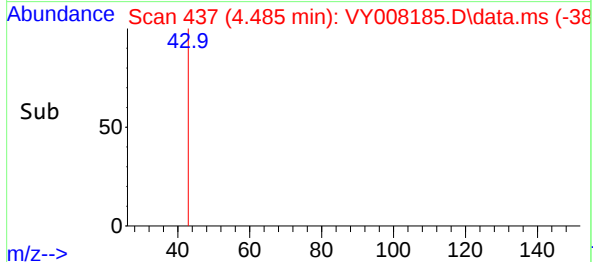
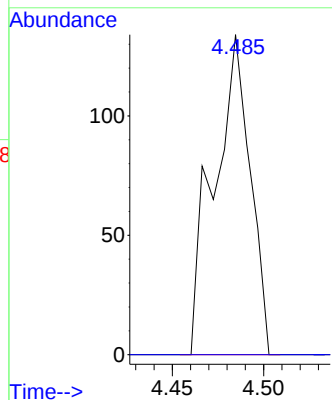


#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :

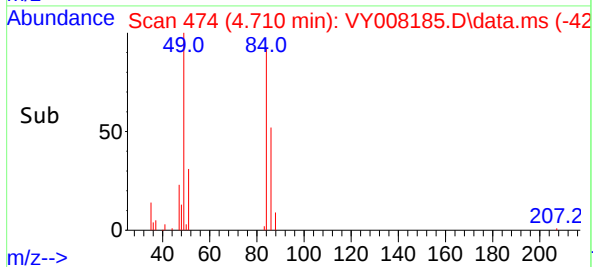
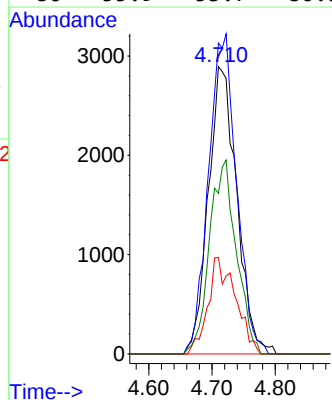
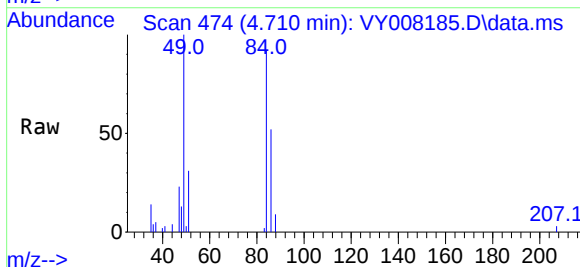


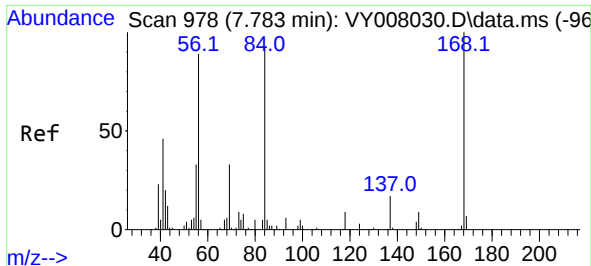
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.701 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

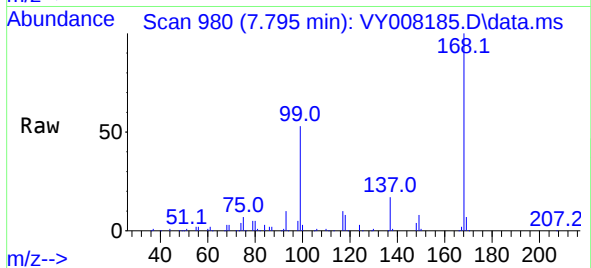
Tgt Ion: 84 Resp: 9051
Ion Ratio Lower Upper
84 100
49 108.2 114.4 171.6#
51 33.6 35.3 52.9#
86 55.9 53.7 80.5



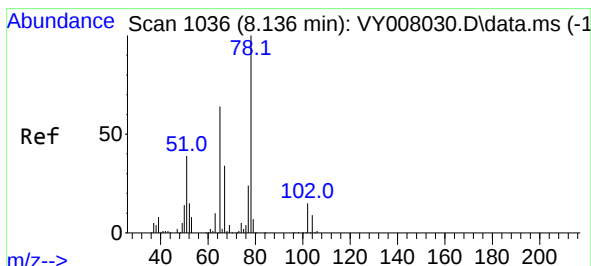
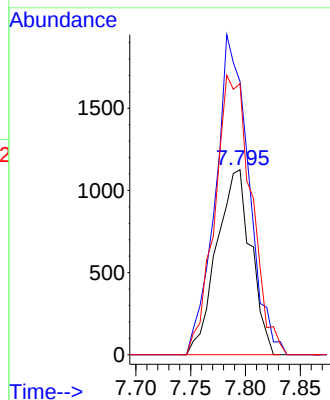
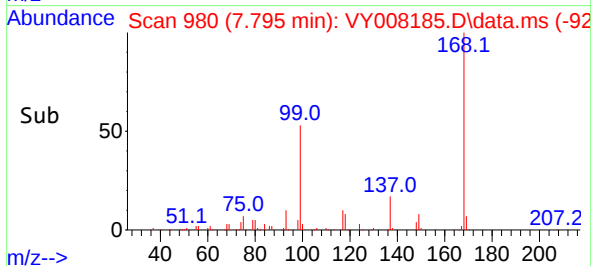


#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :

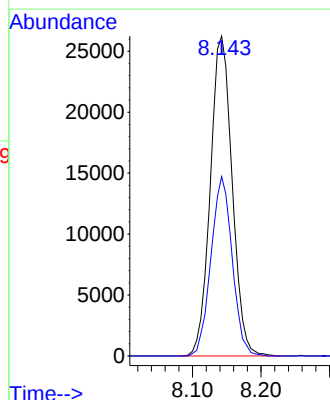
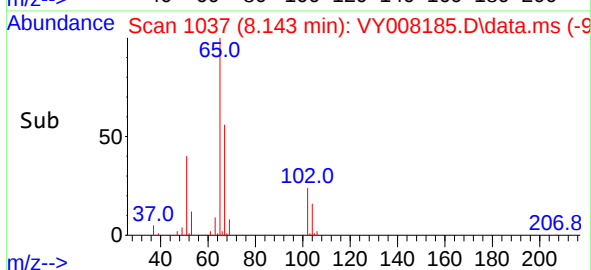
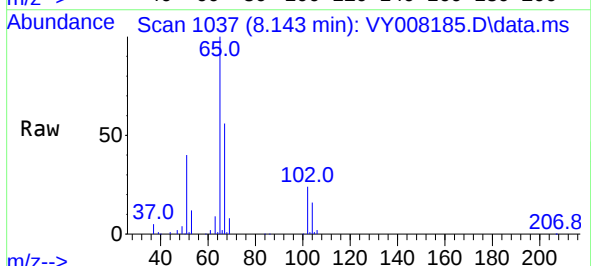


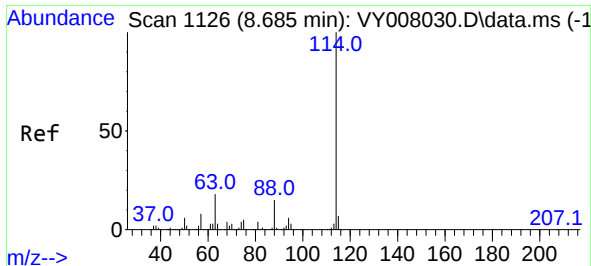
Tgt Ion: 56 Resp: 2455
Ion Ratio Lower Upper
56 100
69 147.7 26.7 40.1#
84 146.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 46.587 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

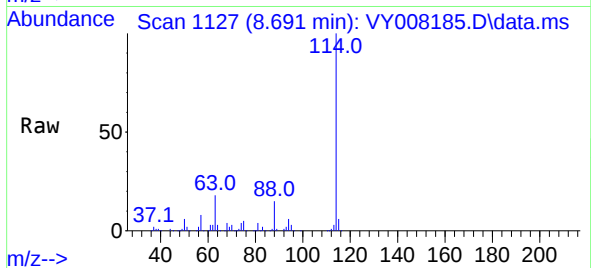
Tgt Ion: 65 Resp: 58071
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4



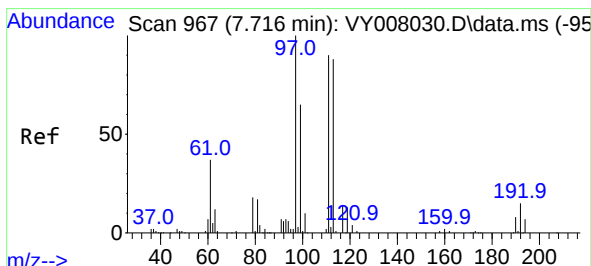
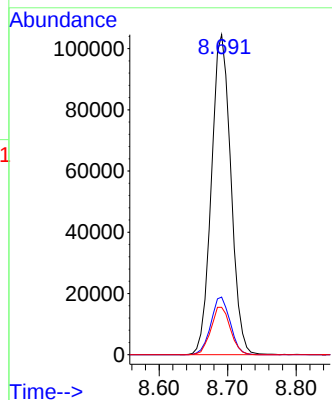
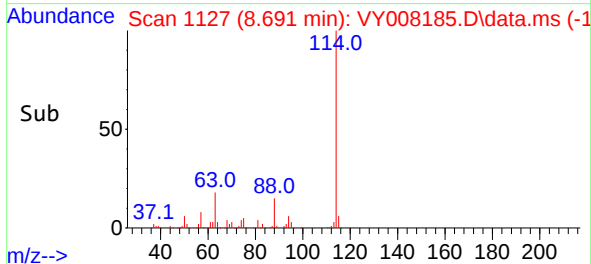


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :

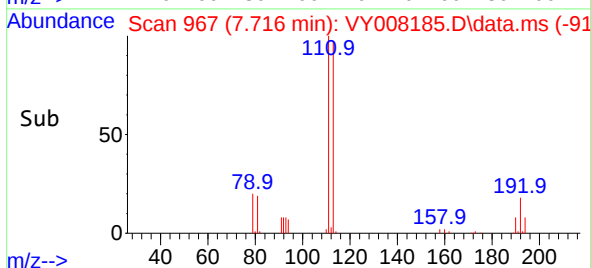
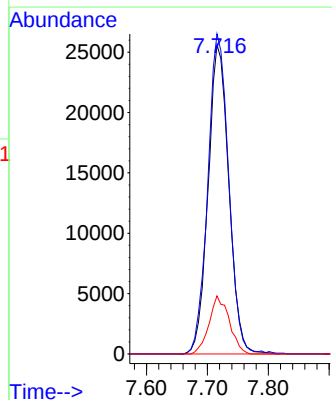
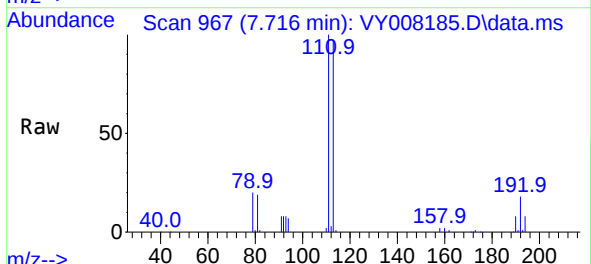


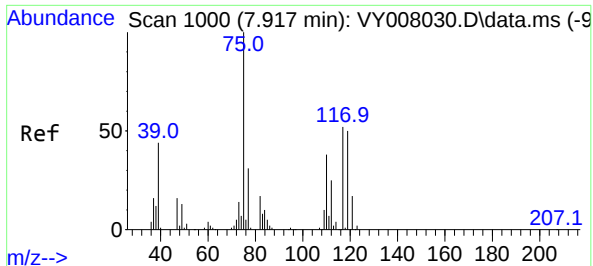
Tgt Ion:114 Resp: 205462
Ion Ratio Lower Upper
114 100
63 18.0 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.034 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Tgt Ion:113 Resp: 60589
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.783 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

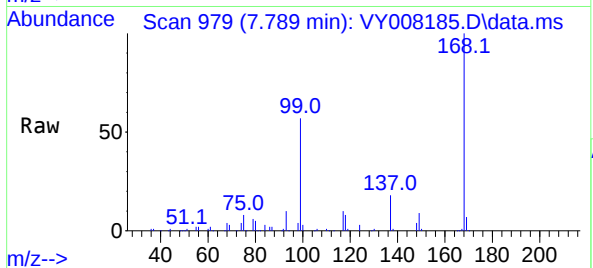
Lab File: VY008185.D

Acq: 04 Apr 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :



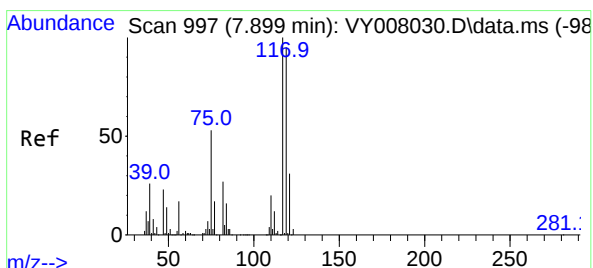
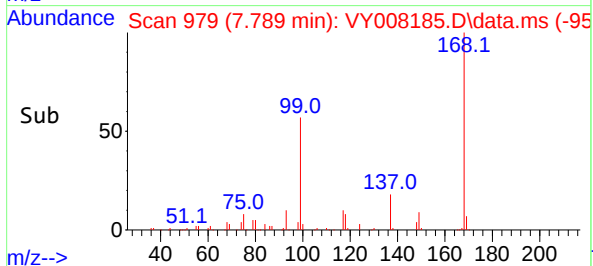
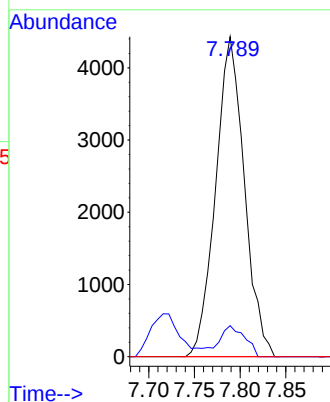
Tgt Ion: 75 Resp: 9678

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.646 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008185.D

Acq: 04 Apr 2022 17:02

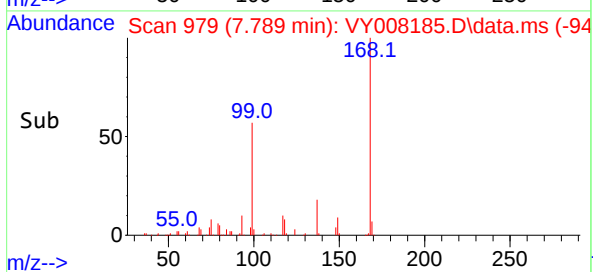
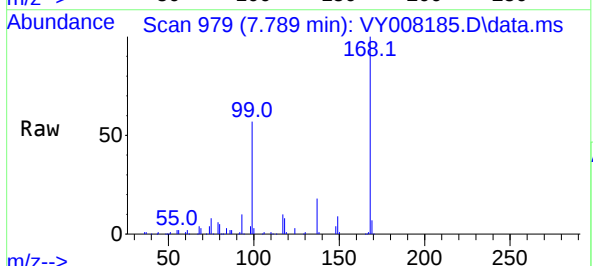
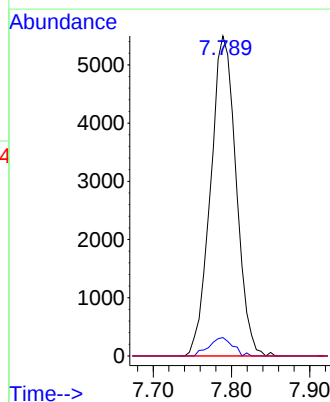
Tgt Ion: 117 Resp: 12451

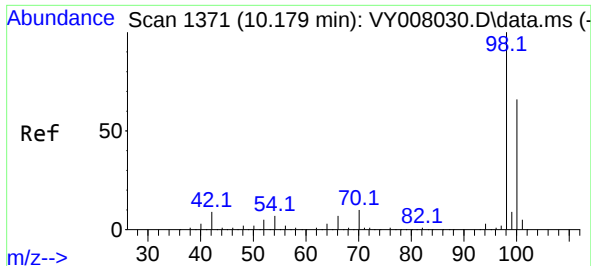
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

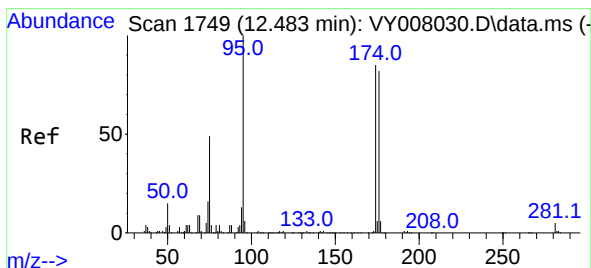
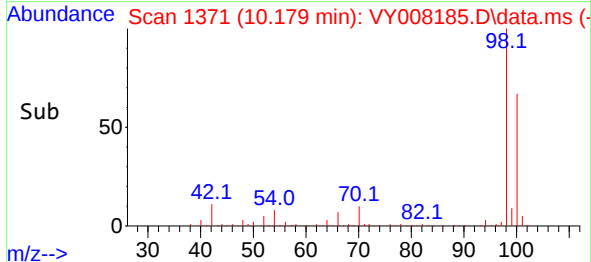
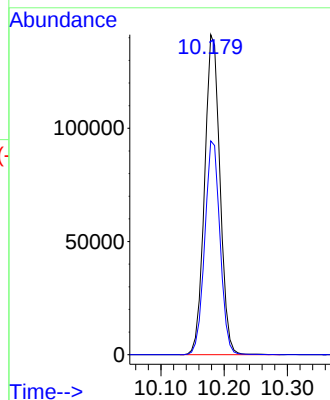
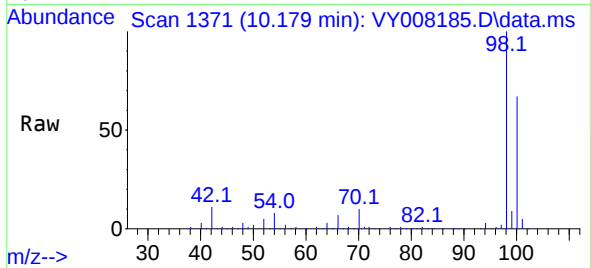




#50
Toluene-d8
Concen: 49.412 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

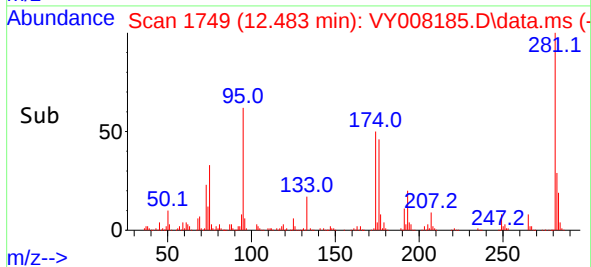
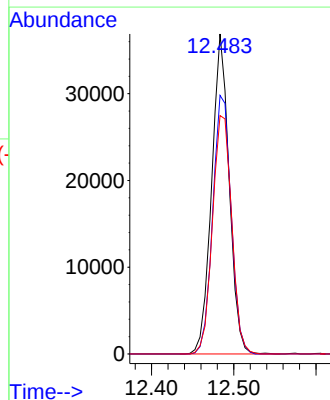
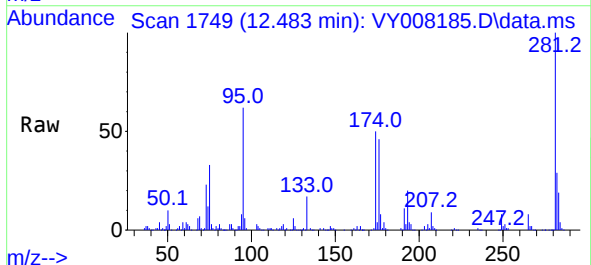
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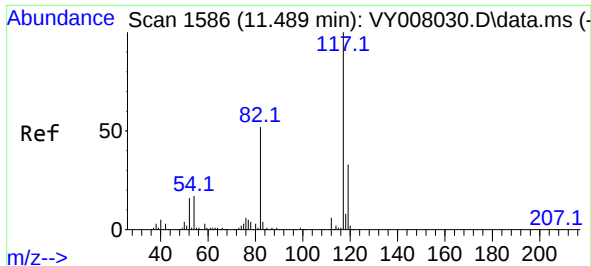
Tgt Ion: 98 Resp: 239809
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.787 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

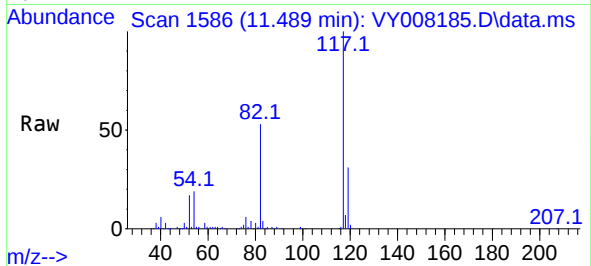
Tgt Ion: 95 Resp: 54427
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.7 0.0 175.8



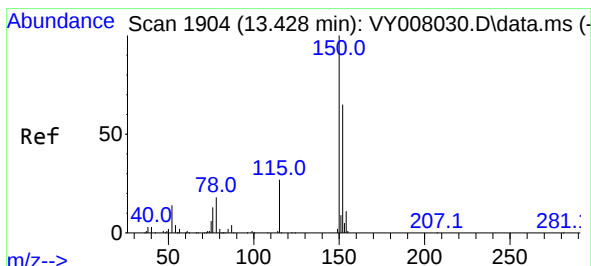
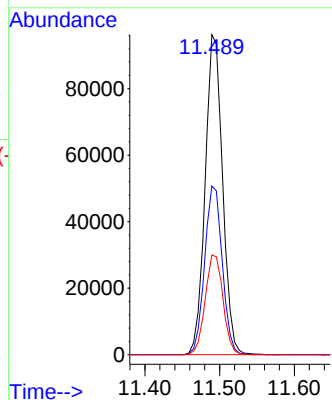
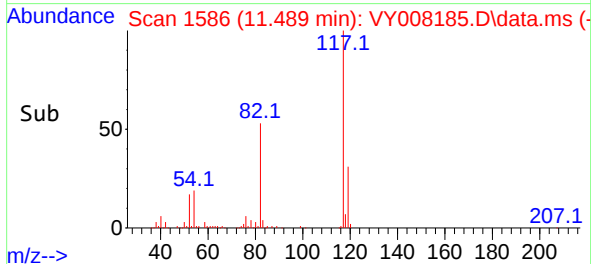


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

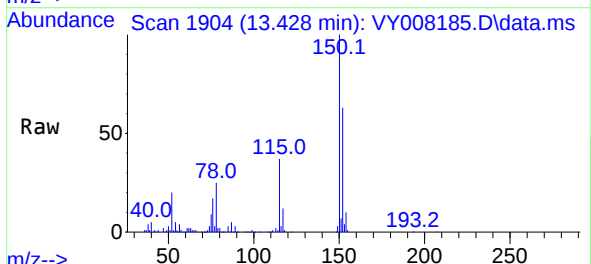
Instrument :
MSVOA_Y
ClientSampleId :



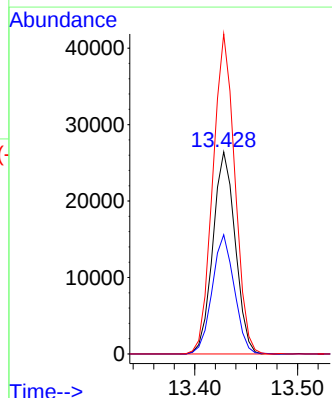
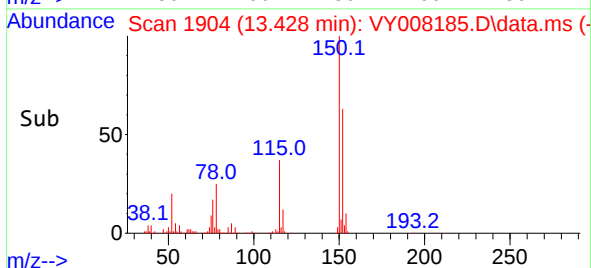
Tgt Ion:117 Resp: 155639
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.1 25.4 38.0

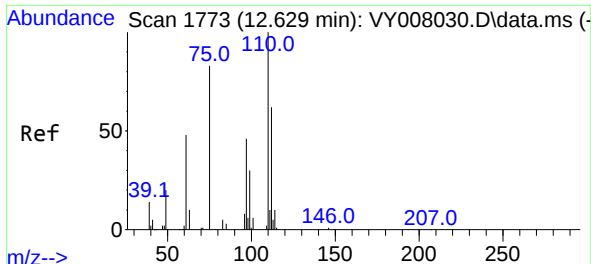


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02



Tgt Ion:152 Resp: 39856
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 156.4 0.0 347.6

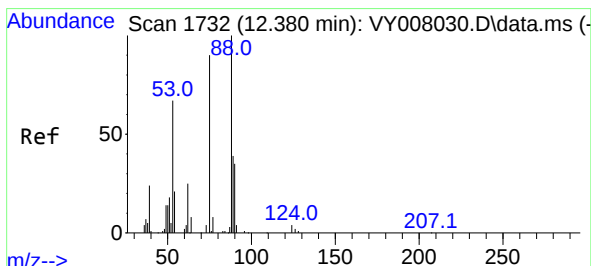
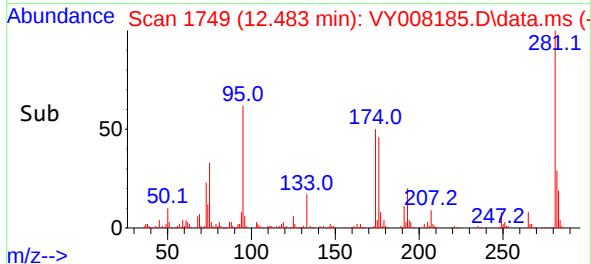
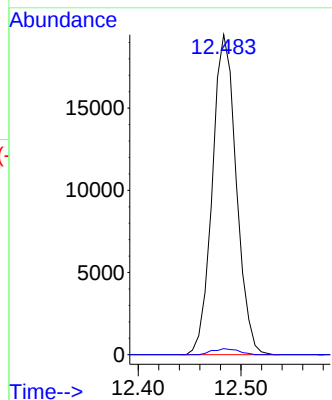
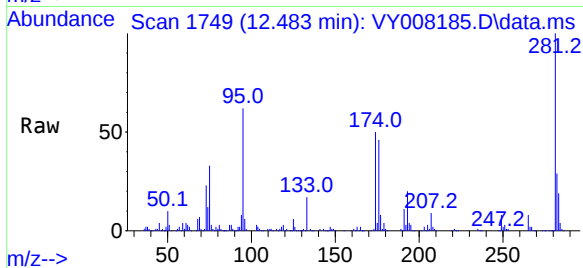




#76
1,2,3-Trichloropropane
Concen: 64.870 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31517
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.736 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008185.D
Acq: 04 Apr 2022 17:02

Tgt Ion: 75 Resp: 31517
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.2 37.0 55.4#

