

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013799.D
 Acq On : 18 May 2023 14:15
 Operator : KP/MD
 Sample : 02828-04
 Misc : 5.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: May 19 03:21:49 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)

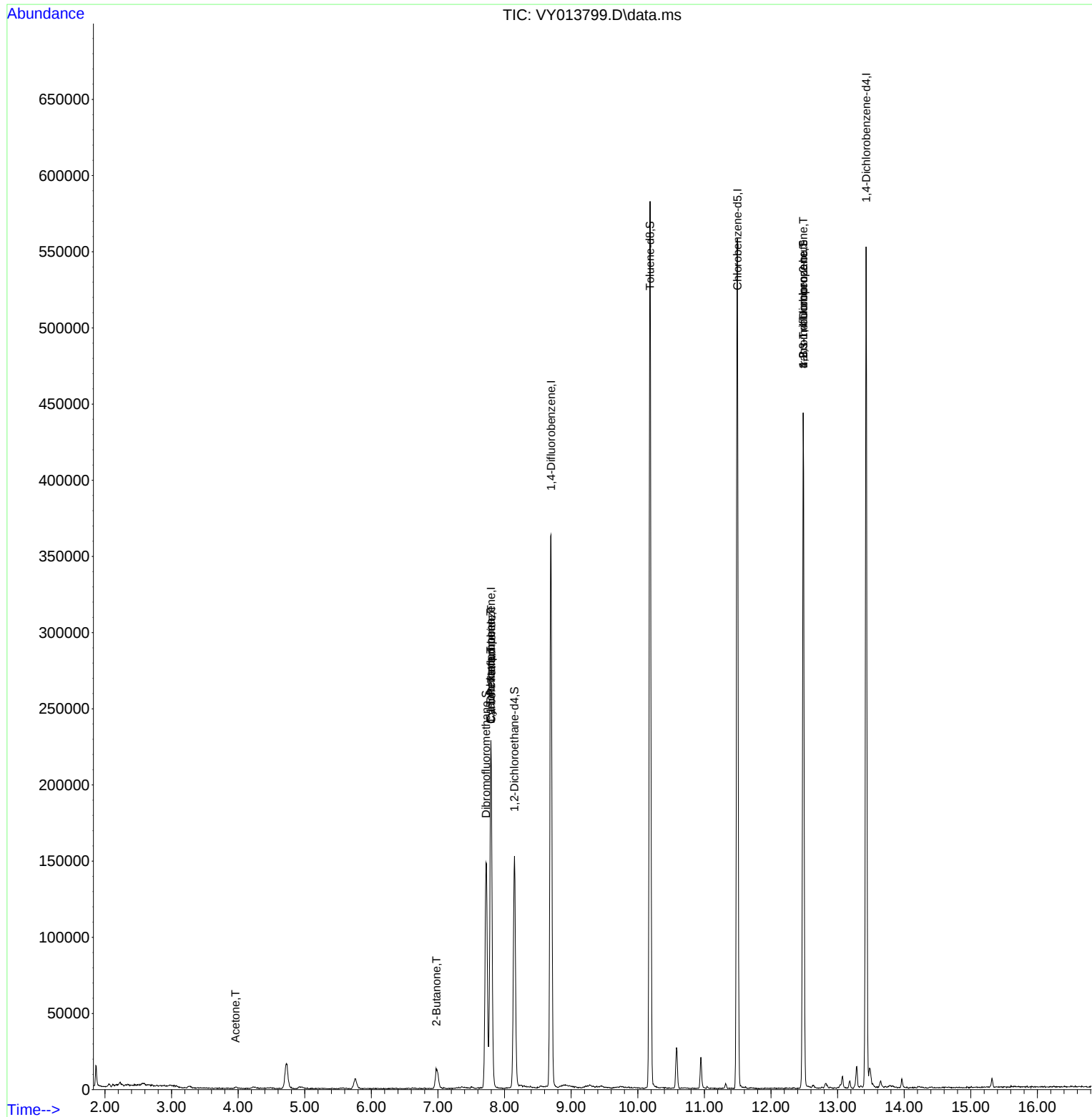
Internal Standards						
1) Pentafluorobenzene	7.795	168	174048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	301364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122925	60.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.600%	
35) Dibromofluoromethane	7.722	113	103105	53.353	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.700%	
50) Toluene-d8	10.185	98	366599	50.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.483	95	121489	49.923	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.961	43	1625	2.664	ug/l	94
25) 2-Butanone	6.978	43	843	1.063	ug/l #	52
31) Cyclohexane	7.789	56	4136	1.427	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13478	5.048	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17442	6.192	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	67306	40.959	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67306	91.189	ug/l #	12

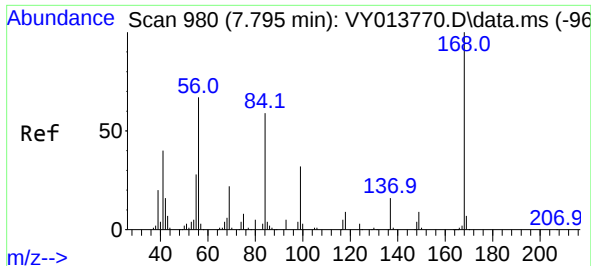
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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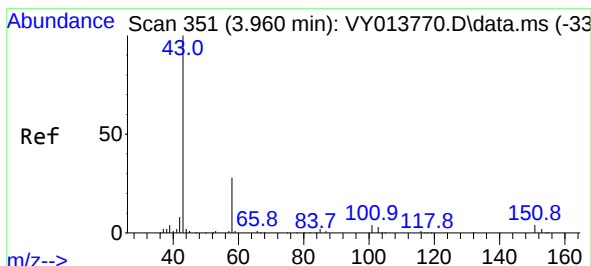
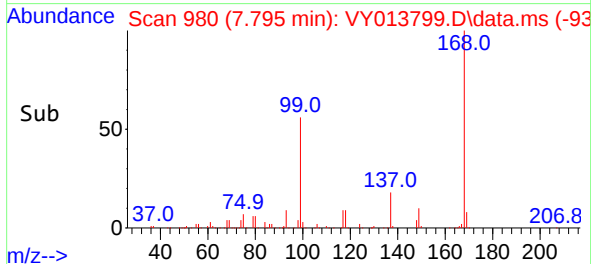
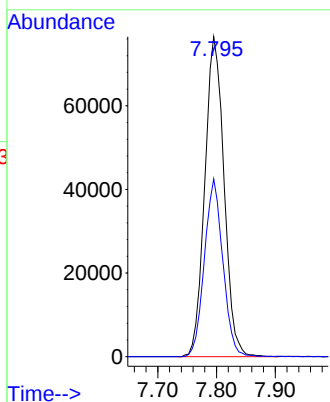
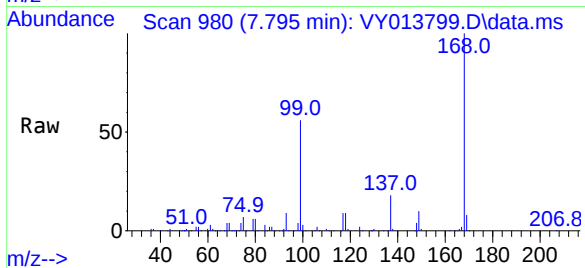




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

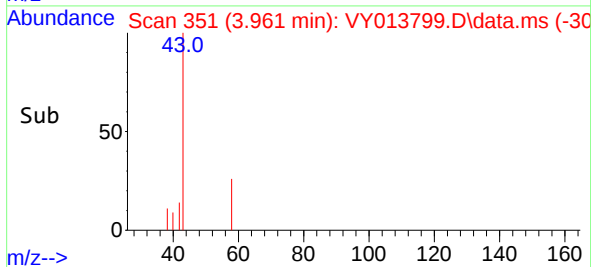
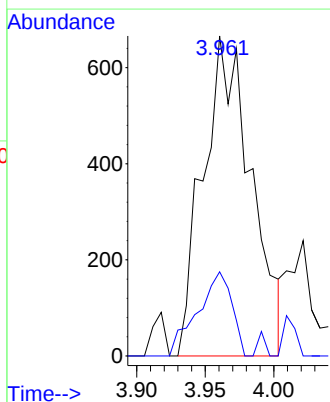
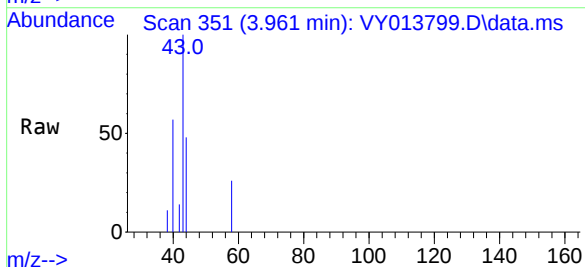
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

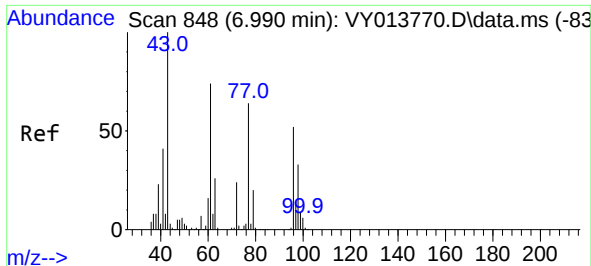
Tgt Ion:168 Resp: 174048
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#16
Acetone
Concen: 2.664 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
58 26.3 23.7 35.5

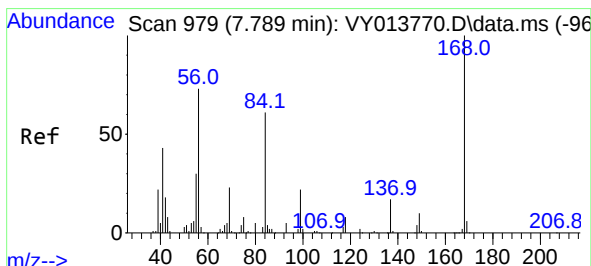
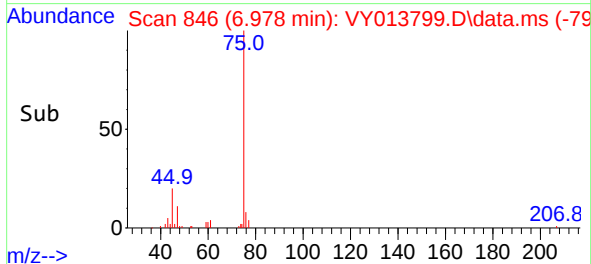
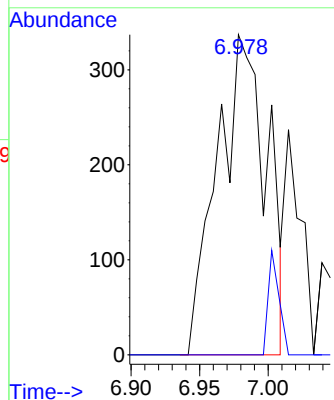
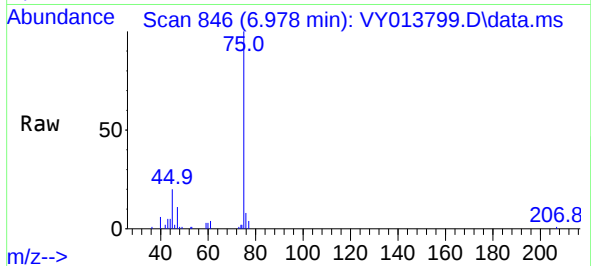




#25
2-Butanone
Concen: 1.063 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

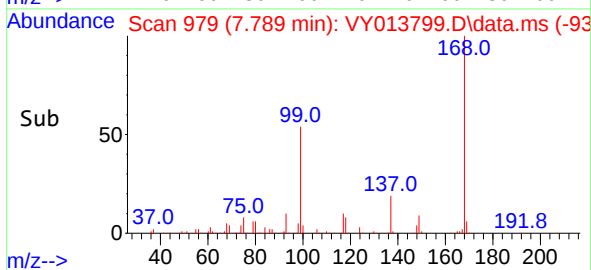
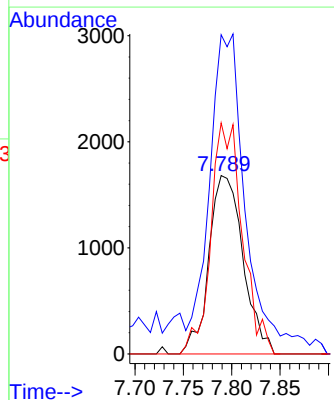
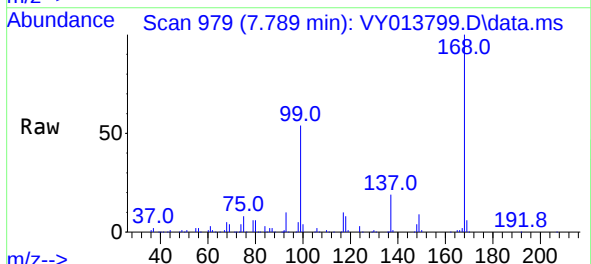
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

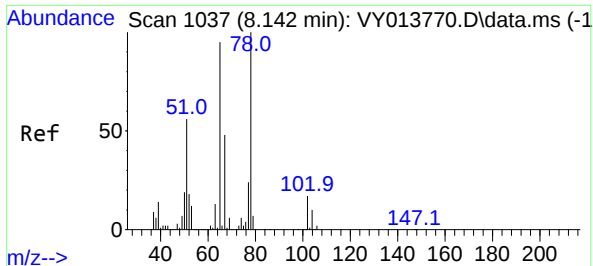
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
72 0.0 19.0 28.6#



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

Tgt Ion: 56 Resp: 4136
Ion Ratio Lower Upper
56 100
69 168.8 25.8 38.6#
84 136.9 65.8 98.6#





#33

1,2-Dichloroethane-d4

Concen: 60.798 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013799.D

Acq: 18 May 2023 14:15

Instrument :

MSVOA_Y

ClientSampleId :

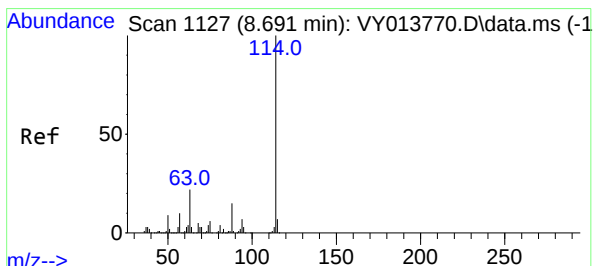
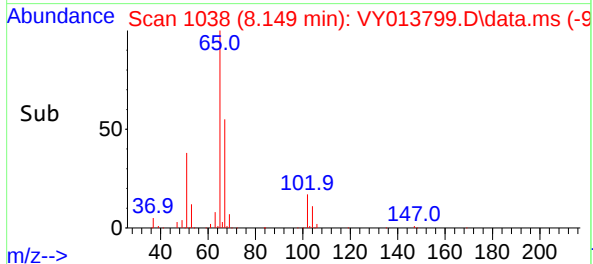
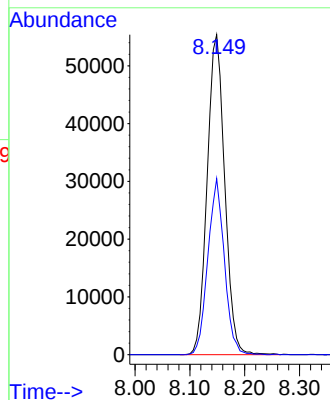
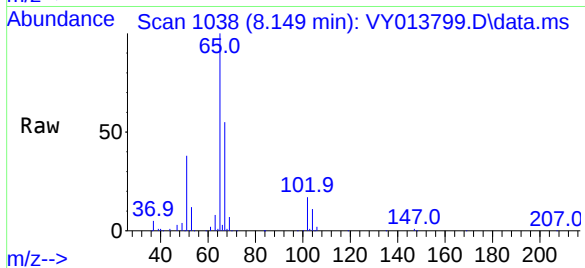
SB-4

Tgt Ion: 65 Resp: 122925

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY013799.D

Acq: 18 May 2023 14:15

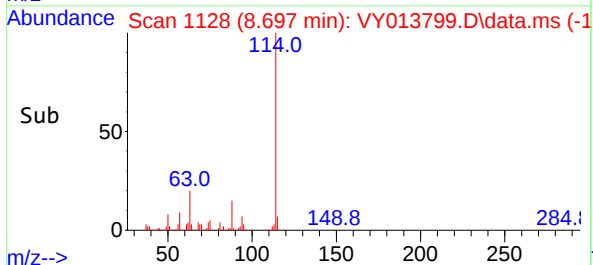
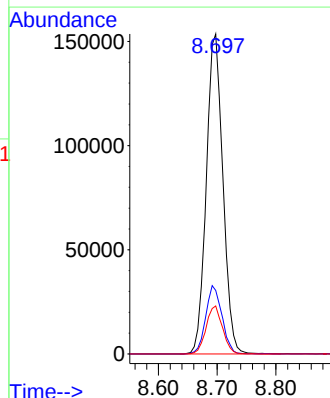
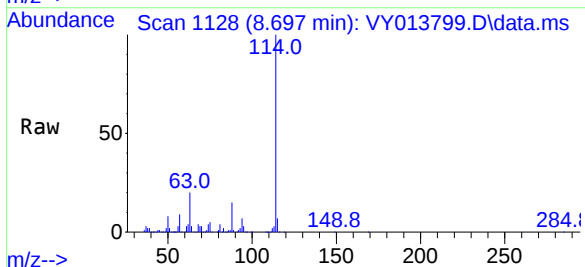
Tgt Ion:114 Resp: 301364

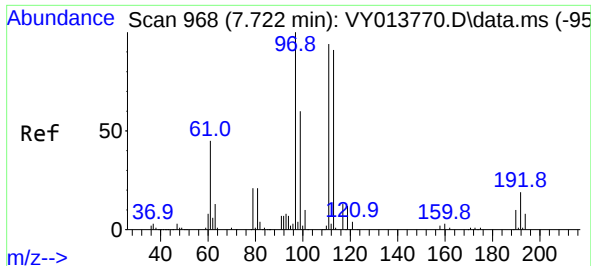
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.8

88 15.0 0.0 30.8

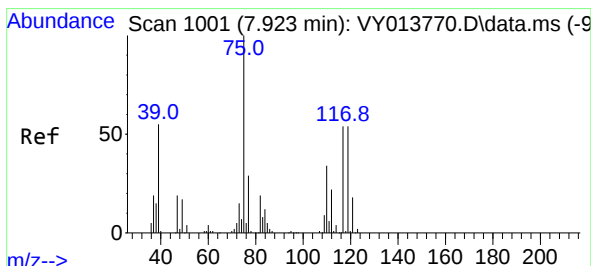
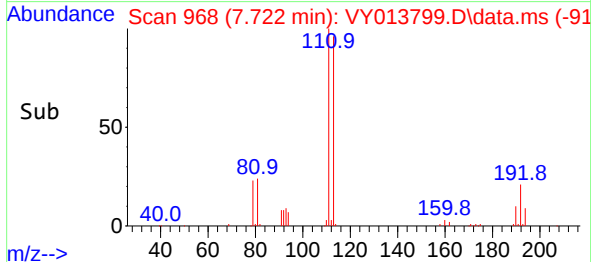
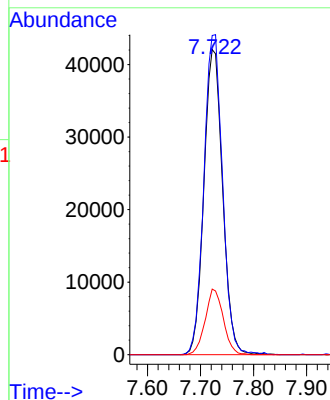
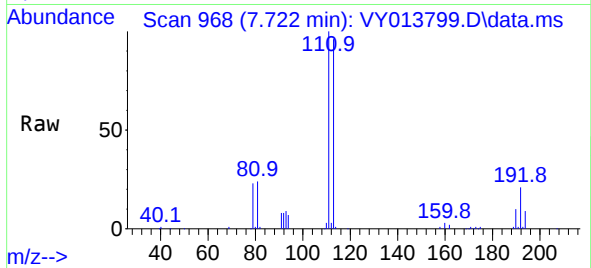




#35
Dibromofluoromethane
Concen: 53.353 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

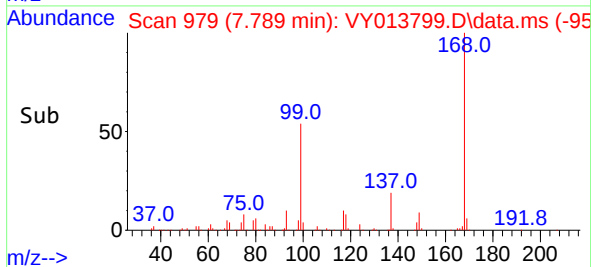
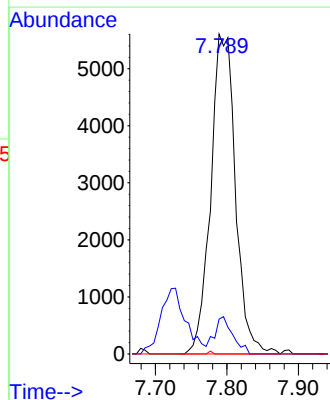
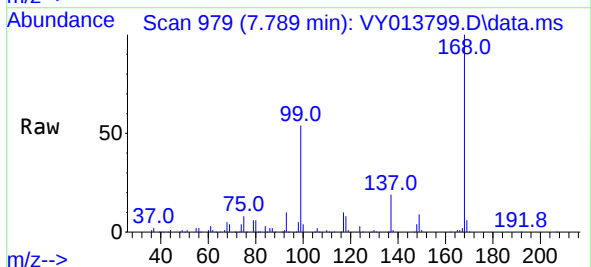
Instrument :
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ClientSampleId :
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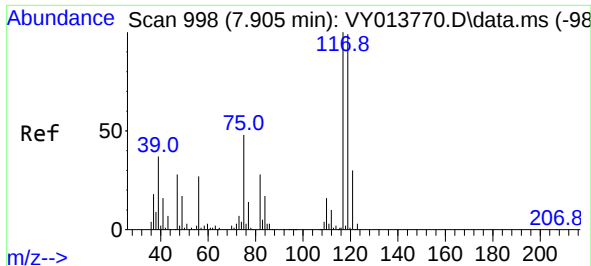
Tgt Ion:113 Resp: 103105
Ion Ratio Lower Upper
113 100
111 104.5 82.3 123.5
192 20.8 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

Tgt Ion: 75 Resp: 13478
Ion Ratio Lower Upper
75 100
110 8.6 17.3 51.7#
77 0.1 24.6 36.8#

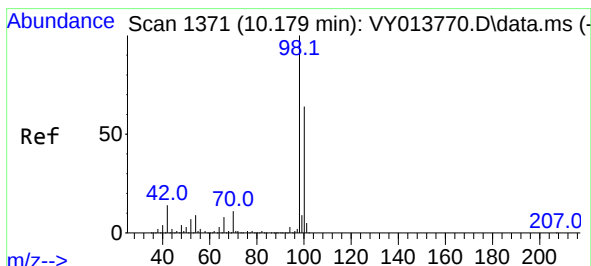
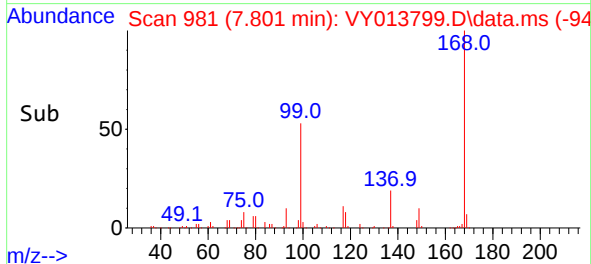
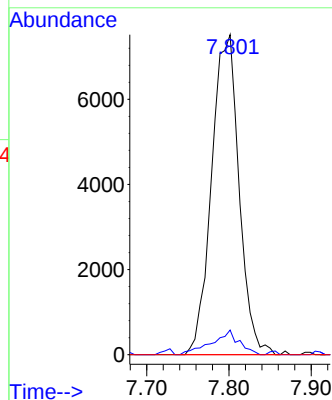
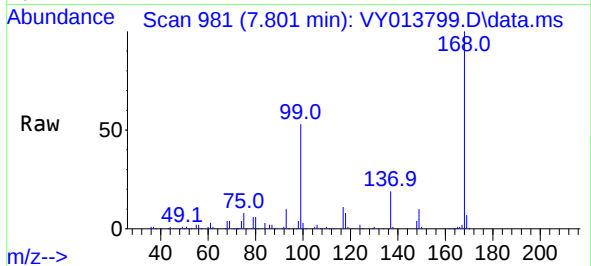




#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

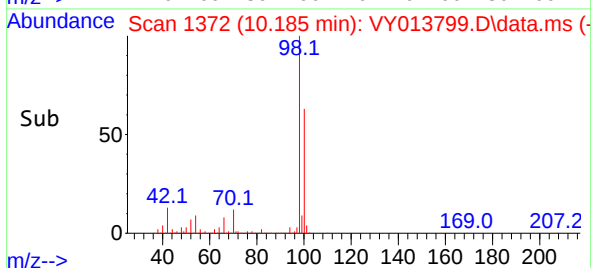
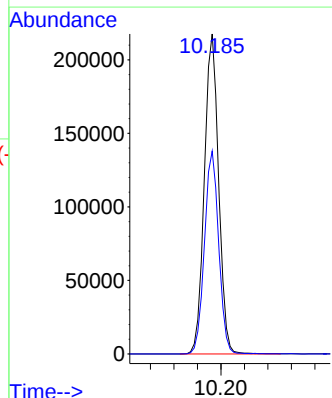
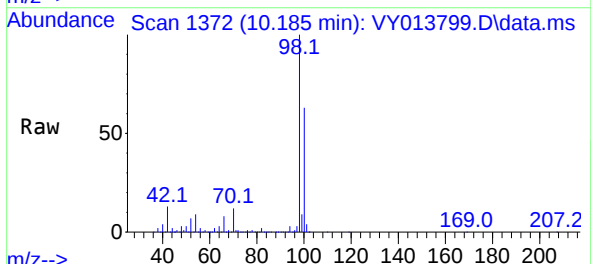
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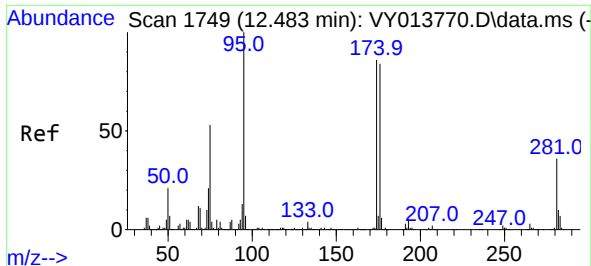
Tgt Ion:117 Resp: 17442
Ion Ratio Lower Upper
117 100
119 7.7 79.0 118.6#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.038 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

Tgt Ion: 98 Resp: 366599
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.6

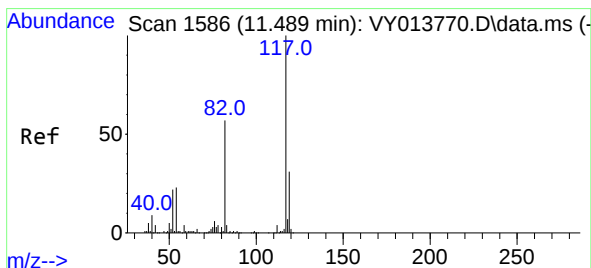
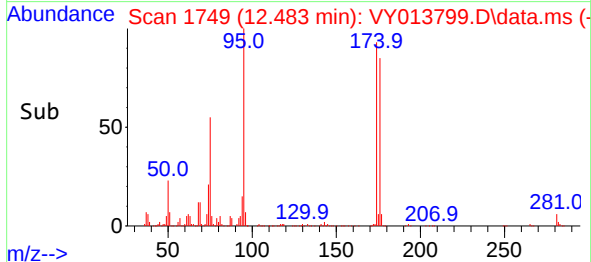
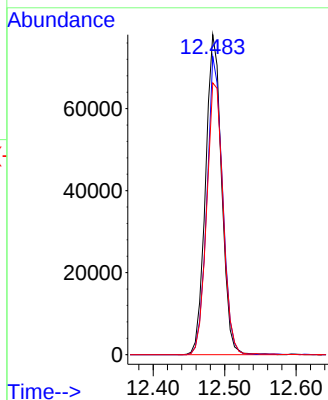
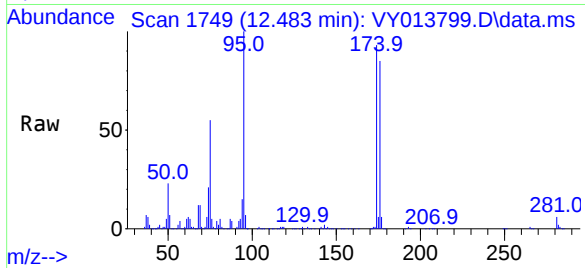




#62
4-Bromofluorobenzene
Concen: 49.923 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

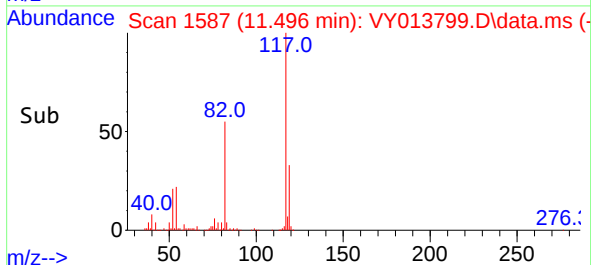
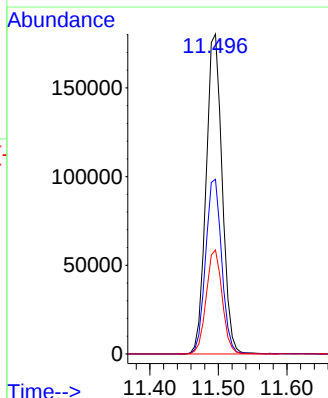
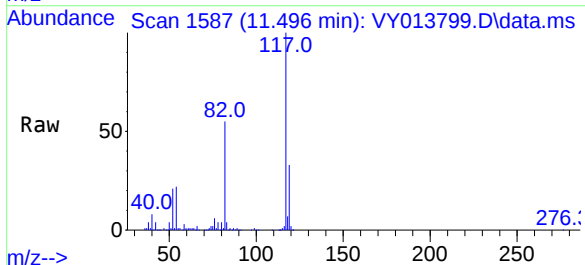
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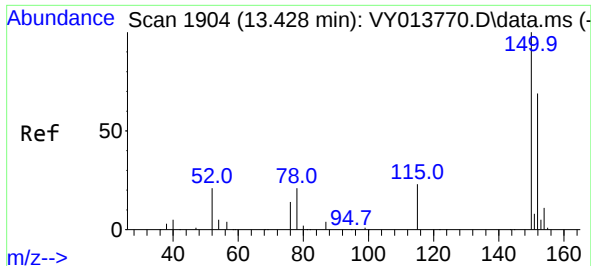
Tgt Ion: 95 Resp: 121489
Ion Ratio Lower Upper
95 100
174 90.5 0.0 168.8
176 87.1 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

Tgt Ion: 117 Resp: 295297
Ion Ratio Lower Upper
117 100
82 54.6 45.5 68.3
119 32.5 24.8 37.2

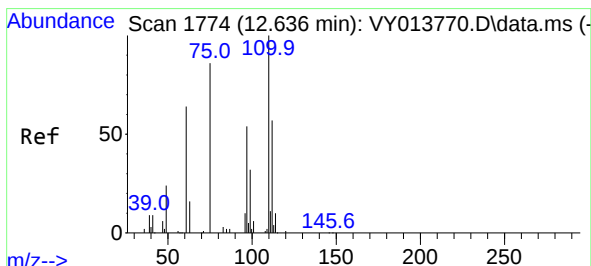
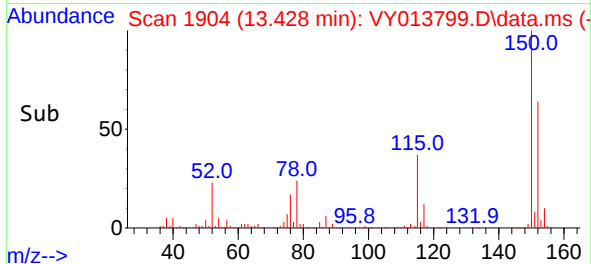
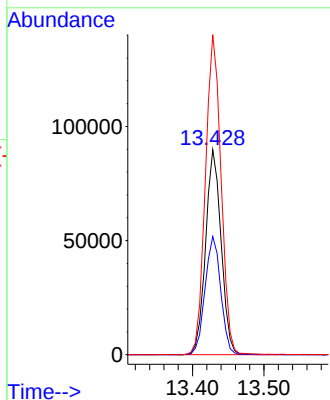
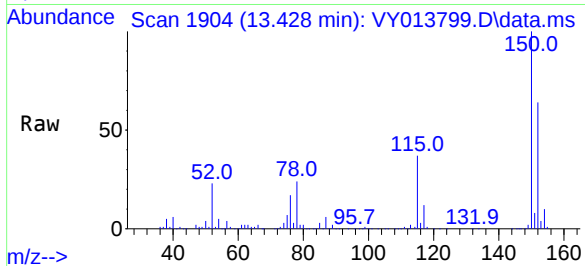




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

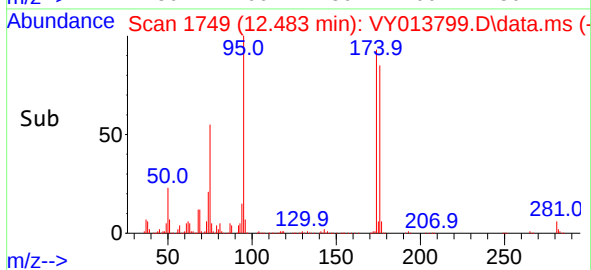
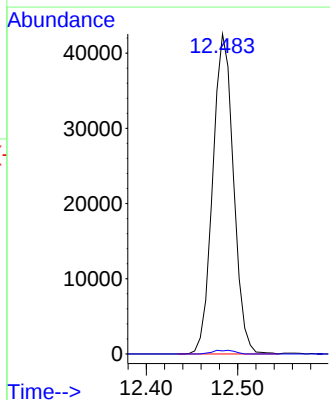
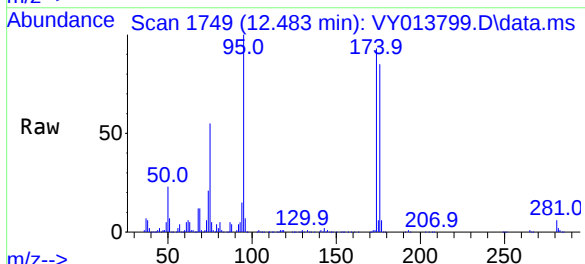
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

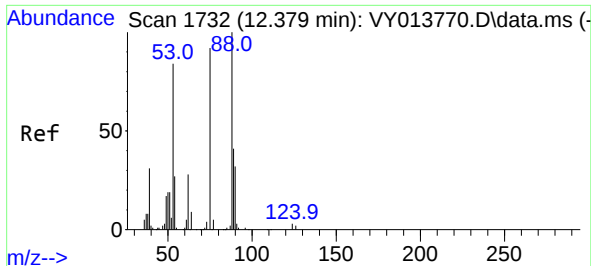
Tgt Ion:152 Resp: 135777
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 156.9 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 40.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

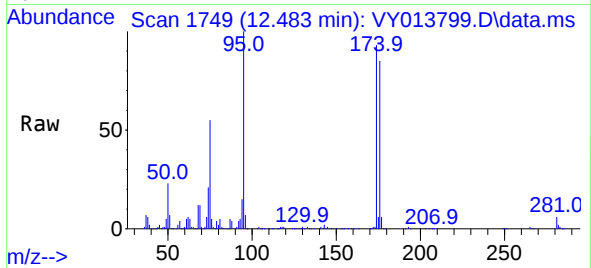
Tgt Ion: 75 Resp: 67306
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.189 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013799.D
Acq: 18 May 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-4



Tgt Ion: 75 Resp: 67306
Ion Ratio Lower Upper
75 100
53 0.4 75.3 112.9#
89 0.1 35.4 53.2#

