

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013906.D
 Acq On : 26 May 2023 20:17
 Operator : KP/MD
 Sample : 02955-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP03

Quant Time: May 29 04:37:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

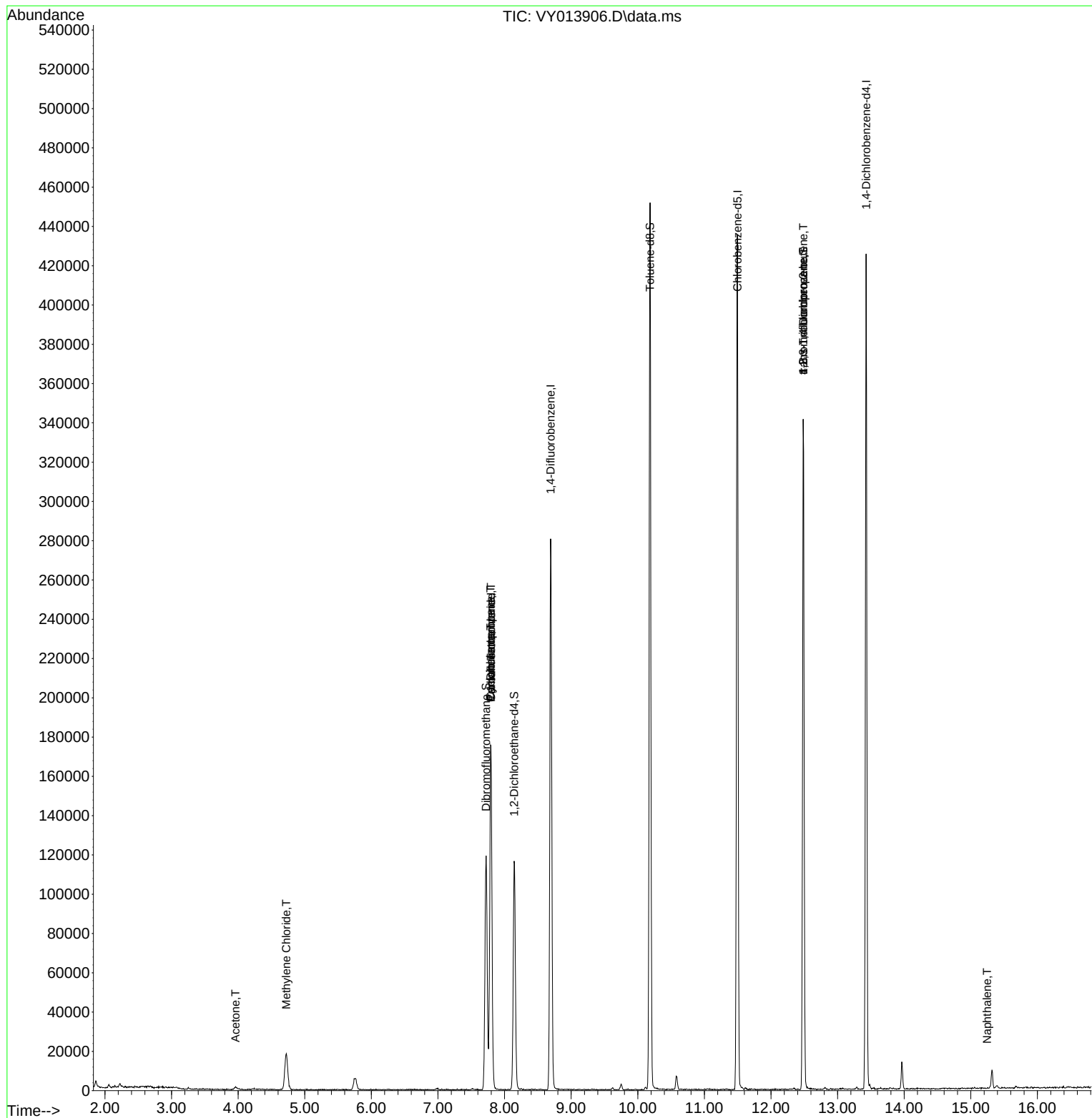
Internal Standards						
1) Pentafluorobenzene	7.795	168	137615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96223	60.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.880%	
35) Dibromofluoromethane	7.722	113	81125	53.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.185	98	292662	50.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.483	95	92215	48.245	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2791	5.907	ug/l	95
20) Methylene Chloride	4.723	84	13236	5.647	ug/l	96
31) Cyclohexane	7.789	56	3194	1.306	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	10903	4.731	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13724	5.237	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	50790	40.351	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50790	87.589	ug/l #	10
95) Naphthalene	15.245	128	242	4.597	ug/l #	68

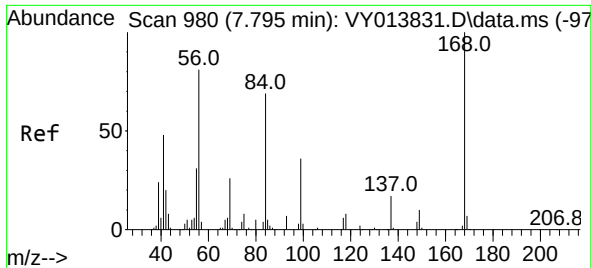
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

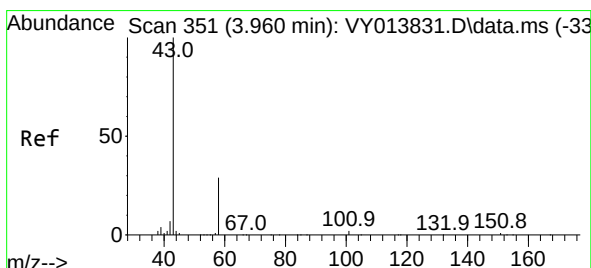
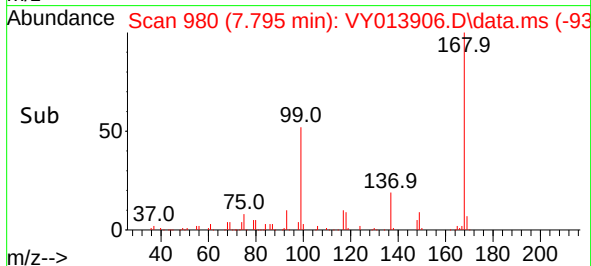
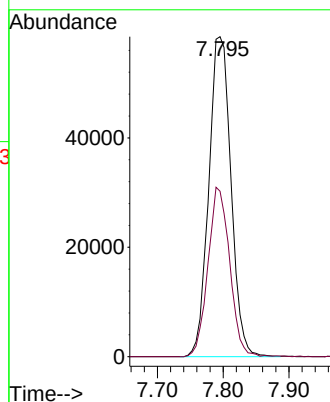
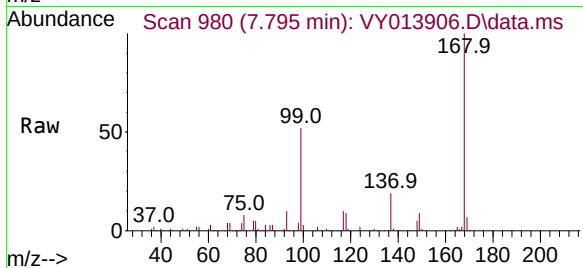




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

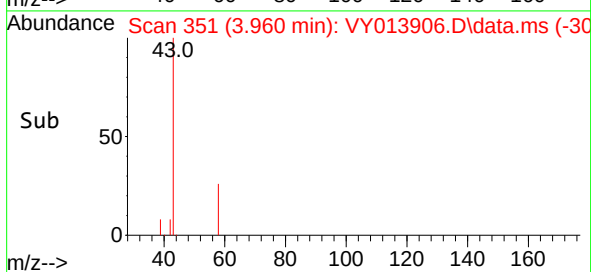
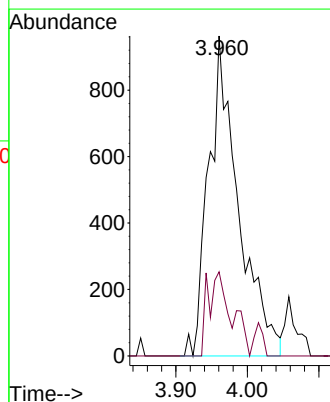
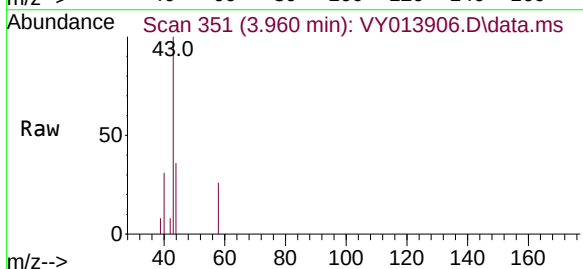
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

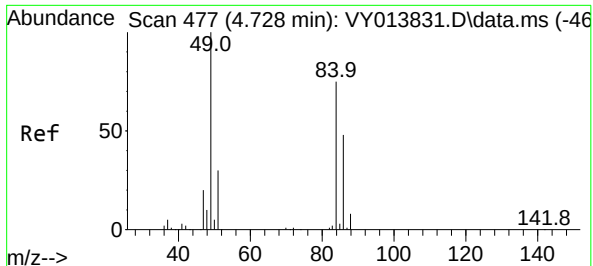
Tgt Ion:168 Resp: 137615
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.2



#16
Acetone
Concen: 5.907 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion: 43 Resp: 2791
Ion Ratio Lower Upper
43 100
58 26.3 23.3 34.9

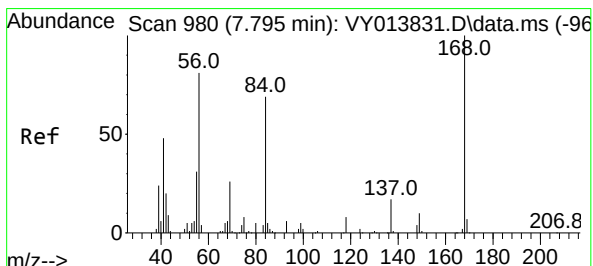
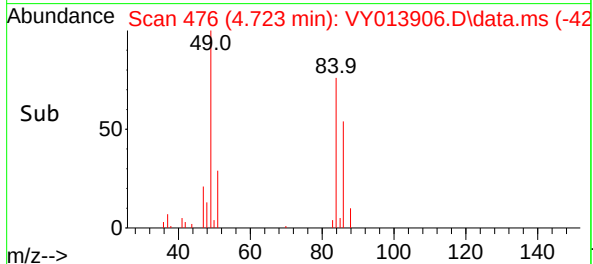
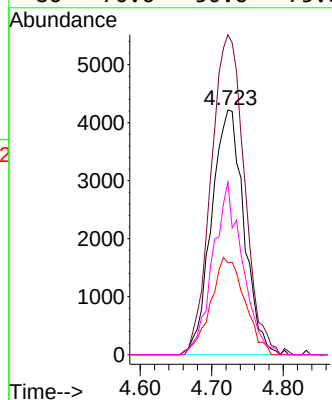
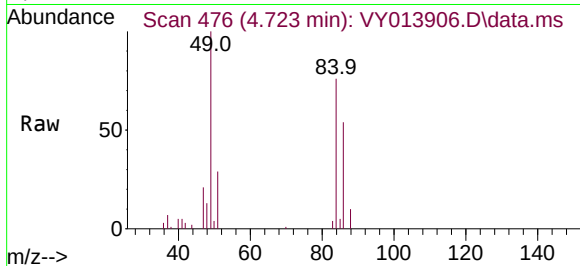




#20
Methylene Chloride
Concen: 5.647 ug/l
RT: 4.723 min Scan# 41
Delta R.T. -0.005 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

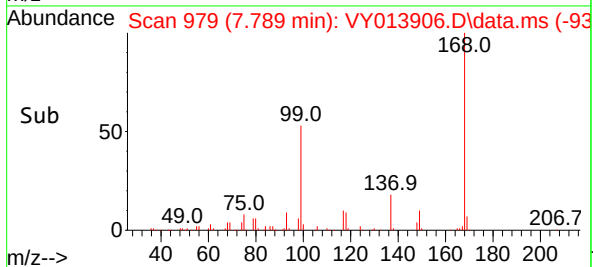
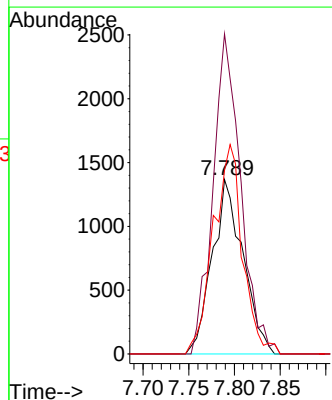
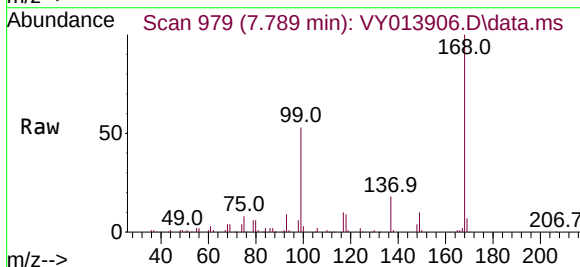
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

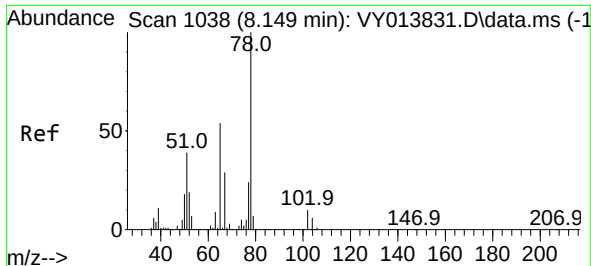
Tgt Ion:	84	Resp:	13236
Ion	Ratio	Lower	Upper
84	100		
49	130.8	106.2	159.2
51	37.6	31.4	47.0
86	70.6	50.6	75.8



#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion:	56	Resp:	3194
Ion	Ratio	Lower	Upper
56	100		
69	183.5	25.8	38.8#
84	105.3	68.2	102.2#





#33

1,2-Dichloroethane-d4

Concen: 60.439 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013906.D

Acq: 26 May 2023 20:17

Instrument :

MSVOA_Y

ClientSampleId :

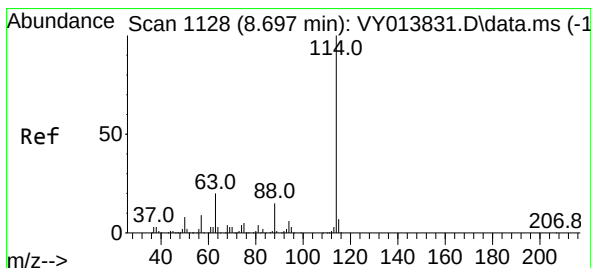
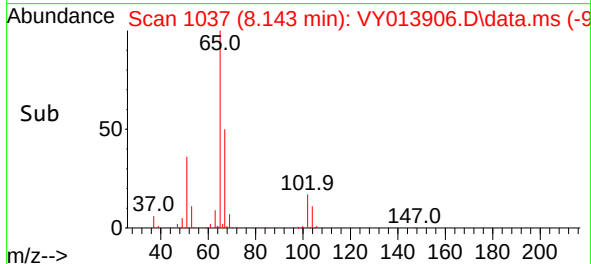
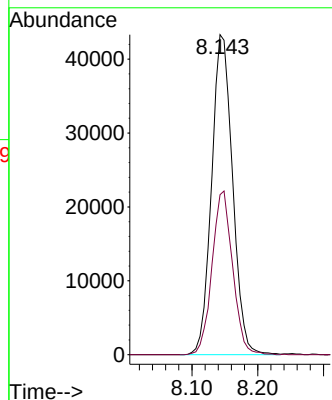
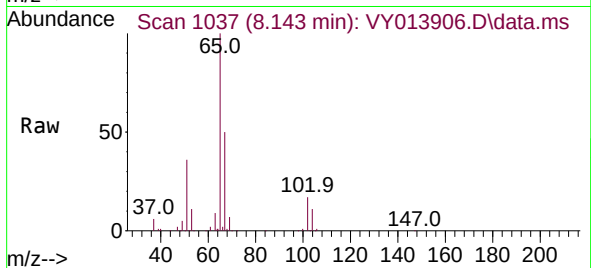
DUP03

Tgt Ion: 65 Resp: 96223

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013906.D

Acq: 26 May 2023 20:17

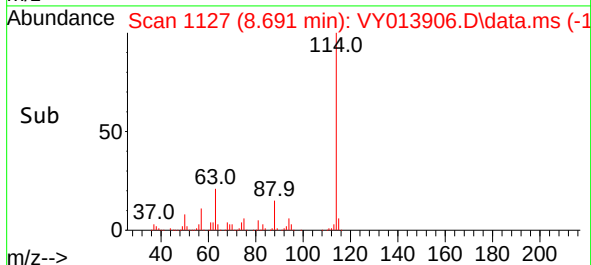
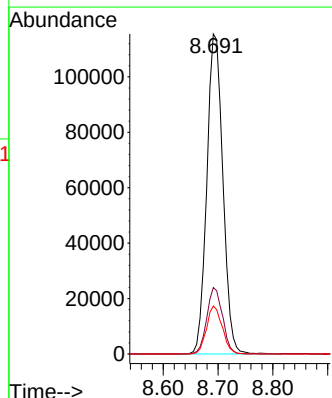
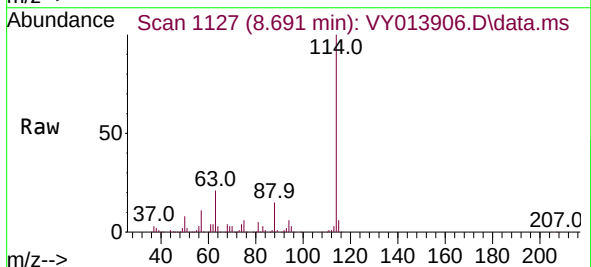
Tgt Ion: 114 Resp: 234276

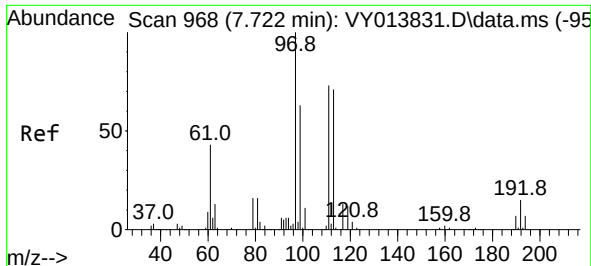
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.0 0.0 30.0

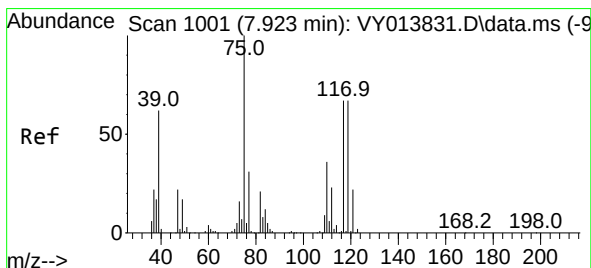
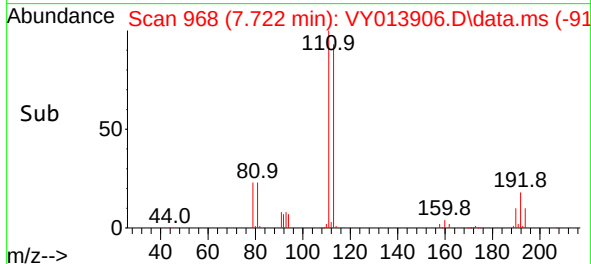
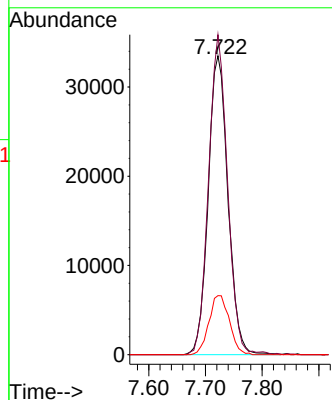
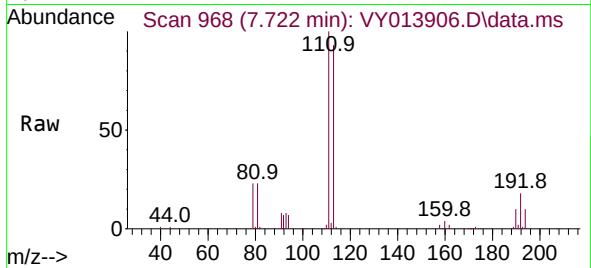




#35
Dibromofluoromethane
Concen: 53.620 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

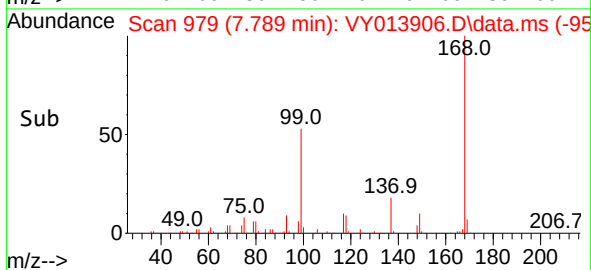
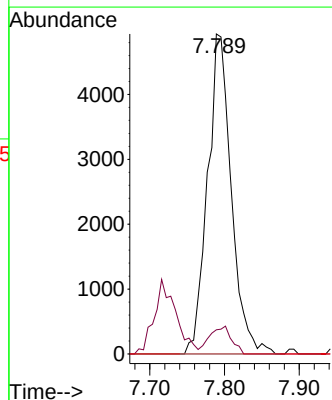
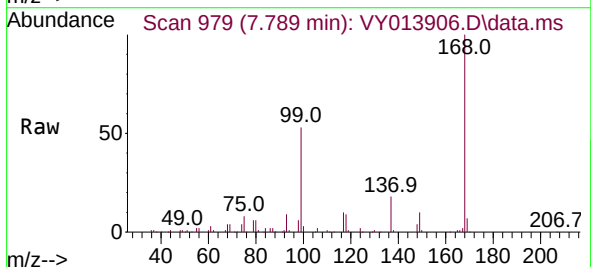
Instrument :
MSVOA_Y
ClientSampleId :
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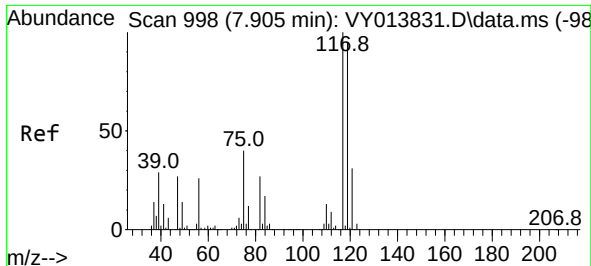
Tgt Ion:113 Resp: 81125
Ion Ratio Lower Upper
113 100
111 102.9 80.4 120.6
192 20.5 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.731 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion: 75 Resp: 10903
Ion Ratio Lower Upper
75 100
110 8.0 17.5 52.6#
77 0.0 24.4 36.6#

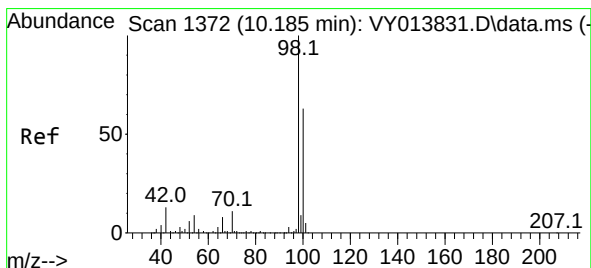
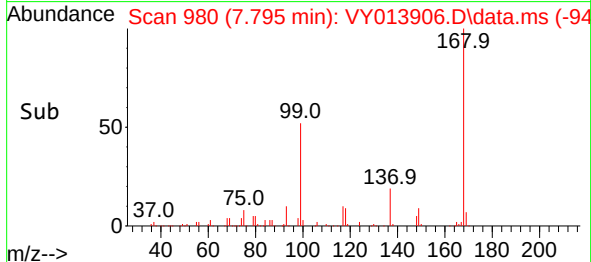
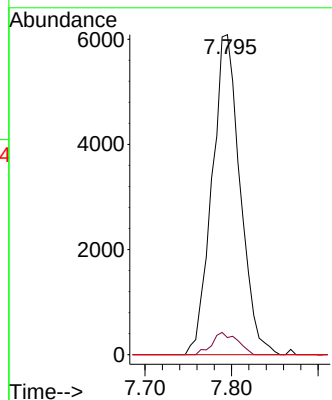
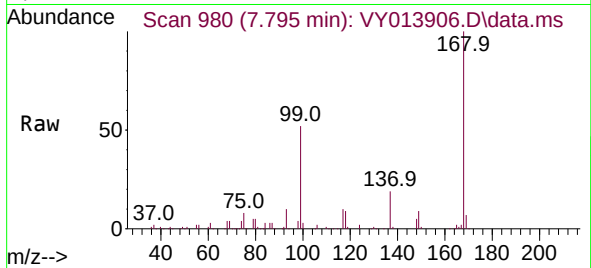




#38
Carbon Tetrachloride
Concen: 5.237 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

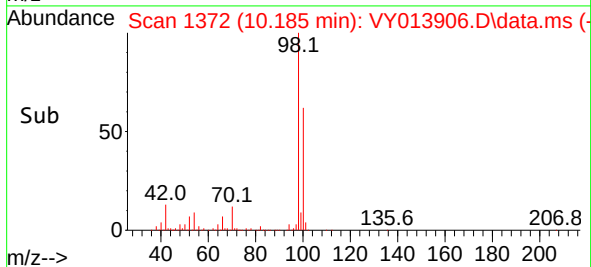
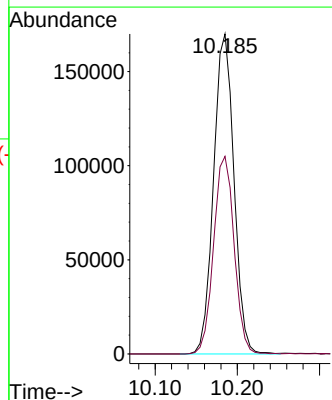
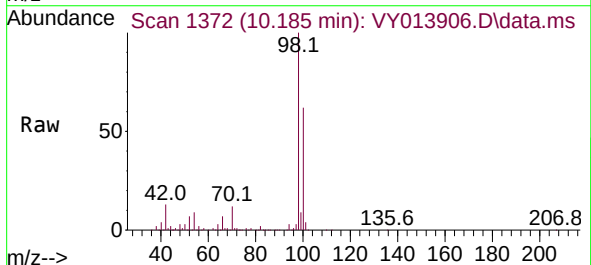
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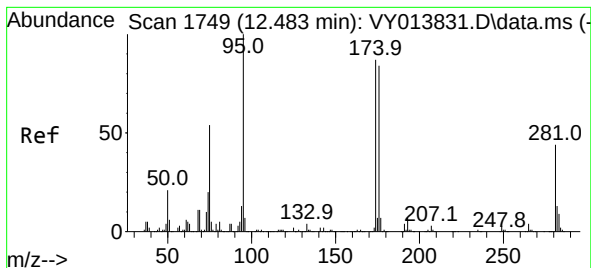
Tgt Ion:117 Resp: 13724
Ion Ratio Lower Upper
117 100
119 5.3 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.895 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion: 98 Resp: 292662
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

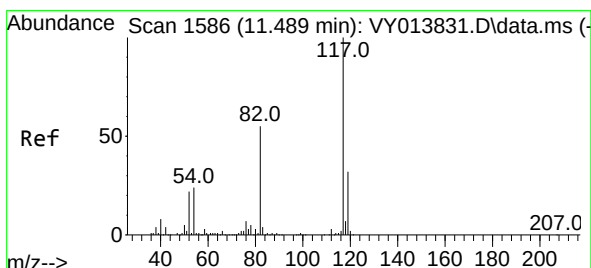
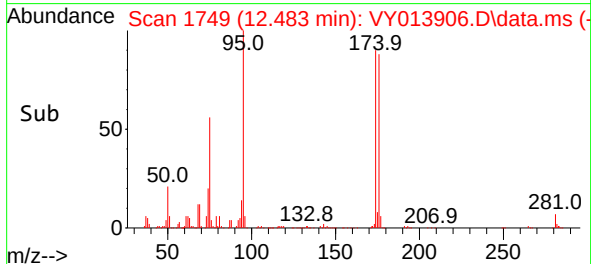
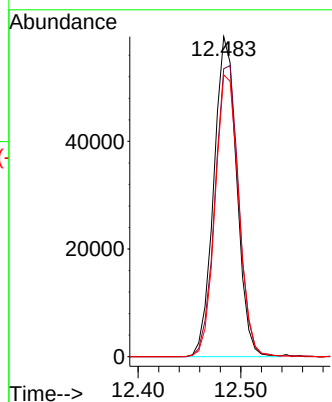
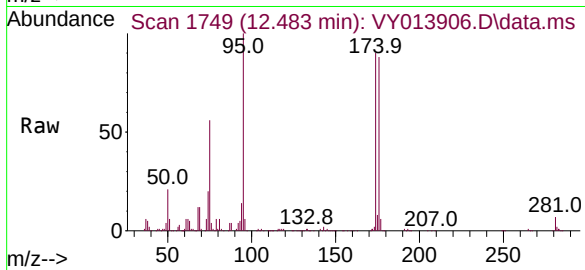




#62
4-Bromofluorobenzene
Concen: 48.245 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

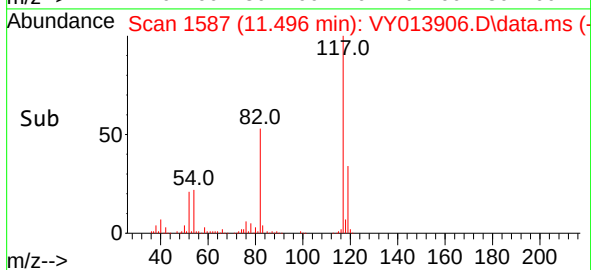
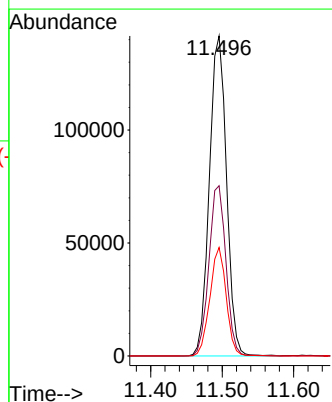
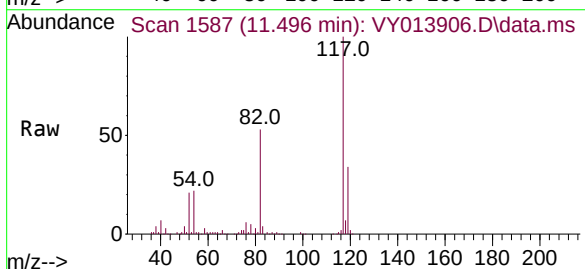
Instrument :
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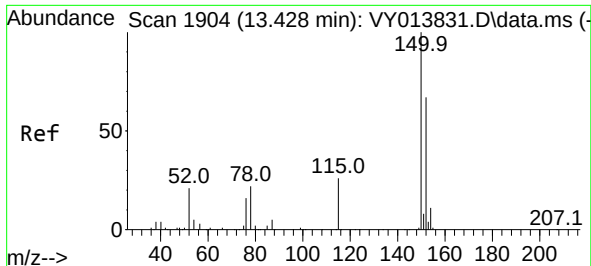
Tgt Ion: 95 Resp: 92215
Ion Ratio Lower Upper
95 100
174 94.4 0.0 176.0
176 90.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion: 117 Resp: 235871
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.4
119 33.9 25.7 38.5

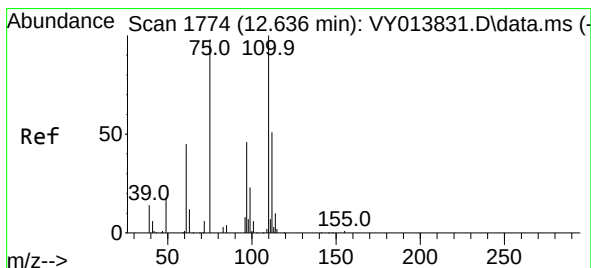
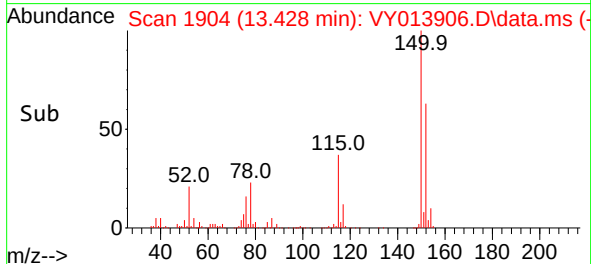
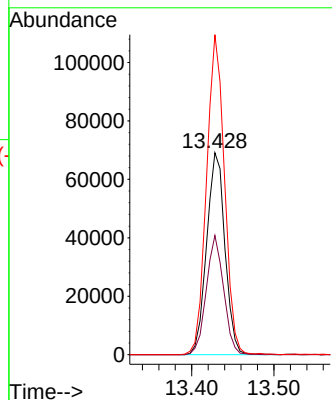
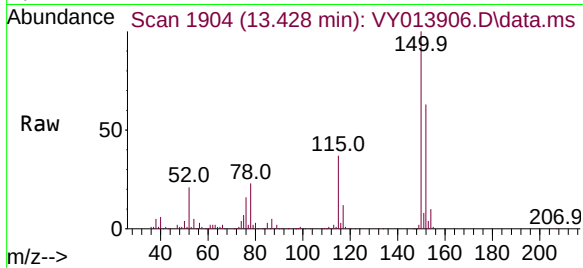




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

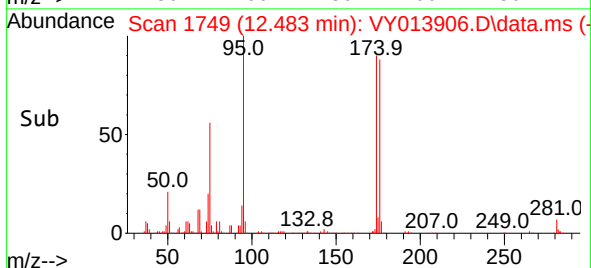
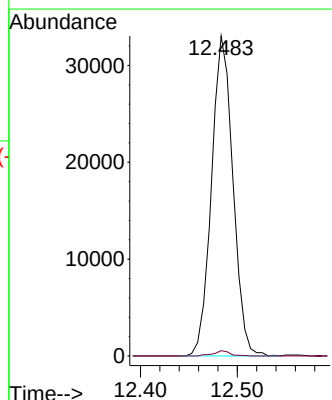
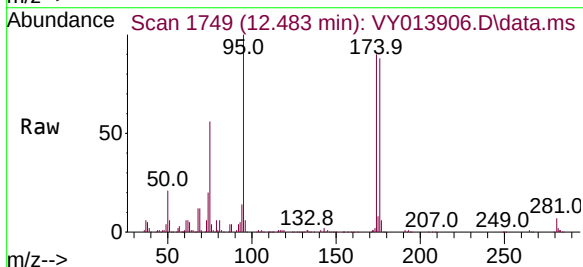
Instrument :
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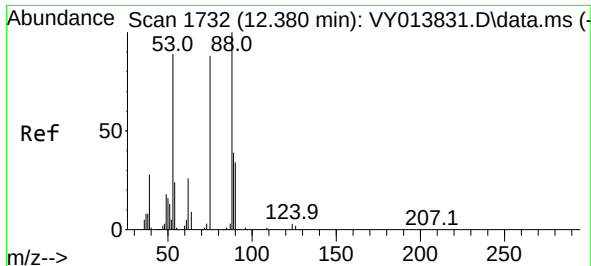
Tgt Ion:152 Resp: 106749
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 155.3 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 40.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion: 75 Resp: 50790
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

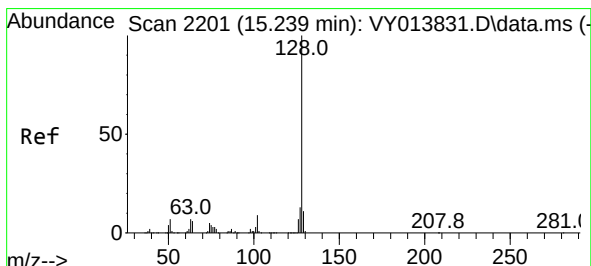
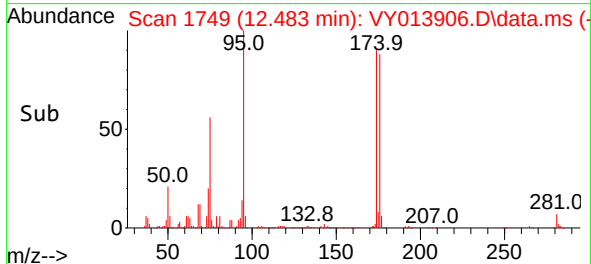
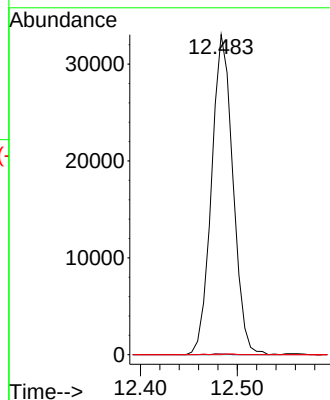
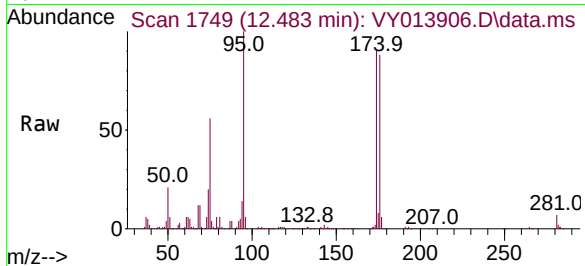




#81
trans-1,4-Dichloro-2-butene
Concen: 87.589 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Instrument :
MSVOA_Y
ClientSampleId :
DUP03

Tgt Ion: 75 Resp: 50790
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.597 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY013906.D
Acq: 26 May 2023 20:17

Tgt Ion: 128 Resp: 242
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

