

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008163.D
 Acq On : 01 Apr 2022 16:04
 Operator : SY/MD
 Sample : N2220-05
 Misc : 7.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A03015

Quant Time: Apr 02 03:57:41 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

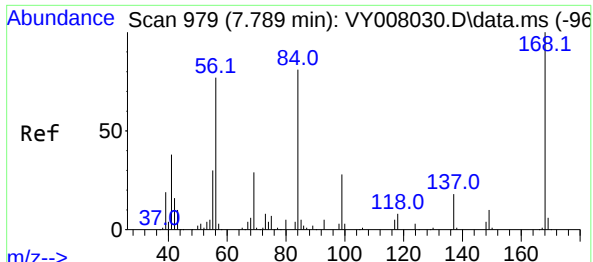
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	109301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63311	57.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.460%
35) Dibromofluoromethane	7.722	113	60799	48.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.179	98	245862	52.032	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.483	95	87929	52.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.500%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	605	2.414	ug/l #	47
18) Methyl Acetate	4.472	43	159	Below Cal	#	56
20) Methylene Chloride	4.716	84	5487	Below Cal	#	84
31) Cyclohexane	7.795	56	2181	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8883	4.509	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11436	5.327	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	949	1.041	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	48210	46.351	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48210	103.415	ug/l #	9

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

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Response via : Initial Calibration

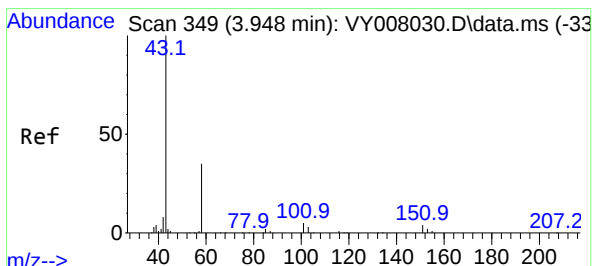
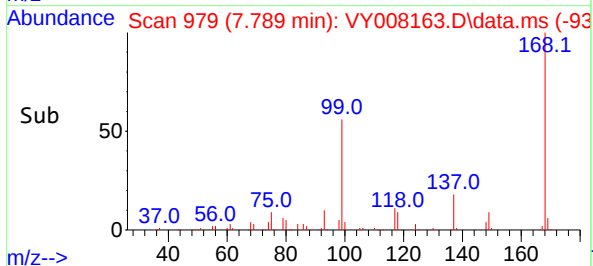
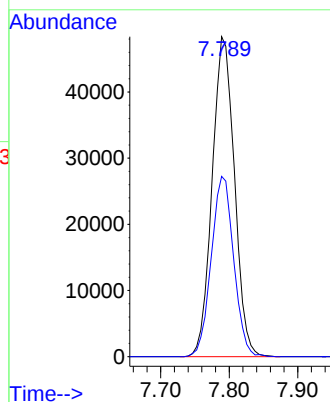
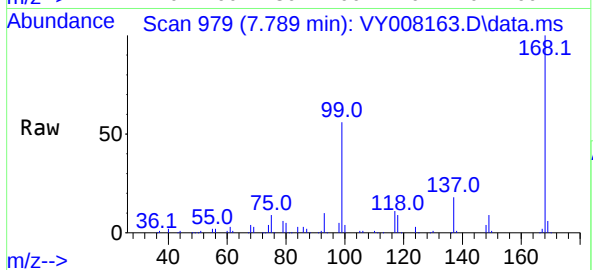




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

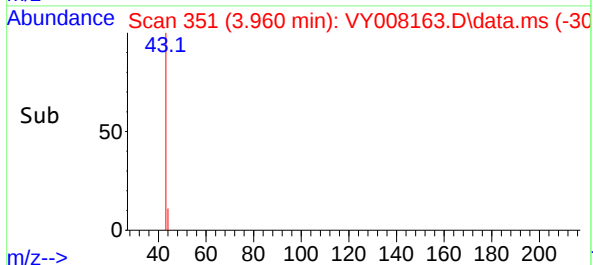
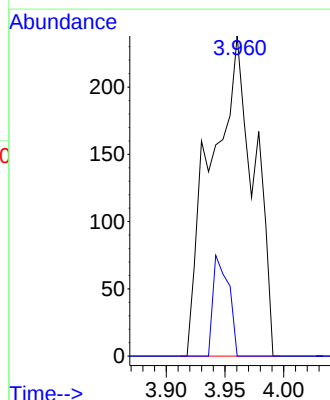
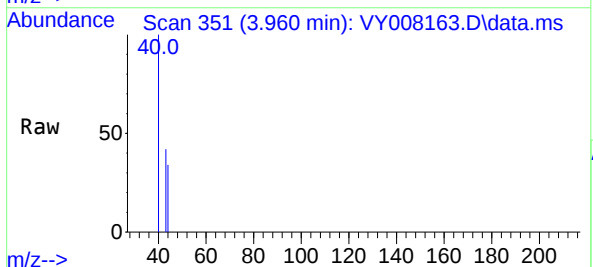
Instrument :
MSVOA_Y
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A03015

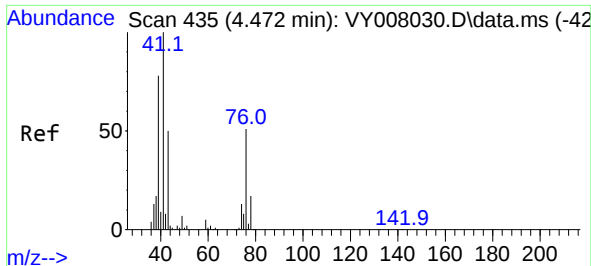
Tgt Ion:168 Resp: 109301
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#16
Acetone
Concen: 2.414 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

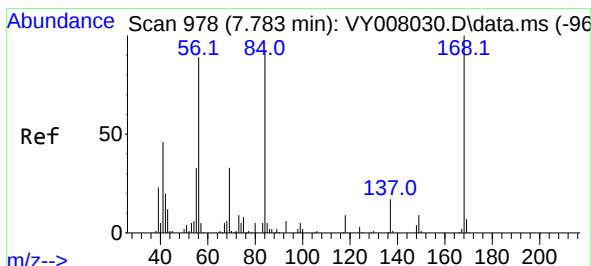
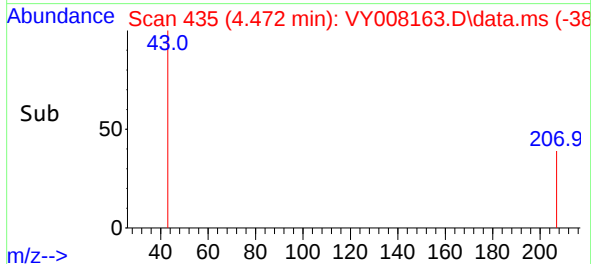
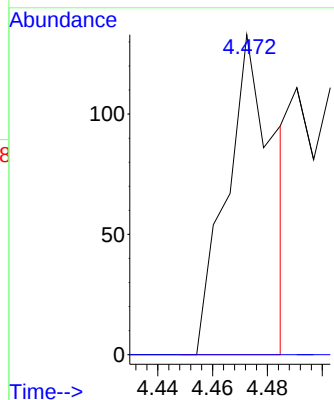
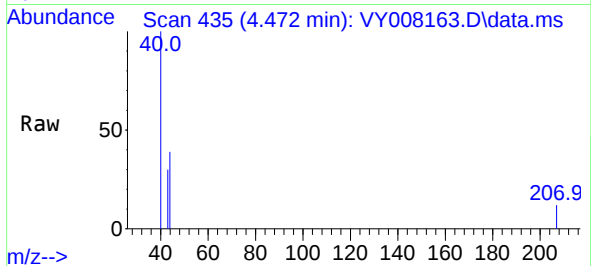




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

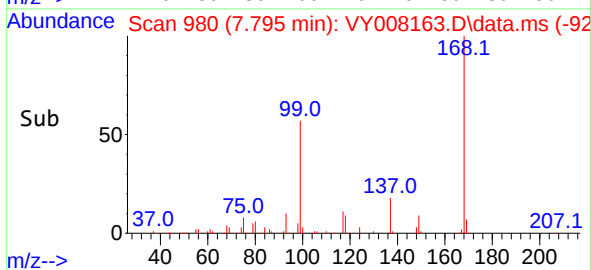
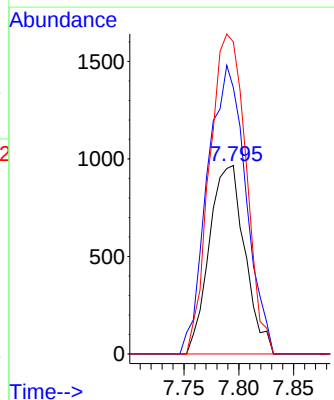
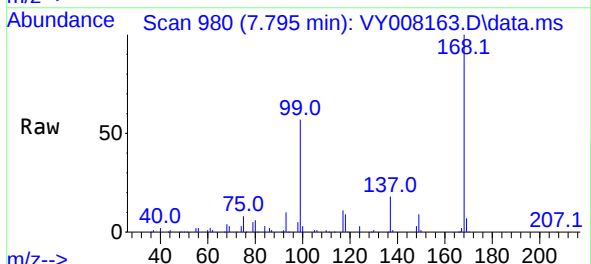
Instrument :
MSVOA_Y
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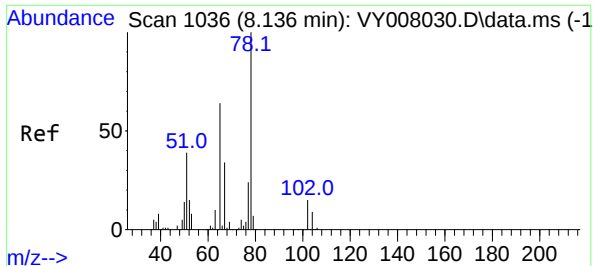
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

Tgt Ion: 56 Resp: 2181
Ion Ratio Lower Upper
56 100
69 141.3 26.7 40.1#
84 165.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.733 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008163.D

Acq: 01 Apr 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

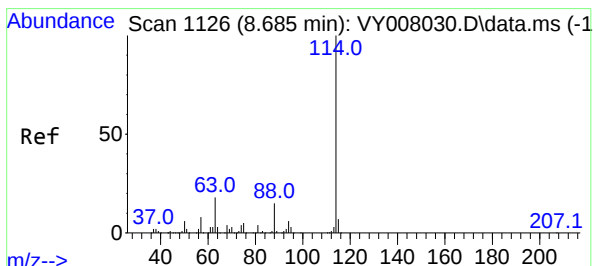
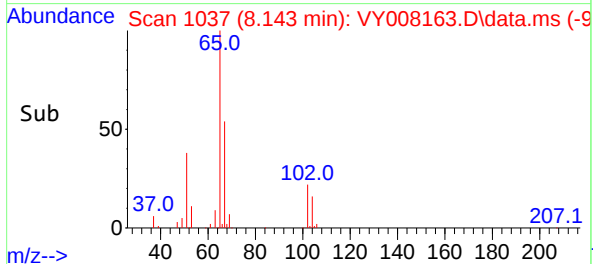
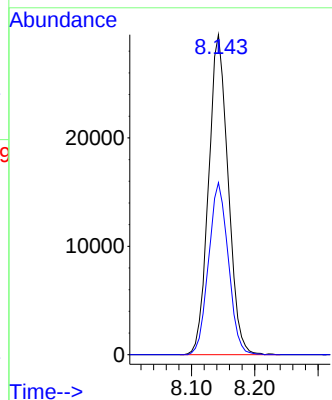
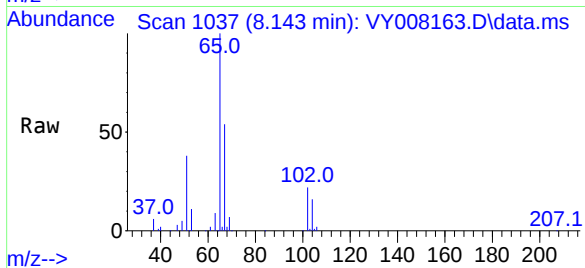
A03015

Tgt Ion: 65 Resp: 63311

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: VY008163.D

Acq: 01 Apr 2022 16:04

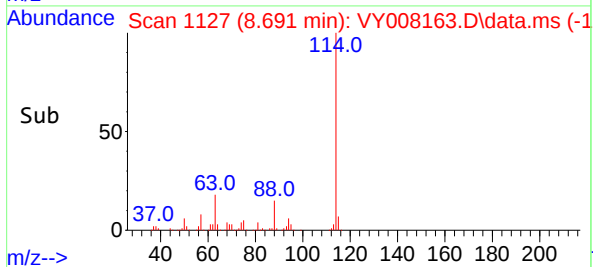
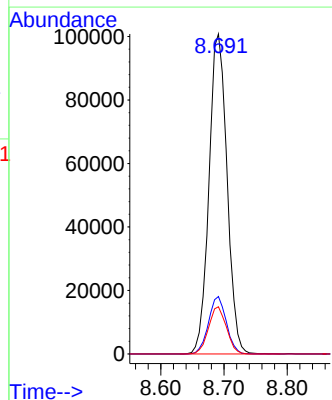
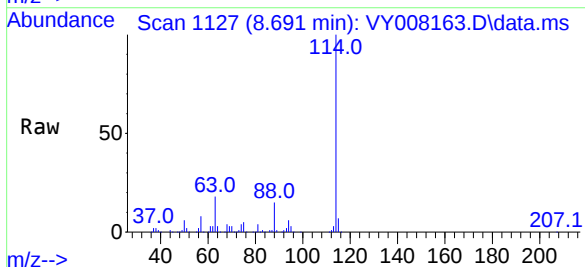
Tgt Ion: 114 Resp: 200039

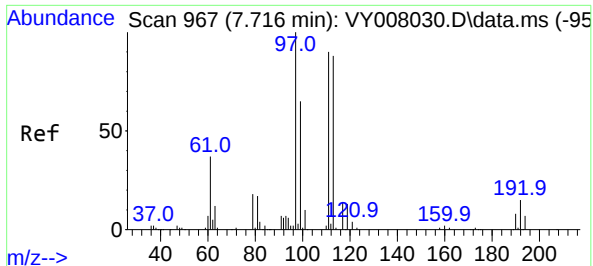
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.7 0.0 31.8

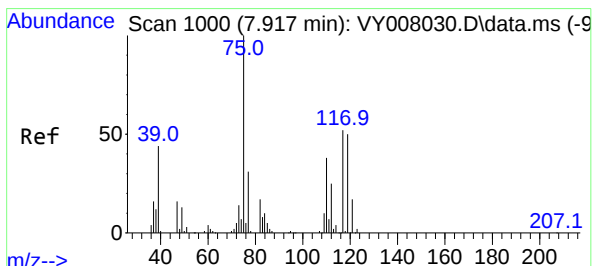
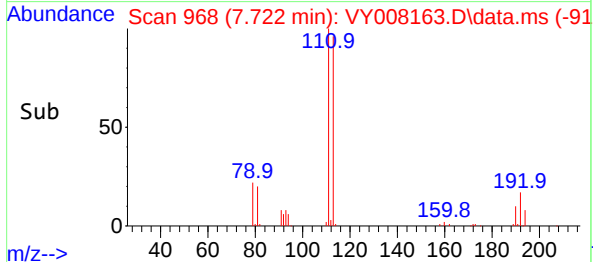
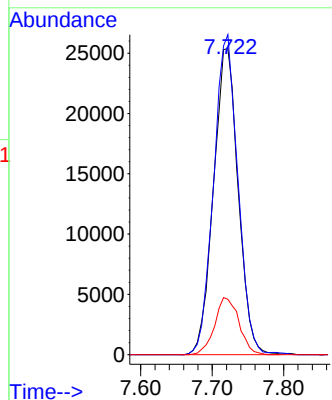
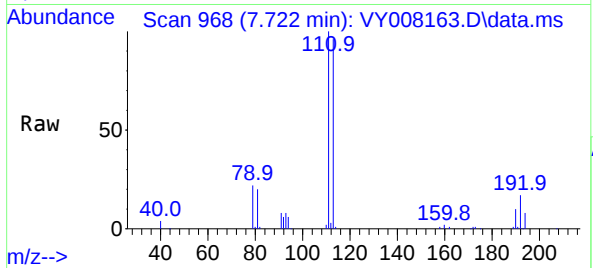




#35
Dibromofluoromethane
Concen: 48.477 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

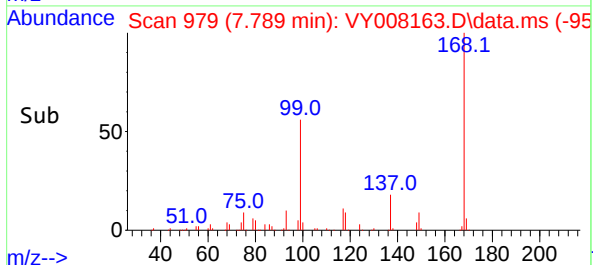
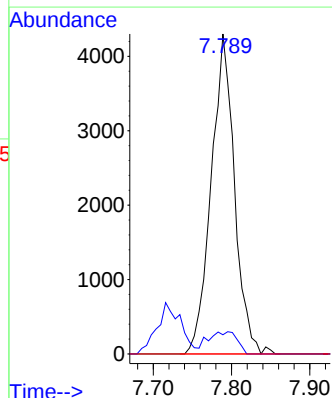
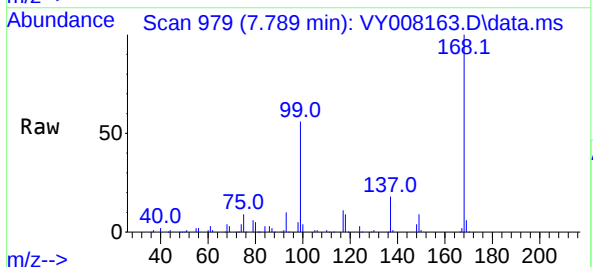
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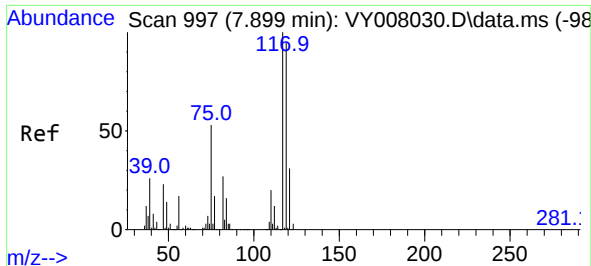
Tgt Ion:113 Resp: 60799
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

Tgt Ion: 75 Resp: 8883
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

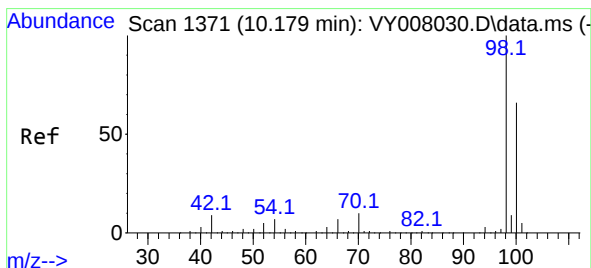
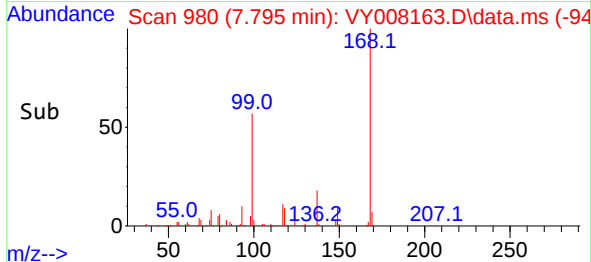
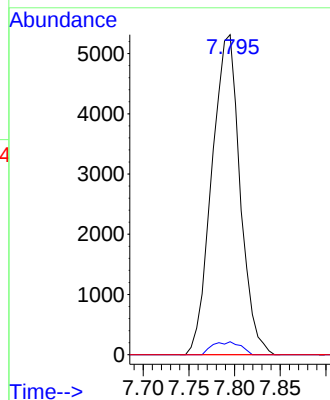
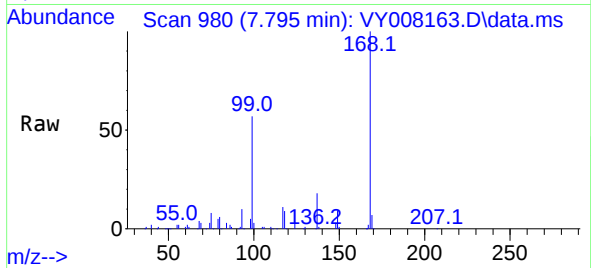




#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

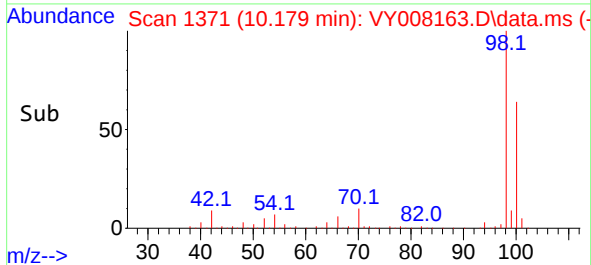
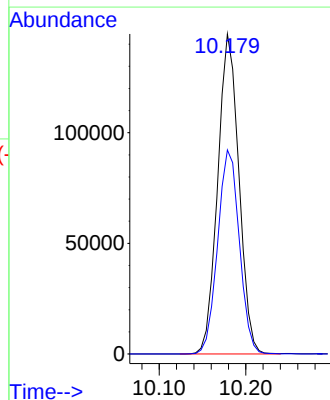
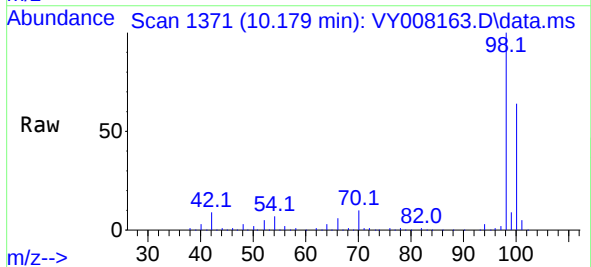
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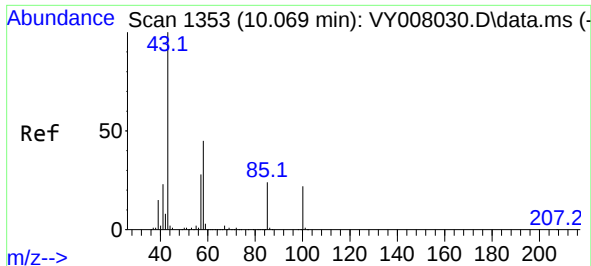
Tgt Ion:117 Resp: 11436
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.032 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

Tgt Ion: 98 Resp: 245862
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

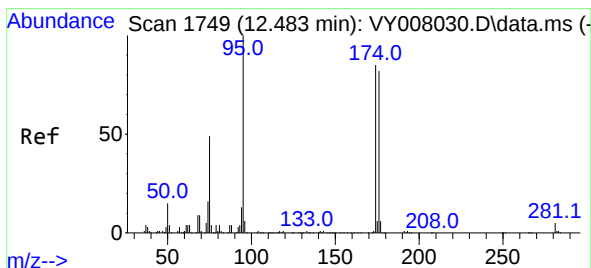
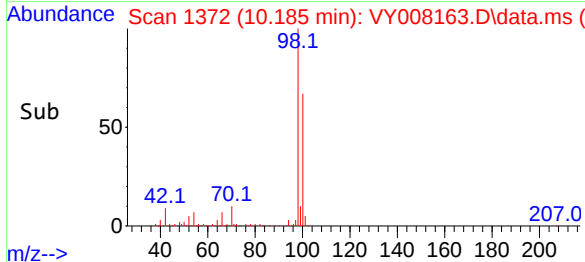
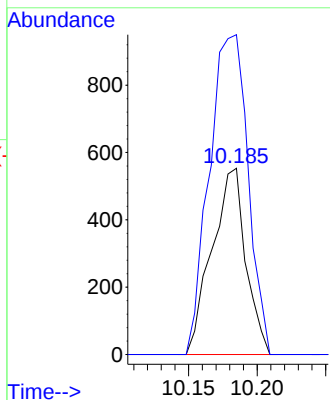
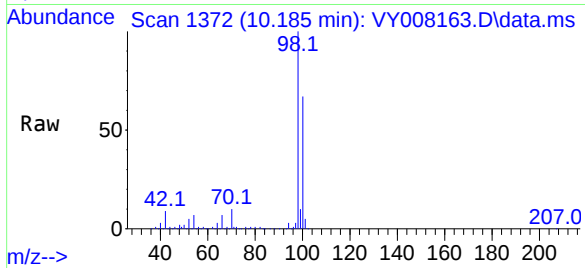




#51
4-Methyl-2-Pentanone
Concen: 1.041 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

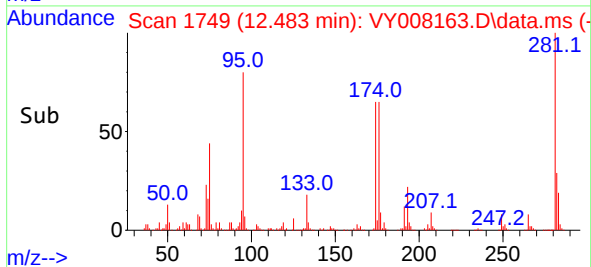
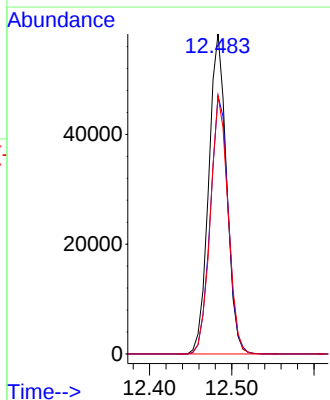
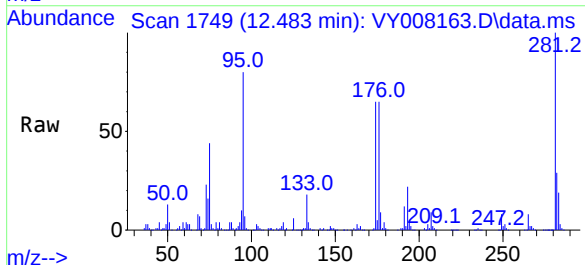
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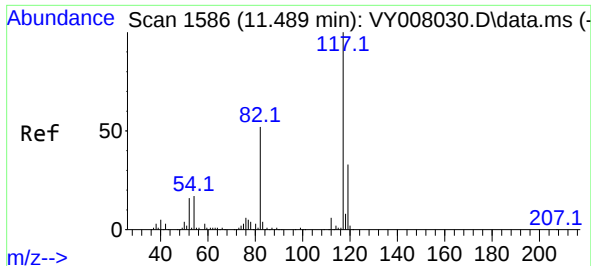
Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 196.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 52.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

Tgt Ion: 95 Resp: 87929
Ion Ratio Lower Upper
95 100
174 80.9 0.0 177.0
176 79.9 0.0 175.8

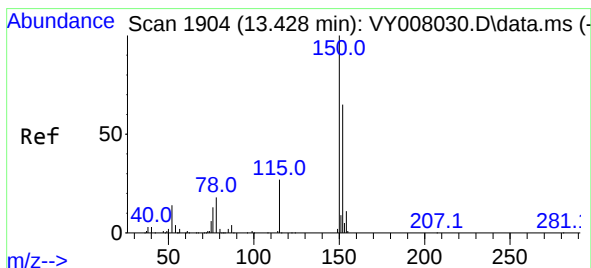
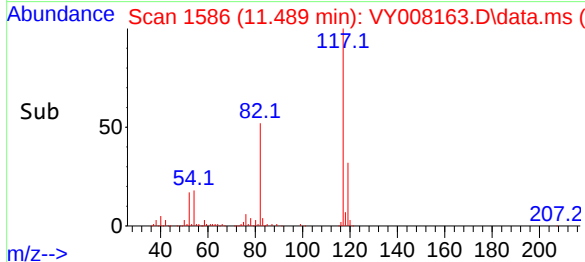
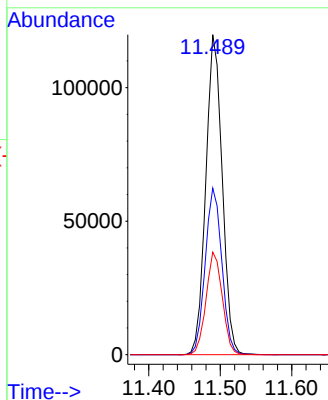
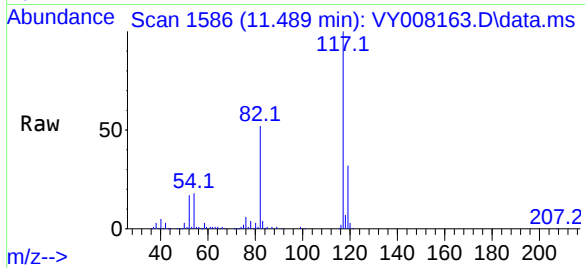




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

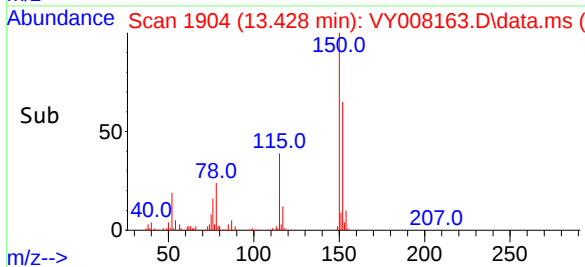
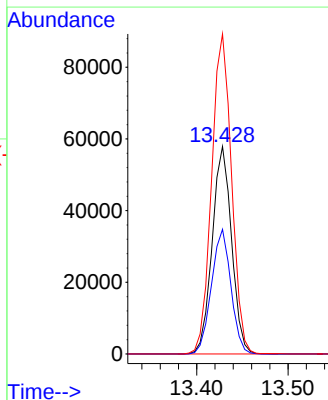
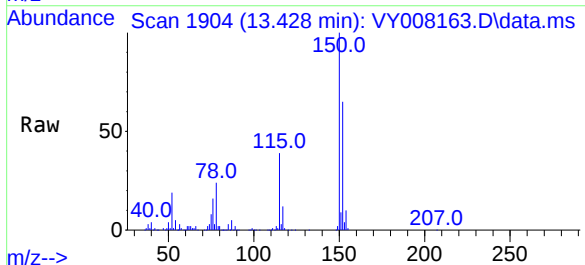
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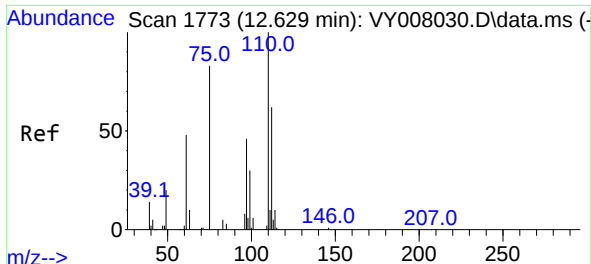
Tgt Ion:117 Resp: 190878
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

Tgt Ion:152 Resp: 85325
Ion Ratio Lower Upper
152 100
115 60.2 28.2 84.7
150 158.5 0.0 347.6

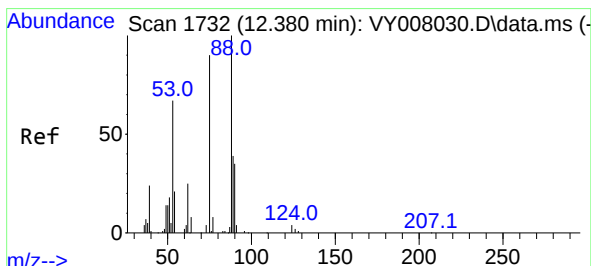
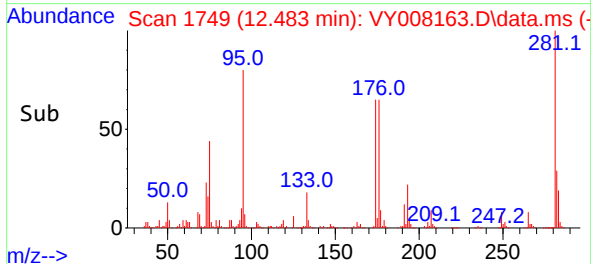
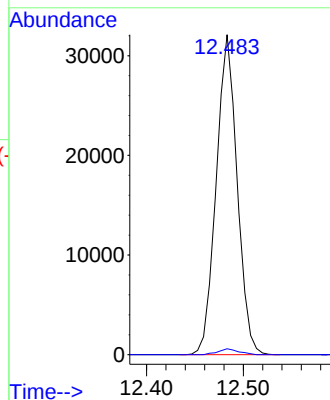
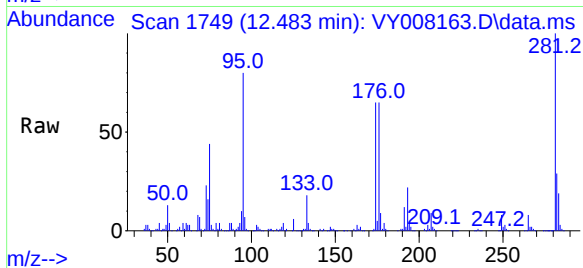




#76
1,2,3-Trichloropropane
Concen: 46.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :
A03015

Tgt Ion: 75 Resp: 48210
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.415 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008163.D
Acq: 01 Apr 2022 16:04

Tgt Ion: 75 Resp: 48210
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.9 37.0 55.4#

