

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013807.D
 Acq On : 18 May 2023 18:03
 Operator : KP/MD
 Sample : 02832-01
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-22-K2-SO-64-051723

Quant Time: May 19 03:23:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

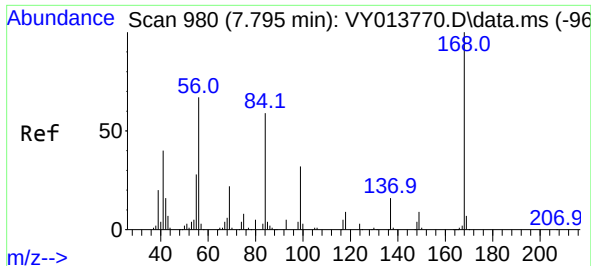
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	170620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	265945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115108	58.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.160%
35) Dibromofluoromethane	7.722	113	92599	51.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.185	98	342984	50.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.483	95	106103	46.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.740%
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	1729	2.891	ug/l #	63
20) Methylene Chloride	4.728	84	11030	Below Cal		89
31) Cyclohexane	7.795	56	3995	1.406	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13591	5.472	ug/l #	52
38) Carbon Tetrachloride	7.795	117	17417	6.647	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1829	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	58158	40.310	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58158	89.745	ug/l #	12

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

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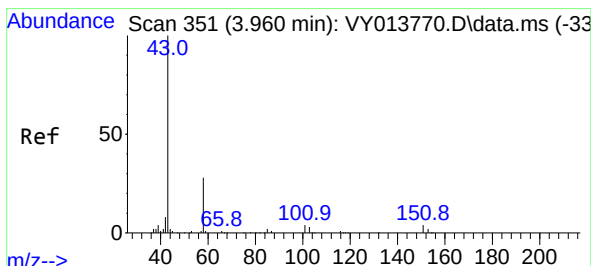
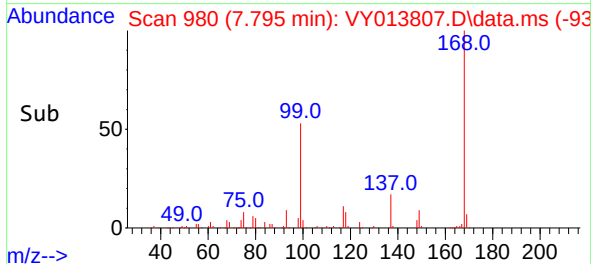
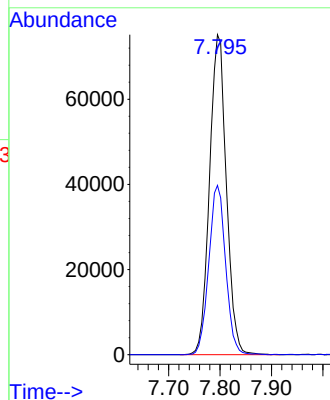
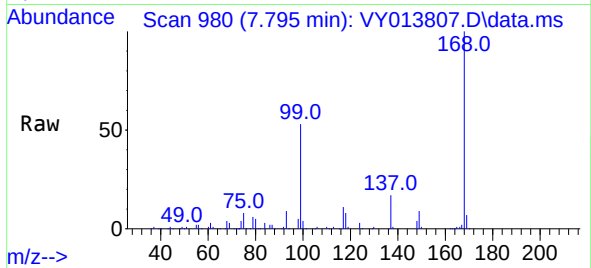




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

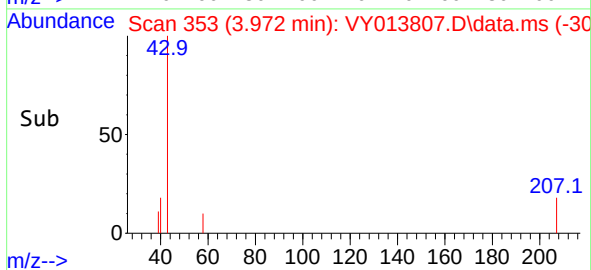
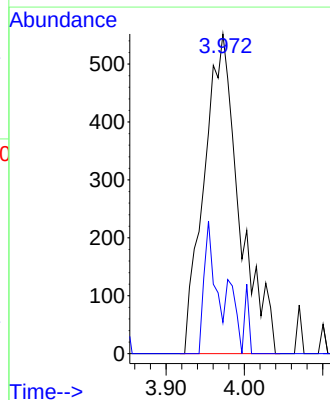
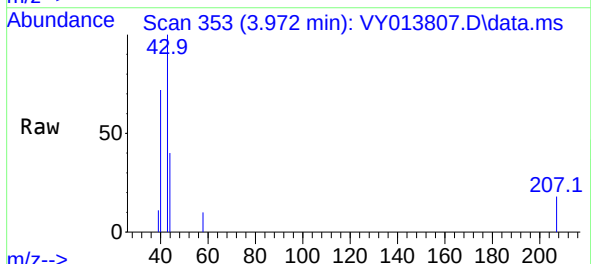
Instrument :
MSVOA_Y
ClientSampleId :
CB-22-K2-SO-64-051723

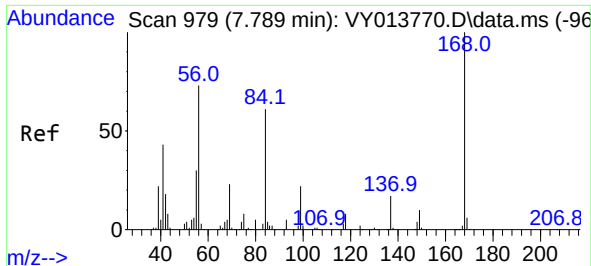
Tgt Ion:168 Resp: 170620
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#16
Acetone
Concen: 2.891 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 9.8 23.7 35.5#

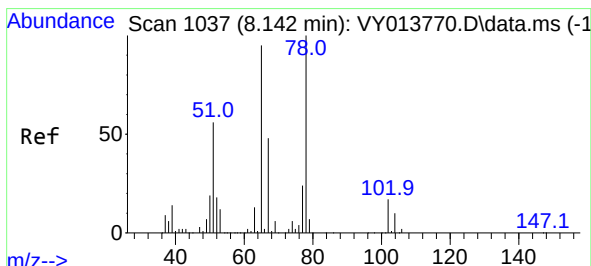
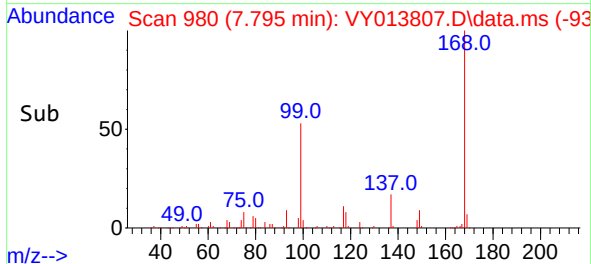
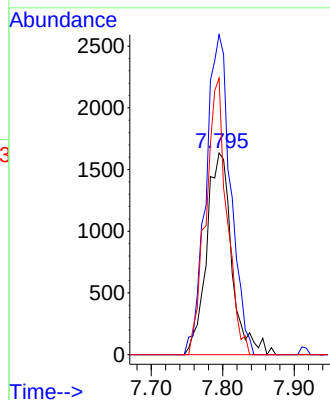
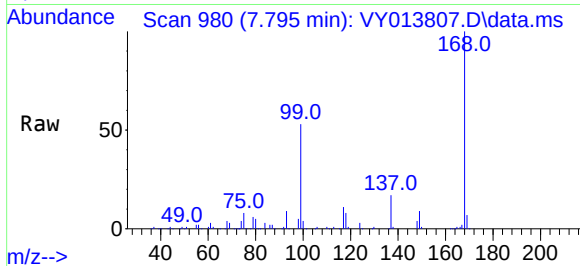




#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

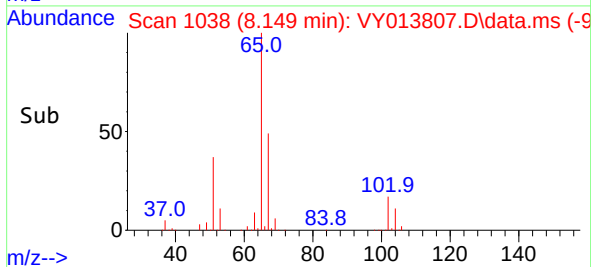
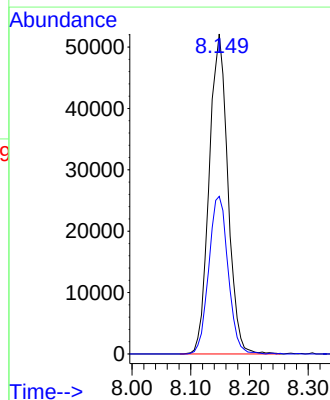
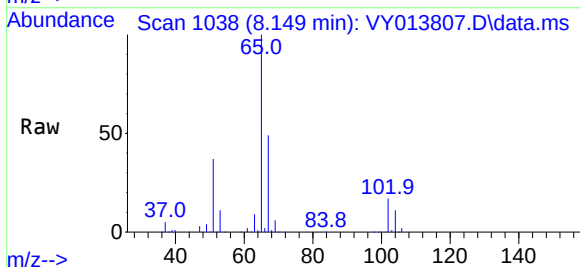
Instrument :
MSVOA_Y
ClientSampleId :
CB-22-K2-SO-64-051723

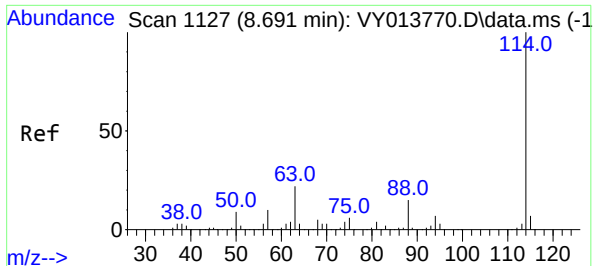
Tgt Ion: 56 Resp: 3995
Ion Ratio Lower Upper
56 100
69 158.6 25.8 38.6#
84 137.1 65.8 98.6#



#33
1,2-Dichloroethane-d4
Concen: 58.076 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

Tgt Ion: 65 Resp: 115108
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.6

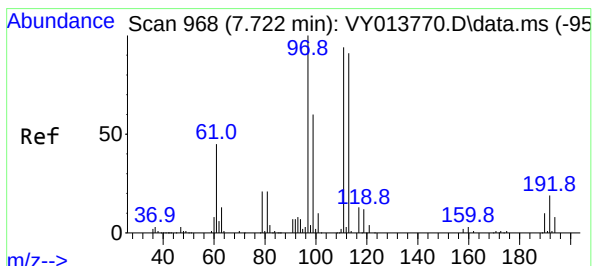
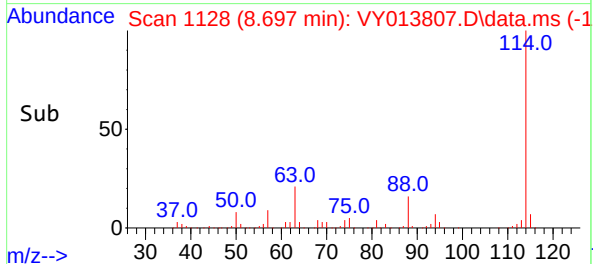
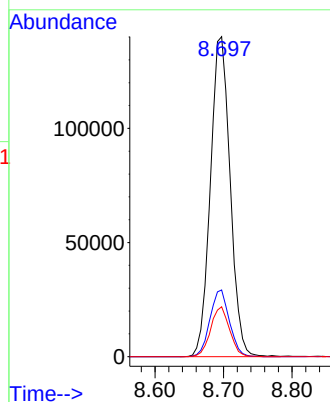
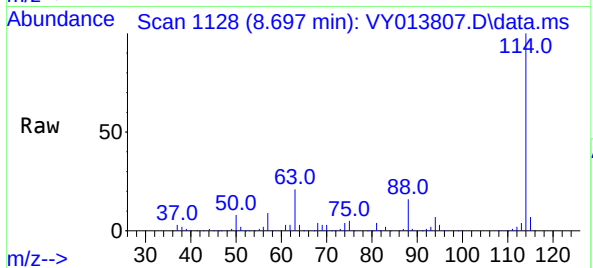




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

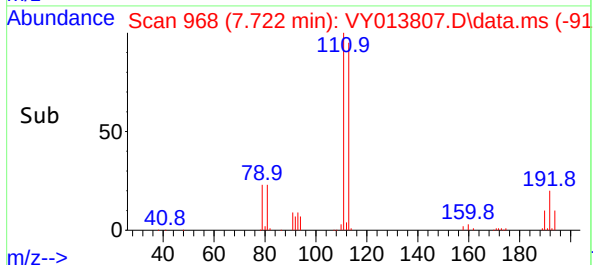
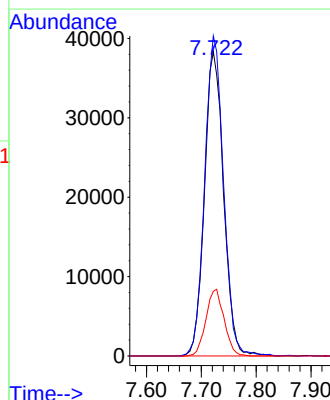
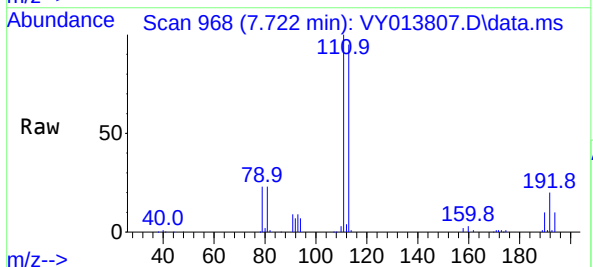
Instrument :
MSVOA_Y
ClientSampleId :
CB-22-K2-SO-64-051723

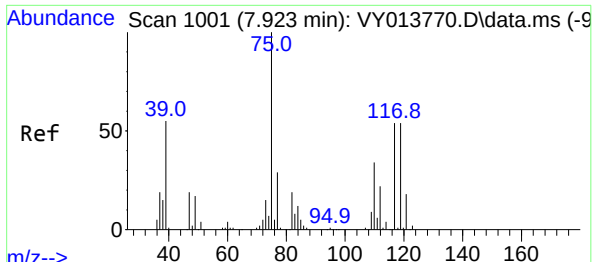
Tgt Ion:114 Resp: 280338
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.8
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.510 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

Tgt Ion:113 Resp: 92599
Ion Ratio Lower Upper
113 100
111 104.2 82.3 123.5
192 20.8 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.472 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY013807.D

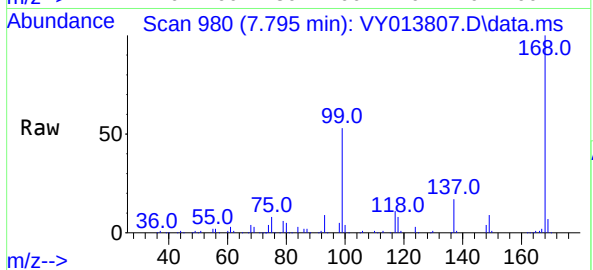
Acq: 18 May 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

CB-22-K2-SO-64-051723



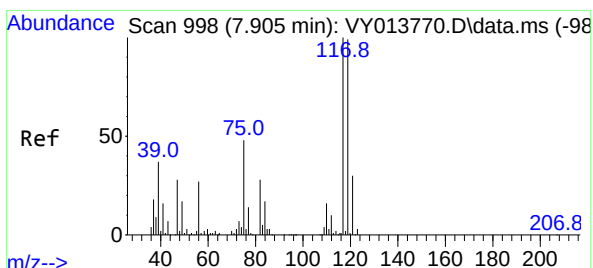
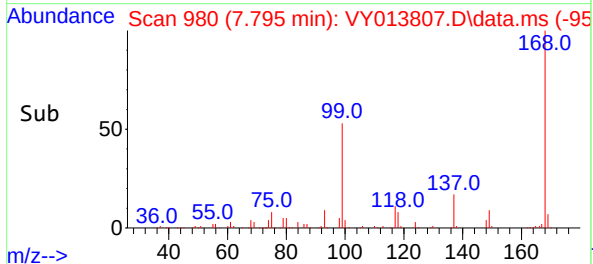
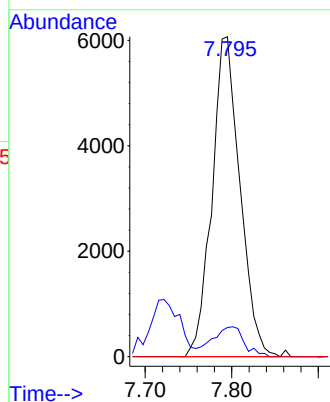
Tgt Ion: 75 Resp: 13591

Ion Ratio Lower Upper

75 100

110 10.7 17.3 51.7#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.647 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY013807.D

Acq: 18 May 2023 18:03

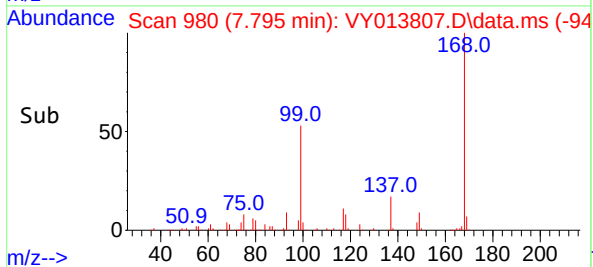
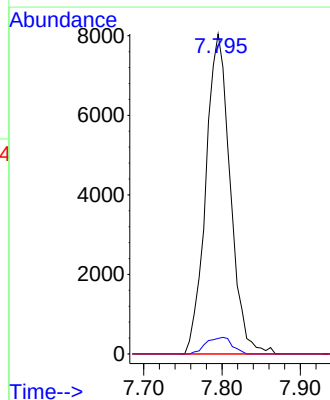
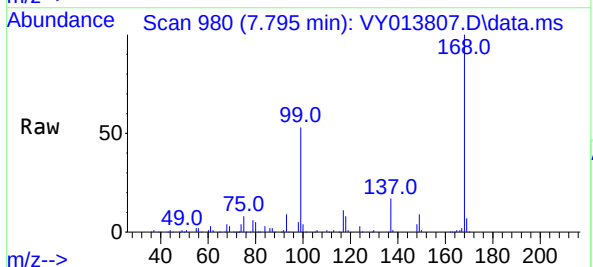
Tgt Ion: 117 Resp: 17417

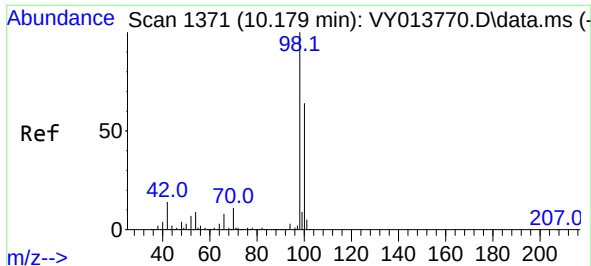
Ion Ratio Lower Upper

117 100

119 4.9 79.0 118.6#

121 0.0 24.1 36.1#

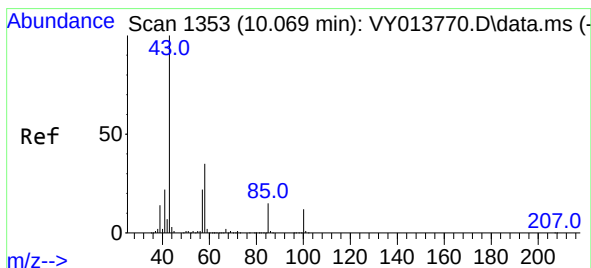
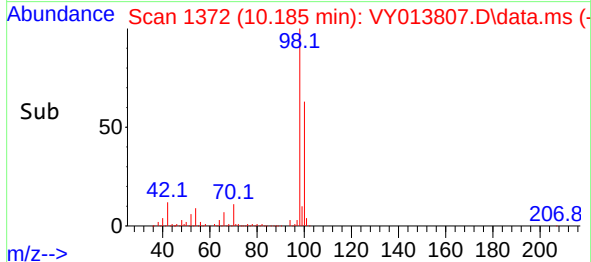
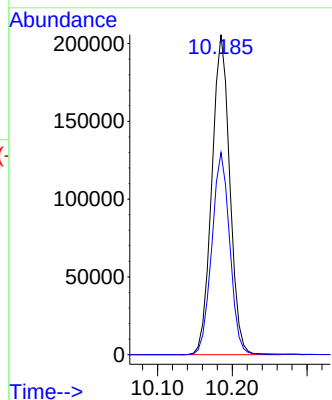
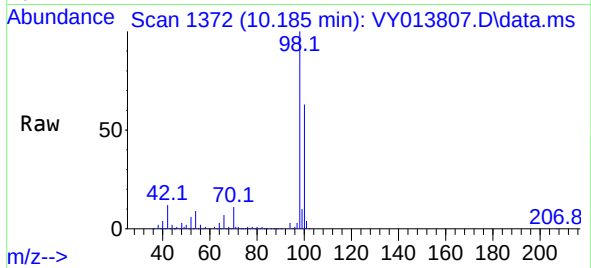




#50
Toluene-d8
Concen: 50.326 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

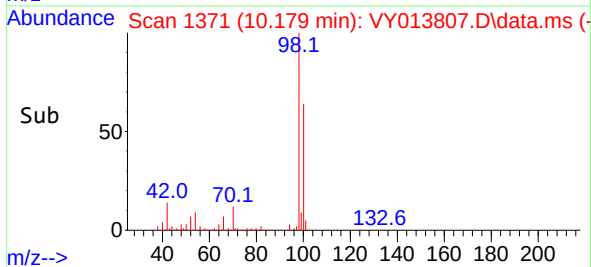
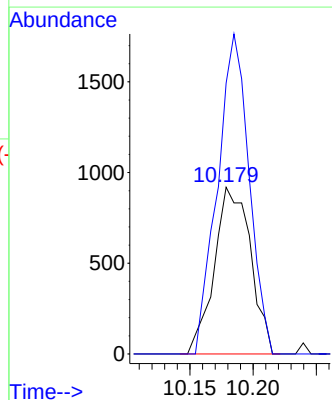
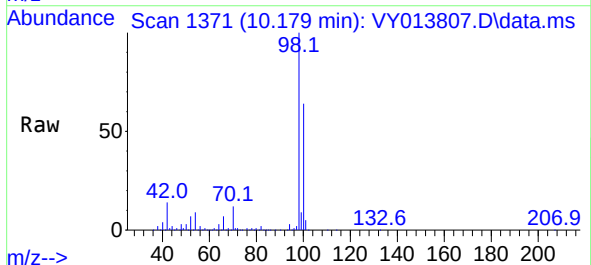
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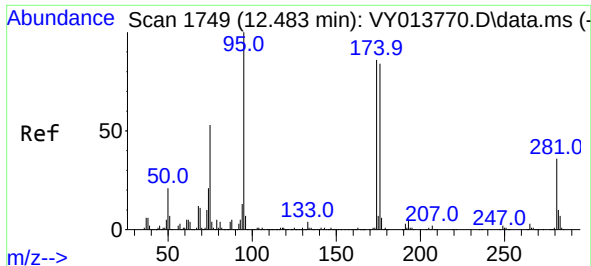
Tgt Ion: 98 Resp: 342984
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 1.059 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

Tgt Ion: 43 Resp: 1829
Ion Ratio Lower Upper
43 100
58 167.7 28.2 42.2#

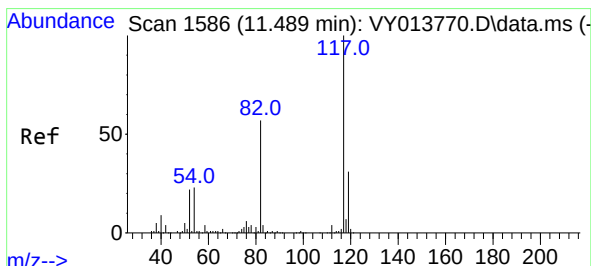
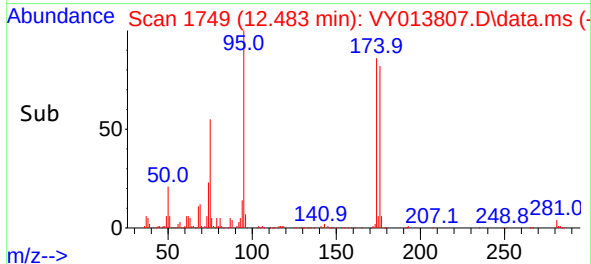
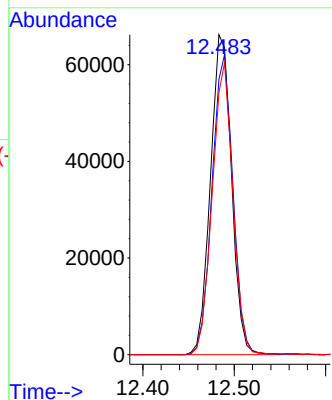
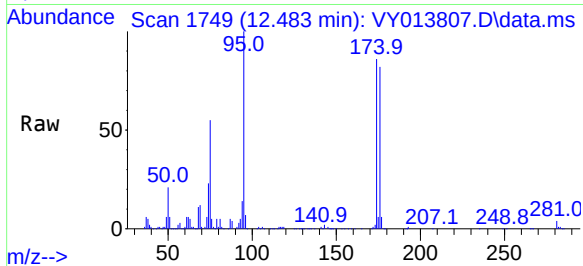




#62
4-Bromofluorobenzene
Concen: 46.871 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

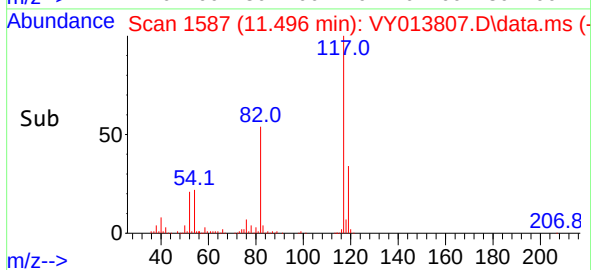
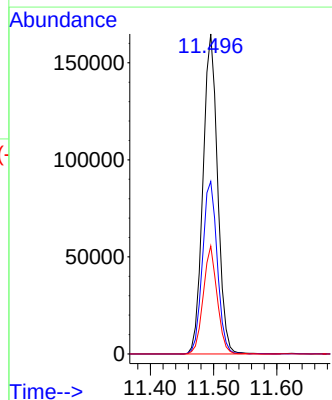
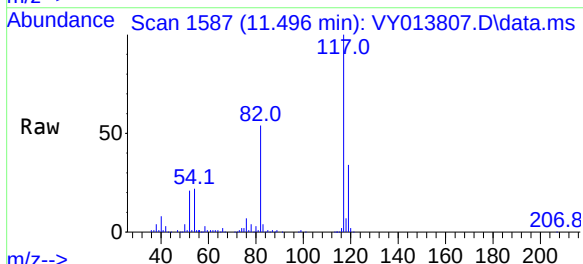
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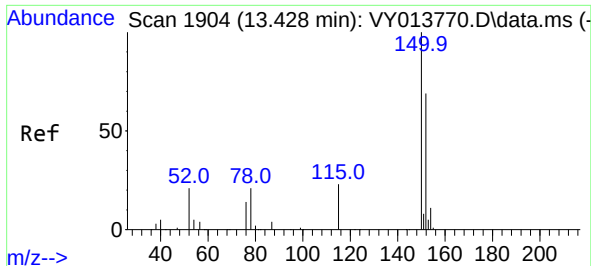
Tgt Ion: 95 Resp: 106103
Ion Ratio Lower Upper
95 100
174 93.2 0.0 168.8
176 89.4 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

Tgt Ion: 117 Resp: 265945
Ion Ratio Lower Upper
117 100
82 53.9 45.5 68.3
119 33.8 24.8 37.2

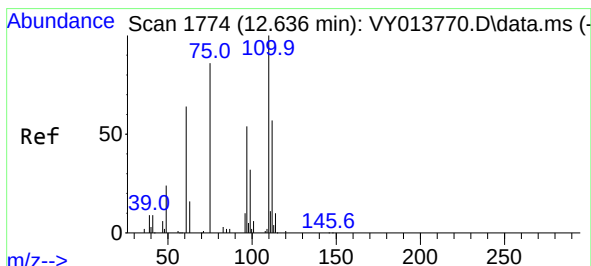
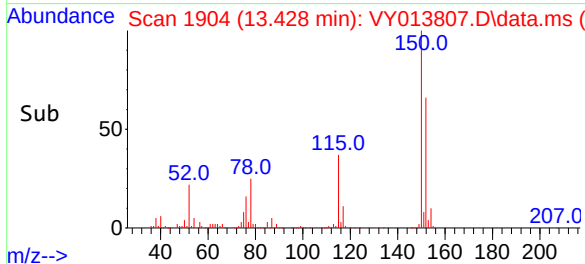
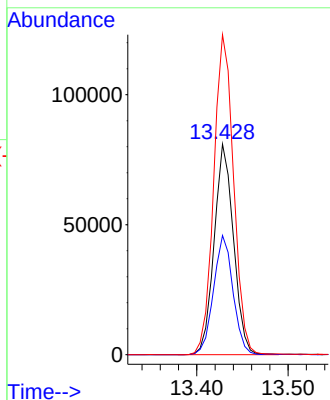
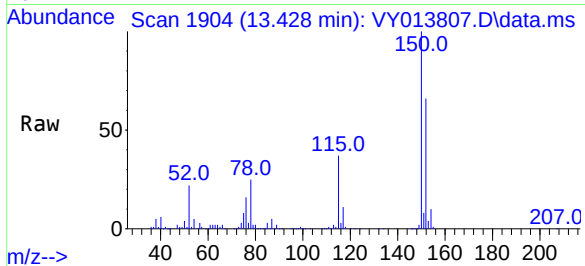




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

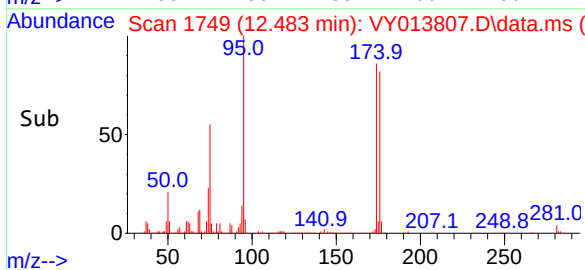
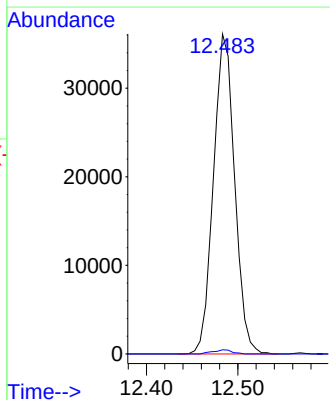
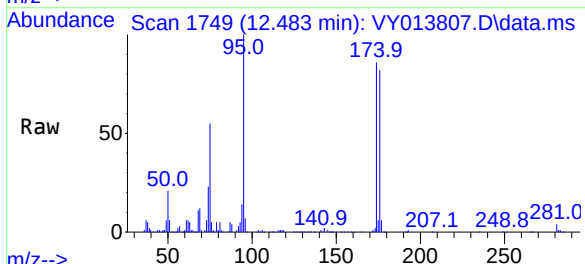
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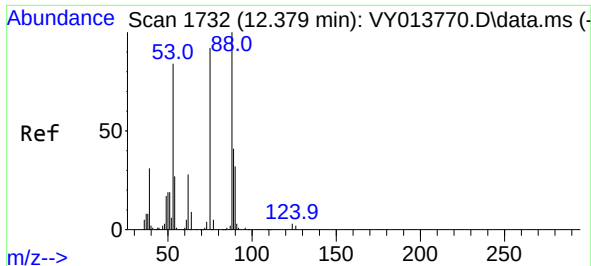
Tgt Ion:152 Resp: 119211
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.5
150 156.4 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 40.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013807.D
Acq: 18 May 2023 18:03

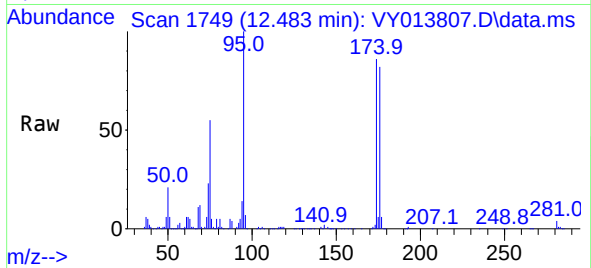
Tgt Ion: 75 Resp: 58158
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.745 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013807.D
 Acq: 18 May 2023 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-22-K2-SO-64-051723



Tgt Ion: 75 Resp: 58158
 Ion Ratio Lower Upper
 75 100
 53 0.3 75.3 112.9#
 89 0.0 35.4 53.2#

