

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043972.D
 Acq On : 22 Nov 2024 19:56
 Operator : JC/MD
 Sample : P4873-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 22:30:06 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)

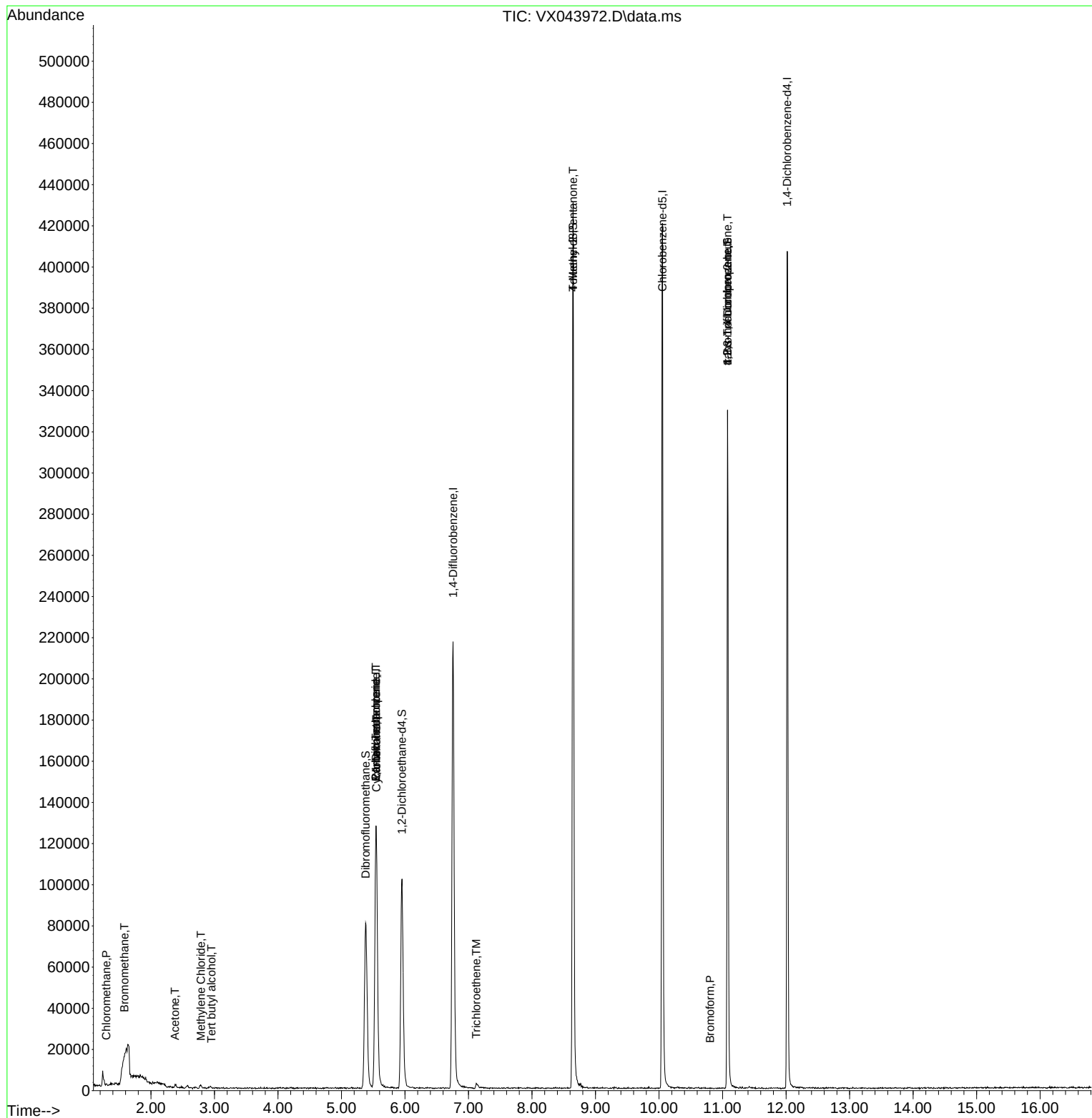
Internal Standards						
1) Pentafluorobenzene	5.544	168	112888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97617	50.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.840%	
35) Dibromofluoromethane	5.379	113	69712	45.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.240%	
50) Toluene-d8	8.647	98	256585	48.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	11.079	95	86524	47.733	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	627	0.417	ug/l #	42
5) Bromomethane	1.581	94	203	0.206	ug/l #	3
11) Tert butyl alcohol	2.953	59	195	0.627	ug/l #	73
16) Acetone	2.379	43	1465	1.647	ug/l #	83
20) Methylene Chloride	2.788	84	747	0.495	ug/l #	76
31) Cyclohexane	5.550	56	3097	1.435	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	10490	5.448	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13731	6.347	ug/l #	16
44) Trichloroethene	7.123	130	928	0.547	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1395	0.601	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.342	63	26	Below Cal	#	46
71) Bromoform	10.805	173	20	1.225	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	49085	28.757	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49085	78.471	ug/l #	6

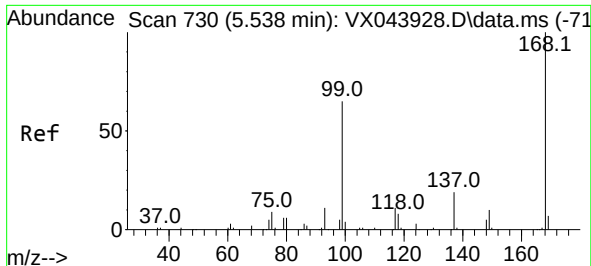
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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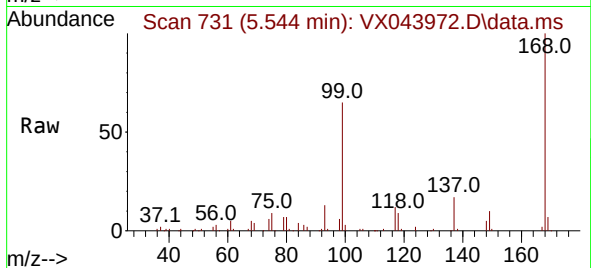
Quant Time: Nov 22 22:30:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



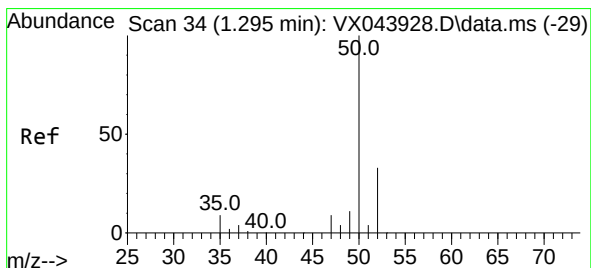
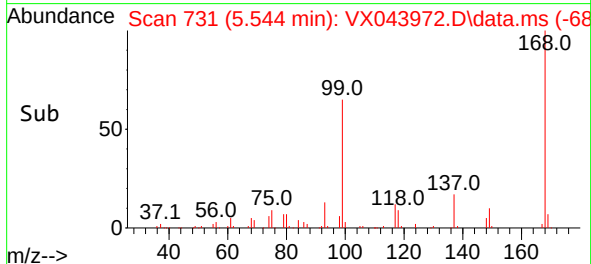
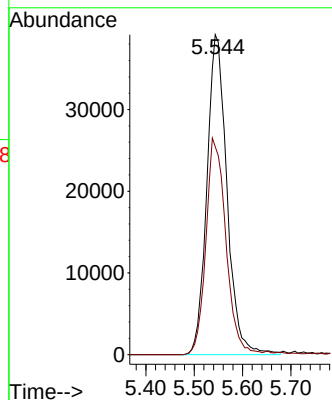


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :

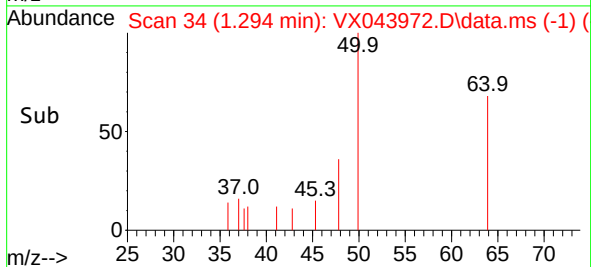
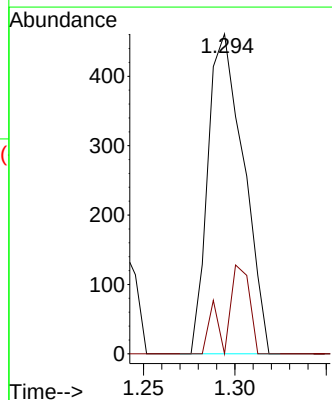
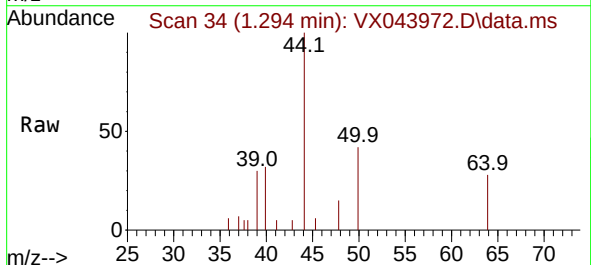


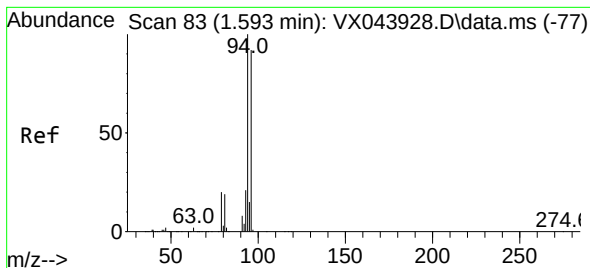
Tgt Ion:168 Resp: 112888
Ion Ratio Lower Upper
168 100
99 65.0 51.8 77.8



#3
Chloromethane
Concen: 0.417 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#5

Bromomethane

Concen: 0.206 ug/l

RT: 1.581 min Scan# 81

Delta R.T. -0.012 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

Instrument :

MSVOA_X

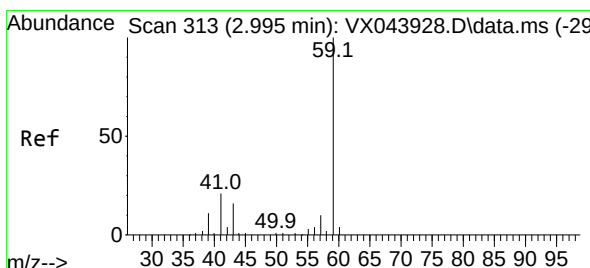
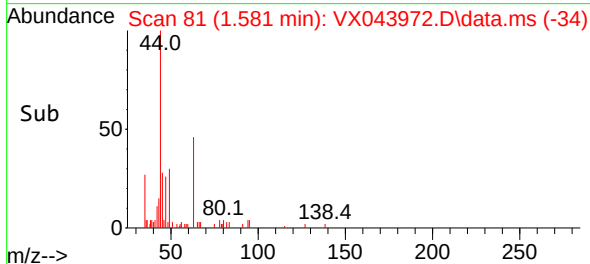
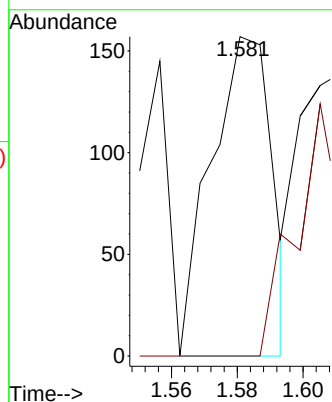
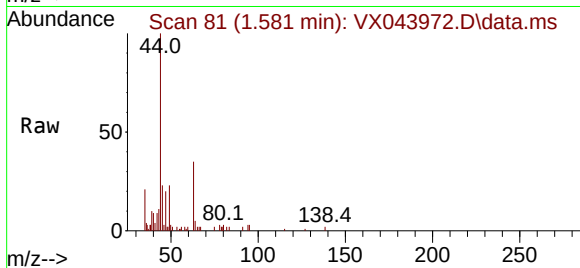
ClientSampleId :

Tgt Ion: 94 Resp: 203

Ion Ratio Lower Upper

94 100

96 0.0 73.9 110.9#



#11

Tert butyl alcohol

Concen: 0.627 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX043972.D

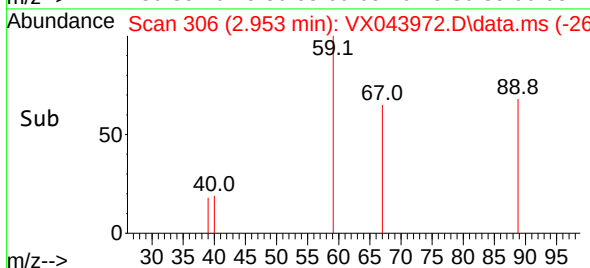
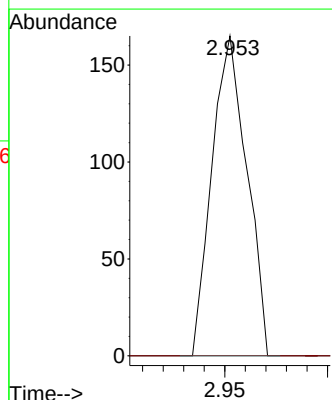
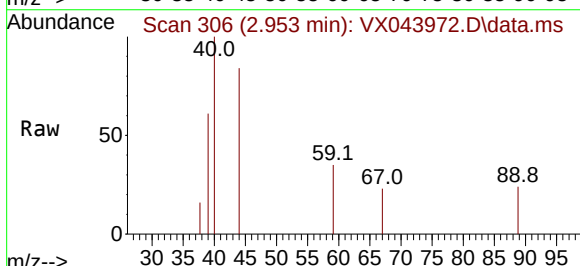
Acq: 22 Nov 2024 19:56

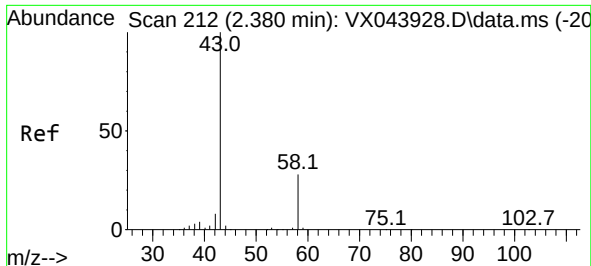
Tgt Ion: 59 Resp: 195

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#





#16

Acetone

Concen: 1.647 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

Instrument :

MSVOA_X

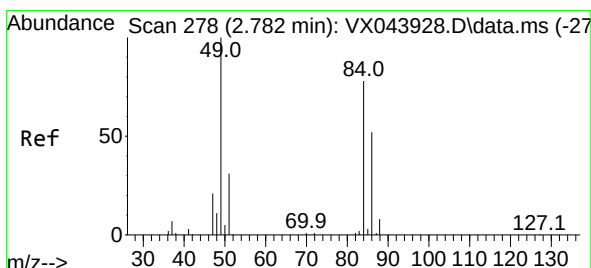
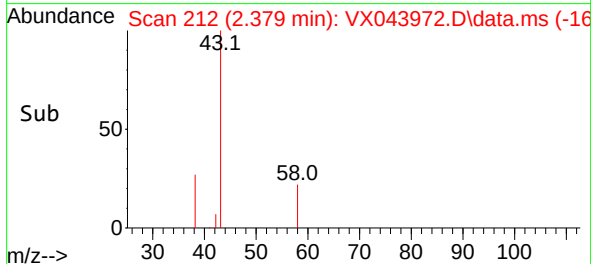
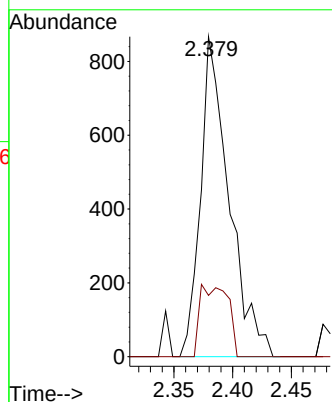
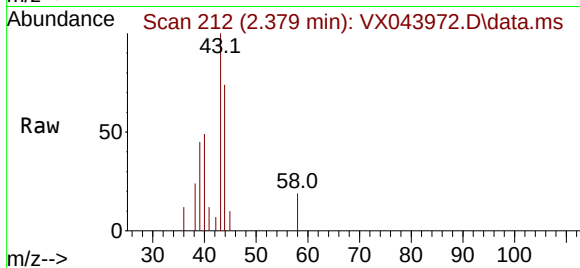
ClientSampleId :

Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

58 19.1 22.7 34.1#



#20

Methylene Chloride

Concen: 0.495 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

Tgt Ion: 84 Resp: 747

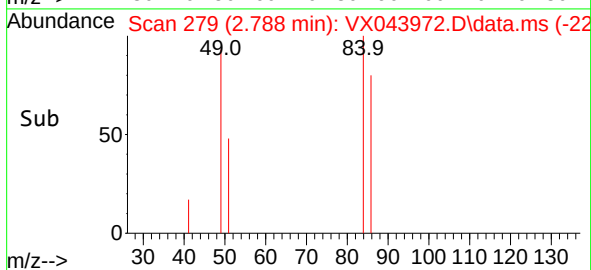
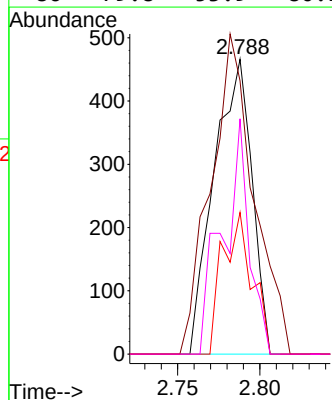
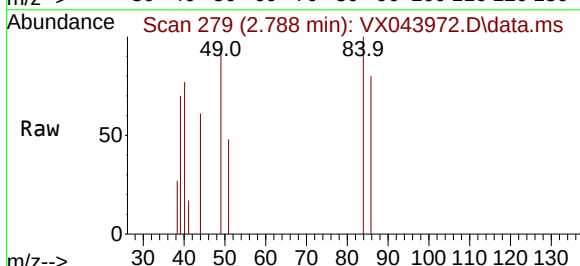
Ion Ratio Lower Upper

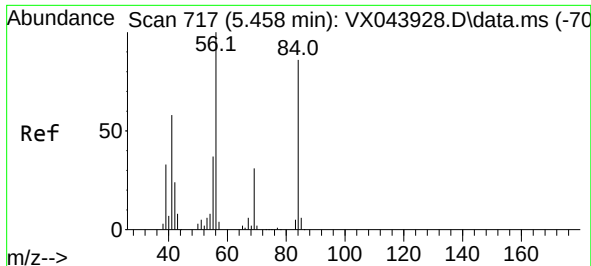
84 100

49 92.7 102.7 154.1#

51 48.1 31.7 47.5#

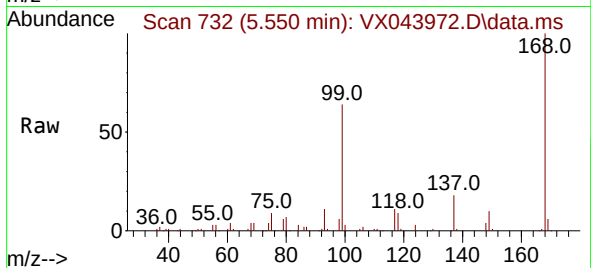
86 79.8 53.9 80.9



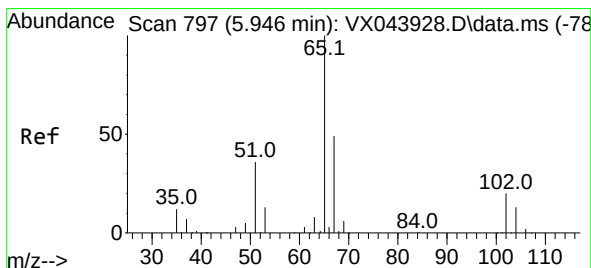
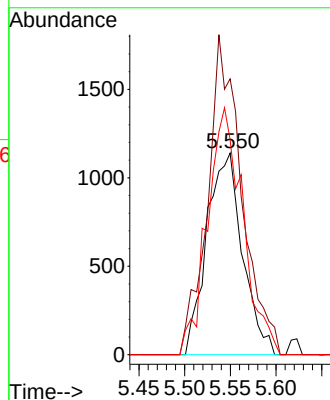
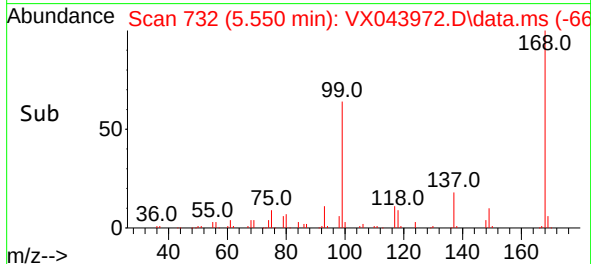


#31
Cyclohexane
Concen: 1.435 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

Instrument :
MSVOA_X
ClientSampleId :

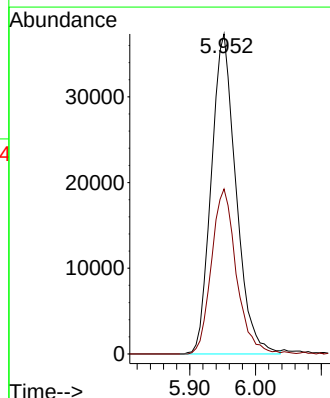
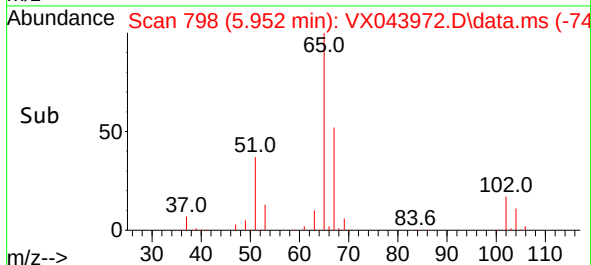
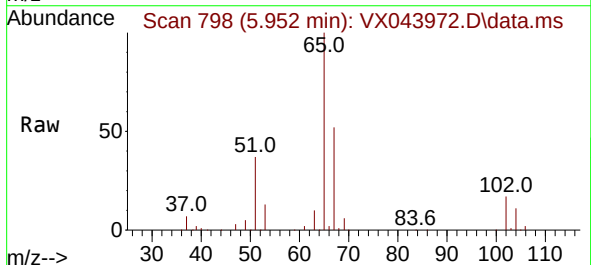


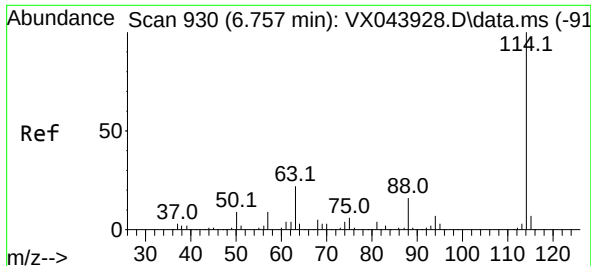
Tgt Ion: 56 Resp: 3097
Ion Ratio Lower Upper
56 100
69 136.8 24.7 37.1#
84 106.6 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 50.416 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

Tgt Ion: 65 Resp: 97617
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

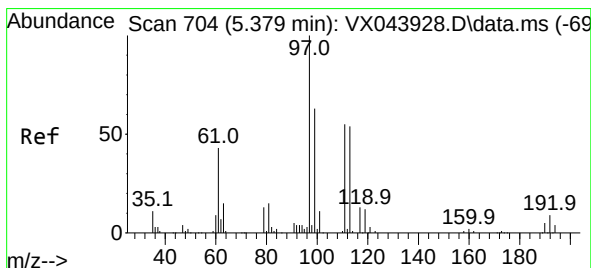
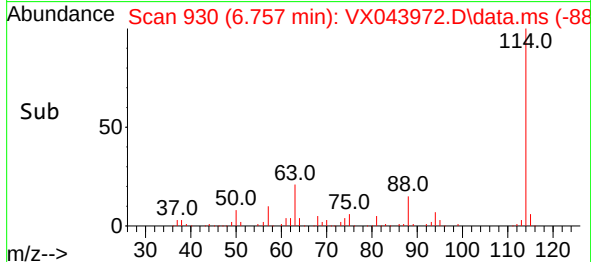
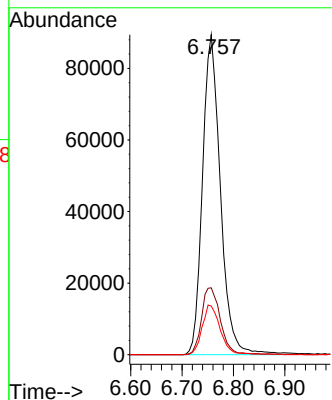
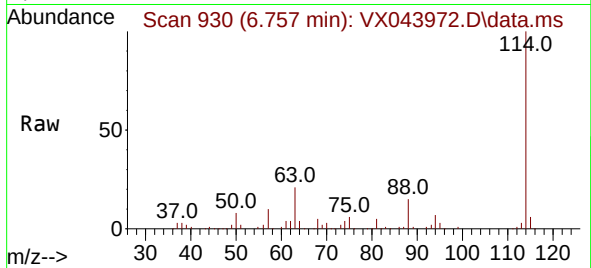




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

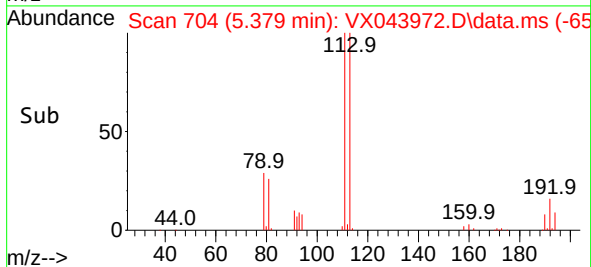
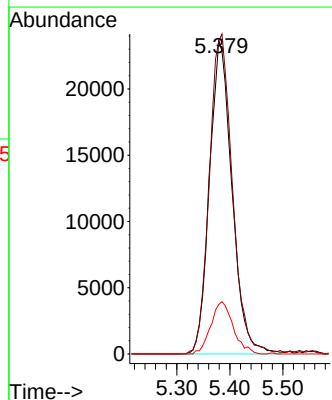
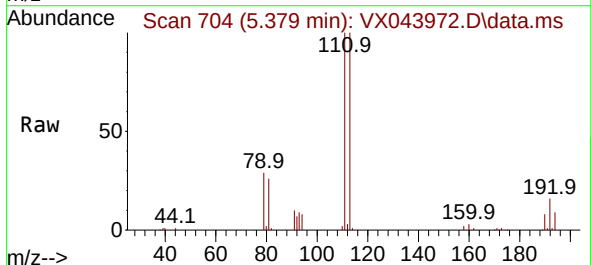
Instrument :
MSVOA_X
ClientSampleId :

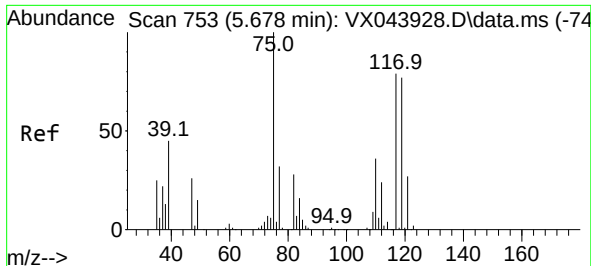
Tgt Ion:114 Resp: 216240
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.0
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.117 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

Tgt Ion:113 Resp: 69712
Ion Ratio Lower Upper
113 100
111 104.0 81.0 121.4
192 16.5 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.448 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

Instrument :

MSVOA_X

ClientSampleId :

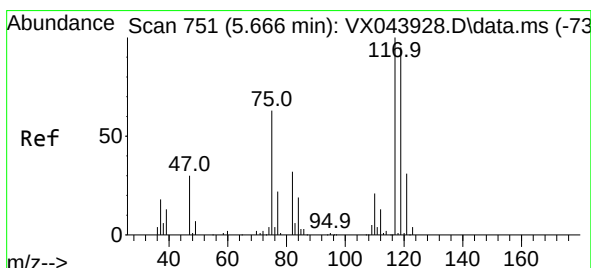
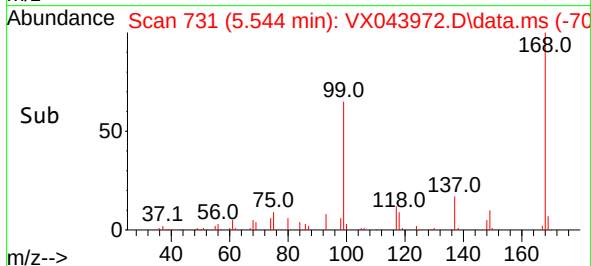
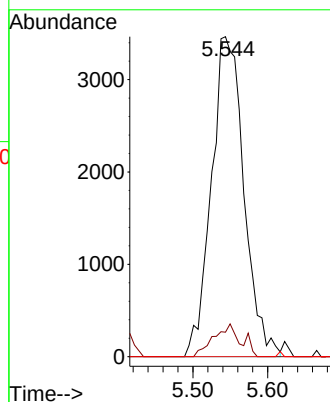
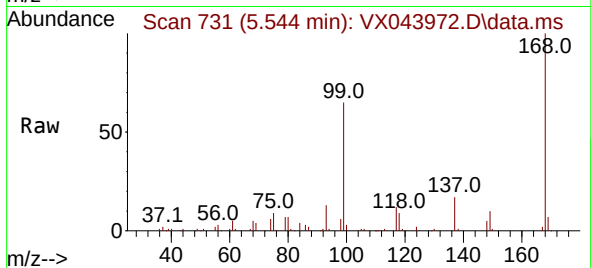
Tgt Ion: 75 Resp: 10490

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.347 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

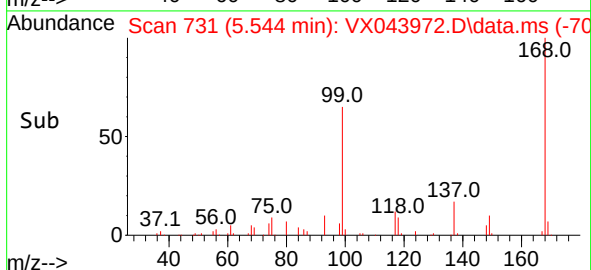
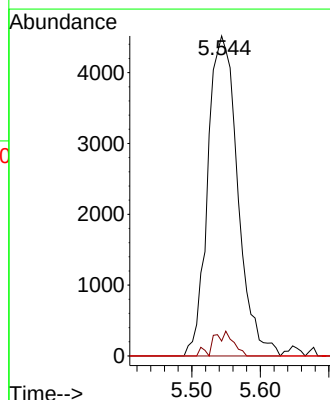
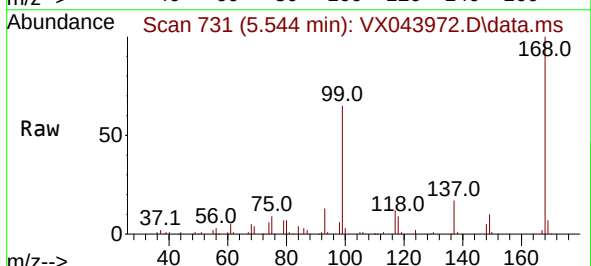
Tgt Ion: 117 Resp: 13731

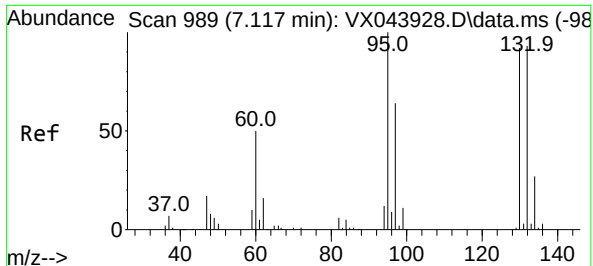
Ion Ratio Lower Upper

117 100

119 4.6 75.2 112.8#

121 0.0 24.5 36.7#

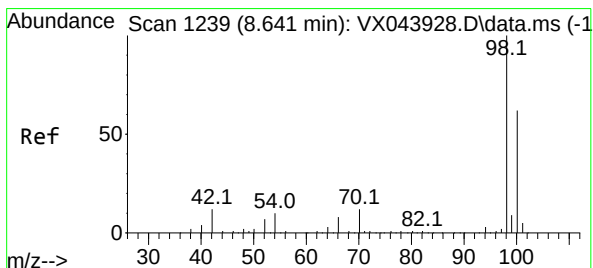
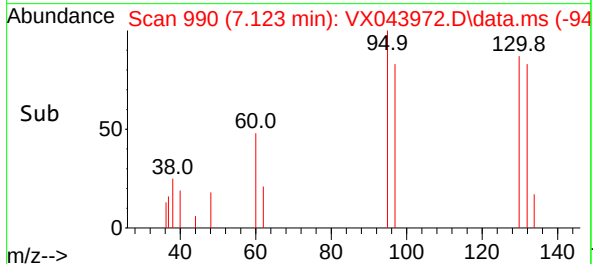
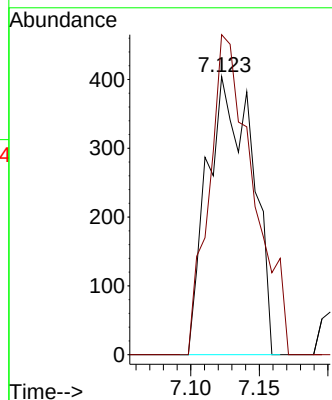
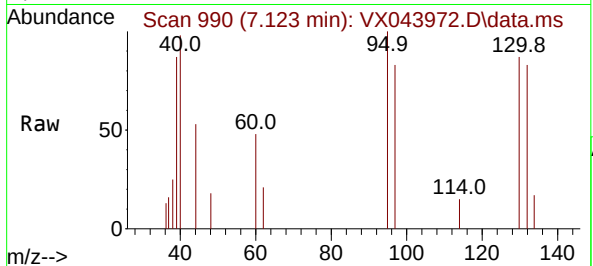




#44
Trichloroethene
Concen: 0.547 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

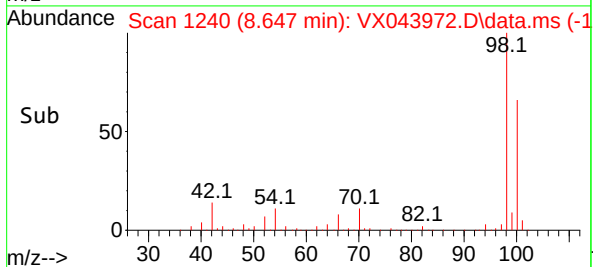
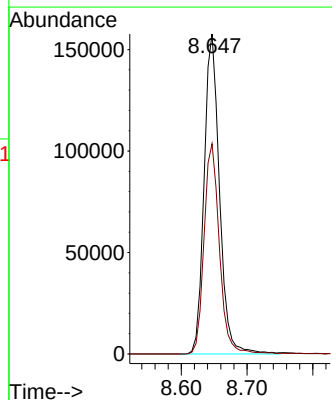
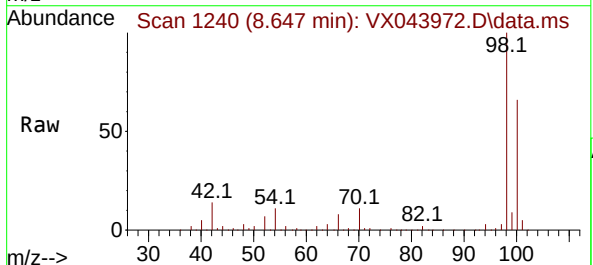
Instrument :
MSVOA_X
ClientSampleId :

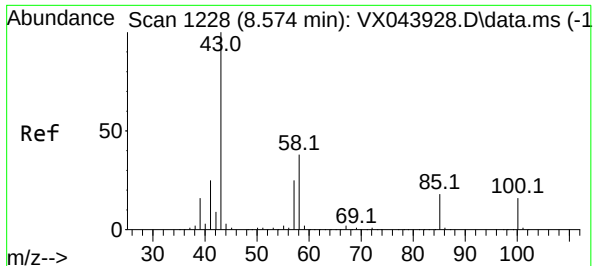
Tgt Ion:130 Resp: 928
Ion Ratio Lower Upper
130 100
95 115.1 0.0 217.8



#50
Toluene-d8
Concen: 48.174 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

Tgt Ion: 98 Resp: 256585
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 0.601 ug/l

RT: 8.647 min Scan# 1190

Delta R.T. 0.073 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

Instrument :

MSVOA_X

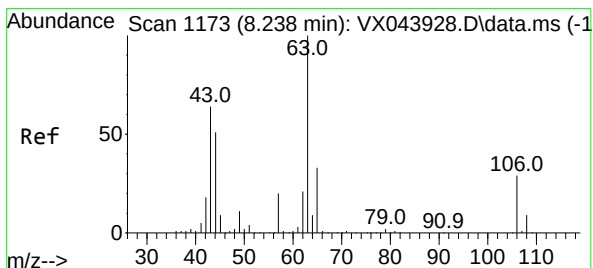
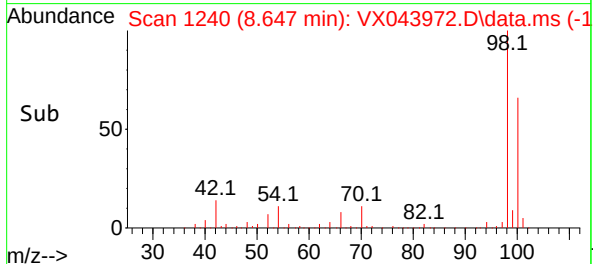
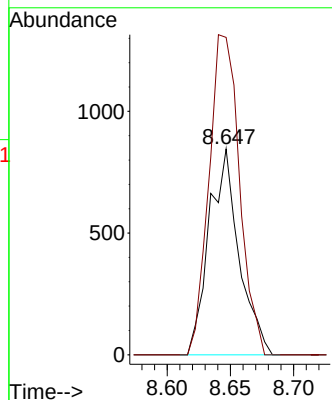
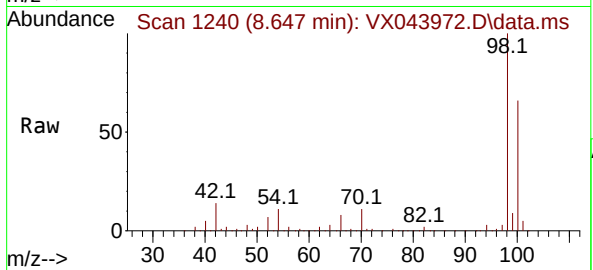
ClientSampleId :

Tgt Ion: 43 Resp: 1395

Ion Ratio Lower Upper

43 100

58 158.4 30.0 45.0#



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.342 min Scan# 1190

Delta R.T. 0.103 min

Lab File: VX043972.D

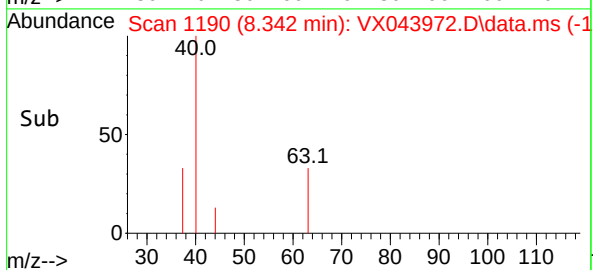
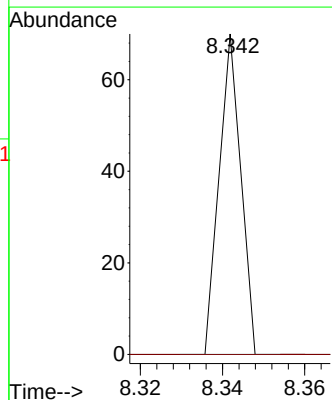
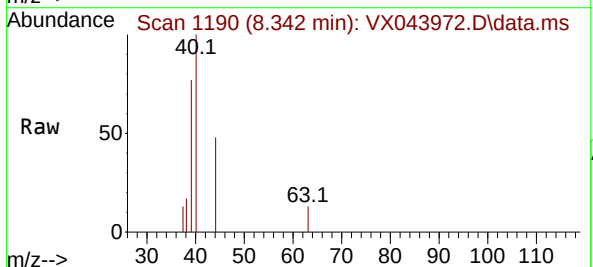
Acq: 22 Nov 2024 19:56

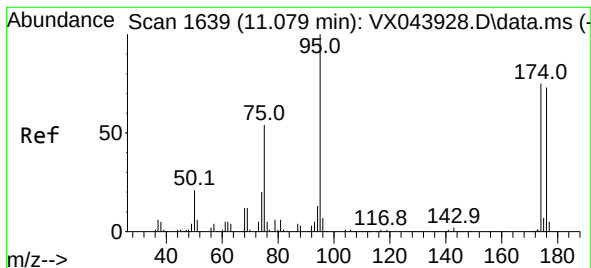
Tgt Ion: 63 Resp: 26

Ion Ratio Lower Upper

63 100

106 0.0 23.0 34.6#

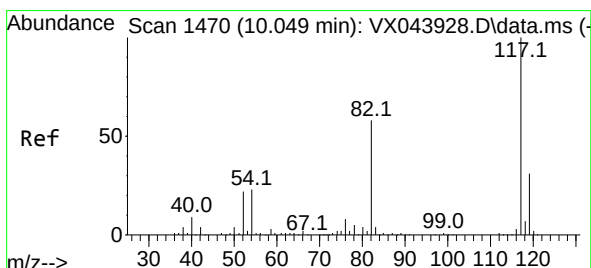
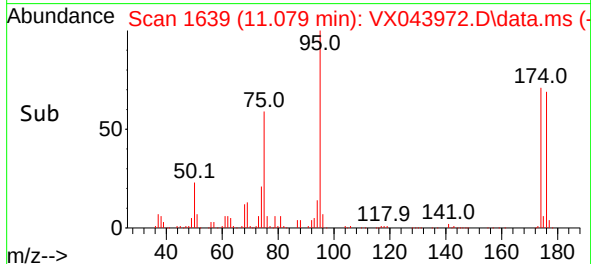
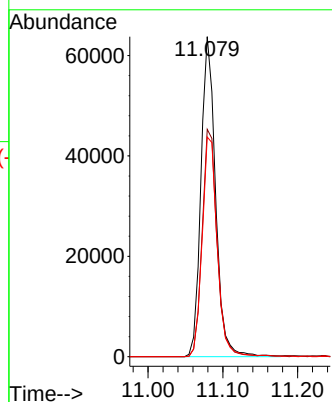
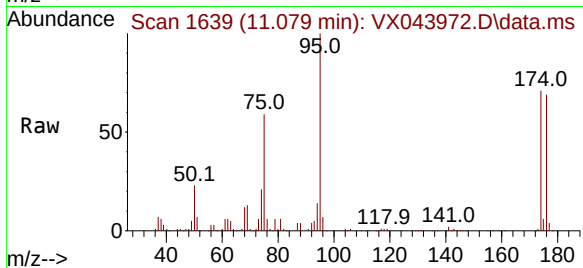




#62
4-Bromofluorobenzene
Concen: 47.733 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

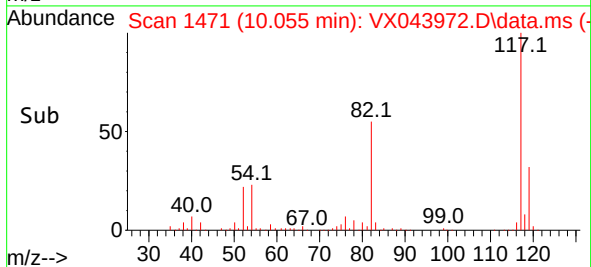
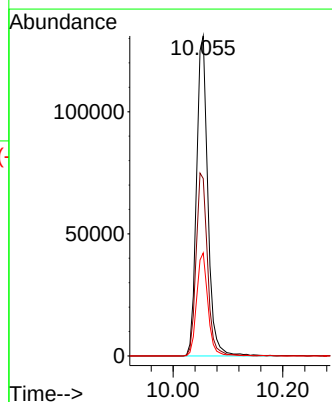
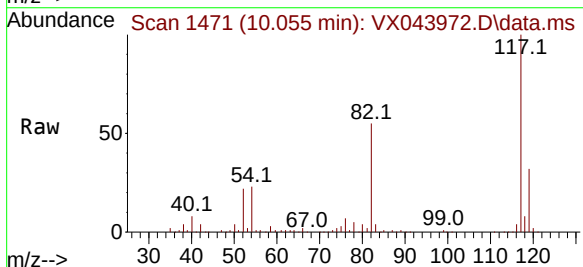
Instrument :
MSVOA_X
ClientSampleId :

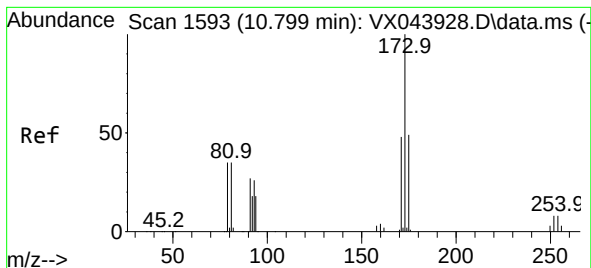
Tgt Ion: 95 Resp: 86524
Ion Ratio Lower Upper
95 100
174 71.9 0.0 150.4
176 70.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043972.D
Acq: 22 Nov 2024 19:56

Tgt Ion: 117 Resp: 188871
Ion Ratio Lower Upper
117 100
82 55.4 46.4 69.6
119 32.2 24.6 37.0





#71

Bromoform

Concen: 1.225 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

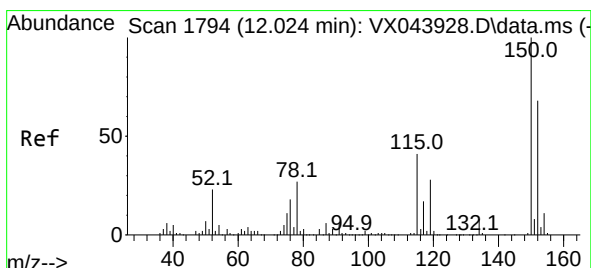
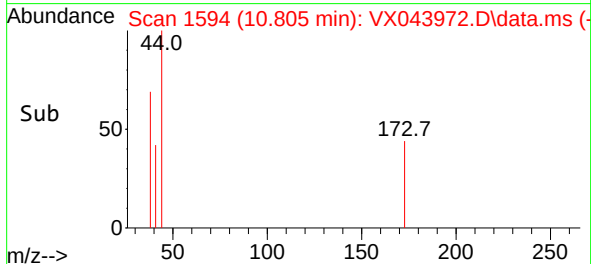
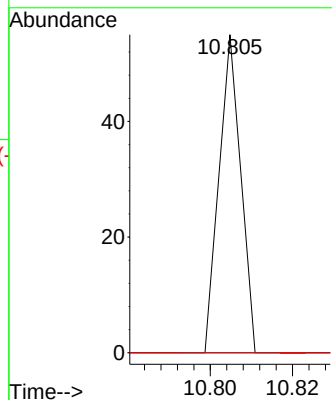
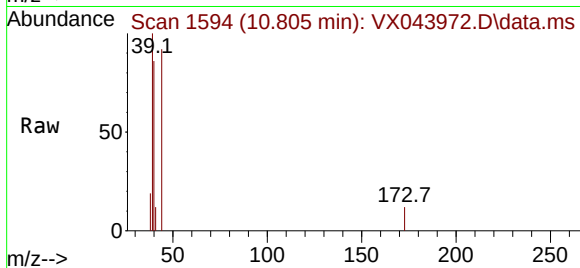
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173 Resp: 20

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

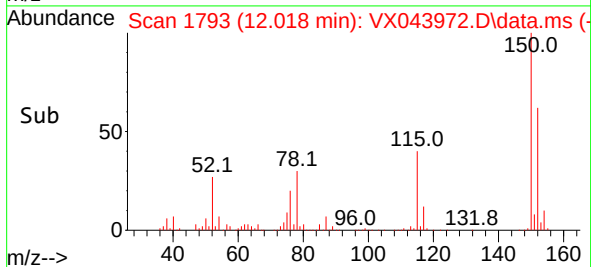
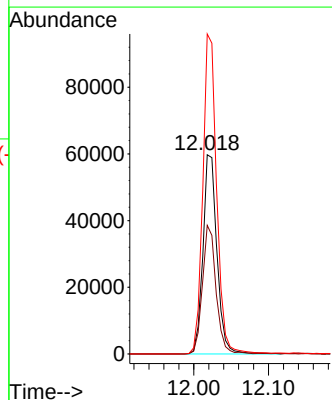
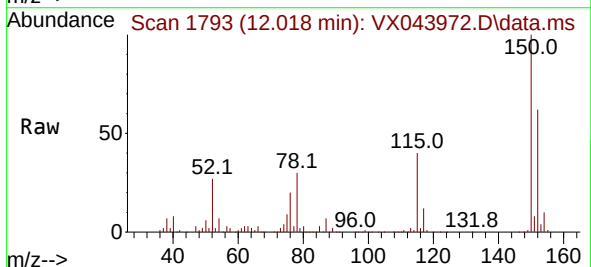
Delta R.T. -0.006 min

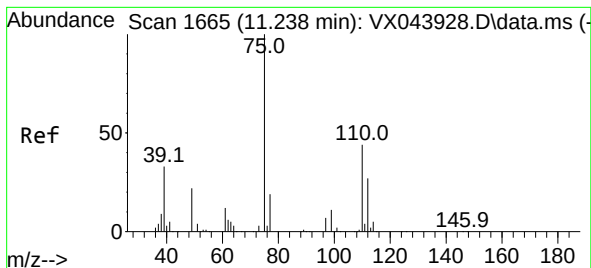
Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

Tgt Ion:152 Resp: 77834

Ion	Ratio	Lower	Upper
152	100		
115	62.7	45.4	136.2
150	159.1	0.0	353.0





#76

1,2,3-Trichloropropane

Concen: 28.757 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

Instrument :

MSVOA_X

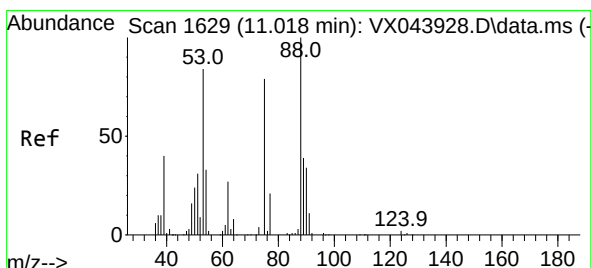
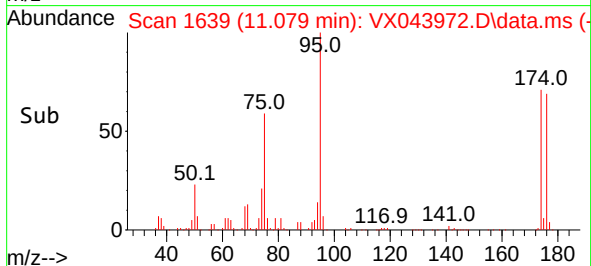
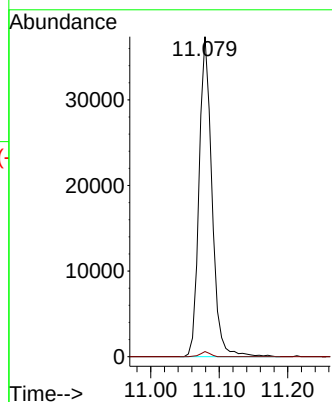
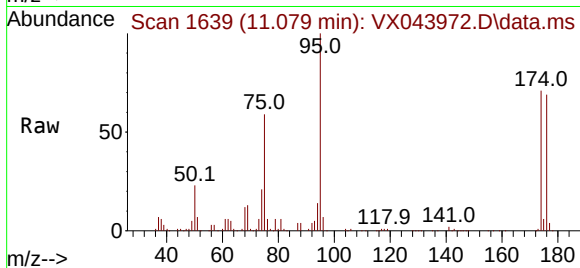
ClientSampleId :

Tgt Ion: 75 Resp: 49085

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.471 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043972.D

Acq: 22 Nov 2024 19:56

Tgt Ion: 75 Resp: 49085

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

