

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037072.D
 Acq On : 18 Aug 2023 10:18
 Operator : JC/MD
 Sample : VX0818WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 19 05:13:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

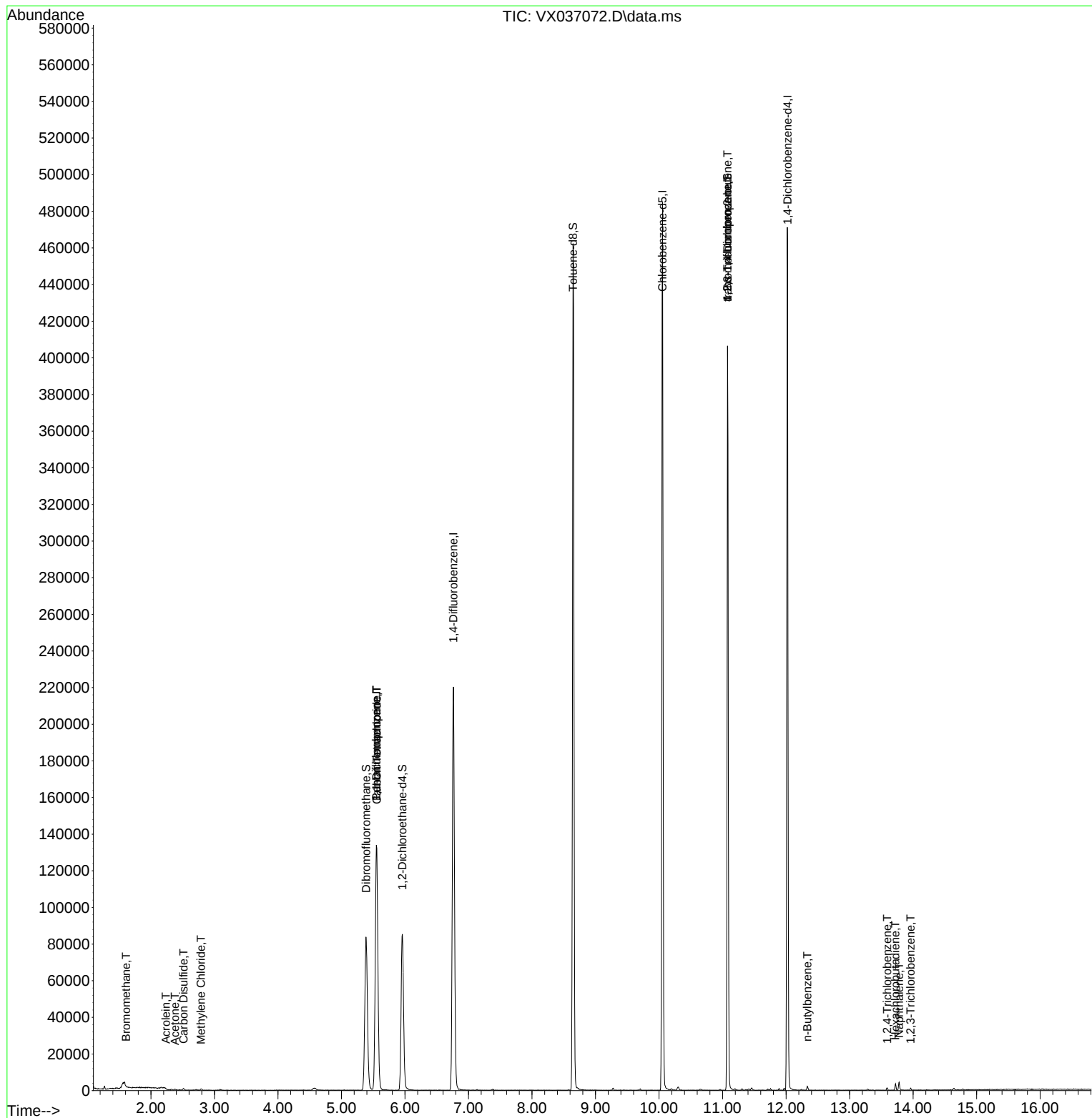
Internal Standards						
1) Pentafluorobenzene	5.550	168	125447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229790	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87622	48.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.385	113	73702	48.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	8.647	98	276460	50.081	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.160%
62) 4-Bromofluorobenzene	11.079	95	110314	50.850	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.700%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	262	0.379	ug/l	96
13) Acrolein	2.233	56	264	0.818	ug/l #	76
16) Acetone	2.379	43	619	0.875	ug/l	94
17) Carbon Disulfide	2.513	76	1198	0.365	ug/l #	95
20) Methylene Chloride	2.788	84	391	0.247	ug/l	90
36) 1,1-Dichloropropene	5.550	75	10142	4.691	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13860	5.901	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	57290	27.073	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57290	75.617	ug/l #	5
89) n-Butylbenzene	12.335	91	1005	0.210	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	450	0.238	ug/l	98
94) Hexachlorobutadiene	13.719	225	561	0.767	ug/l	95
95) Naphthalene	13.780	128	3429	0.414	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	383	0.204	ug/l	85

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

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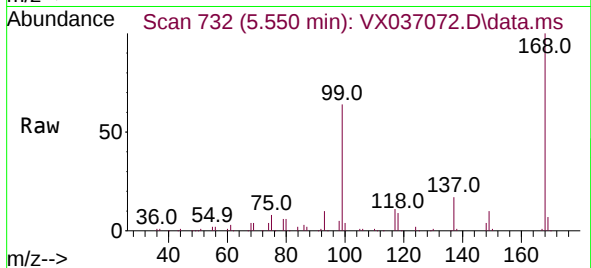
Quant Time: Aug 19 05:13:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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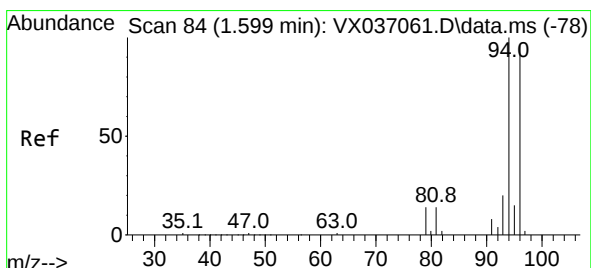
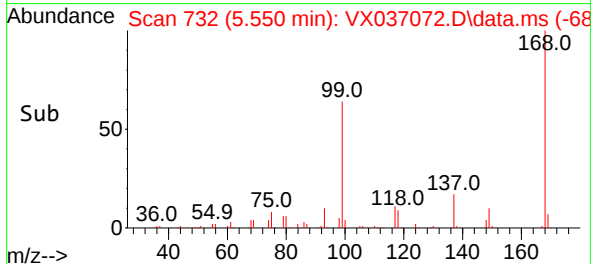
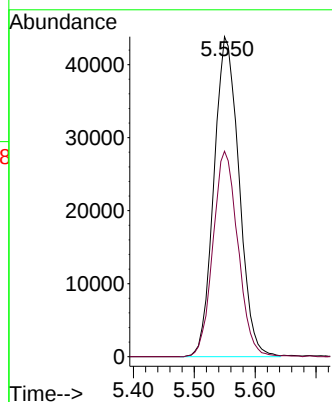


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :

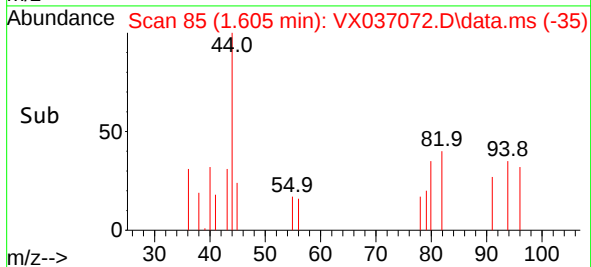
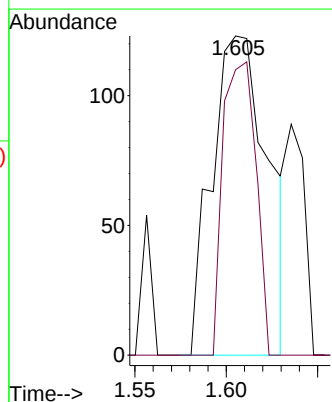
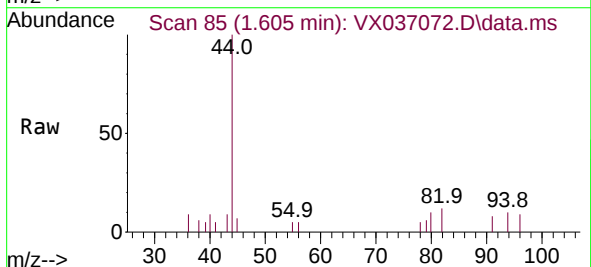


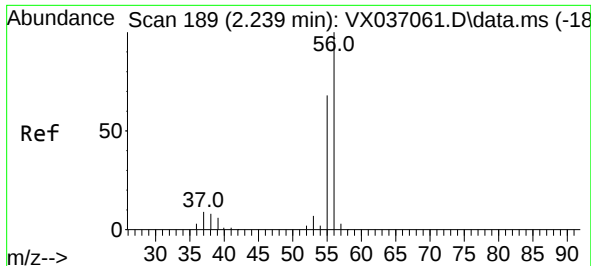
Tgt Ion:168 Resp: 125447
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0



#5
Bromomethane
Concen: 0.379 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

Tgt Ion: 94 Resp: 262
Ion Ratio Lower Upper
94 100
96 89.4 74.6 111.8





#13

Acrolein

Concen: 0.818 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

Instrument :

MSVOA_X

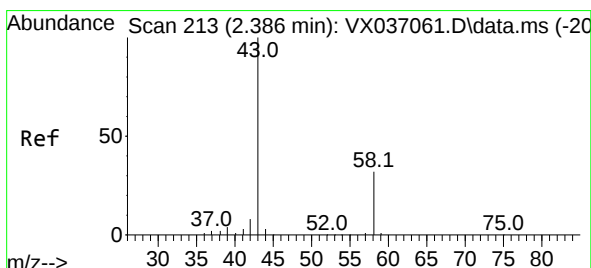
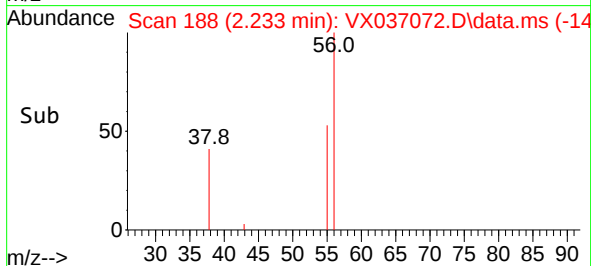
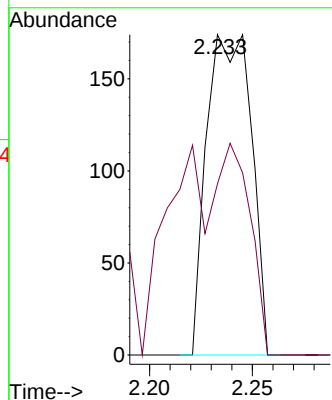
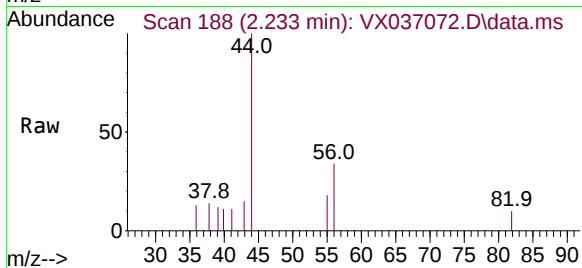
ClientSampleId :

Tgt Ion: 56 Resp: 264

Ion Ratio Lower Upper

56 100

55 51.1 57.1 85.7#



#16

Acetone

Concen: 0.875 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037072.D

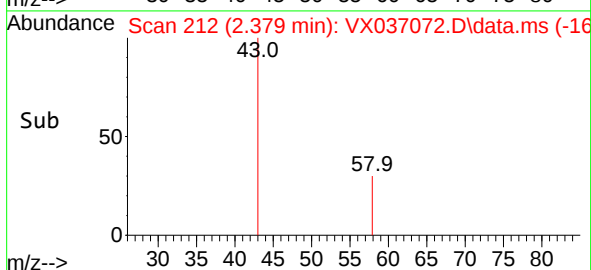
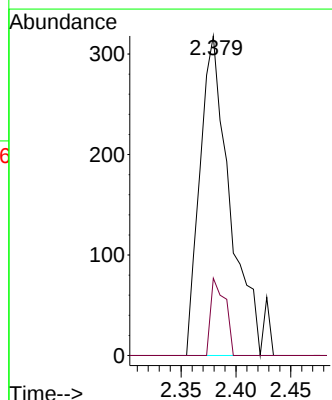
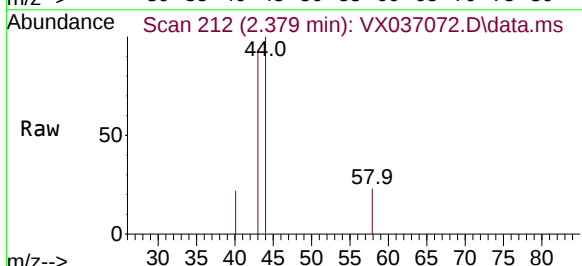
Acq: 18 Aug 2023 10:18

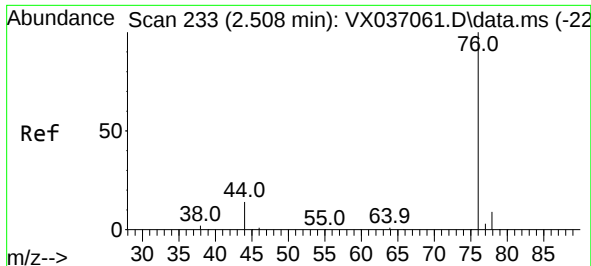
Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

43 100

58 24.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.365 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

Instrument :

MSVOA_X

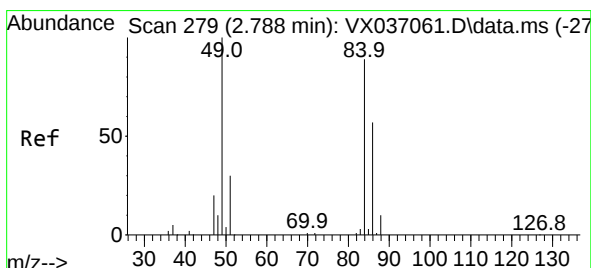
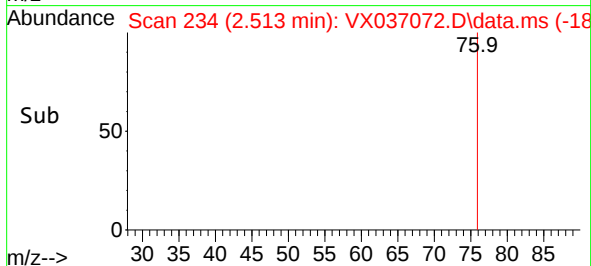
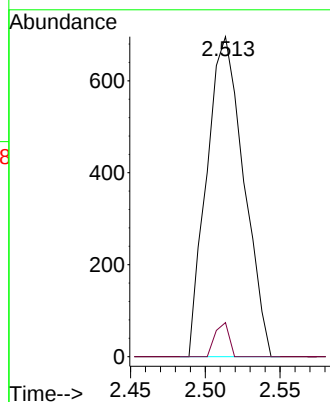
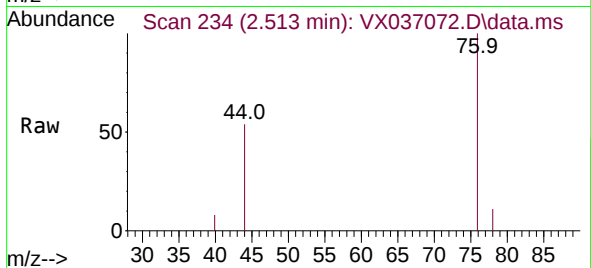
ClientSampleId :

Tgt Ion: 76 Resp: 1198

Ion Ratio Lower Upper

76 100

78 10.6 7.0 10.6#



#20

Methylene Chloride

Concen: 0.247 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

Tgt Ion: 84 Resp: 391

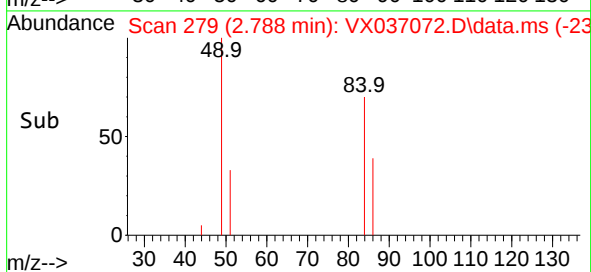
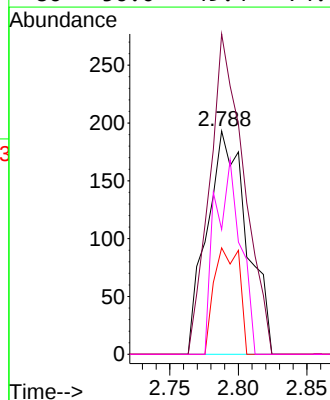
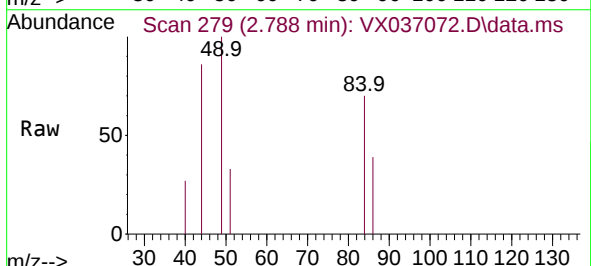
Ion Ratio Lower Upper

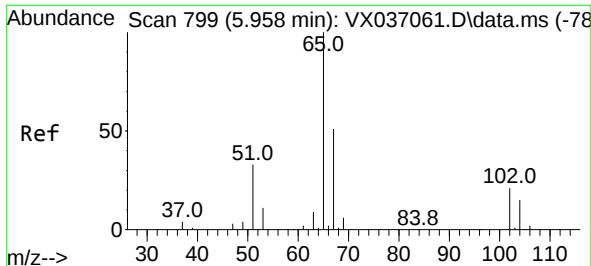
84 100

49 143.5 103.6 155.4

51 47.7 33.8 50.6

86 56.0 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 48.449 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

Instrument :

MSVOA_X

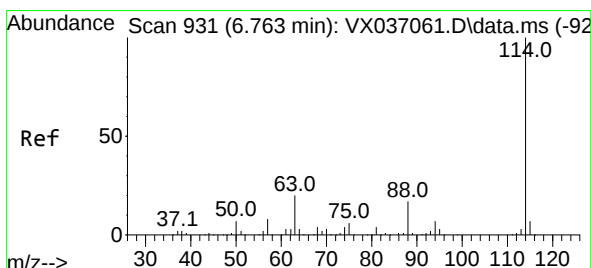
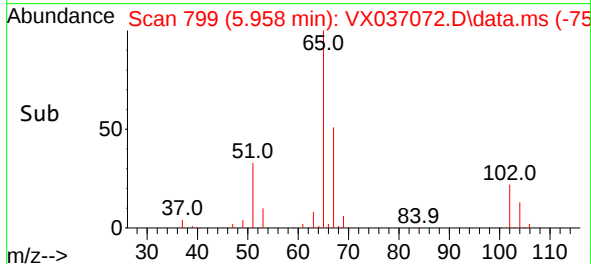
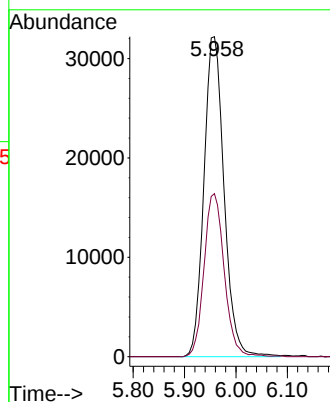
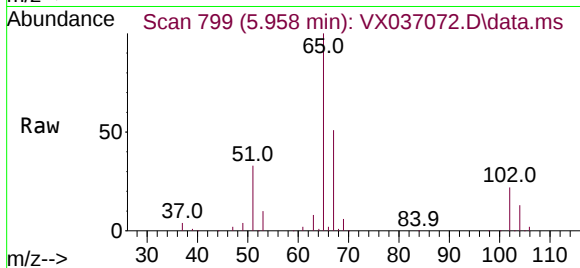
ClientSampleId :

Tgt Ion: 65 Resp: 87622

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

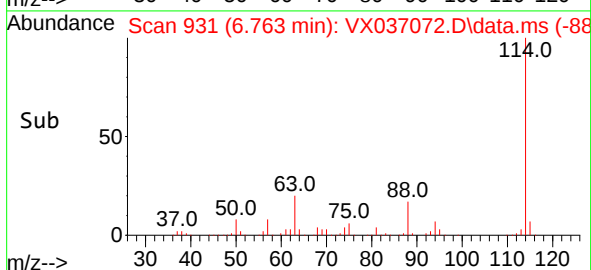
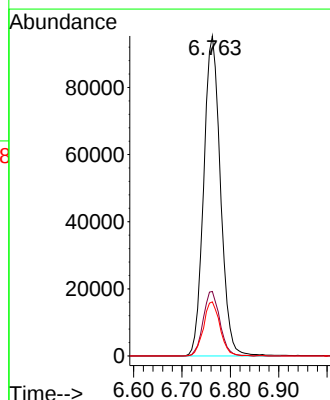
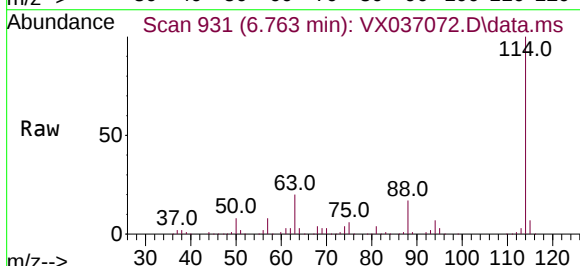
Tgt Ion: 114 Resp: 229790

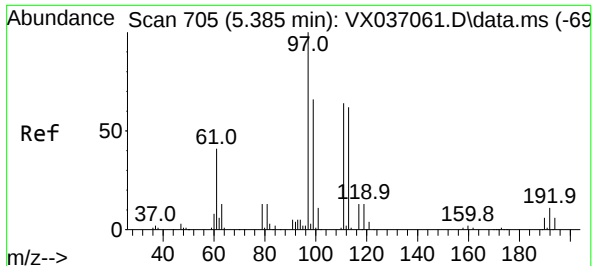
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.429 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

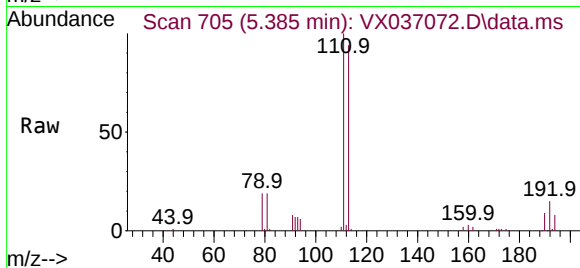
Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

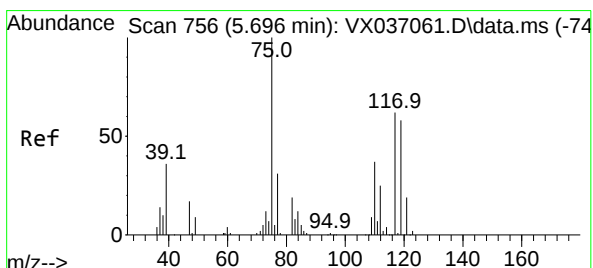
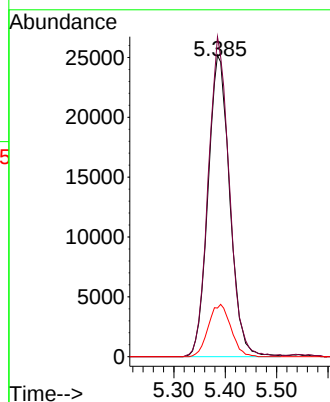
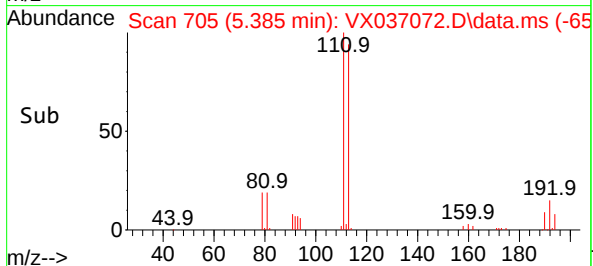
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	73702
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	18.0	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.691 ug/l

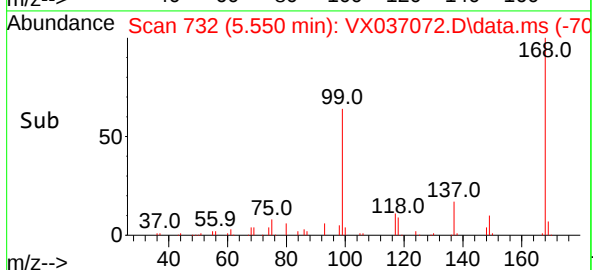
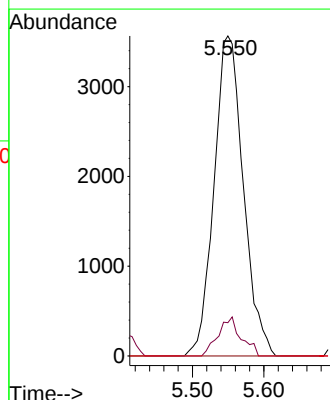
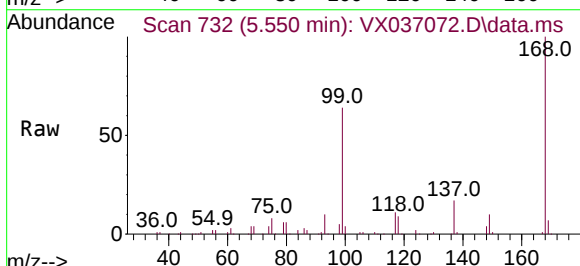
RT: 5.550 min Scan# 732

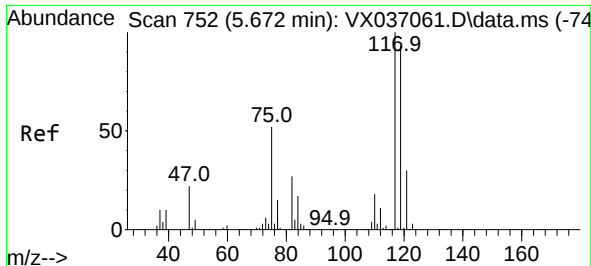
Delta R.T. -0.147 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

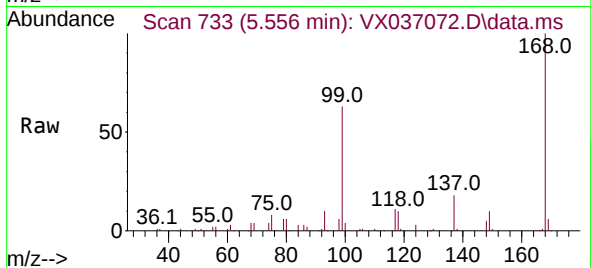
Tgt Ion:	75	Resp:	10142
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.0	50.9#
77	0.0	24.7	37.1#



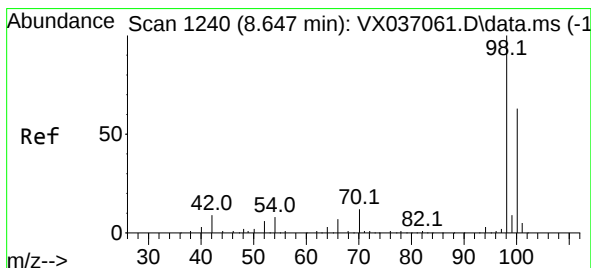
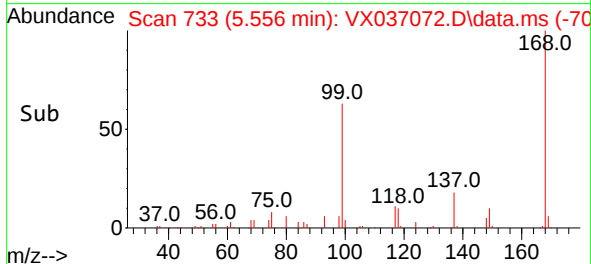
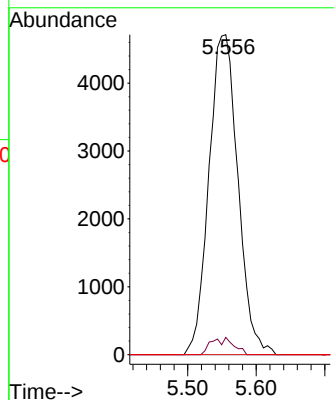


#38
Carbon Tetrachloride
Concen: 5.901 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :

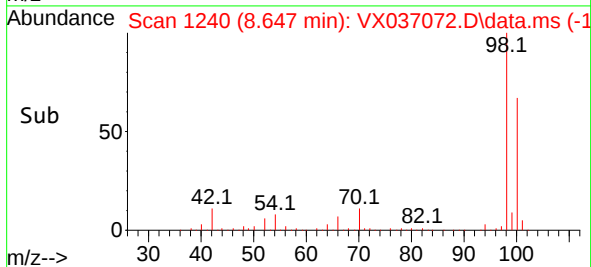
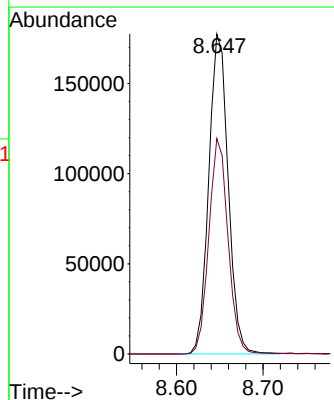
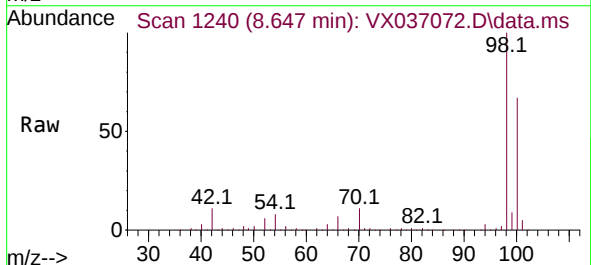


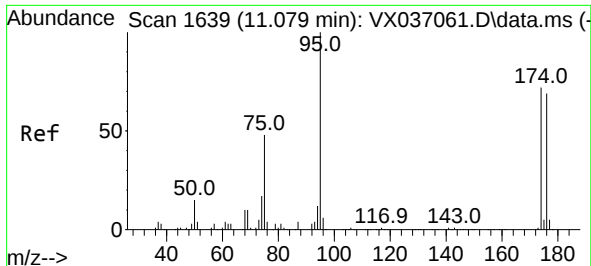
Tgt Ion:117 Resp: 13860
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.081 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

Tgt Ion: 98 Resp: 276460
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.850 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

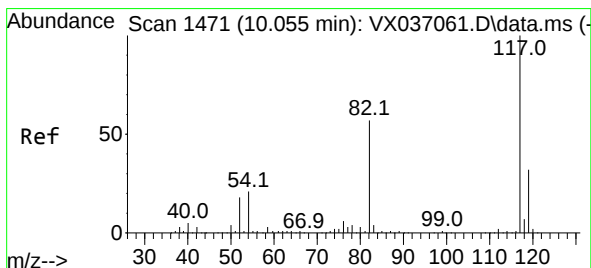
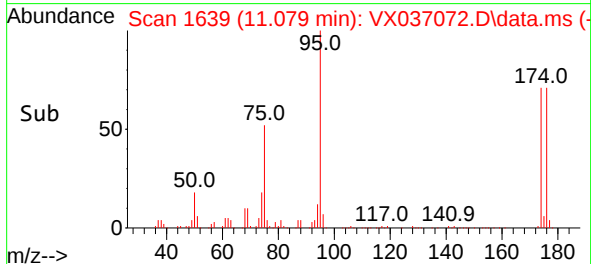
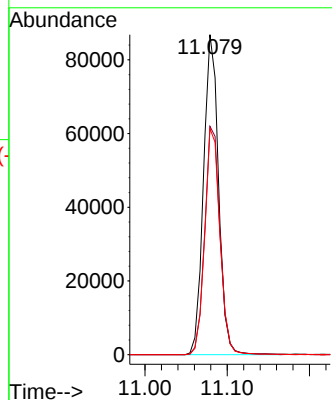
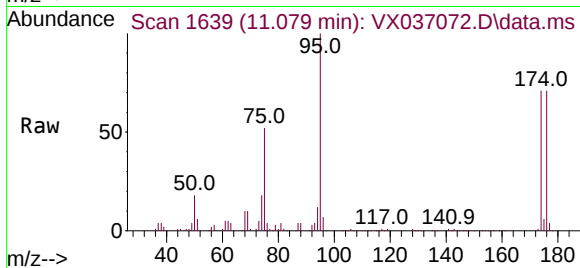
Tgt Ion: 95 Resp: 110314

Ion Ratio Lower Upper

95 100

174 72.7 0.0 135.6

176 71.2 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

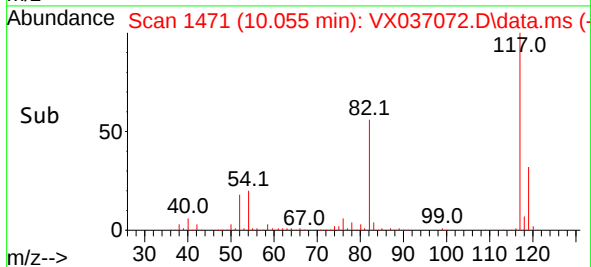
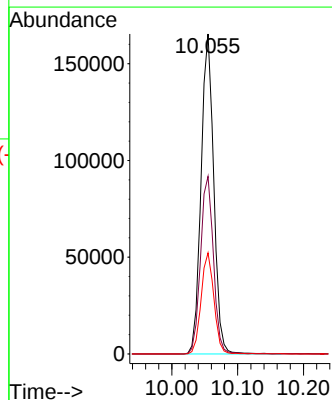
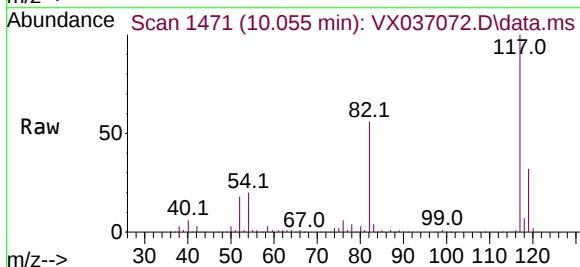
Tgt Ion: 117 Resp: 221619

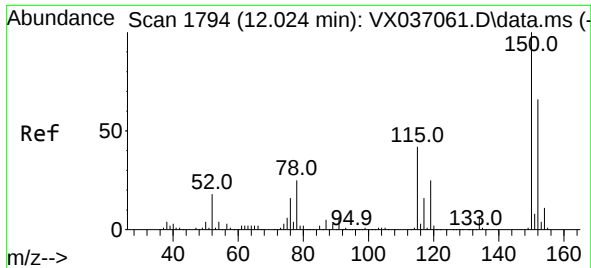
Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

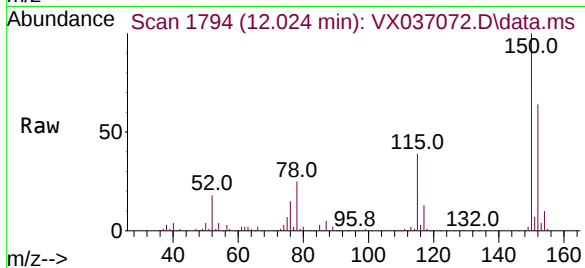
119 31.6 25.5 38.3



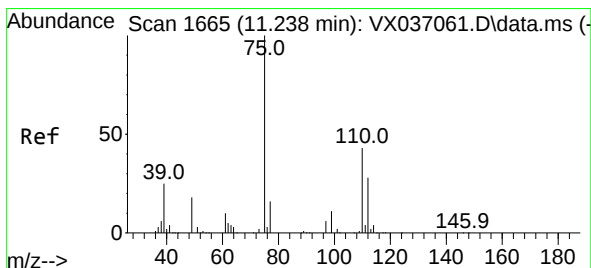
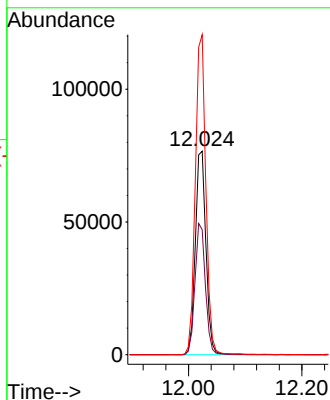
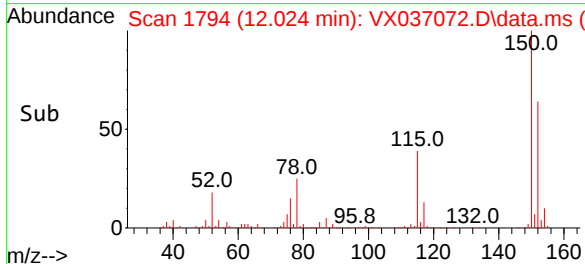


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

Instrument :
MSVOA_X
ClientSampleId :

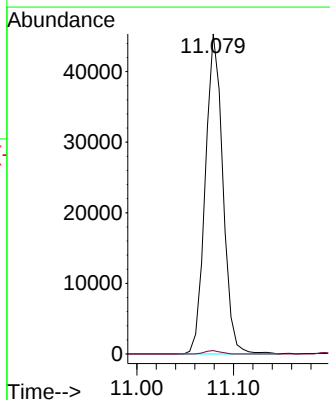
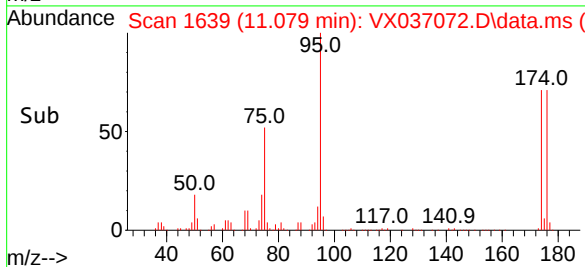
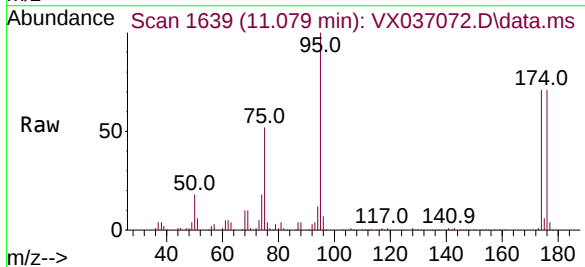


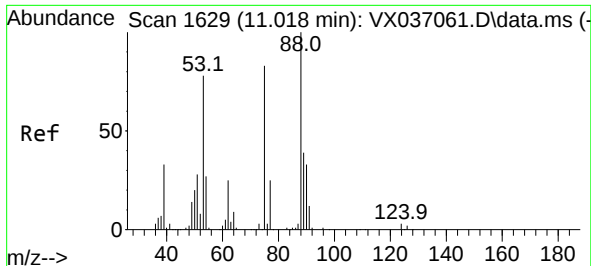
Tgt Ion:152 Resp: 99363
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 155.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

Tgt Ion: 75 Resp: 57290
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

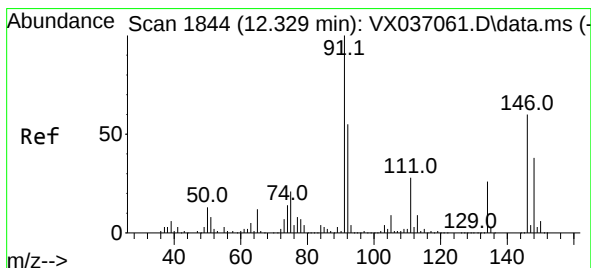
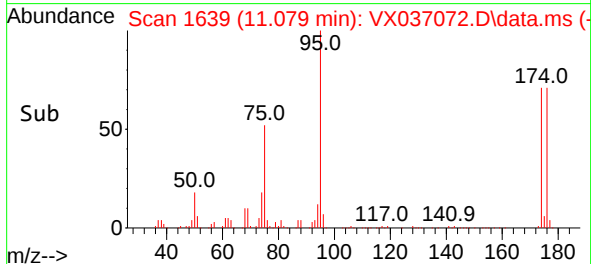
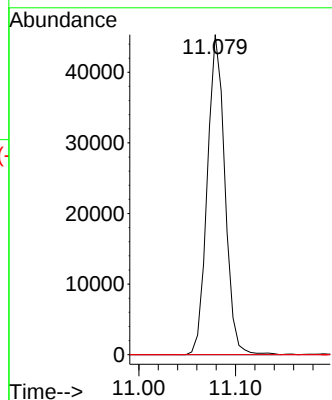
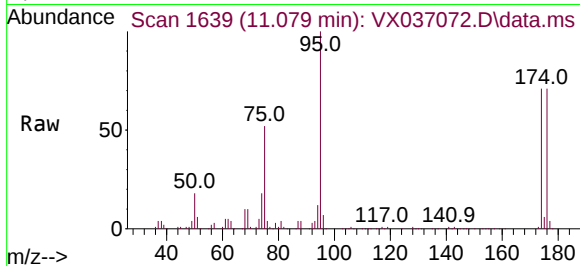




#81
trans-1,4-Dichloro-2-butene
Concen: 75.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

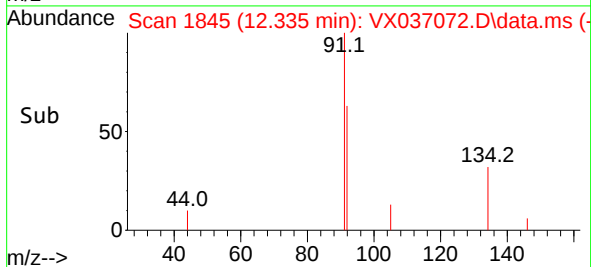
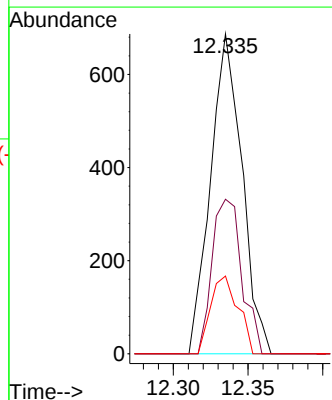
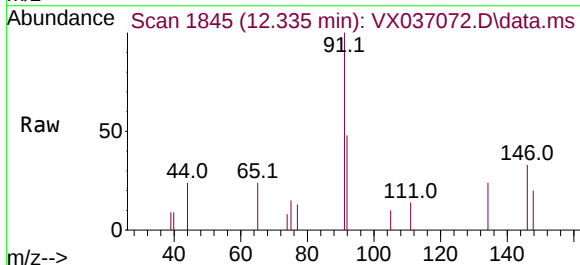
Instrument :
MSVOA_X
ClientSampleId :

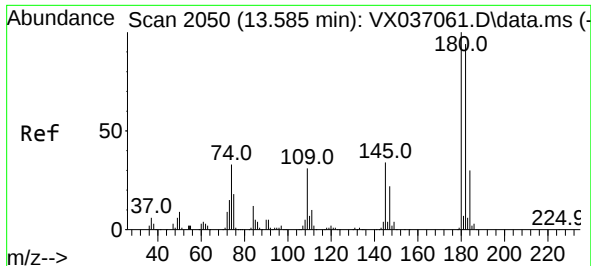
Tgt Ion: 75 Resp: 57290
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.210 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

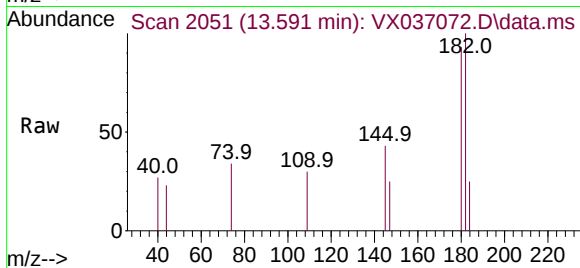
Tgt Ion: 91 Resp: 1005
Ion Ratio Lower Upper
91 100
92 45.6 27.4 82.0
134 21.3 12.6 37.8



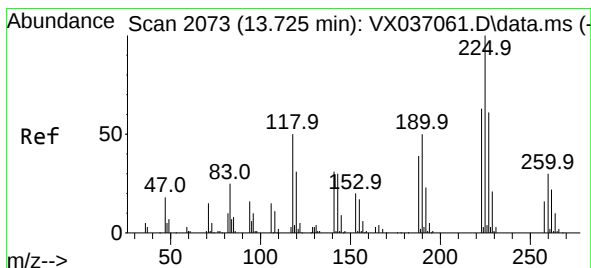
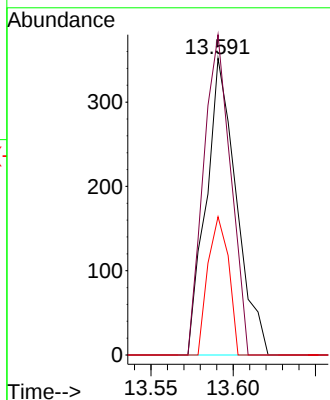
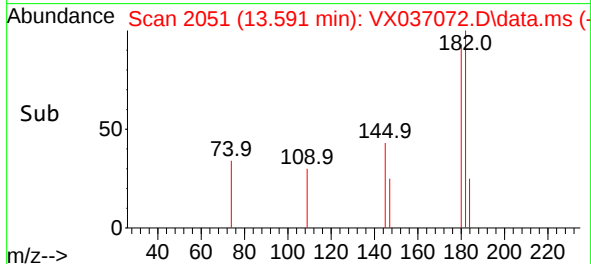


#93
1,2,4-Trichlorobenzene
Concen: 0.238 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18

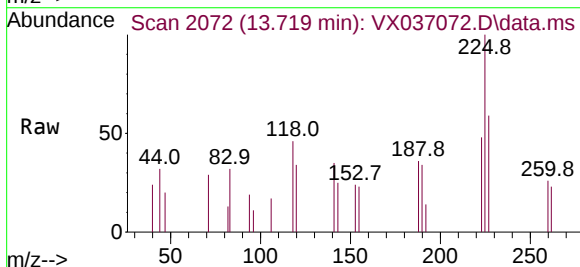
Instrument :
MSVOA_X
ClientSampleId :



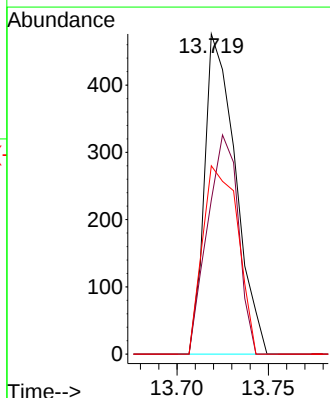
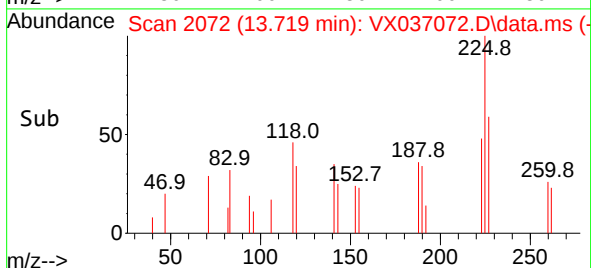
Tgt Ion:180 Resp: 450
Ion Ratio Lower Upper
180 100
182 96.9 48.3 144.8
145 31.8 18.0 54.0

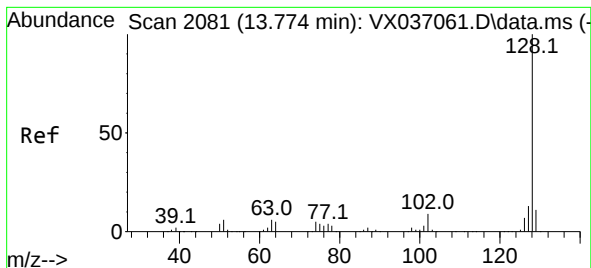


#94
Hexachlorobutadiene
Concen: 0.767 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX037072.D
Acq: 18 Aug 2023 10:18



Tgt Ion:225 Resp: 561
Ion Ratio Lower Upper
225 100
223 68.1 31.1 93.2
227 66.8 32.5 97.5





#95

Naphthalene

Concen: 0.414 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

Instrument :

MSVOA_X

ClientSampleId :

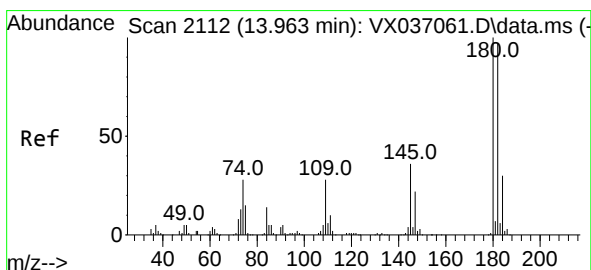
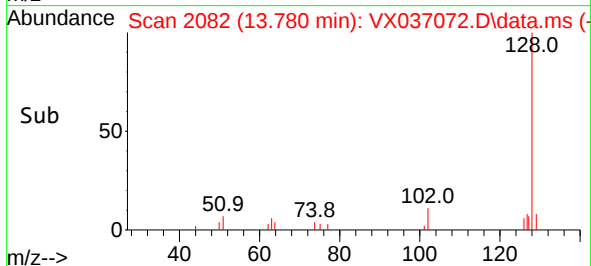
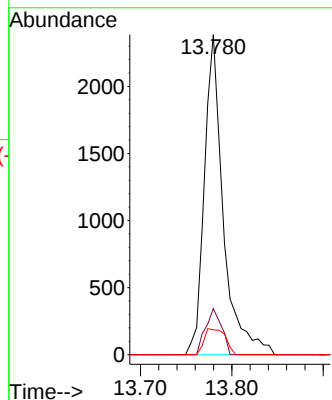
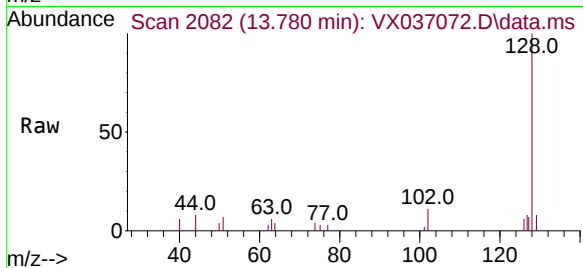
Tgt Ion:128 Resp: 3429

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 8.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.204 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037072.D

Acq: 18 Aug 2023 10:18

Tgt Ion:180 Resp: 383

Ion Ratio Lower Upper

180 100

182 79.4 46.9 140.6

145 26.1 17.8 53.5

