

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043940.D
 Acq On : 21 Nov 2024 17:13
 Operator : JC/MD
 Sample : P4934-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB01-20241119

Quant Time: Nov 22 04:01:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

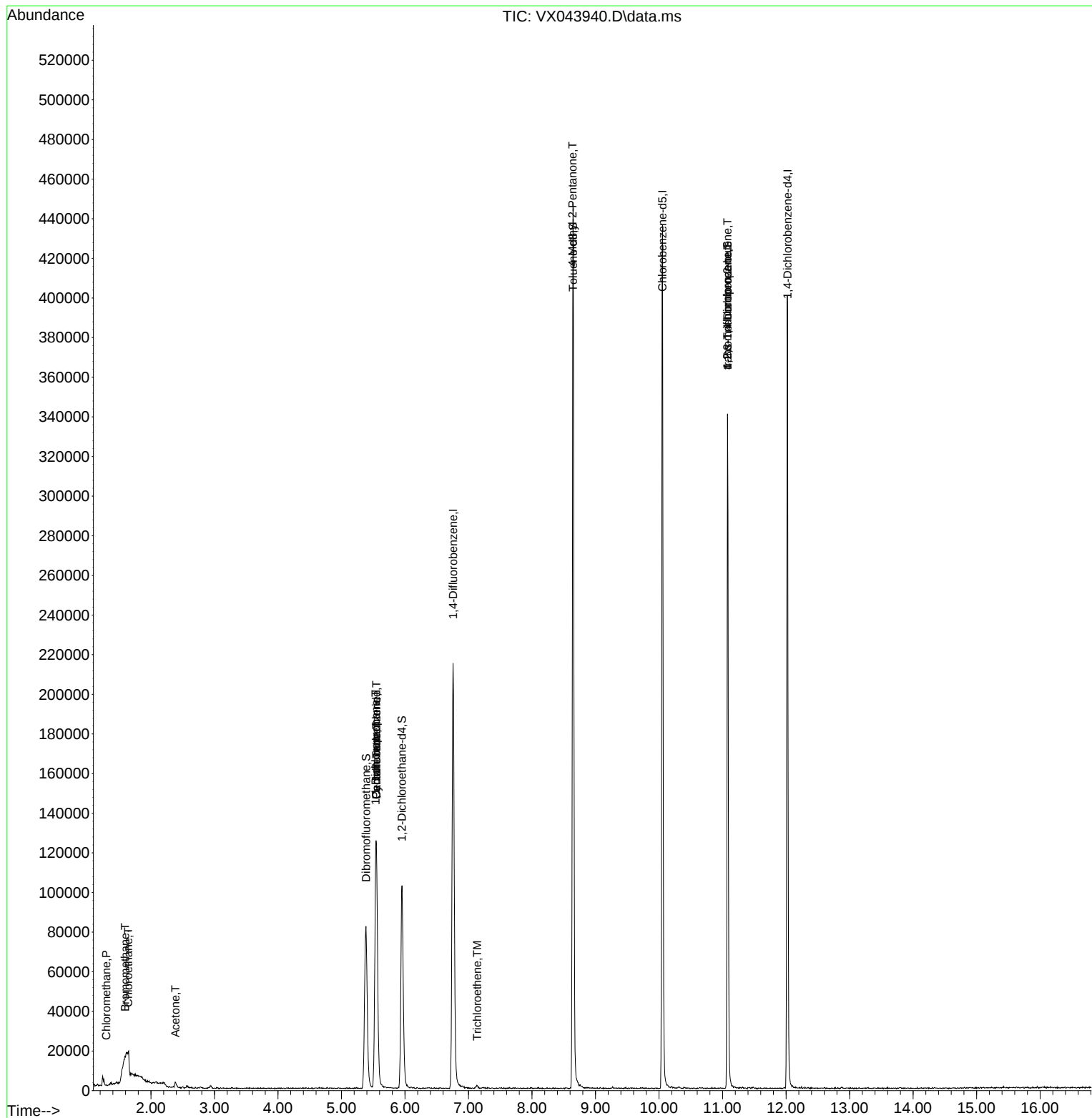
Internal Standards						
1) Pentafluorobenzene	5.549	168	113782	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	213883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97388	49.903	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.800%
35) Dibromofluoromethane	5.385	113	70960	46.431	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	8.646	98	268589	50.983	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.079	95	90089	50.247	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	565	0.372	ug/l #	83
5) Bromomethane	1.593	94	503	0.507	ug/l #	54
6) Chloroethane	1.642	64	200	0.203	ug/l #	42
16) Acetone	2.385	43	2955	3.297	ug/l	94
31) Cyclohexane	5.549	56	3231	1.485	ug/l #	56
36) 1,1-Dichloropropene	5.537	75	10688	5.612	ug/l #	50
38) Carbon Tetrachloride	5.549	117	13445	6.283	ug/l #	15
44) Trichloroethene	7.135	130	469	0.279	ug/l	54
51) 4-Methyl-2-Pentanone	8.640	43	1335	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49643	28.674	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49643	78.244	ug/l #	6

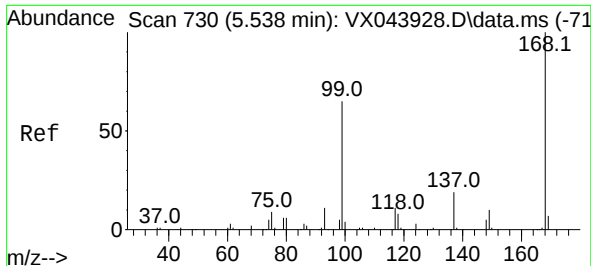
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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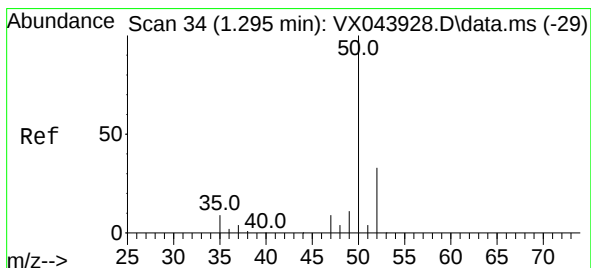
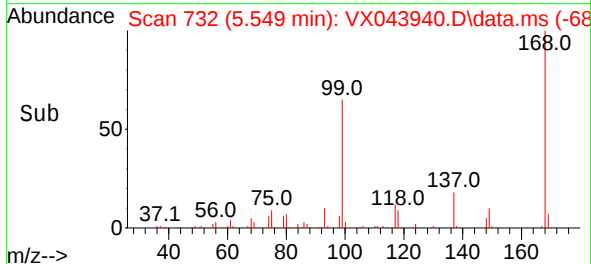
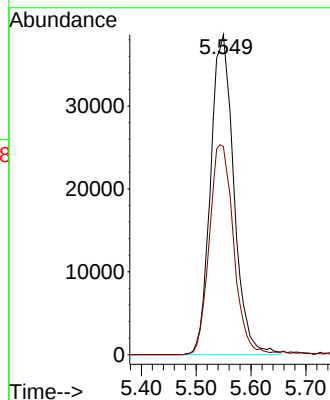
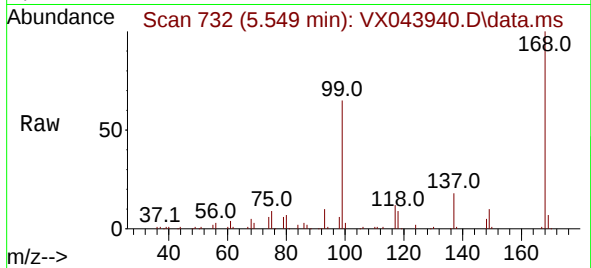




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

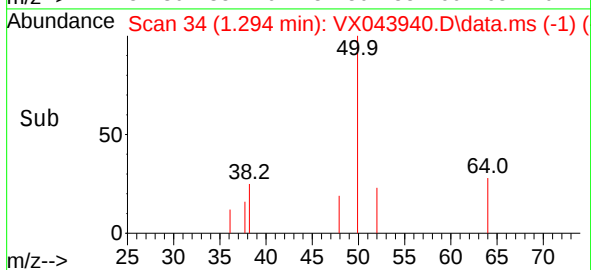
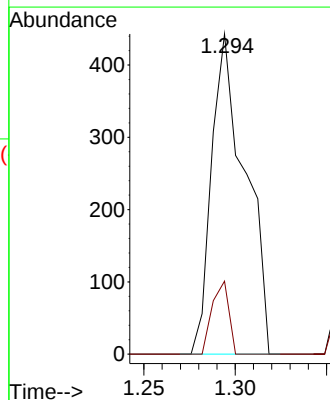
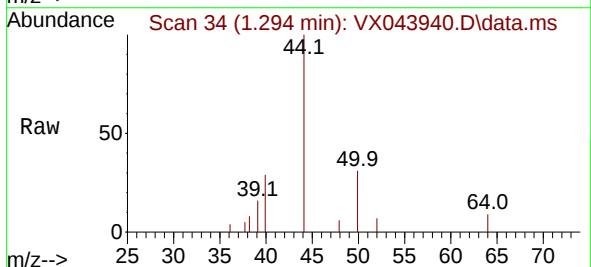
Instrument :
MSVOA_X
ClientSampleId :
RB01-20241119

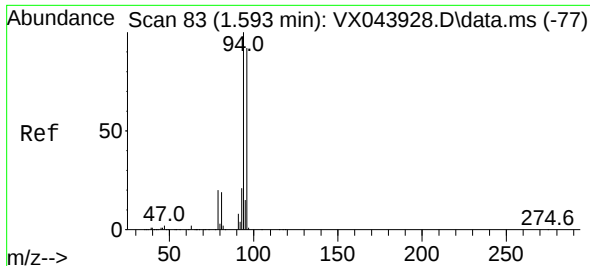
Tgt Ion:168 Resp: 113782
Ion Ratio Lower Upper
168 100
99 65.0 51.8 77.8



#3
Chloromethane
Concen: 0.372 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

Tgt Ion: 50 Resp: 565
Ion Ratio Lower Upper
50 100
52 22.8 26.1 39.1#

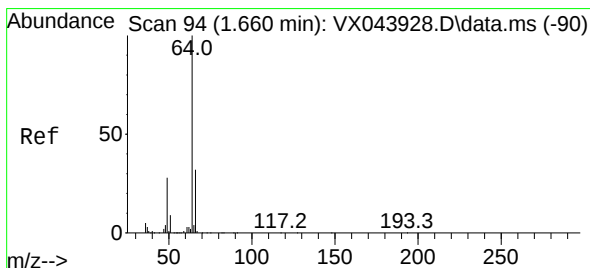
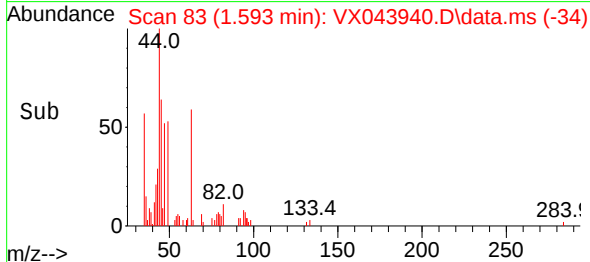
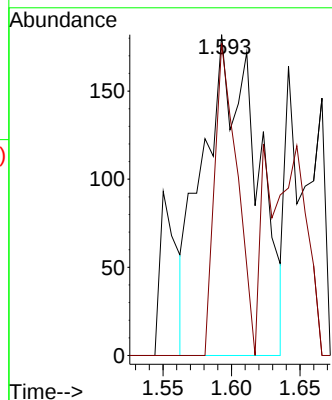
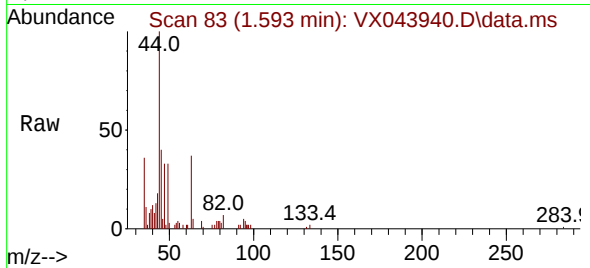




#5
Bromomethane
Concen: 0.507 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

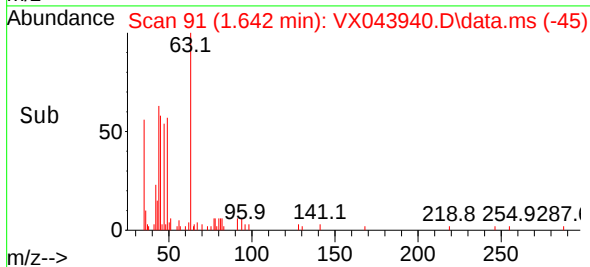
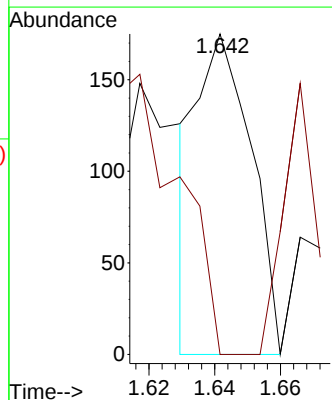
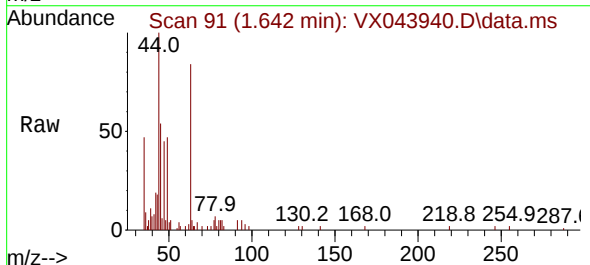
Instrument :
MSVOA_X
ClientSampleId :
RB01-20241119

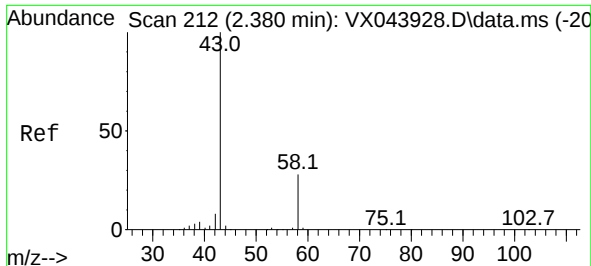
Tgt Ion: 94 Resp: 503
Ion Ratio Lower Upper
94 100
96 136.2 73.9 110.9#



#6
Chloroethane
Concen: 0.203 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

Tgt Ion: 64 Resp: 200
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

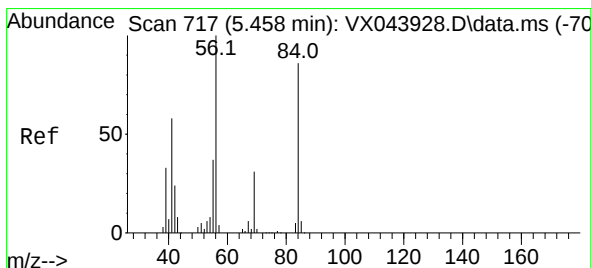
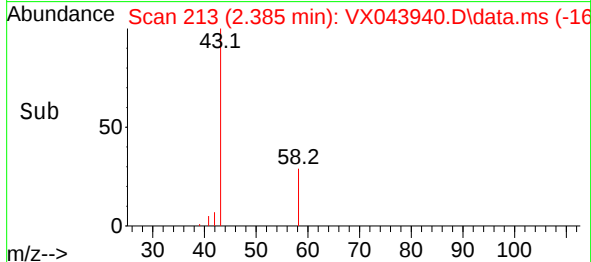
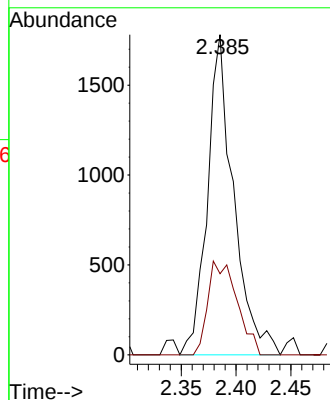
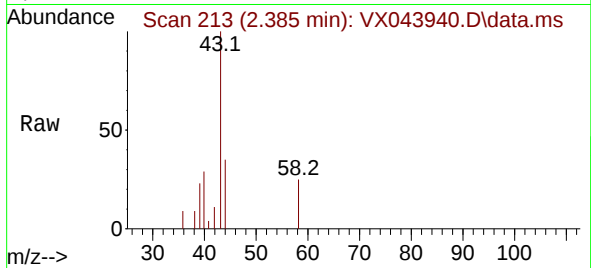




#16
Acetone
Concen: 3.297 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

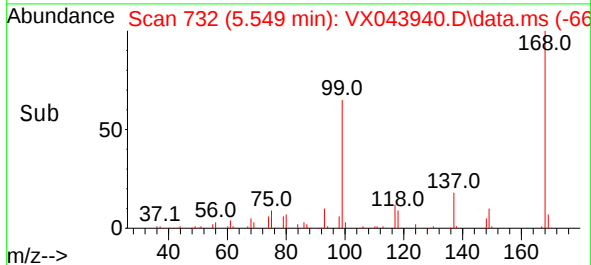
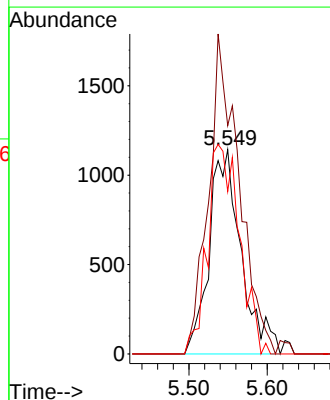
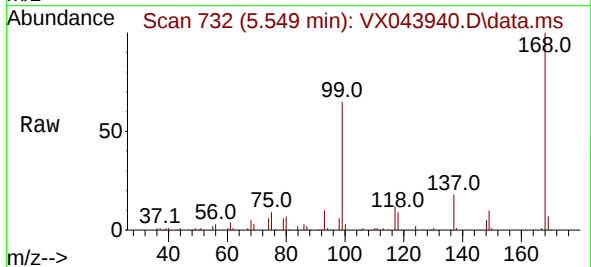
Instrument :
MSVOA_X
ClientSampleId :
RB01-20241119

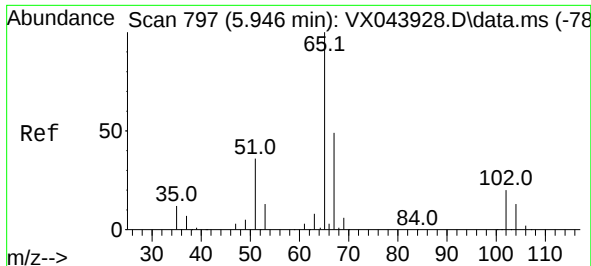
Tgt Ion: 43 Resp: 2955
Ion Ratio Lower Upper
43 100
58 25.3 22.7 34.1



#31
Cyclohexane
Concen: 1.485 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

Tgt Ion: 56 Resp: 3231
Ion Ratio Lower Upper
56 100
69 111.7 24.7 37.1#
84 79.5 68.7 103.1





#33

1,2-Dichloroethane-d4

Concen: 49.903 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX043940.D

Acq: 21 Nov 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

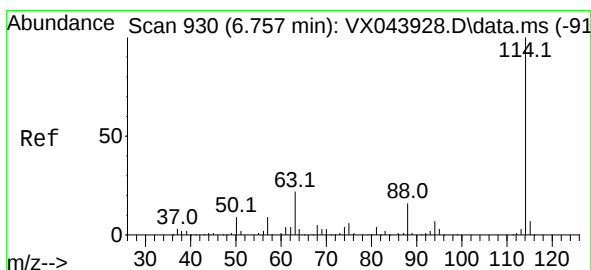
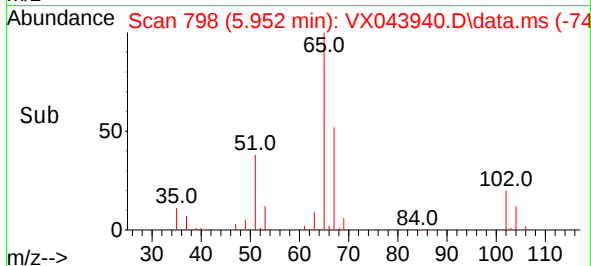
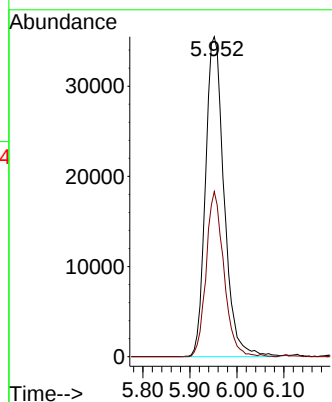
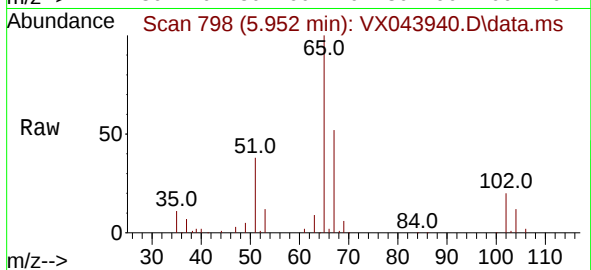
RB01-20241119

Tgt Ion: 65 Resp: 97388

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043940.D

Acq: 21 Nov 2024 17:13

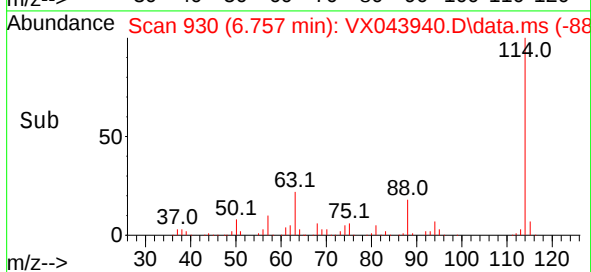
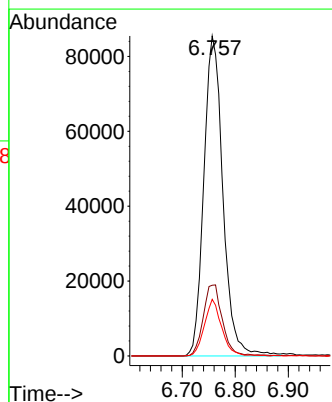
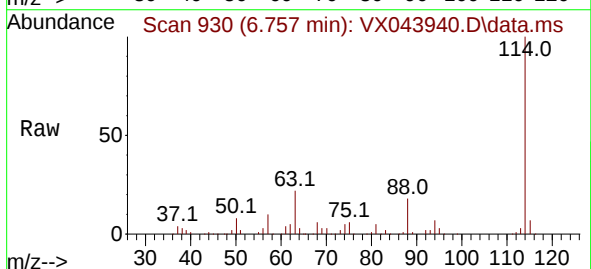
Tgt Ion:114 Resp: 213883

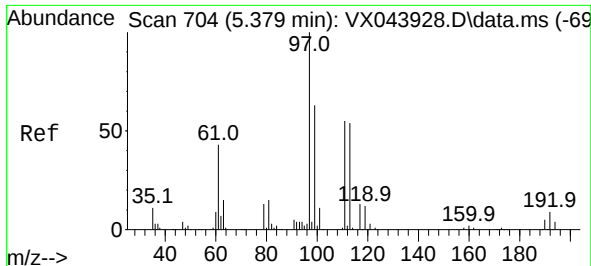
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

88 17.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.431 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043940.D

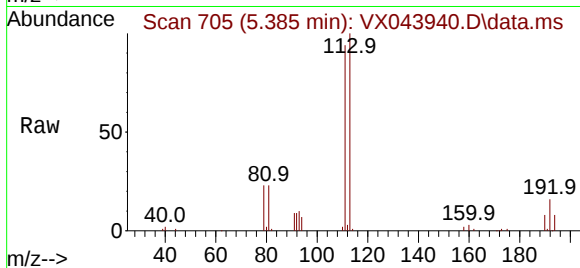
Acq: 21 Nov 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

RB01-20241119



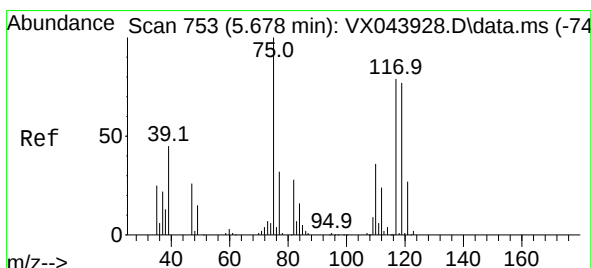
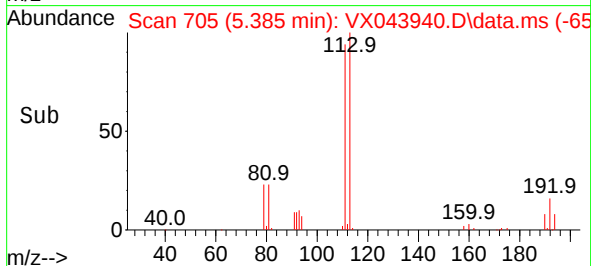
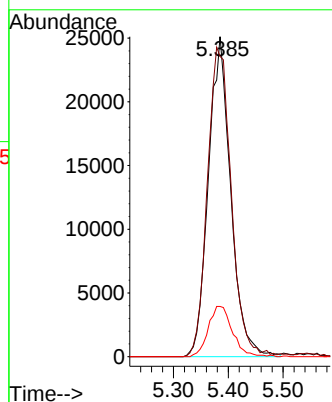
Tgt Ion:113 Resp: 70960

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.4

192 17.0 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.612 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.141 min

Lab File: VX043940.D

Acq: 21 Nov 2024 17:13

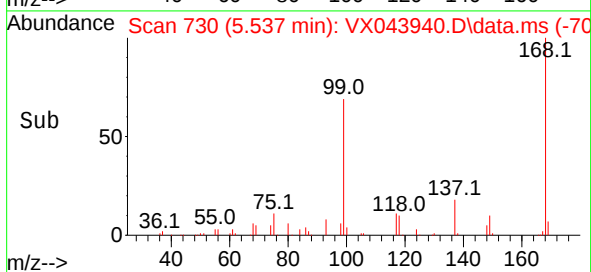
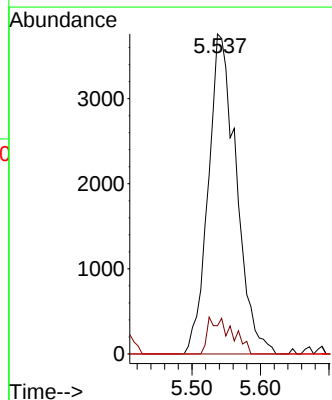
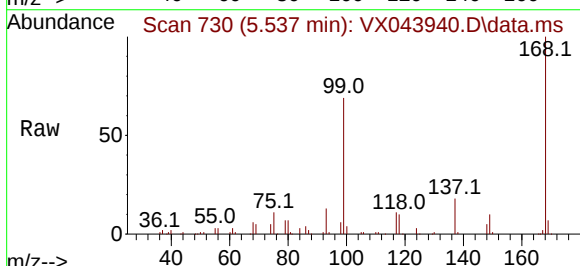
Tgt Ion: 75 Resp: 10688

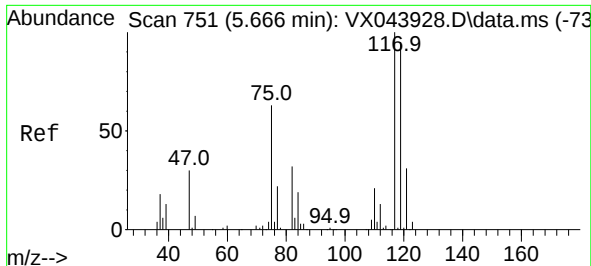
Ion Ratio Lower Upper

75 100

110 9.7 17.4 52.2#

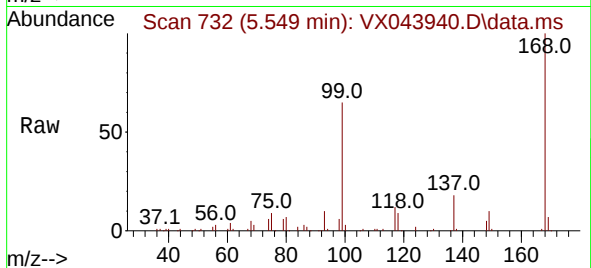
77 0.0 25.8 38.8#



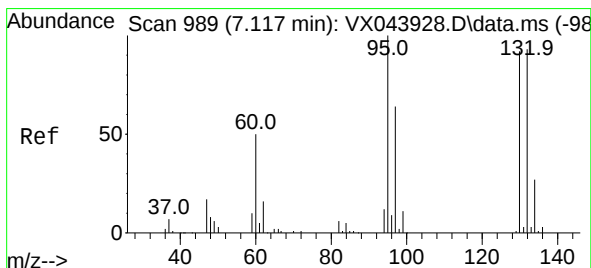
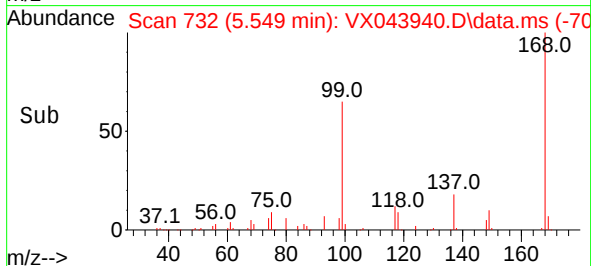
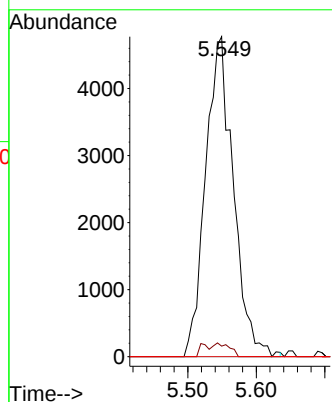


#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 5.549 min Scan# 751
Delta R.T. -0.116 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :
RB01-20241119

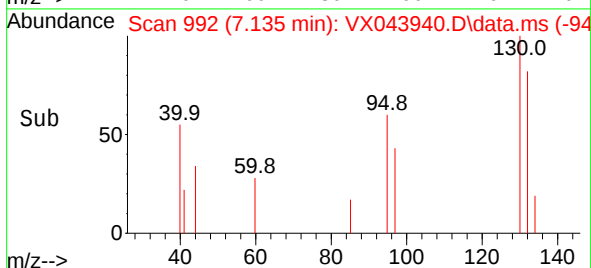
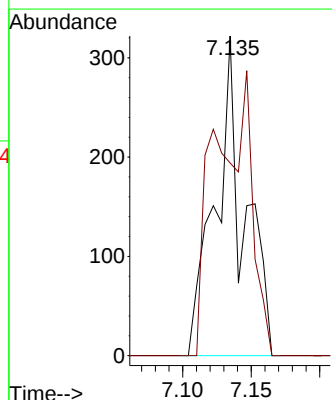
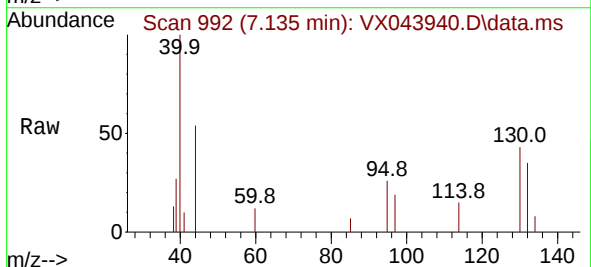


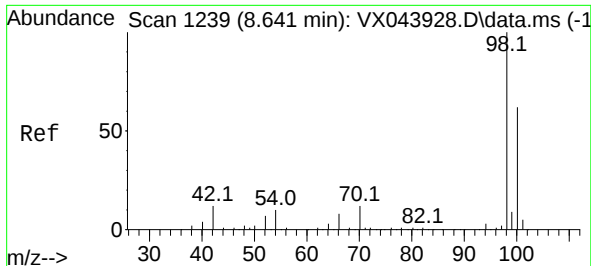
Tgt Ion:117 Resp: 13445
Ion Ratio Lower Upper
117 100
119 3.3 75.2 112.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.279 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

Tgt Ion:130 Resp: 469
Ion Ratio Lower Upper
130 100
95 60.2 0.0 217.8





#50

Toluene-d8

Concen: 50.983 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043940.D

Acq: 21 Nov 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

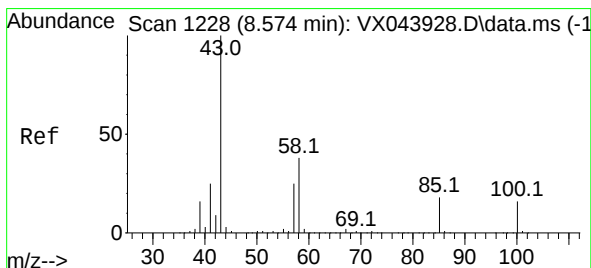
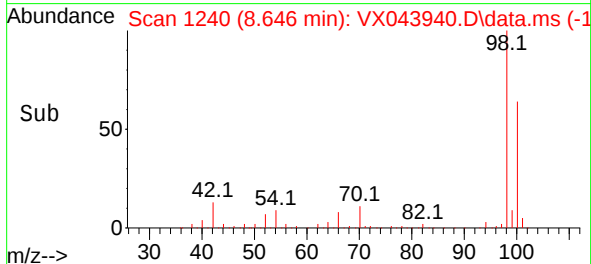
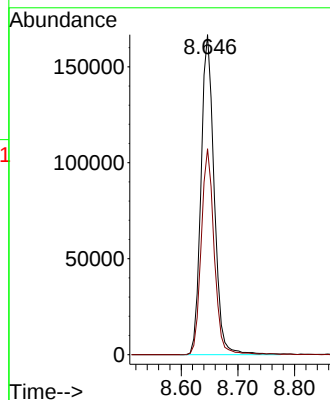
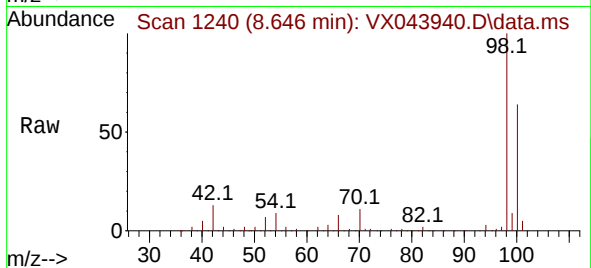
RB01-20241119

Tgt Ion: 98 Resp: 268589

Ion Ratio Lower Upper

98 100

100 63.1 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 0.581 ug/l

RT: 8.640 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX043940.D

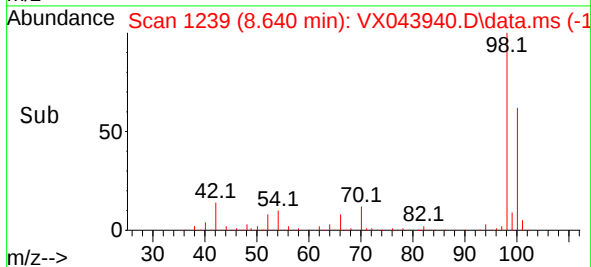
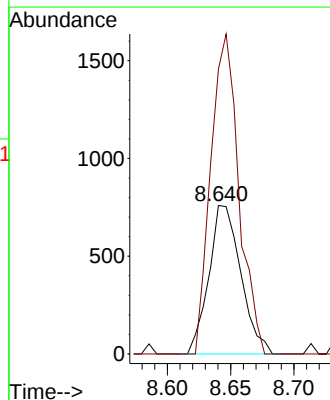
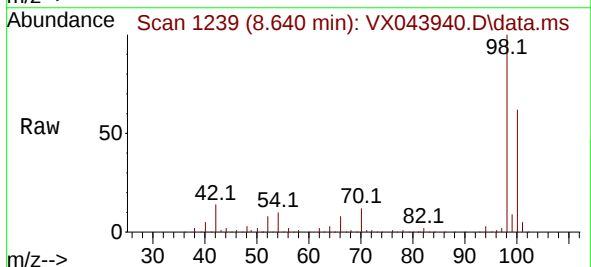
Acq: 21 Nov 2024 17:13

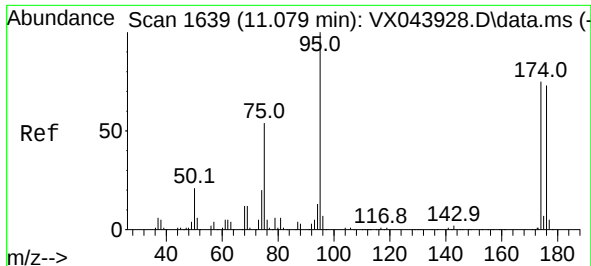
Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

58 189.3 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 50.247 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043940.D

Acq: 21 Nov 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

RB01-20241119

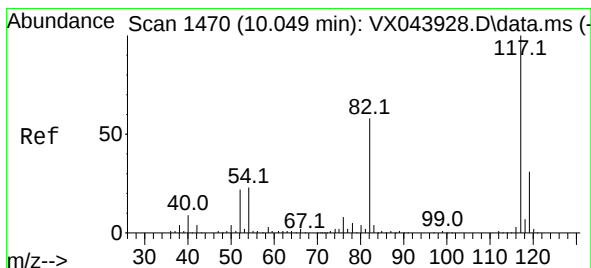
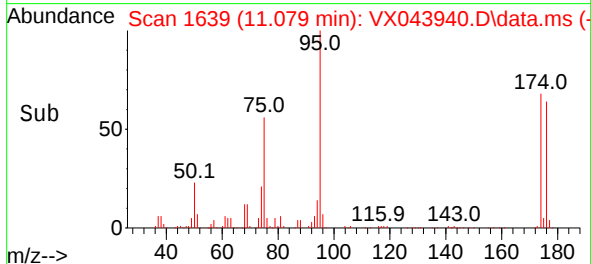
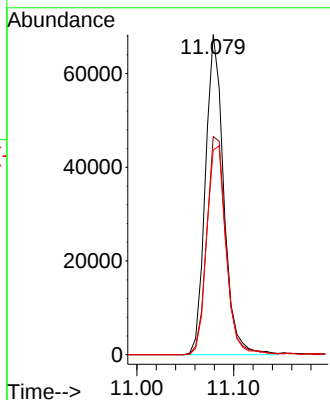
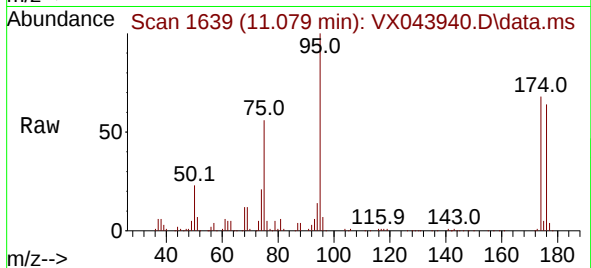
Tgt Ion: 95 Resp: 90089

Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.4

176 69.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043940.D

Acq: 21 Nov 2024 17:13

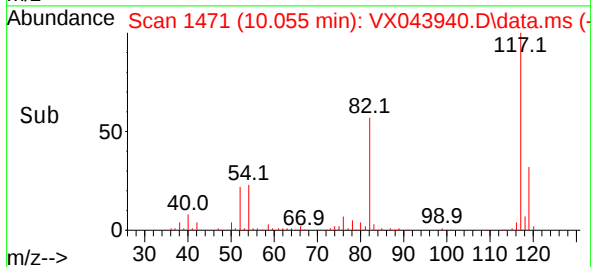
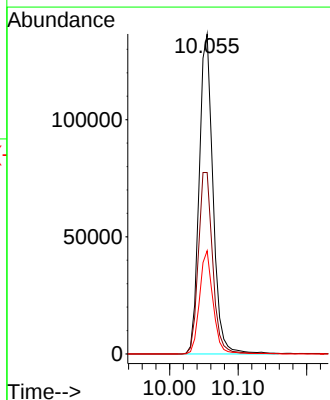
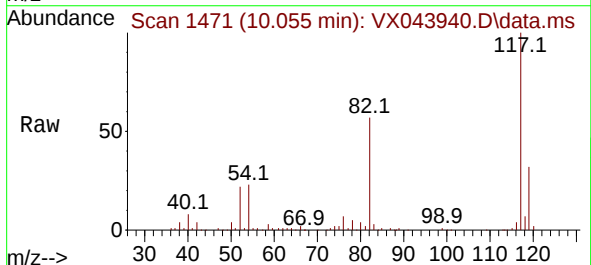
Tgt Ion: 117 Resp: 191929

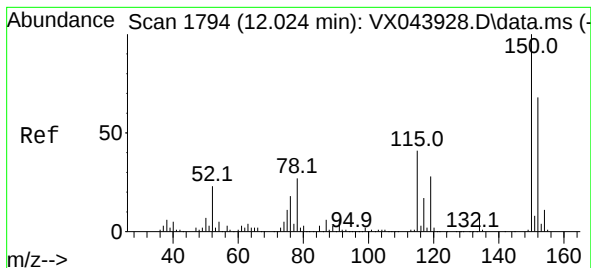
Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 32.3 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043940.D

Acq: 21 Nov 2024 17:13

Instrument :

MSVOA_X

ClientSampleId :

RB01-20241119

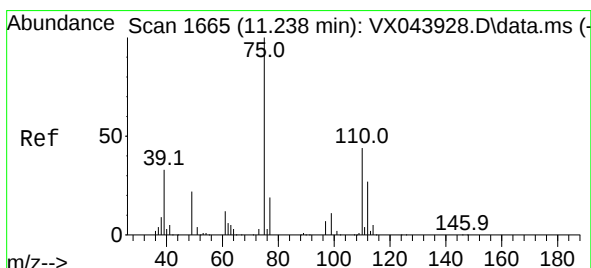
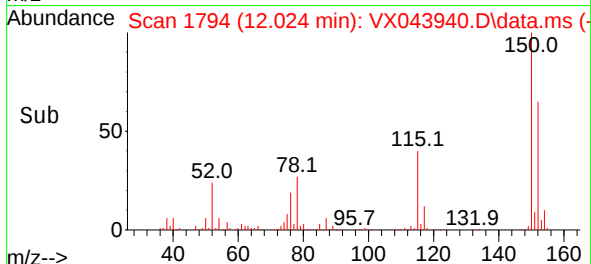
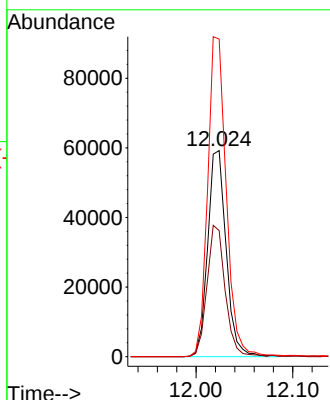
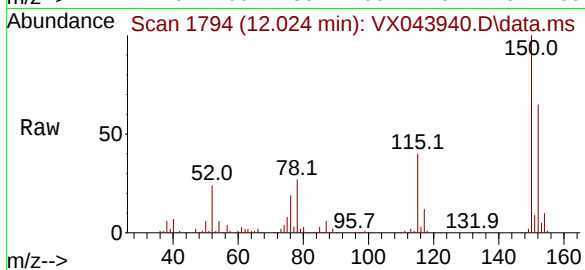
Tgt Ion:152 Resp: 78947

Ion Ratio Lower Upper

152 100

115 63.0 45.4 136.2

150 156.8 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 28.674 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043940.D

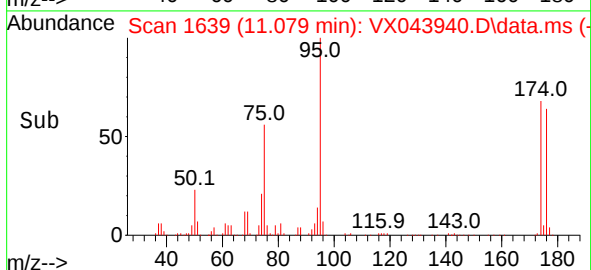
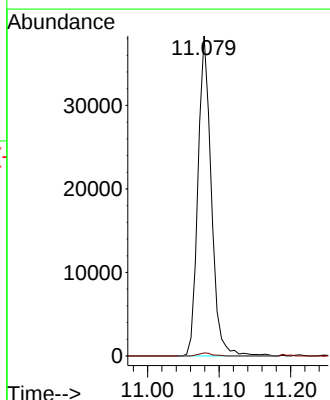
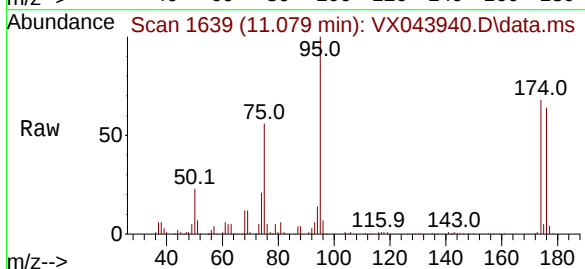
Acq: 21 Nov 2024 17:13

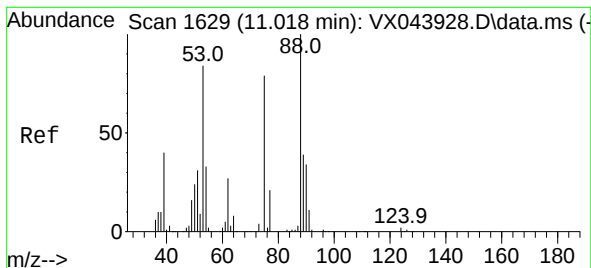
Tgt Ion: 75 Resp: 49643

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.244 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.060 min
Lab File: VX043940.D
Acq: 21 Nov 2024 17:13

Instrument :
MSVOA_X
ClientSampleId :
RB01-20241119

Tgt Ion: 75 Resp: 49643
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

