

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017965.D
 Acq On : 18 Apr 2024 10:01
 Operator : SY/MD
 Sample : VY0418SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

Quant Time: Apr 19 01:58:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

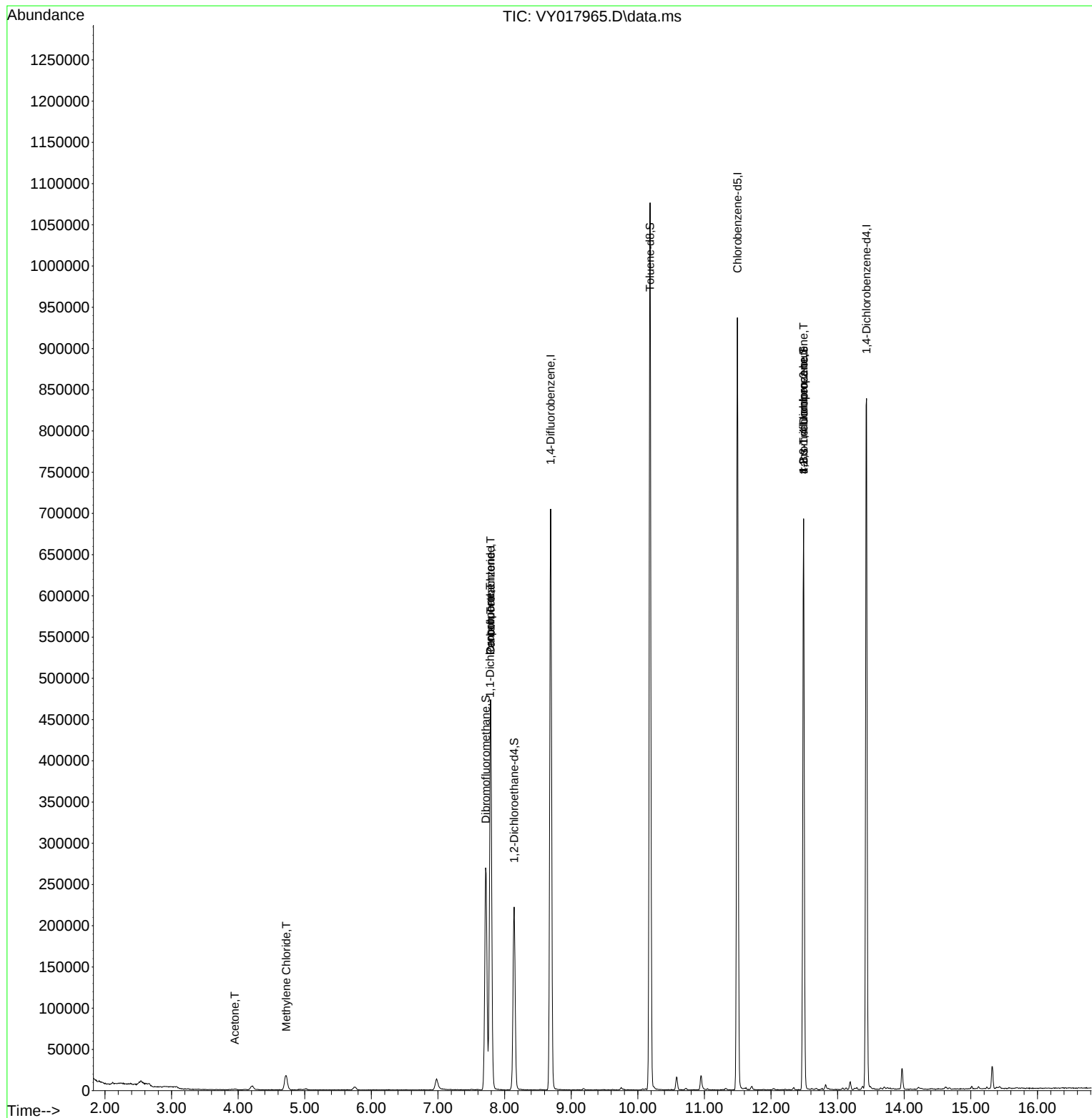
Internal Standards						
1) Pentafluorobenzene	7.789	168	395843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	646346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	548036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	238399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	168727	49.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.52%
35) Dibromofluoromethane	7.716	113	194167	48.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.38%
50) Toluene-d8	10.185	98	724646	47.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.78%
62) 4-Bromofluorobenzene	12.489	95	206334	44.03	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.06%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1013	Below Cal	#	88
16) Acetone	3.948	43	1828	2.70	ug/l #	81
20) Methylene Chloride	4.722	84	14414	3.14	ug/l	98
36) 1,1-Dichloropropene	7.783	75	27269	4.70	ug/l #	47
38) Carbon Tetrachloride	7.789	117	34441	5.88	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	98829	44.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	98829	91.09	ug/l #	16

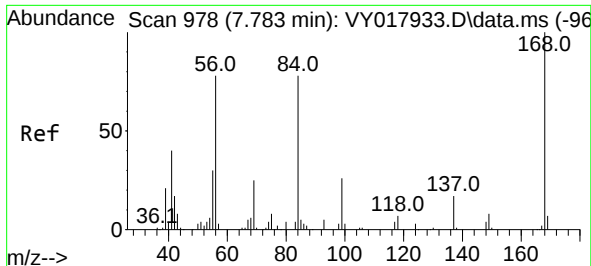
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
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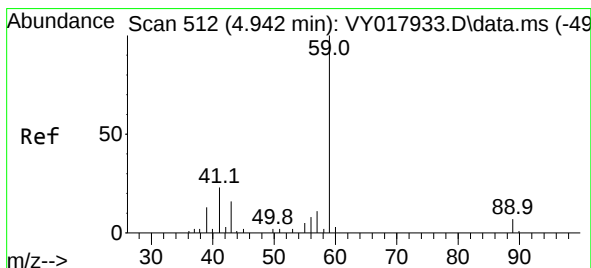
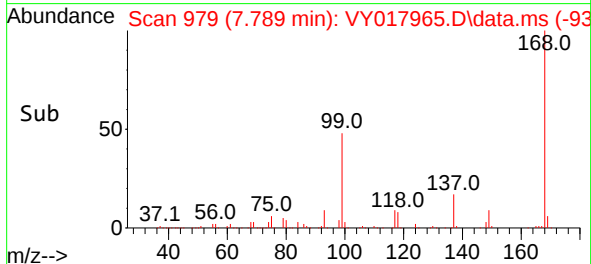
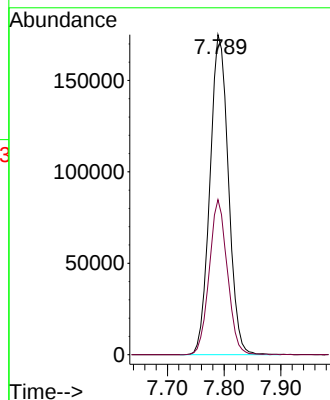
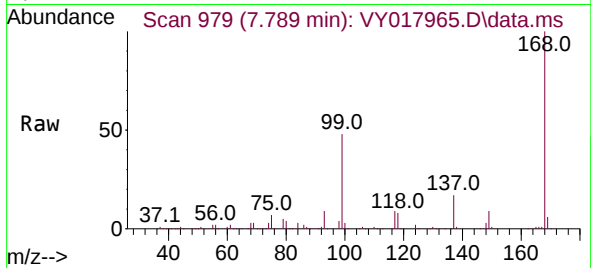




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

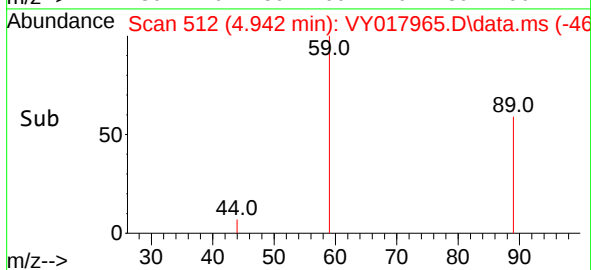
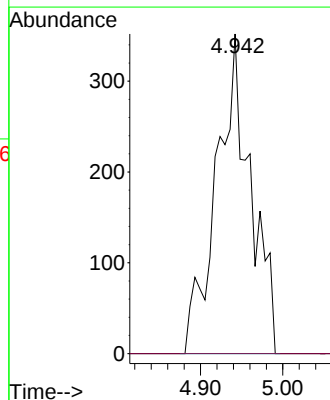
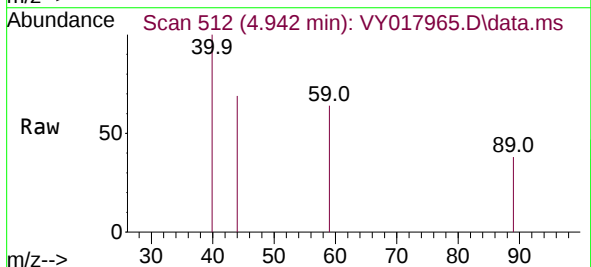
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

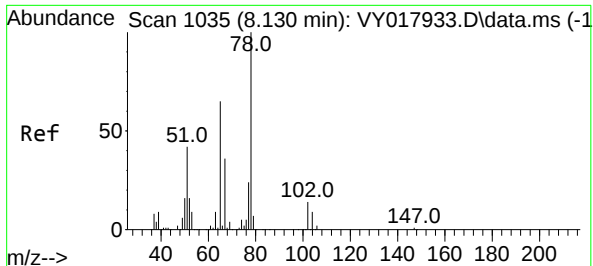
Tgt Ion:168 Resp: 395843
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

Tgt Ion: 59 Resp: 1013
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#33

1,2-Dichloroethane-d4

Concen: 49.26 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017965.D

Acq: 18 Apr 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

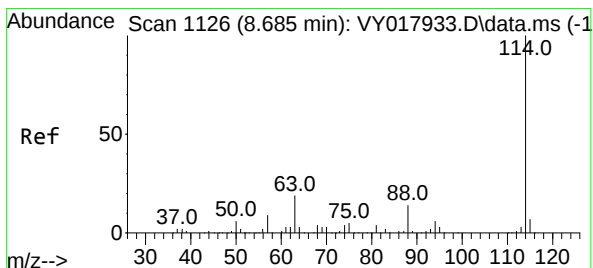
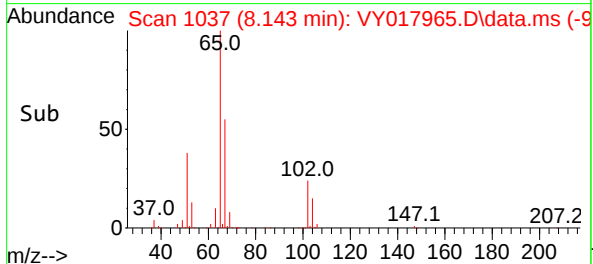
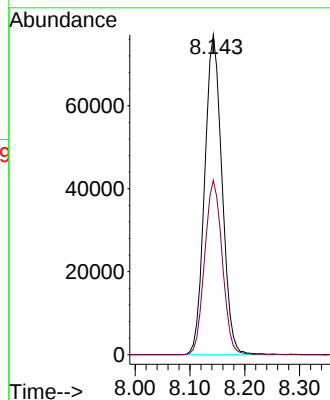
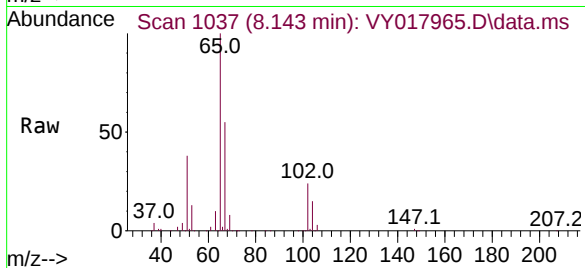
VY0418SBL01

Tgt Ion: 65 Resp: 168727

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017965.D

Acq: 18 Apr 2024 10:01

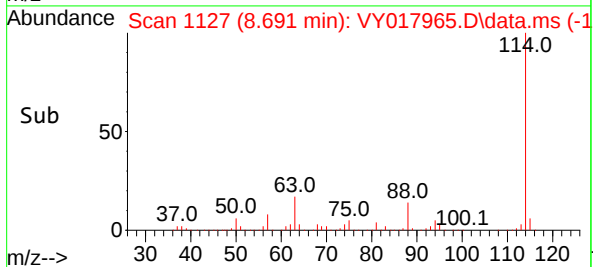
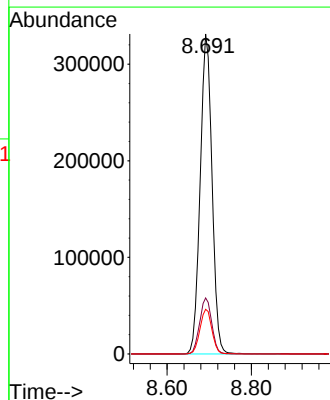
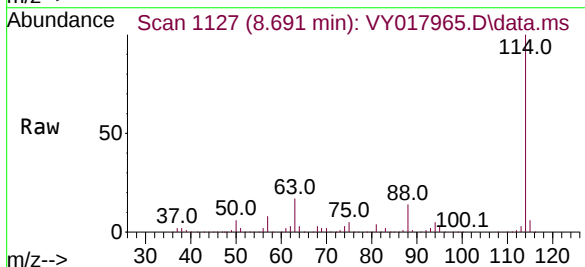
Tgt Ion: 114 Resp: 646346

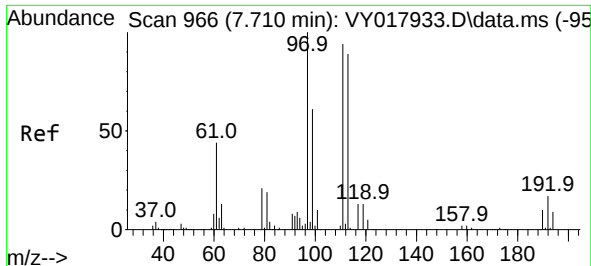
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.0 0.0 27.2

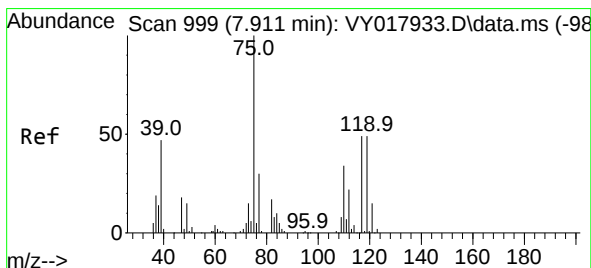
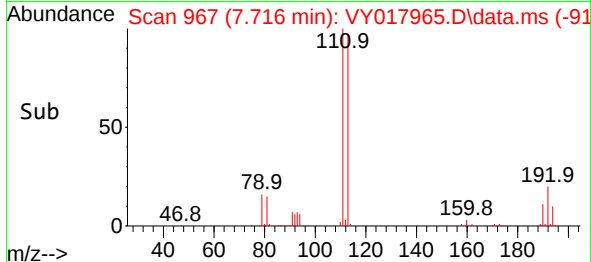
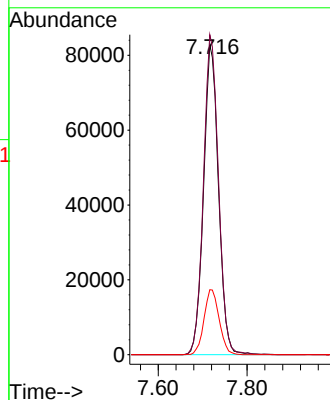
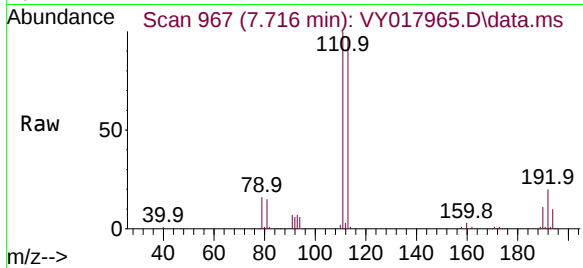




#35
Dibromofluoromethane
Concen: 48.69 ug/l
RT: 7.716 min Scan# 916
Delta R.T. -0.006 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

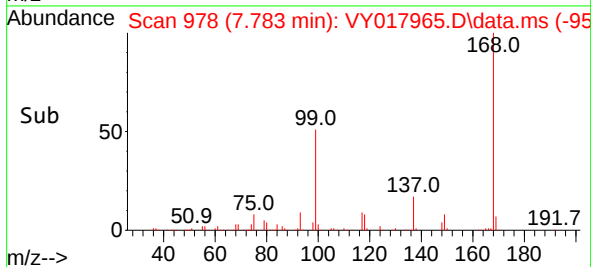
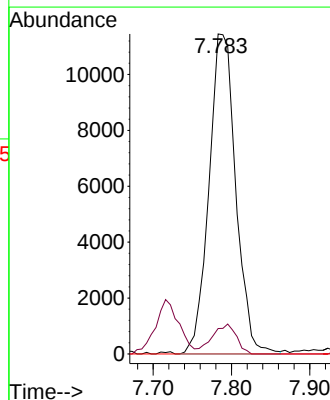
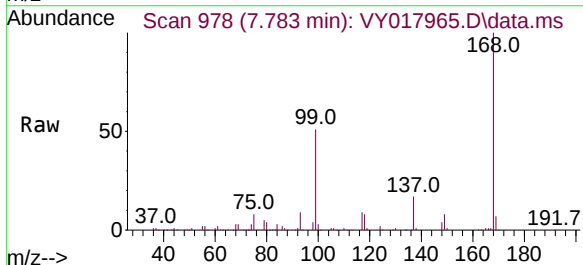
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

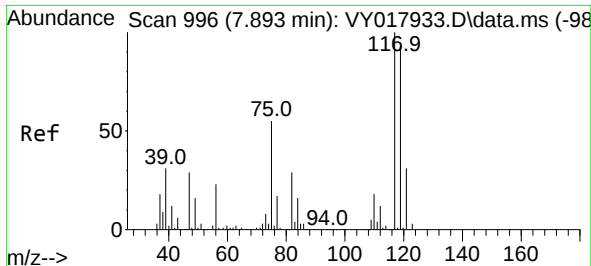
Tgt Ion:113 Resp: 194167
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 21.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

Tgt Ion: 75 Resp: 27269
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#

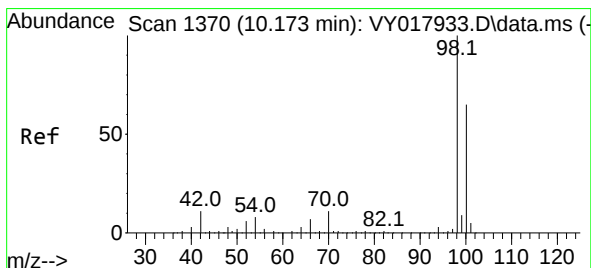
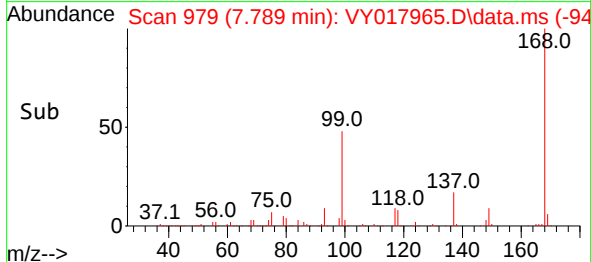
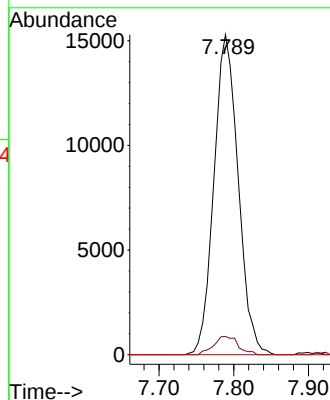
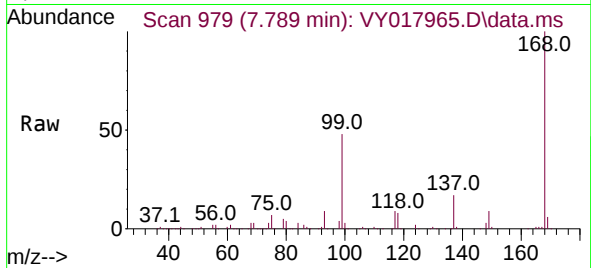




#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

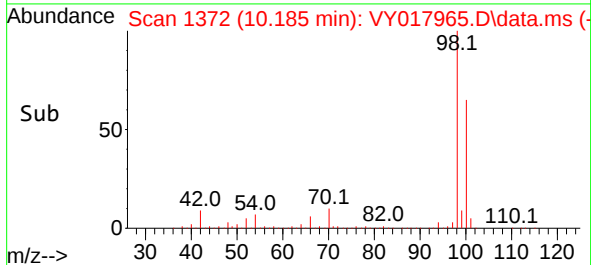
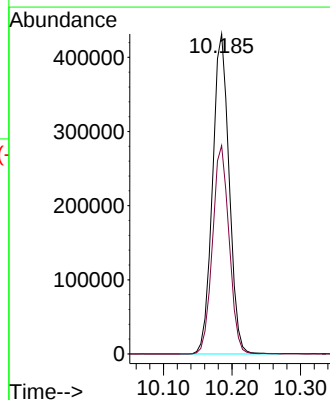
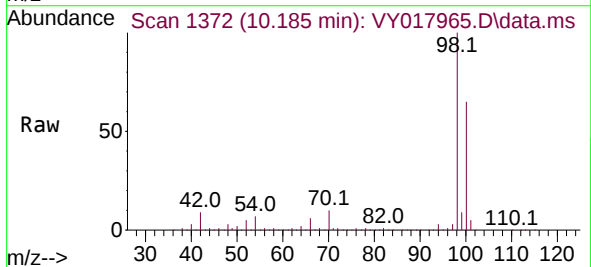
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

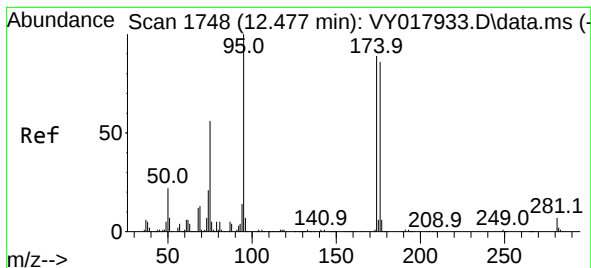
Tgt Ion:117 Resp: 34441
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.89 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

Tgt Ion: 98 Resp: 724646
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

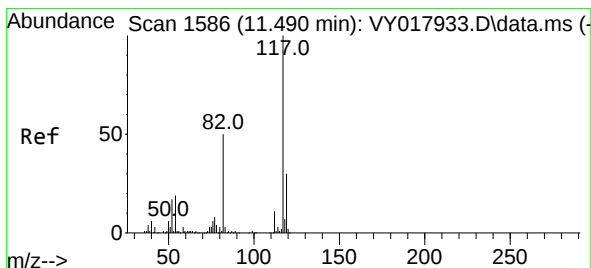
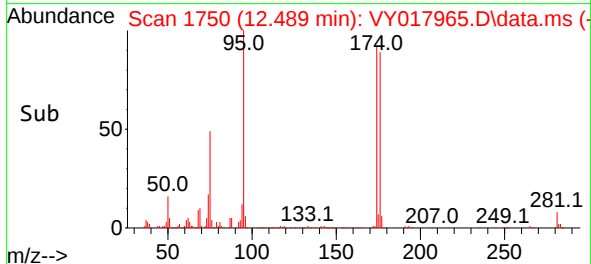
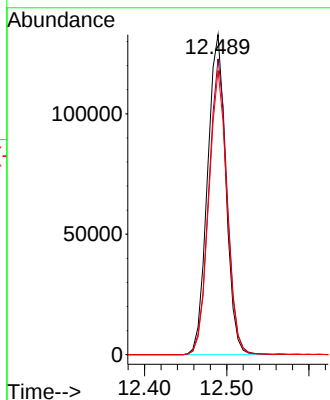
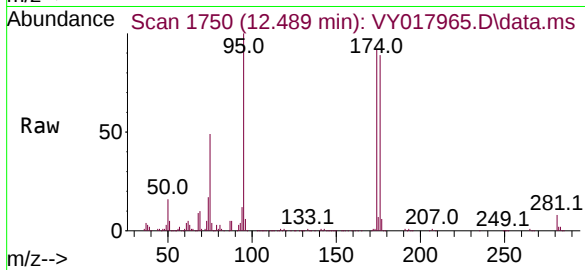




#62
4-Bromofluorobenzene
Concen: 44.03 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

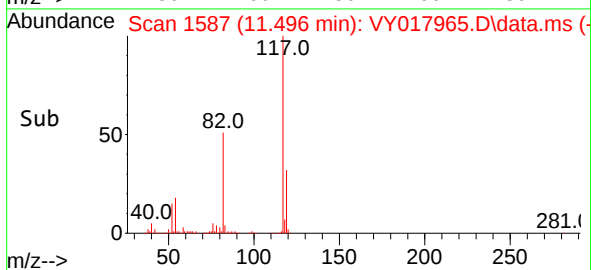
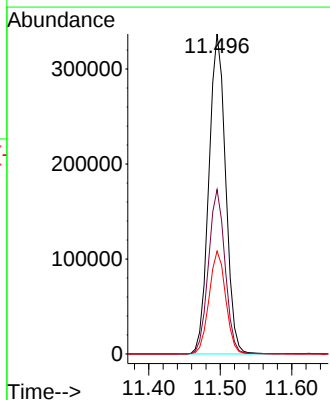
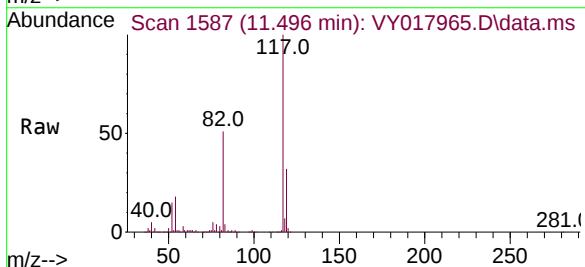
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

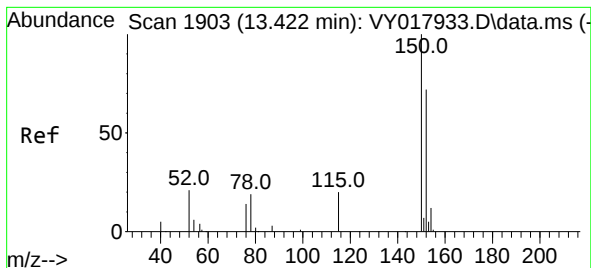
Tgt Ion: 95 Resp: 206334
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 88.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017965.D
Acq: 18 Apr 2024 10:01

Tgt Ion: 117 Resp: 548036
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 32.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY017965.D

Acq: 18 Apr 2024 10:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBL01

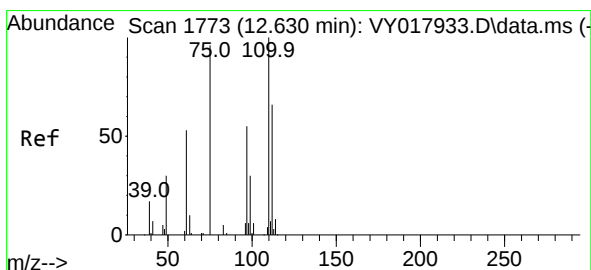
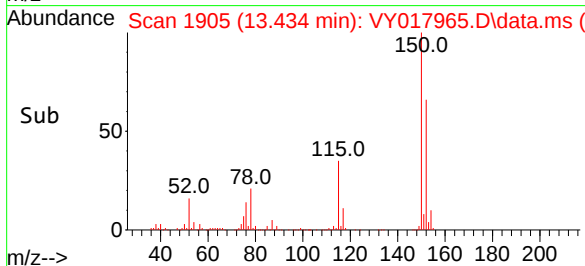
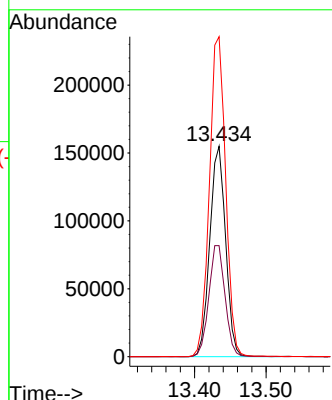
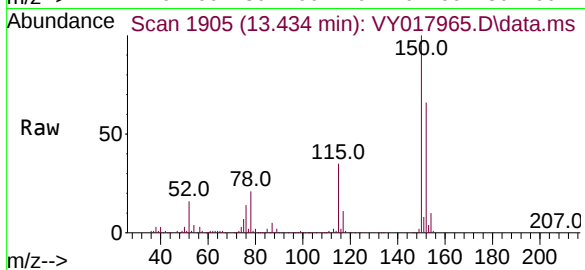
Tgt Ion:152 Resp: 238399

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 156.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 44.18 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017965.D

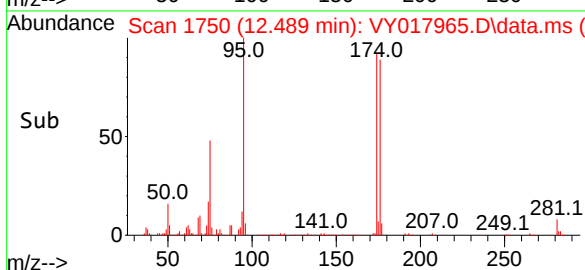
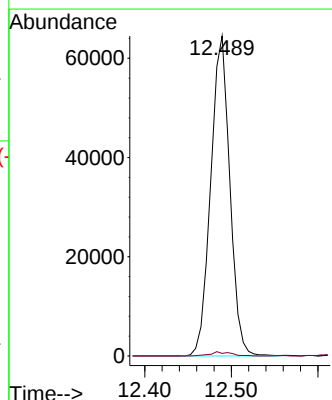
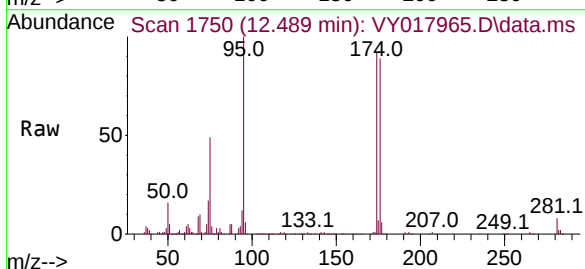
Acq: 18 Apr 2024 10:01

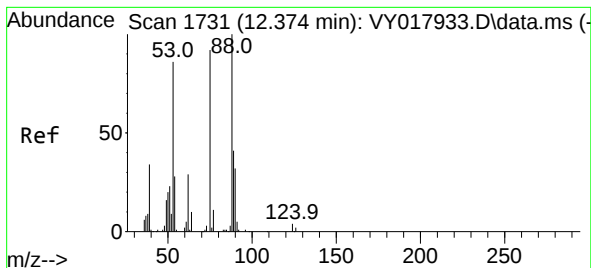
Tgt Ion: 75 Resp: 98829

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.09 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017965.D
 Acq: 18 Apr 2024 10:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

Tgt Ion: 75 Resp: 98829
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

