

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013990.D
 Acq On : 02 Jun 2023 15:20
 Operator : KP/MD
 Sample : 03004-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-060123

Quant Time: Jun 05 09:43:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

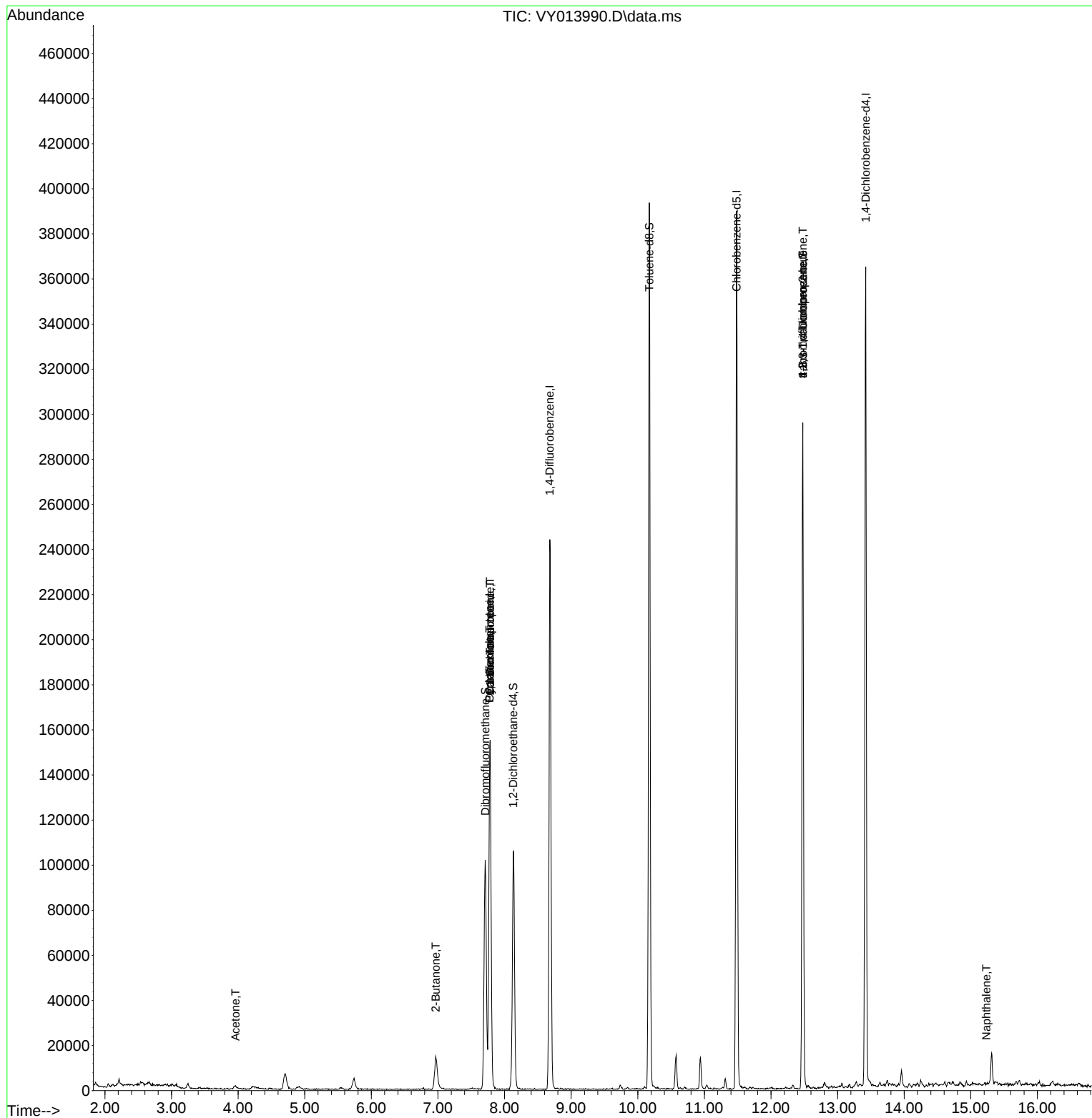
Internal Standards						
1) Pentafluorobenzene	7.777	168	119904	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	201465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	204120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	85603	53.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.710	113	69853	54.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.173	98	249873	51.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.477	95	79921	48.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.000%	
Target Compounds						Qvalue
16) Acetone	3.960	43	3190	5.874	ug/l #	85
20) Methylene Chloride	4.704	84	4951	Below Cal		87
25) 2-Butanone	6.966	43	1193	1.763	ug/l #	89
31) Cyclohexane	7.777	56	2878	1.506	ug/l #	13
36) 1,1-Dichloropropene	7.783	75	9496	5.206	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11810	5.778	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	44943	36.051	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44943	76.482	ug/l #	11
95) Naphthalene	15.233	128	365	3.959	ug/l #	69

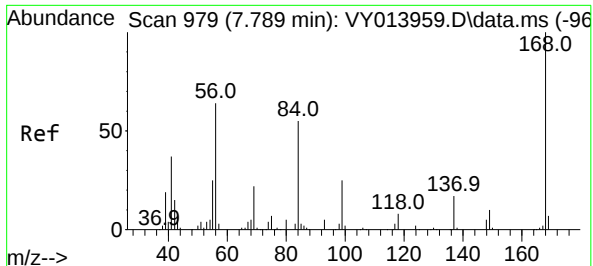
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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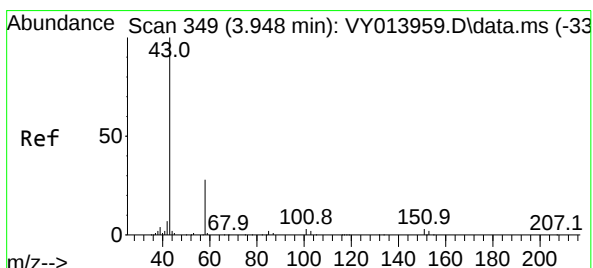
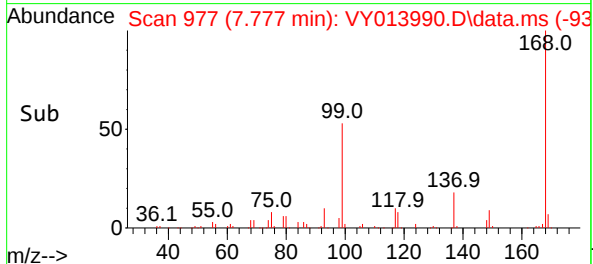
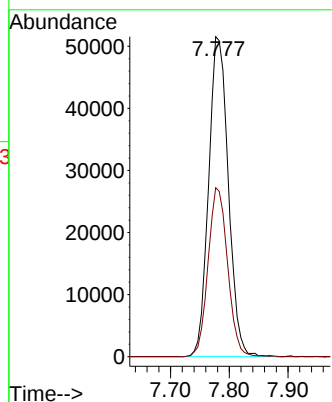
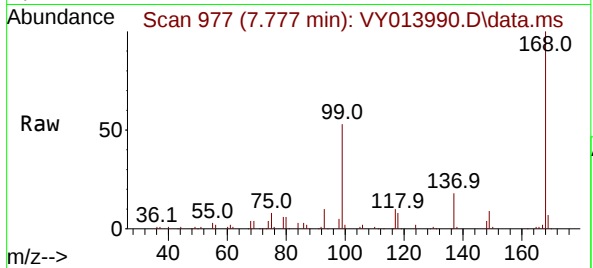




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

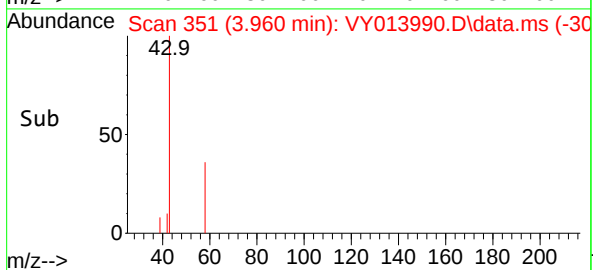
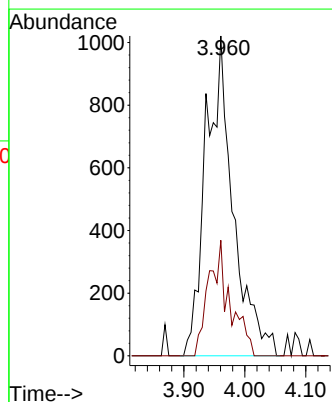
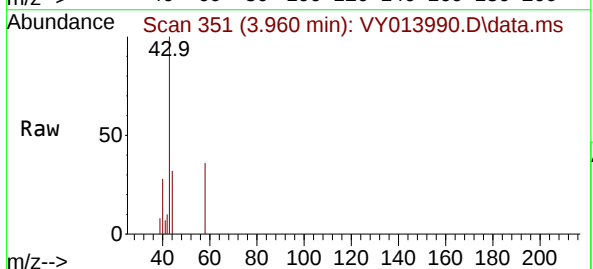
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

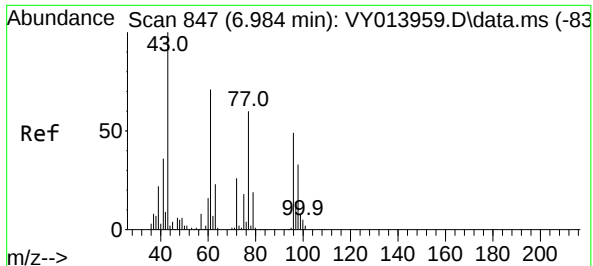
Tgt Ion:168 Resp: 119904
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#16
Acetone
Concen: 5.874 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion: 43 Resp: 3190
Ion Ratio Lower Upper
43 100
58 36.1 22.7 34.1#

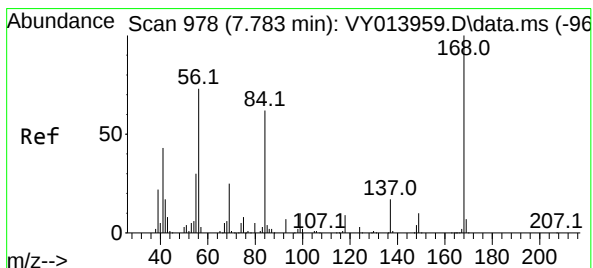
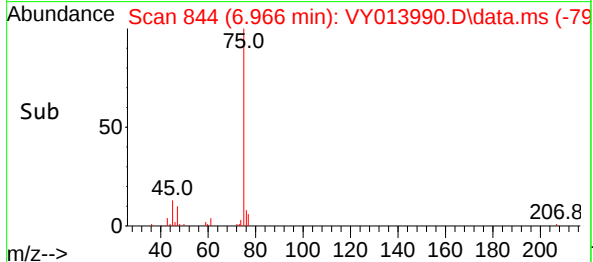
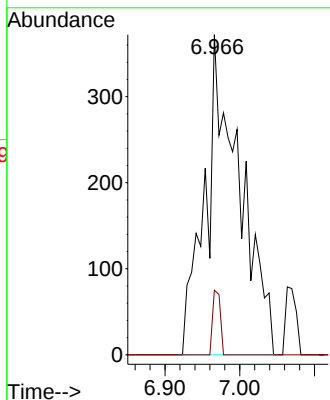
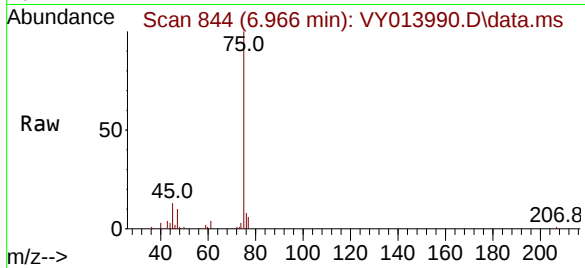




#25
2-Butanone
Concen: 1.763 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

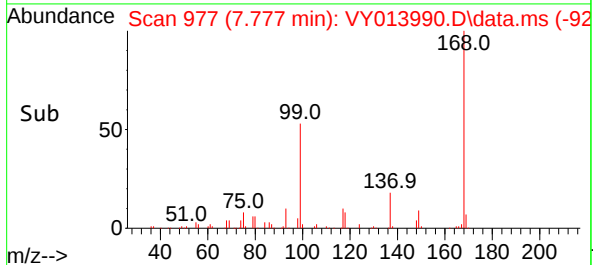
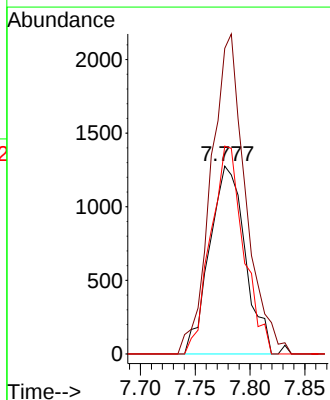
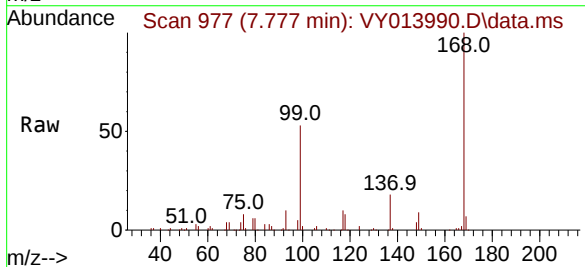
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

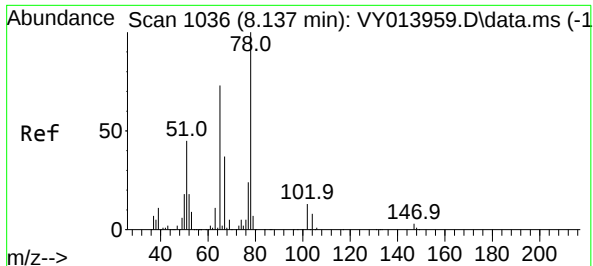
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
72 20.2 20.5 30.7#



#31
Cyclohexane
Concen: 1.506 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion: 56 Resp: 2878
Ion Ratio Lower Upper
56 100
69 162.7 27.8 41.6#
84 110.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.932 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013990.D

Acq: 02 Jun 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

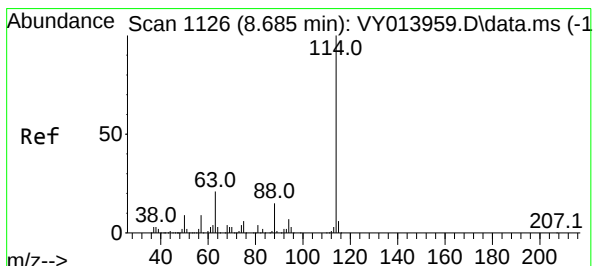
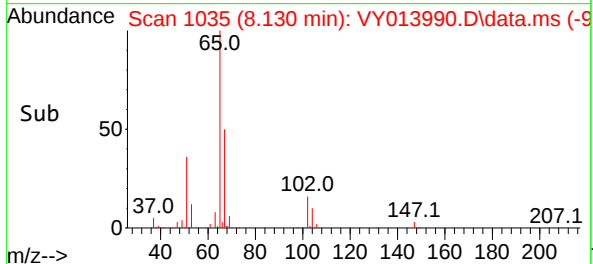
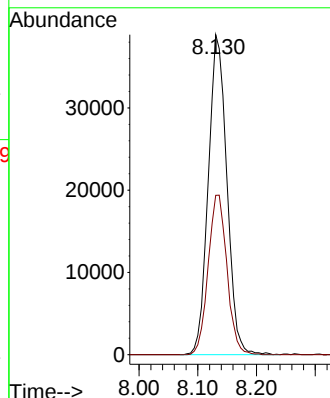
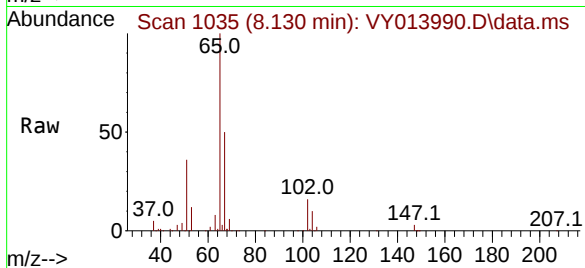
TR-04-060123

Tgt Ion: 65 Resp: 85603

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY013990.D

Acq: 02 Jun 2023 15:20

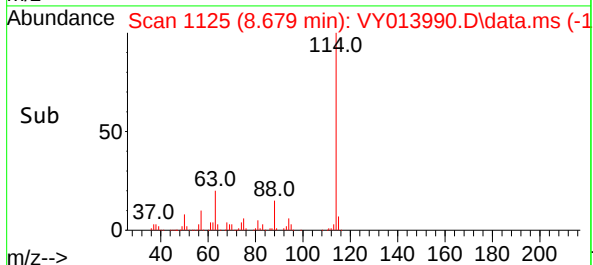
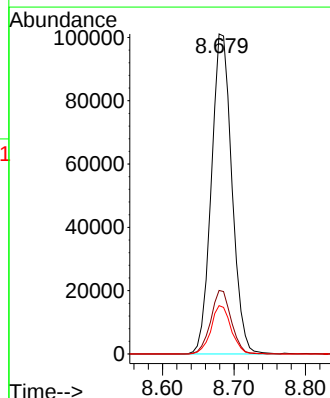
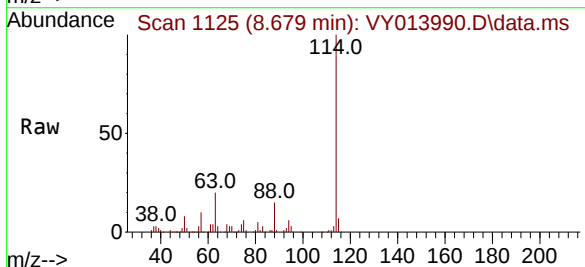
Tgt Ion: 114 Resp: 201465

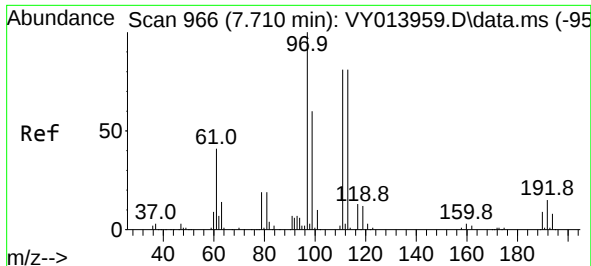
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.1 0.0 30.6

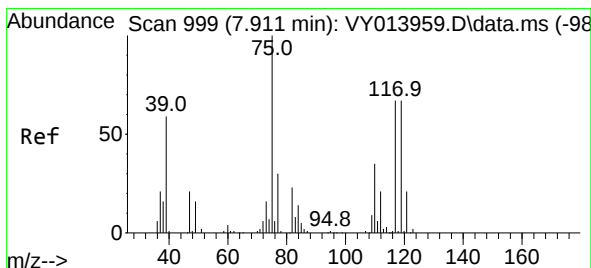
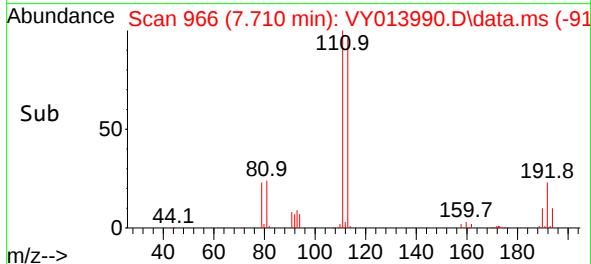
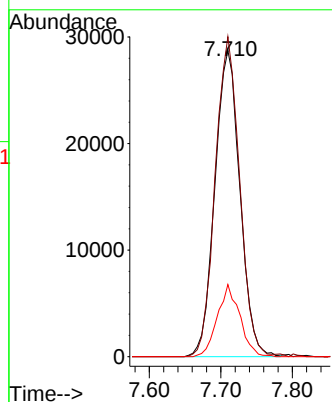
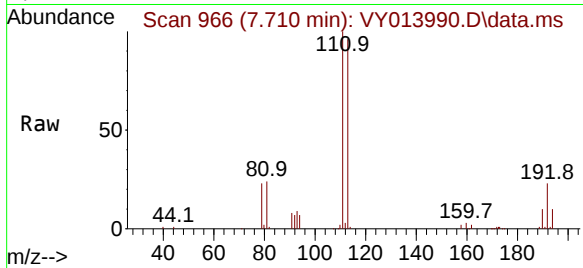




#35
Dibromofluoromethane
Concen: 54.558 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

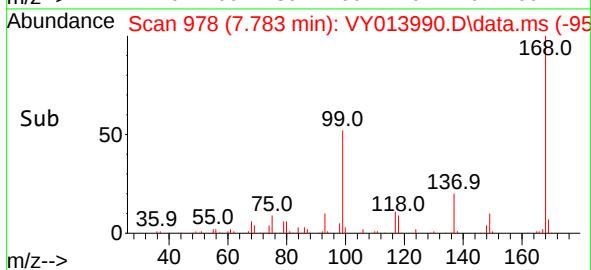
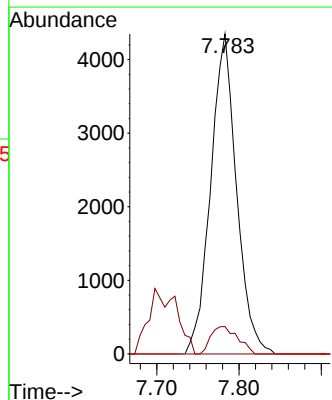
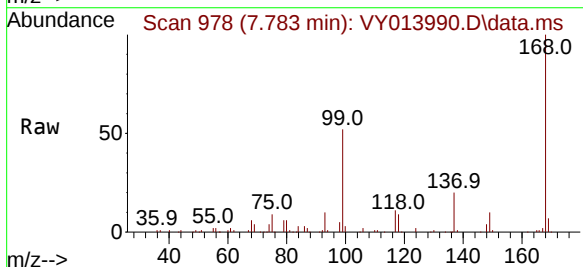
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

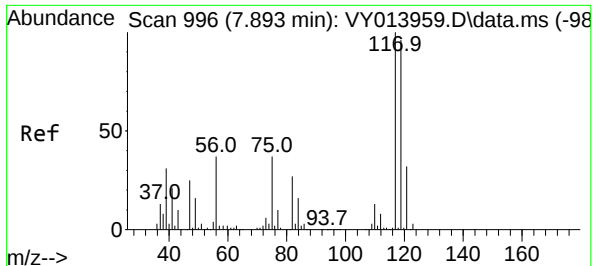
Tgt Ion:113 Resp: 69853
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.206 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion: 75 Resp: 9496
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#

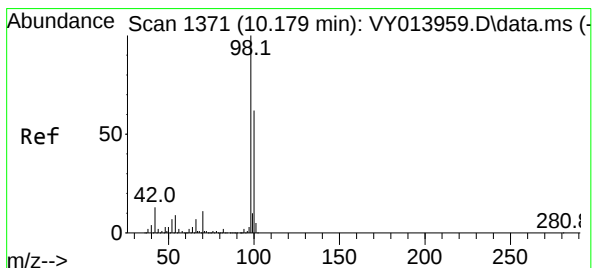
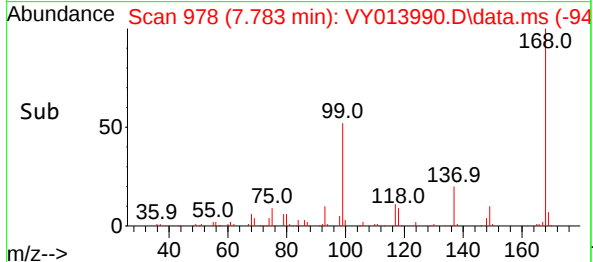
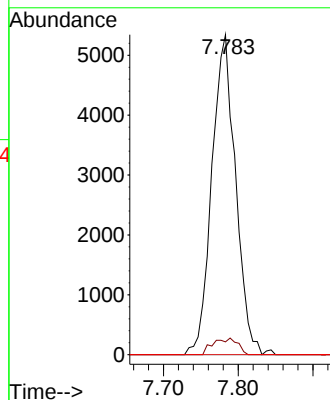
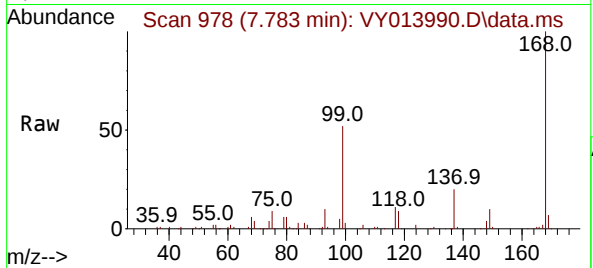




#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

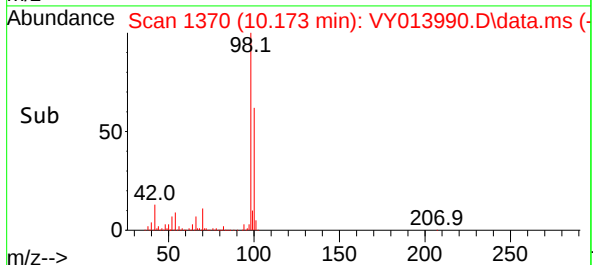
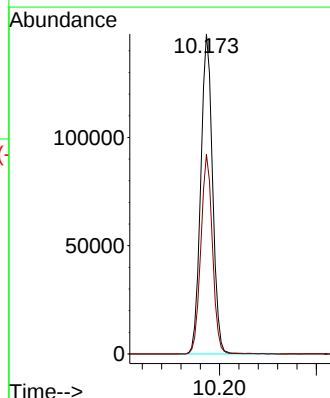
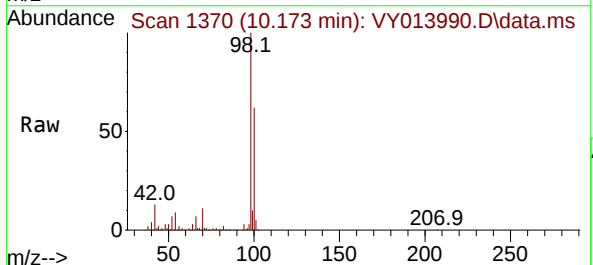
Instrument :
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ClientSampleId :
TR-04-060123

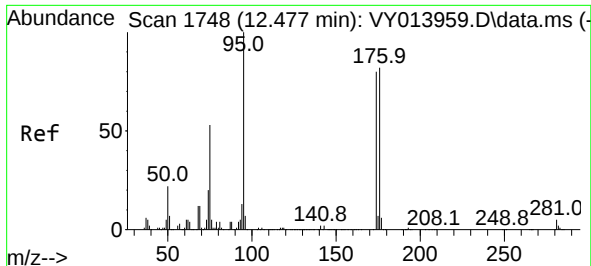
Tgt Ion:117 Resp: 11810
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.164 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion: 98 Resp: 249873
Ion Ratio Lower Upper
98 100
100 61.3 50.1 75.1

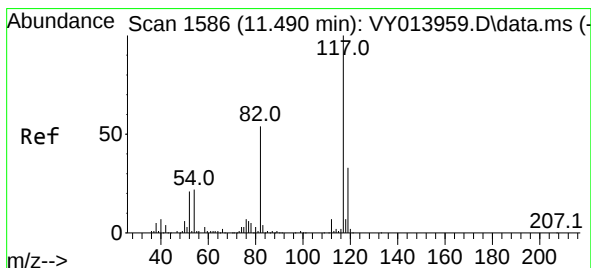
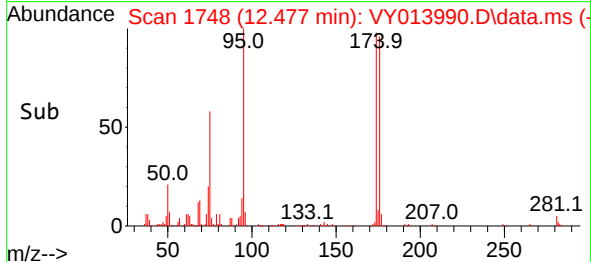
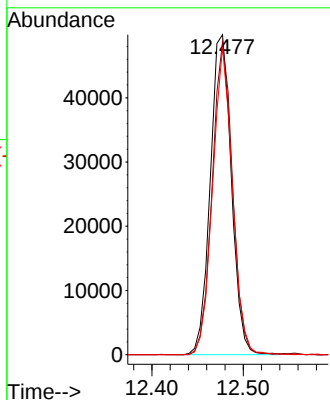
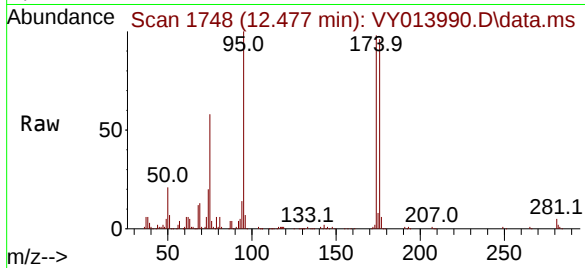




#62
4-Bromofluorobenzene
Concen: 48.002 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

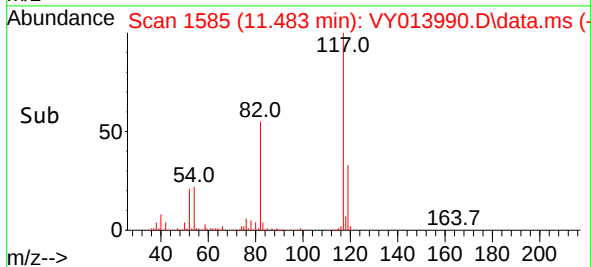
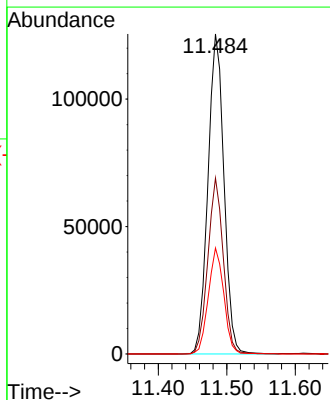
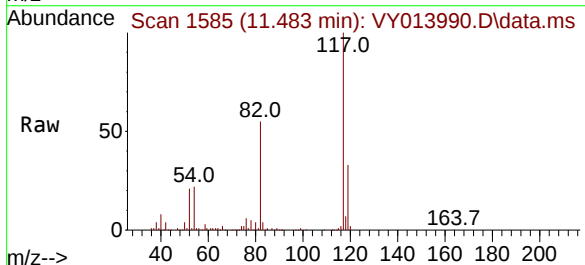
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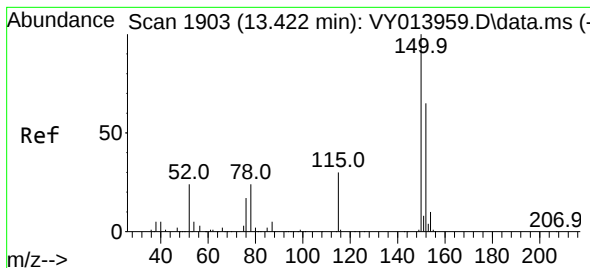
Tgt Ion:	95	Resp:	79921
Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	178.2
176	90.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion:	117	Resp:	204120
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.4	65.0
119	33.1	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013990.D

Acq: 02 Jun 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-060123

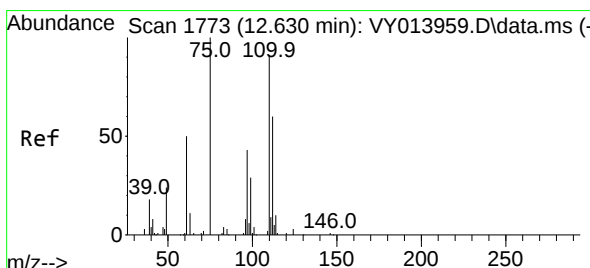
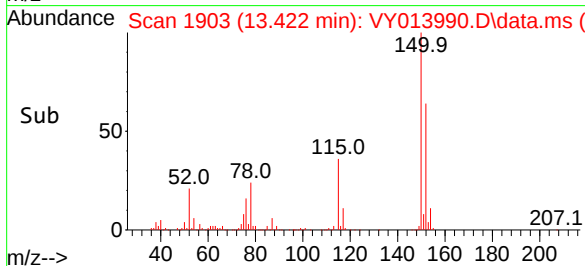
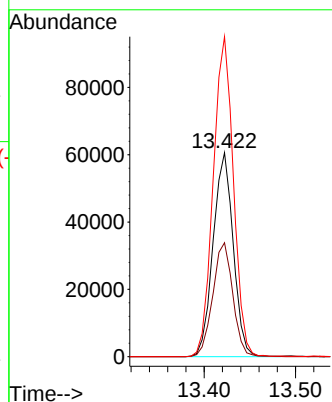
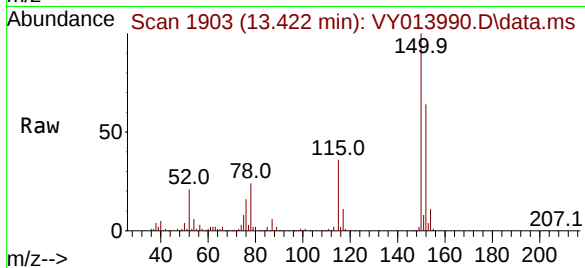
Tgt Ion:152 Resp: 92641

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 157.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.051 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013990.D

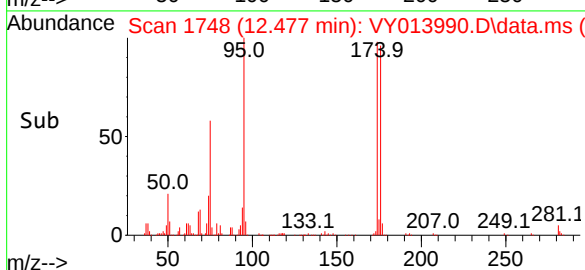
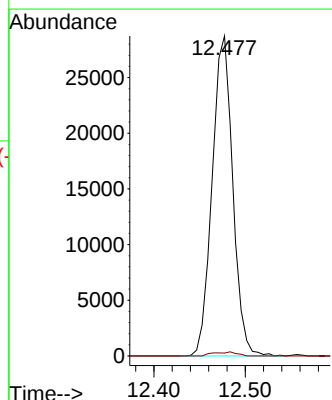
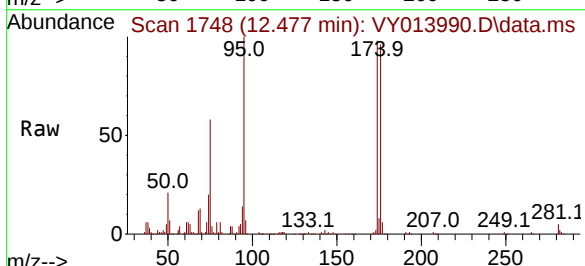
Acq: 02 Jun 2023 15:20

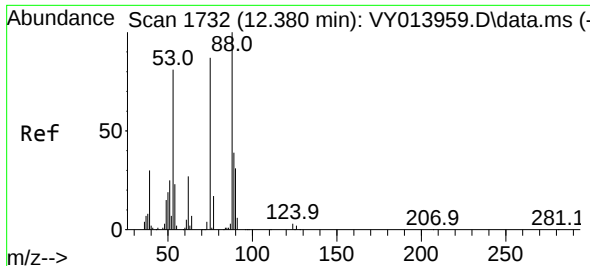
Tgt Ion: 75 Resp: 44943

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

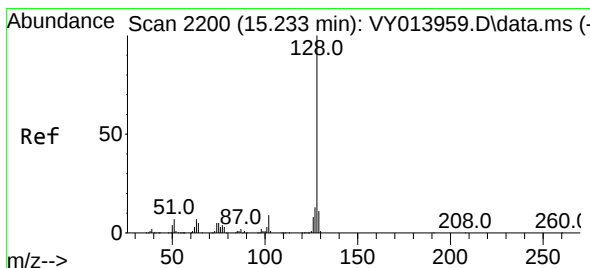
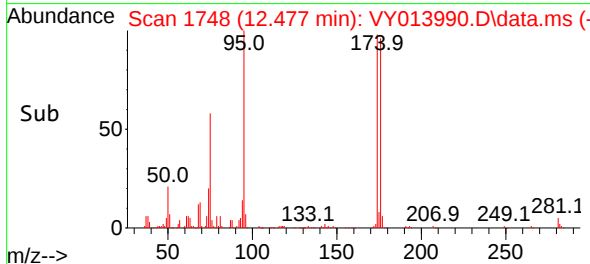
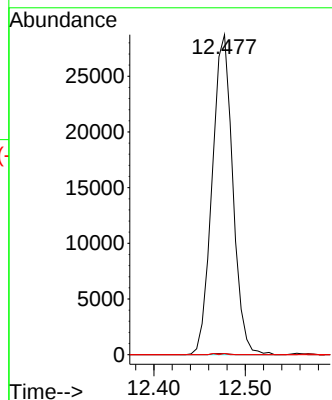
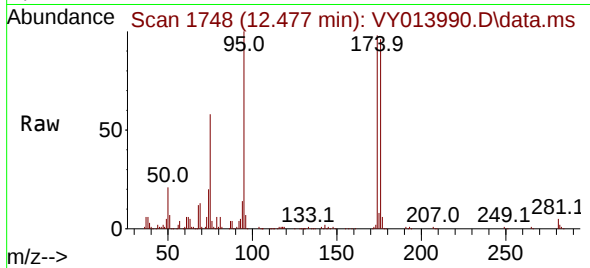




#81
trans-1,4-Dichloro-2-butene
Concen: 76.482 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060123

Tgt Ion: 75 Resp: 44943
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 3.959 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013990.D
Acq: 02 Jun 2023 15:20

Tgt Ion: 128 Resp: 365
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

