

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012393.D
 Acq On : 30 Jan 2023 13:27
 Operator : KP/MD
 Sample : 01353-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11985

Quant Time: Jan 31 01:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

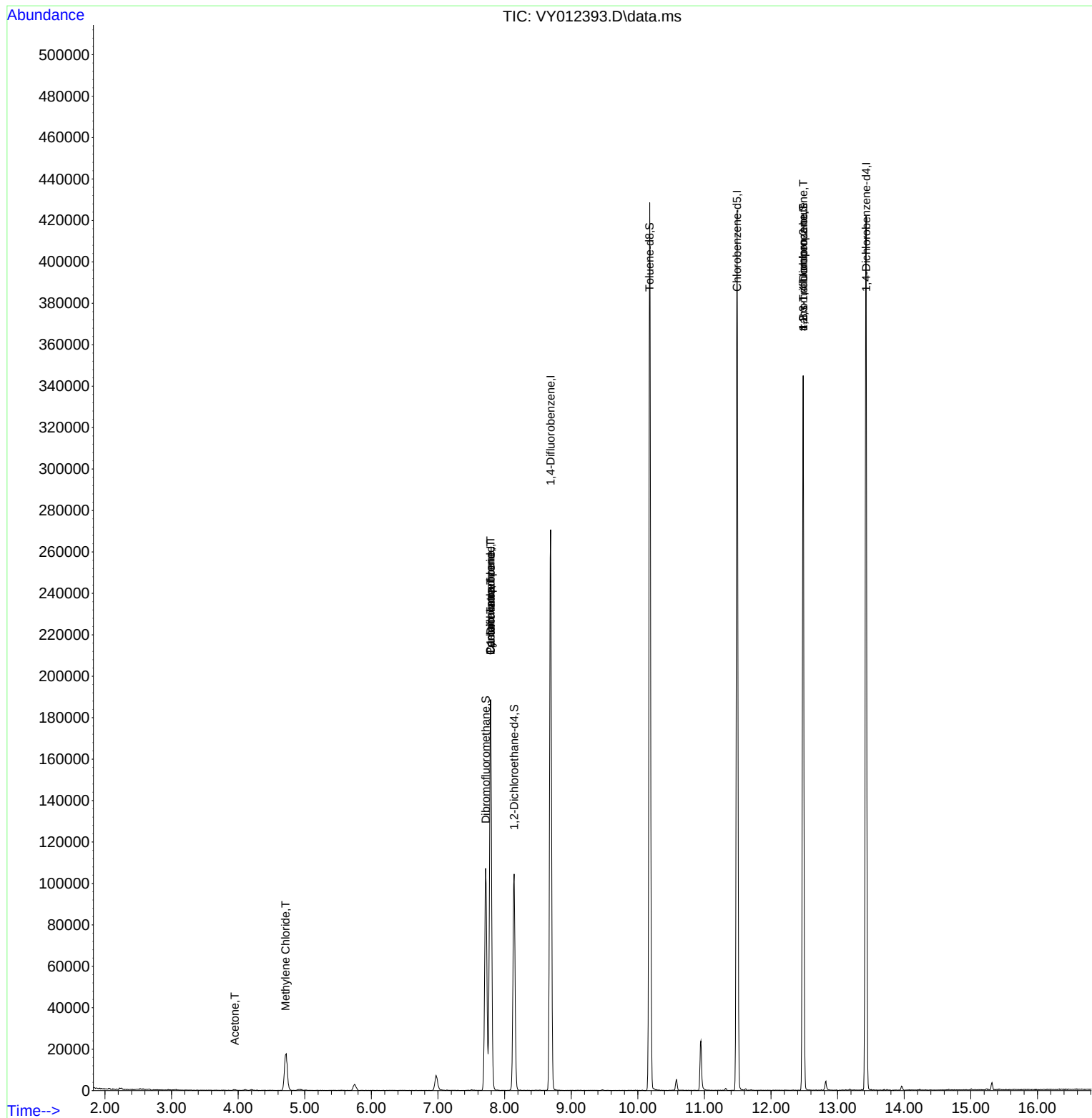
Internal Standards						
1) Pentafluorobenzene	7.789	168	145362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	89296	76.170	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.340%			
35) Dibromofluoromethane	7.715	113	70785	55.390	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.780%			
50) Toluene-d8	10.178	98	285632	65.885	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 131.780%			
62) 4-Bromofluorobenzene	12.483	95	95822	53.191	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.380%			
Target Compounds						
11) Tert butyl alcohol	4.911	59	334	Below Cal	#	74
16) Acetone	3.948	43	563	1.391	ug/l #	85
20) Methylene Chloride	4.710	84	15513	1.441	ug/l #	82
31) Cyclohexane	7.789	56	2736	1.291	ug/l #	24
36) 1,1-Dichloropropene	7.789	75	10067	4.635	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14475	5.160	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	53472	51.427	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53472	105.963	ug/l #	13

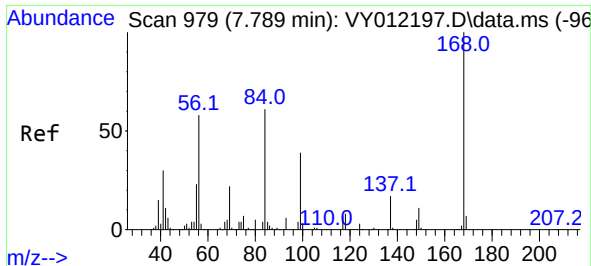
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012393.D
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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_Y
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72-11985

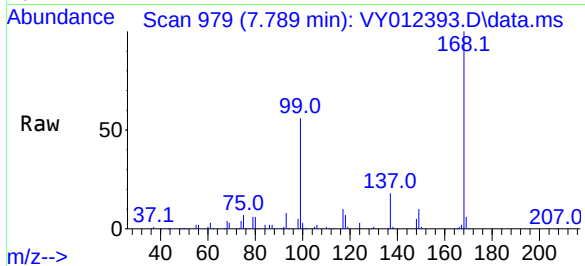
Quant Time: Jan 31 01:47:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
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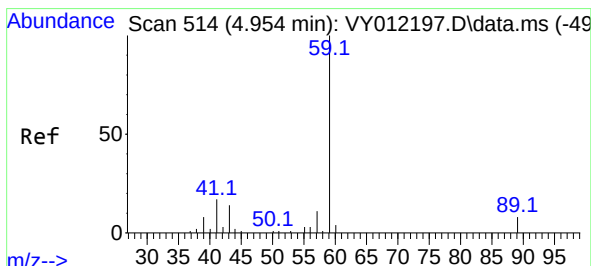
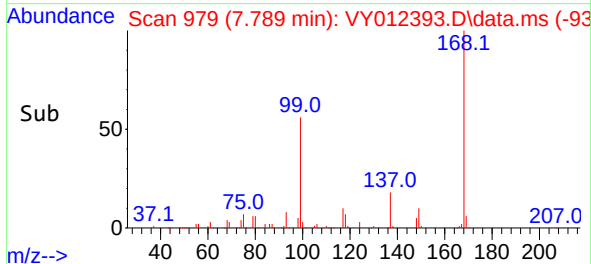
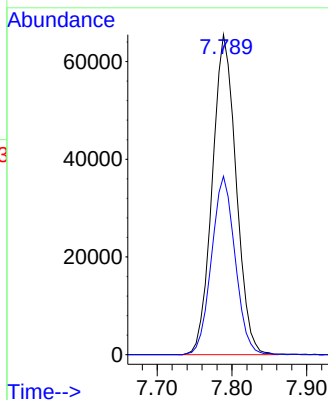


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Instrument :
MSVOA_Y
ClientSampleId :
72-11985

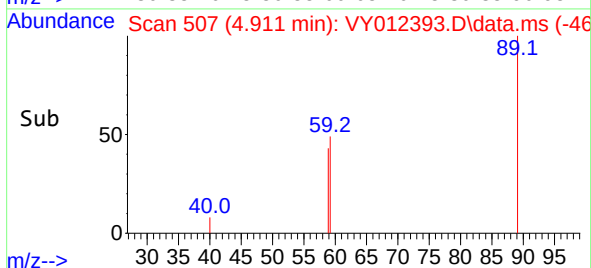
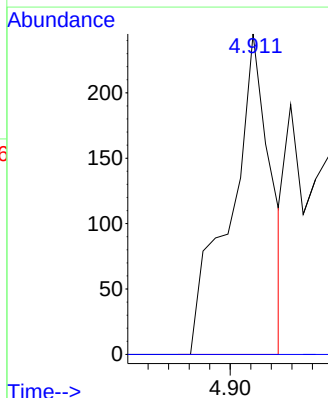
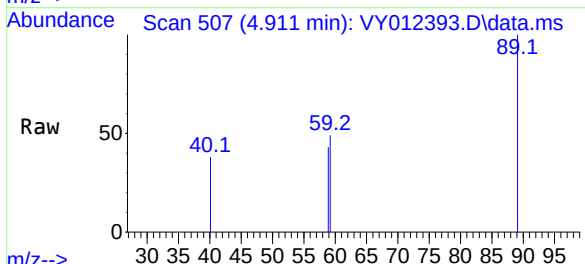


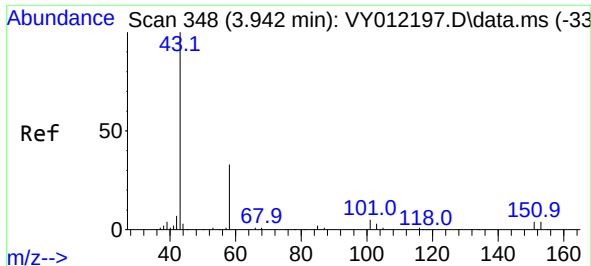
Tgt Ion:168 Resp: 145362
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Tgt Ion: 59 Resp: 334
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

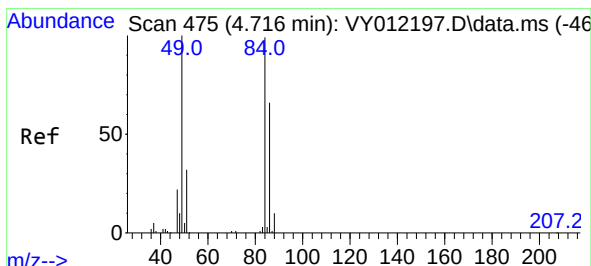
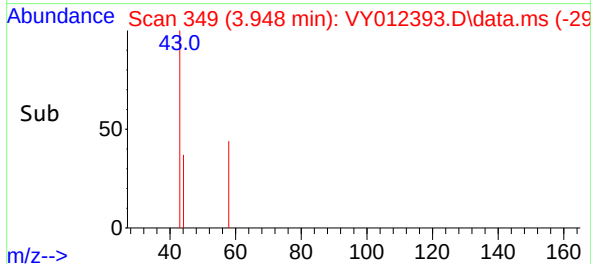
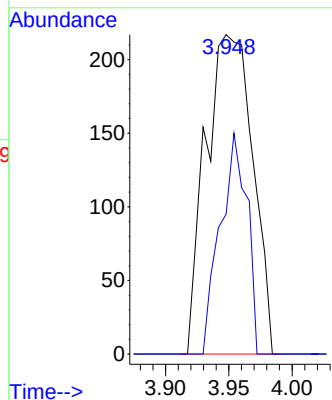
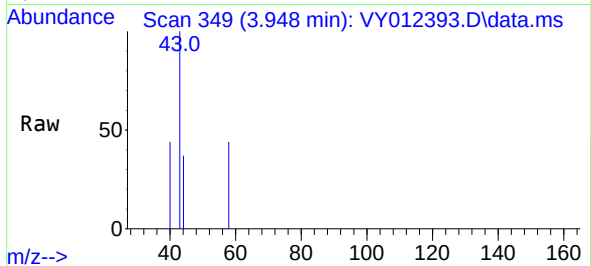




#16
Acetone
Concen: 1.391 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

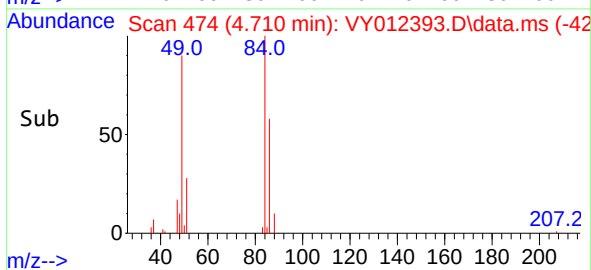
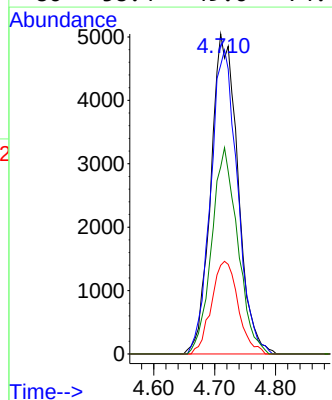
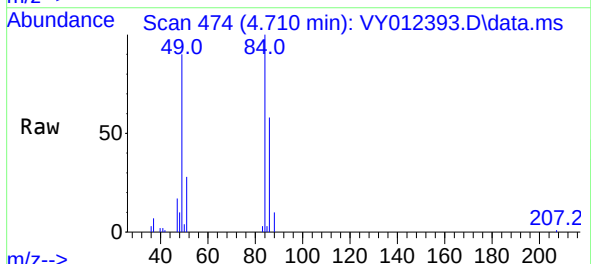
Instrument :
MSVOA_Y
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72-11985

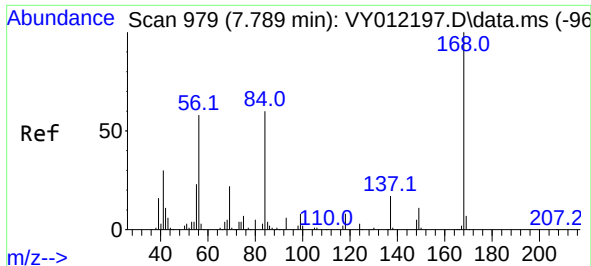
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 43.8 27.9 41.9#



#20
Methylene Chloride
Concen: 1.441 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

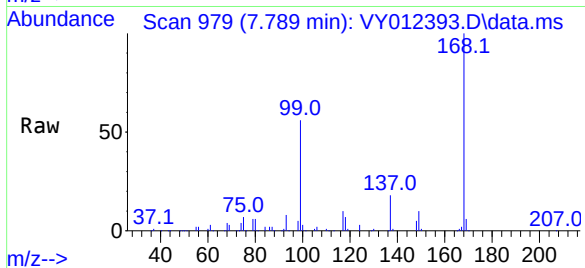
Tgt Ion: 84 Resp: 15513
Ion Ratio Lower Upper
84 100
49 90.2 95.4 143.2#
51 27.7 29.9 44.9#
86 58.4 49.6 74.4



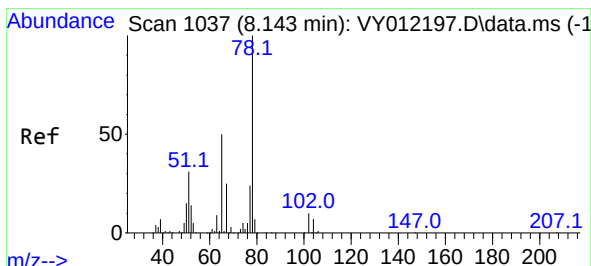
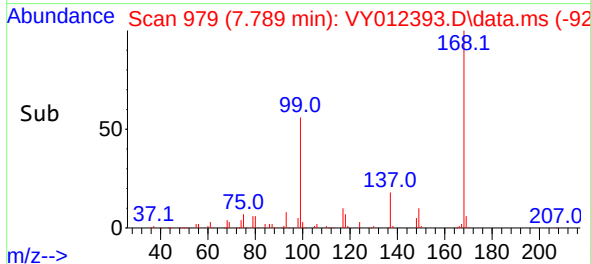
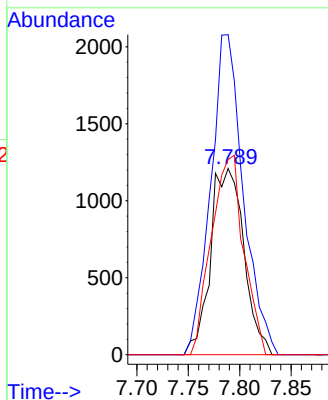


#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Instrument :
MSVOA_Y
ClientSampleId :
72-11985

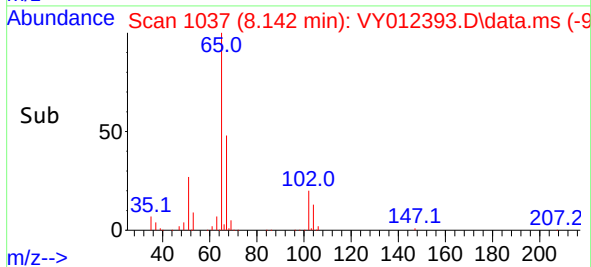
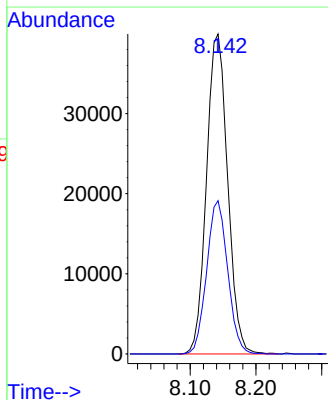
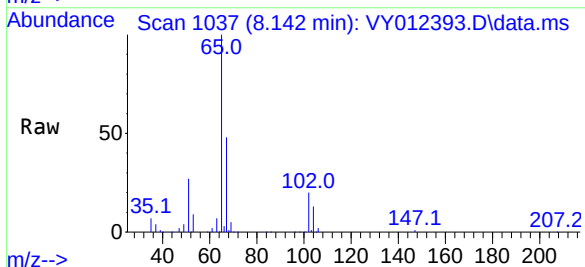


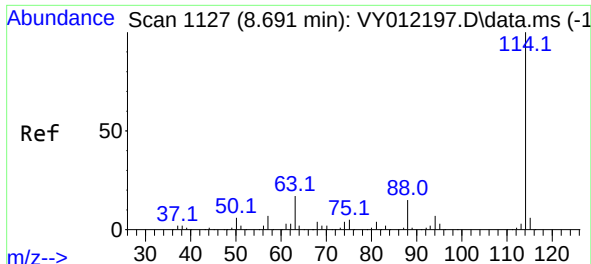
Tgt Ion: 56 Resp: 2736
Ion Ratio Lower Upper
56 100
69 172.0 29.2 43.8#
84 104.9 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 76.170 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Tgt Ion: 65 Resp: 89296
Ion Ratio Lower Upper
65 100
67 47.6 0.0 103.2

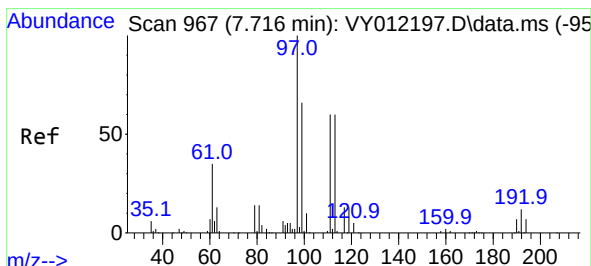
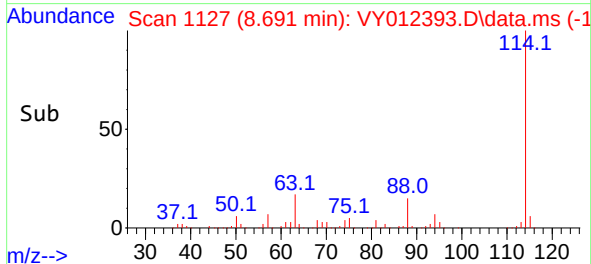
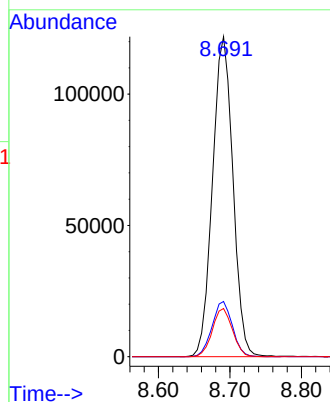
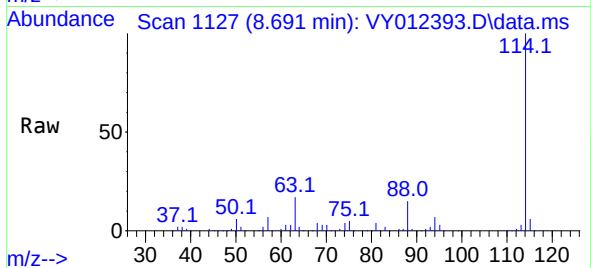




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

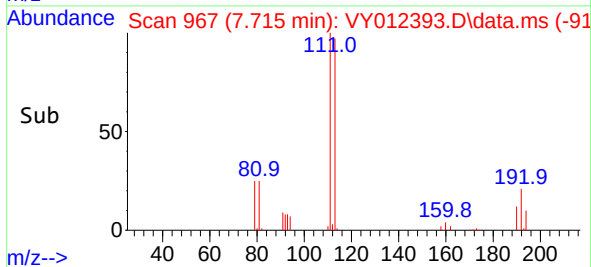
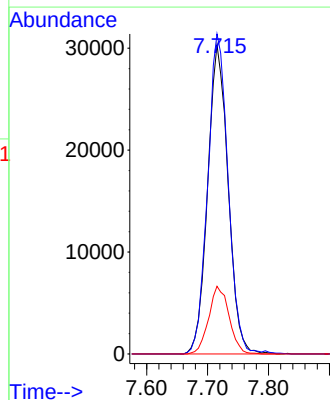
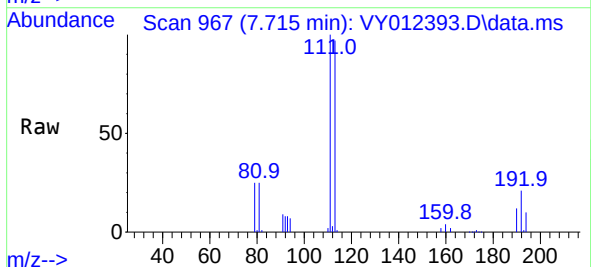
Instrument :
MSVOA_Y
ClientSampleId :
72-11985

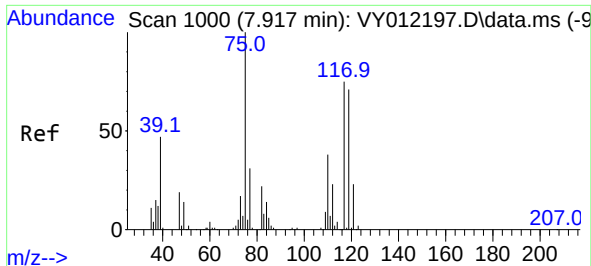
Tgt Ion:114 Resp: 241346
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 15.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.390 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Tgt Ion:113 Resp: 70785
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.4
192 21.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.635 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012393.D

Acq: 30 Jan 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

72-11985

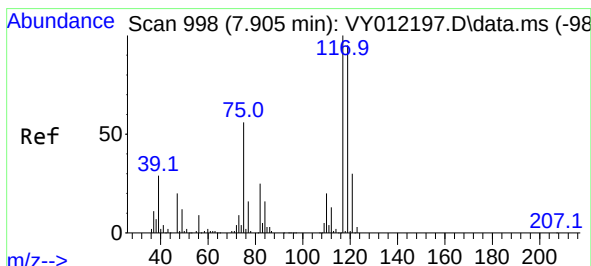
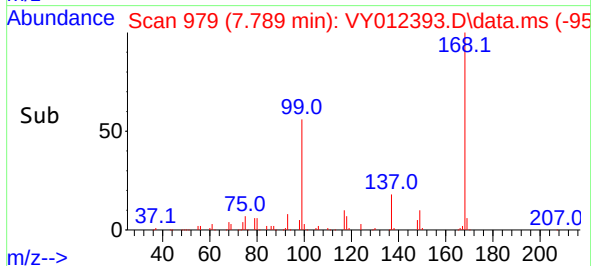
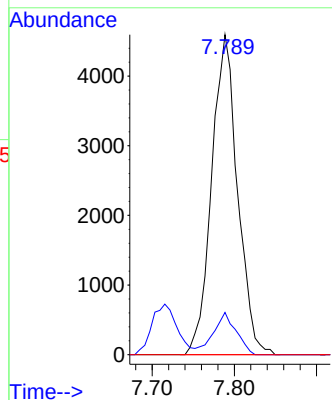
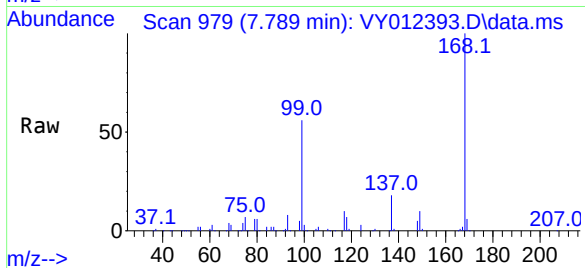
Tgt Ion: 75 Resp: 10067

Ion Ratio Lower Upper

75 100

110 11.6 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.160 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012393.D

Acq: 30 Jan 2023 13:27

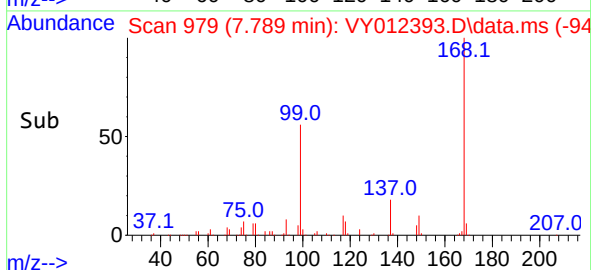
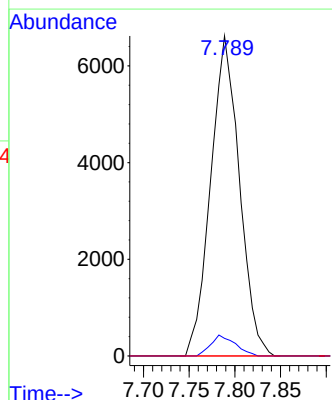
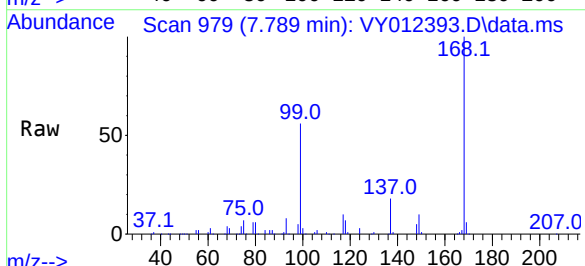
Tgt Ion:117 Resp: 14475

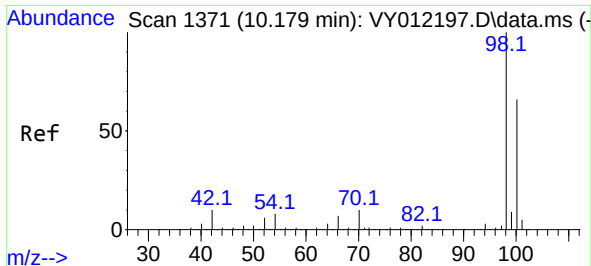
Ion Ratio Lower Upper

117 100

119 5.5 73.8 110.8#

121 0.0 25.2 37.8#

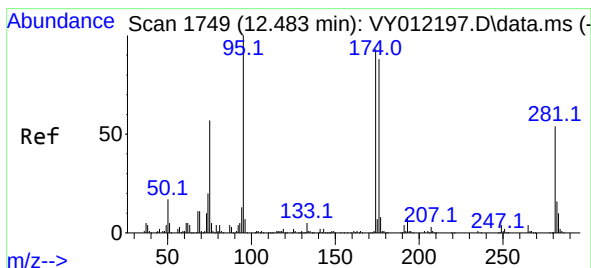
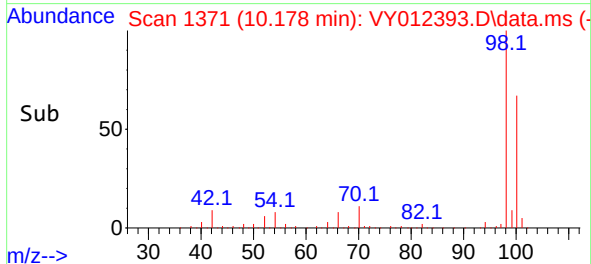
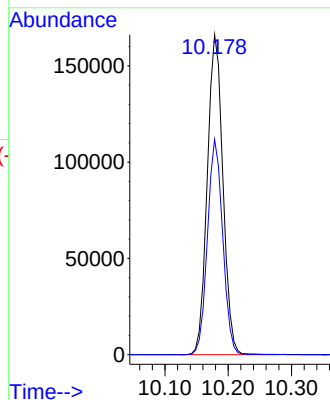
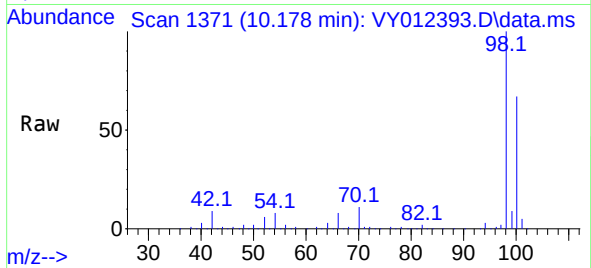




#50
Toluene-d8
Concen: 65.885 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

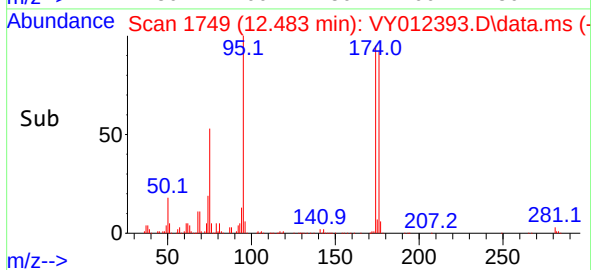
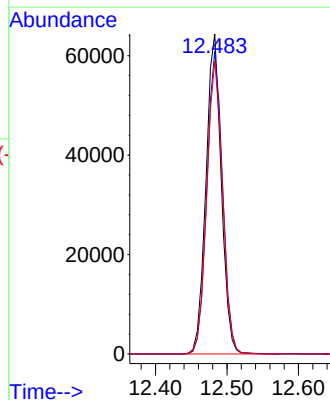
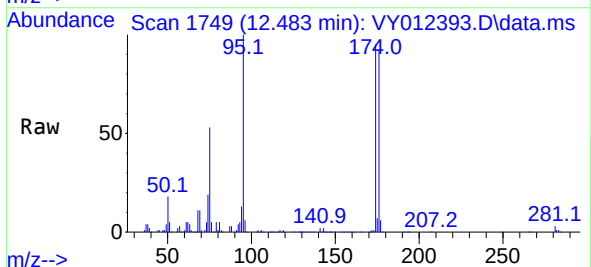
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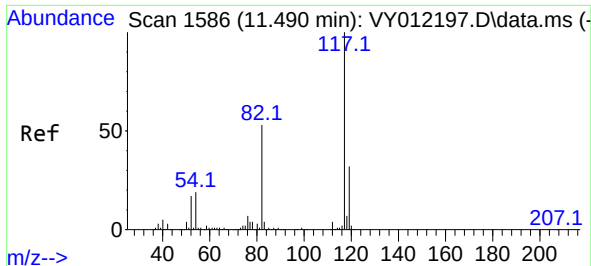
Tgt Ion: 98 Resp: 285632
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.191 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Tgt Ion: 95 Resp: 95822
Ion Ratio Lower Upper
95 100
174 97.1 0.0 172.0
176 94.0 0.0 167.6

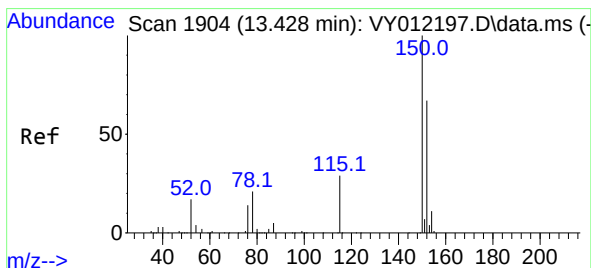
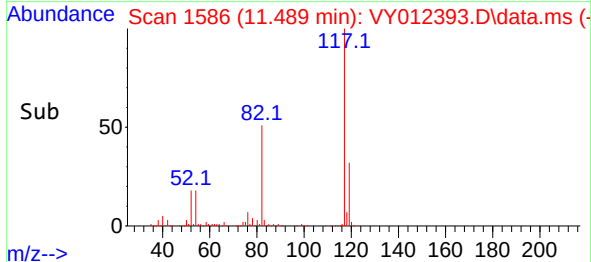
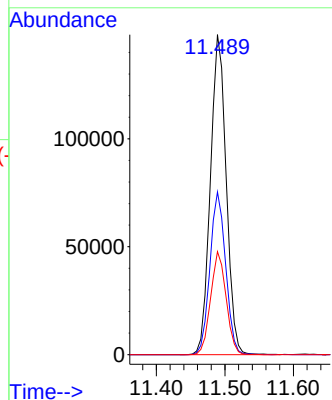
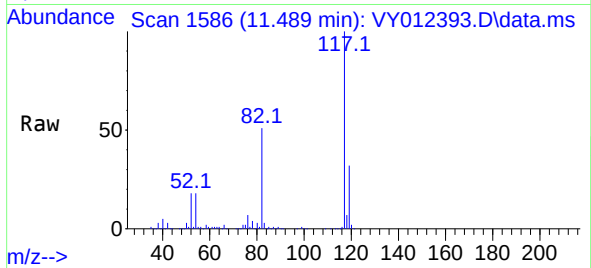




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

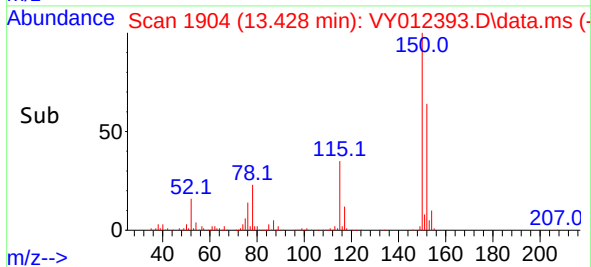
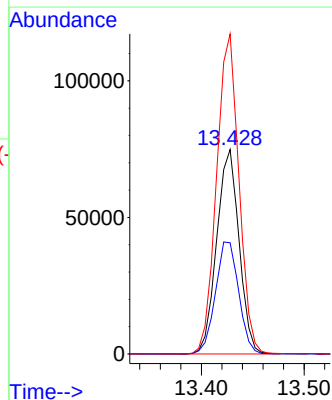
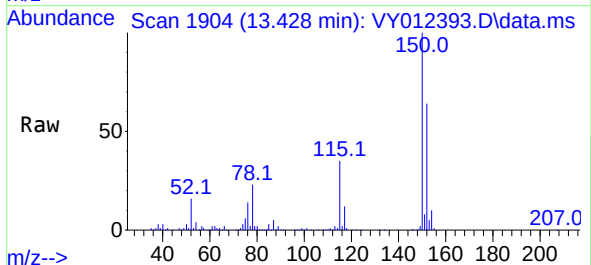
Instrument :
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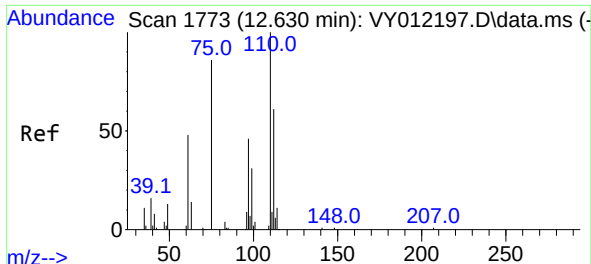
Tgt Ion:117 Resp: 237536
Ion Ratio Lower Upper
117 100
82 50.8 44.8 67.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Tgt Ion:152 Resp: 113074
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 156.5 0.0 342.6

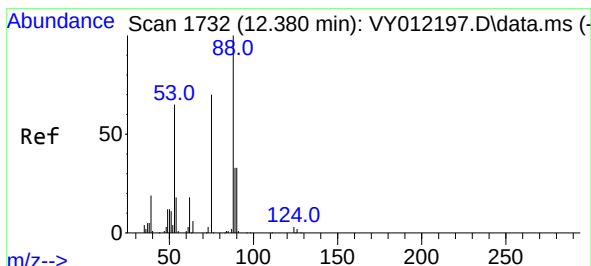
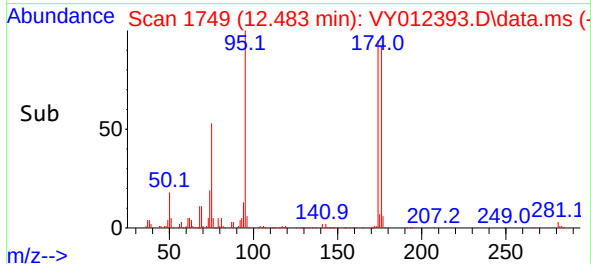
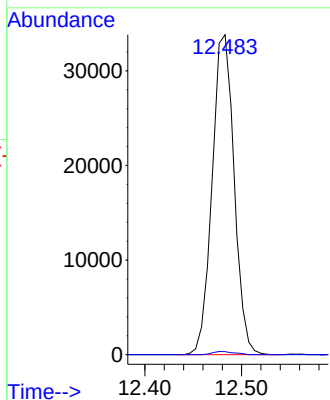
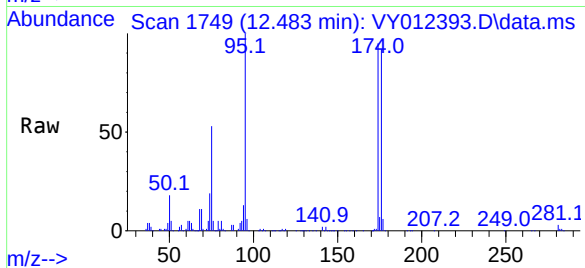




#76
1,2,3-Trichloropropane
Concen: 51.427 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Instrument :
MSVOA_Y
ClientSampleId :
72-11985

Tgt Ion: 75 Resp: 53472
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.963 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Tgt Ion: 75 Resp: 53472
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

