

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031073.D
 Acq On : 02 Sep 2022 17:35
 Operator : JC/MD
 Sample : N4281-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 00:50:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

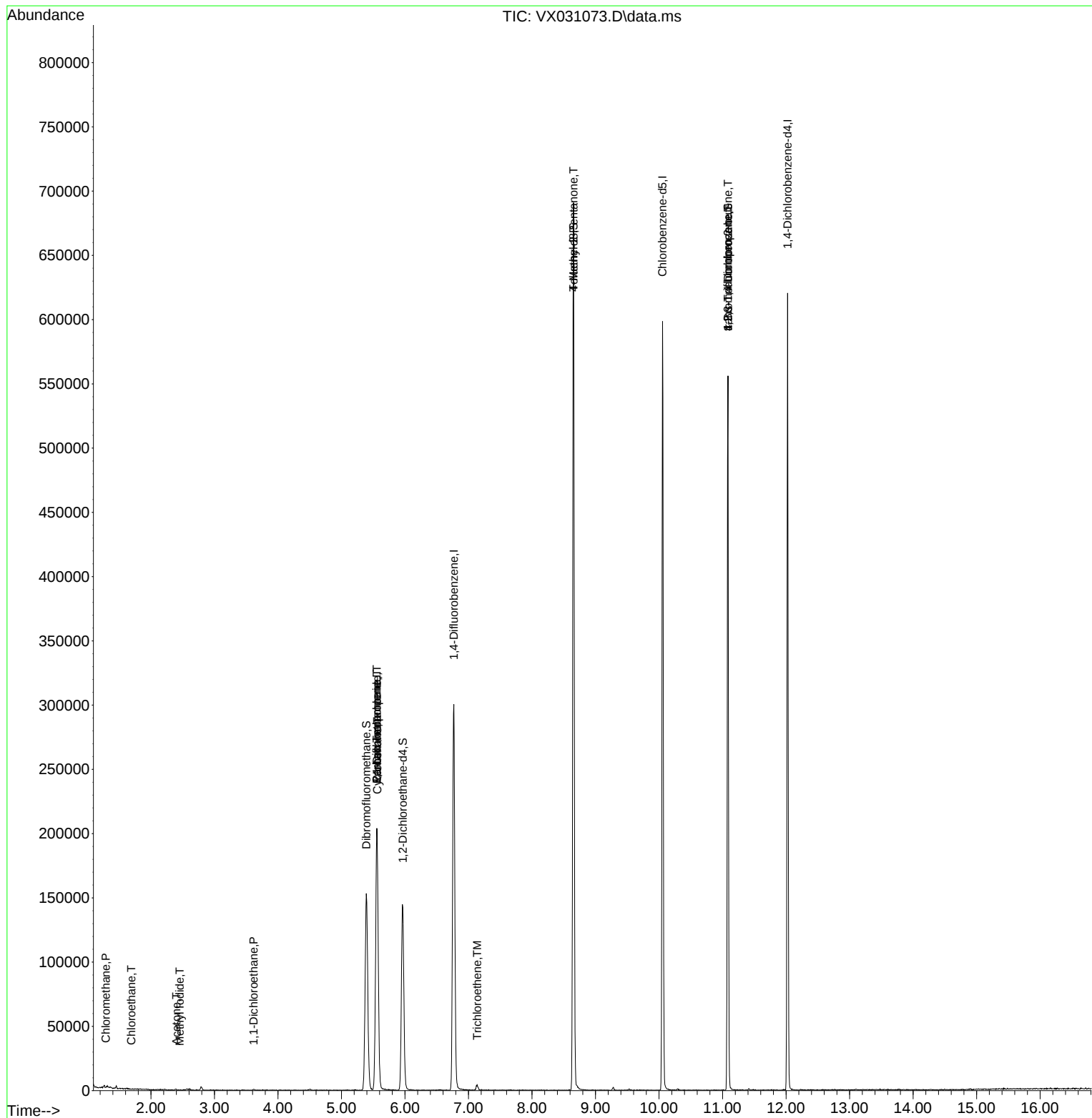
Internal Standards						
1) Pentafluorobenzene	5.556	168	208543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144635	53.902	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.800%	
35) Dibromofluoromethane	5.391	113	139429	55.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.560%	
50) Toluene-d8	8.653	98	443643	48.227	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	11.085	95	146286	45.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	217	0.805	ug/l #	42
6) Chloroethane	1.691	64	147	1.826	ug/l #	41
10) Methyl Iodide	2.453	142	115	2.953	ug/l #	45
16) Acetone	2.398	43	894	0.863	ug/l #	60
20) Methylene Chloride	2.794	84	1401	Below Cal		86
24) 1,1-Dichloroethane	3.617	63	883	0.202	ug/l #	82
31) Cyclohexane	5.562	56	3139	0.856	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13773	3.934	ug/l #	48
38) Carbon Tetrachloride	5.556	117	19448	5.352	ug/l #	18
44) Trichloroethene	7.135	130	1850	0.581	ug/l	72
51) 4-Methyl-2-Pentanone	8.653	43	1617	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	70745	21.828	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	70745	68.601	ug/l #	12

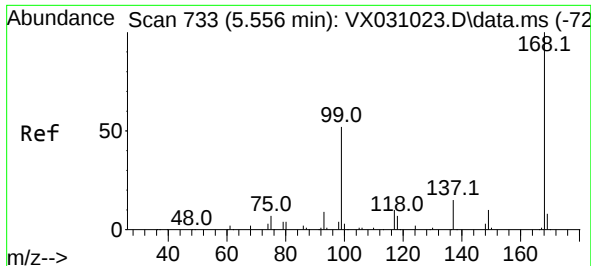
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

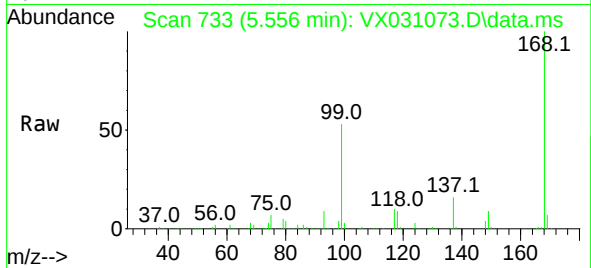
Lab File: VX031073.D

Acq: 02 Sep 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

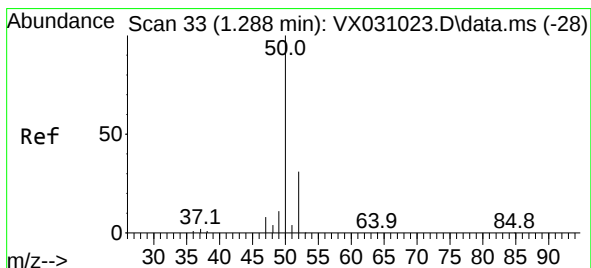
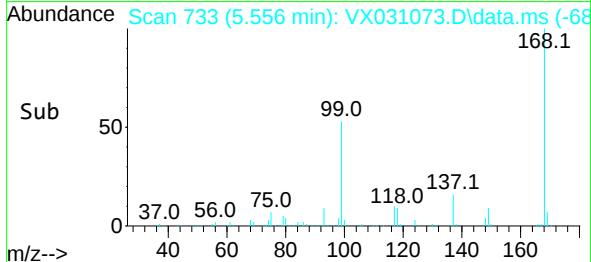
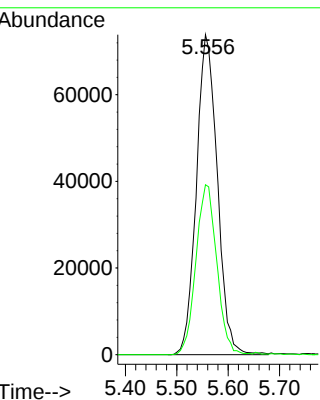


Tgt Ion:168 Resp: 208543

Ion Ratio Lower Upper

168 100

99 53.1 44.0 66.0



#3

Chloromethane

Concen: 0.805 ug/l

RT: 1.288 min Scan# 33

Delta R.T. 0.000 min

Lab File: VX031073.D

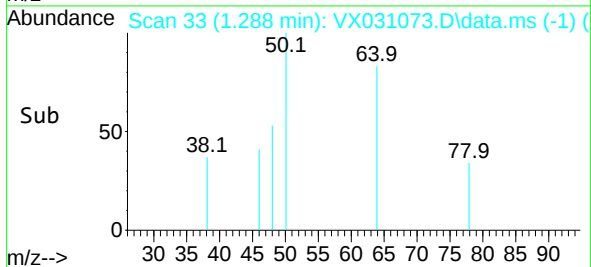
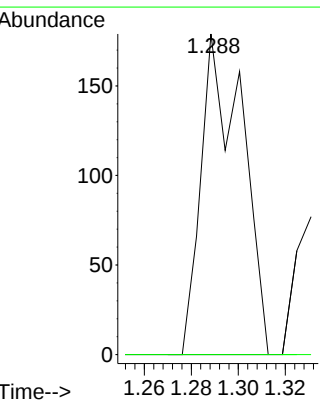
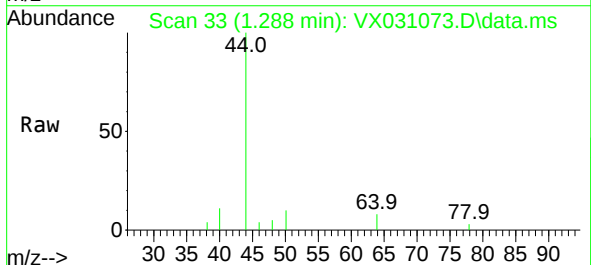
Acq: 02 Sep 2022 17:35

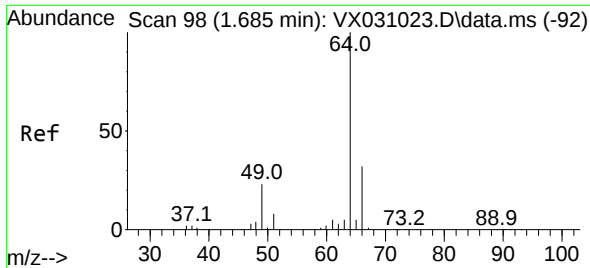
Tgt Ion: 50 Resp: 217

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#

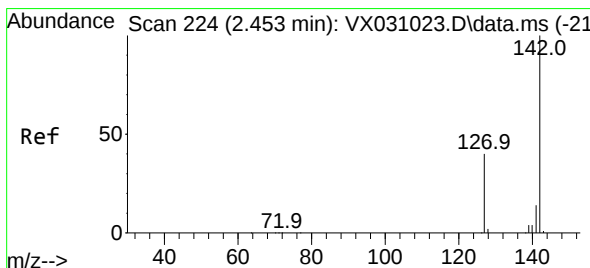
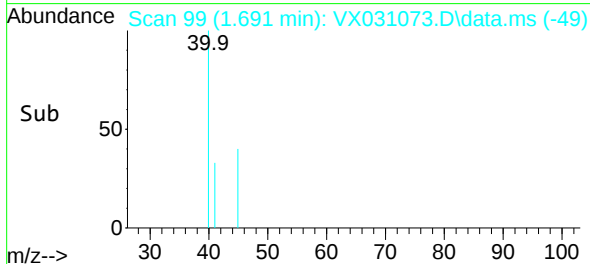
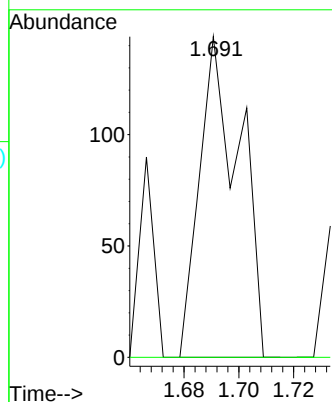
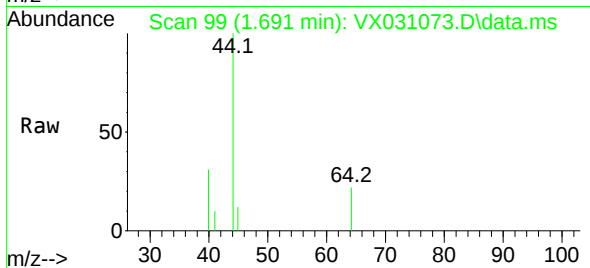




#6
Chloroethane
Concen: 1.826 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

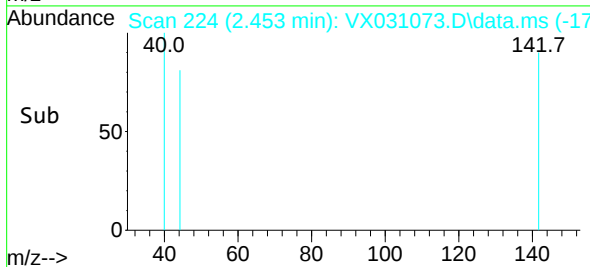
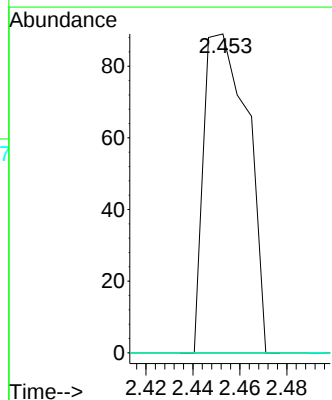
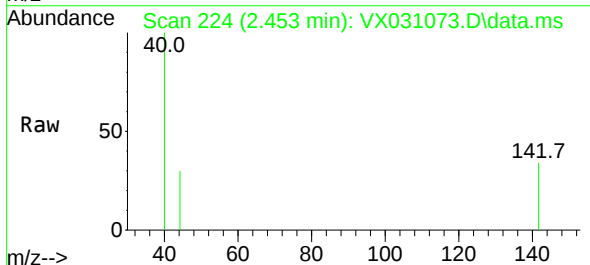
Instrument :
MSVOA_X
ClientSampleId :

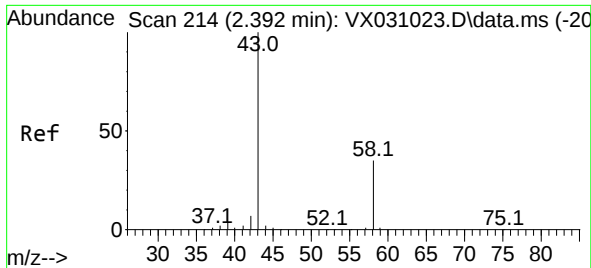
Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.953 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

Tgt Ion: 142 Resp: 115
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

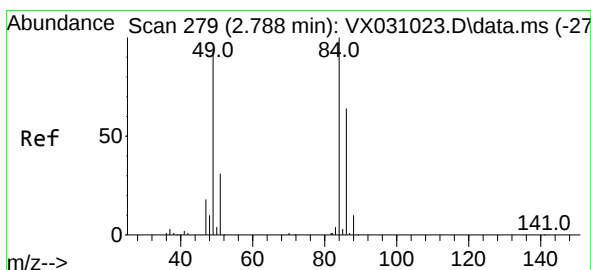
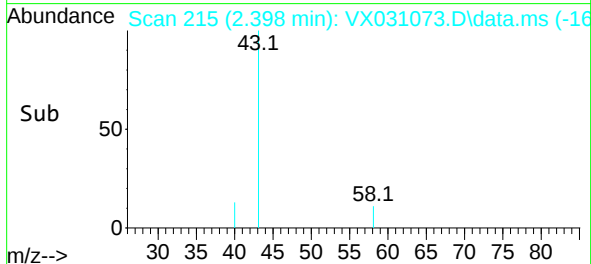
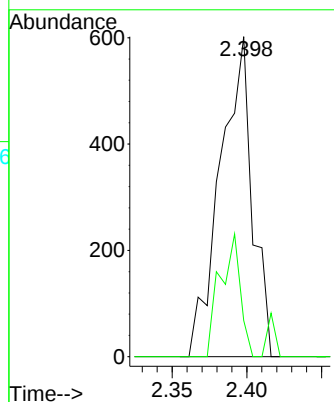
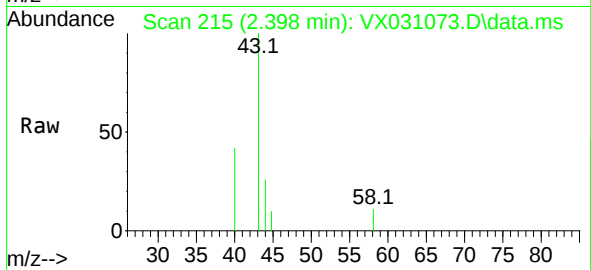




#16
Acetone
Concen: 0.863 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

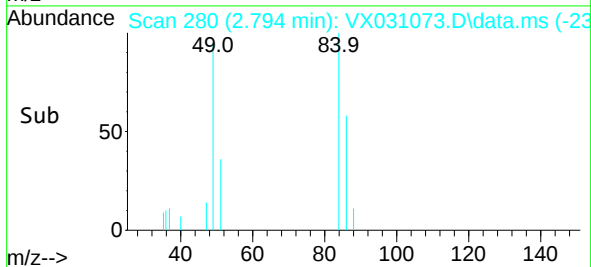
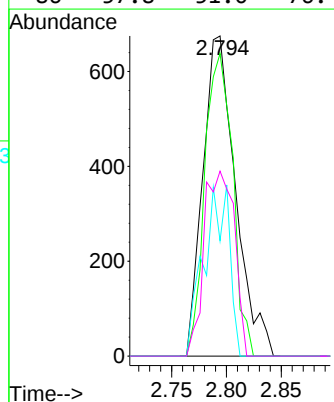
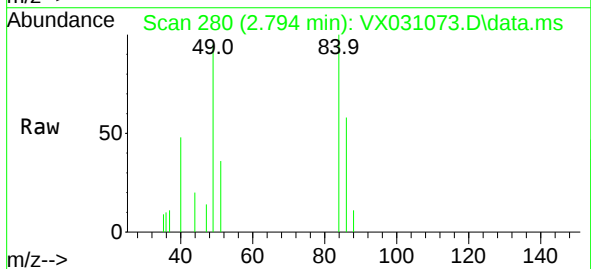
Instrument :
MSVOA_X
ClientSampleId :

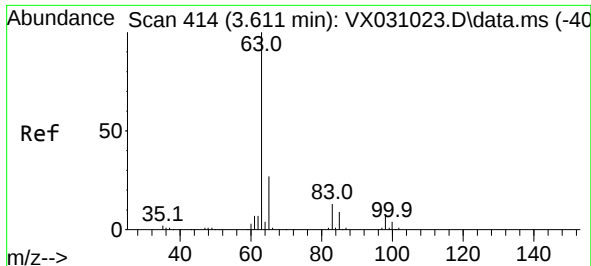
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 11.3 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

Tgt Ion: 84 Resp: 1401
Ion Ratio Lower Upper
84 100
49 94.5 93.8 140.6
51 36.0 29.4 44.0
86 57.8 51.0 76.4

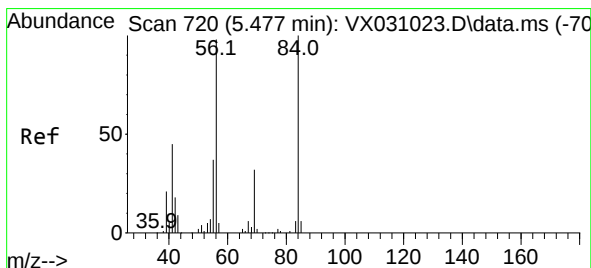
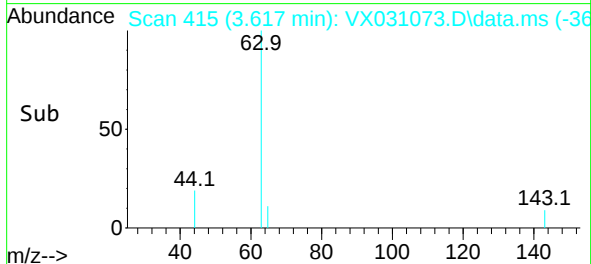
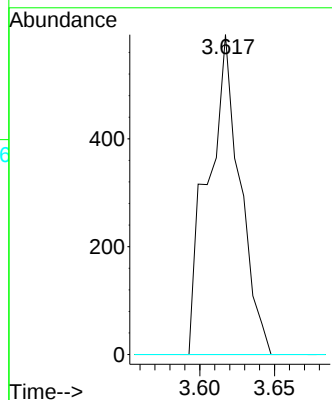
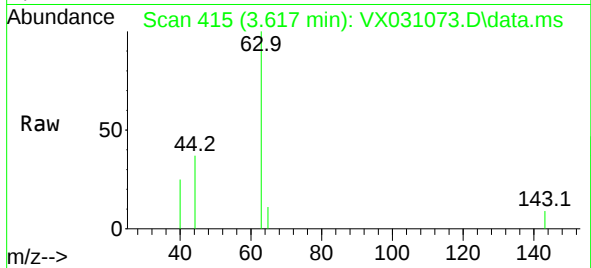




#24
1,1-Dichloroethane
Concen: 0.202 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

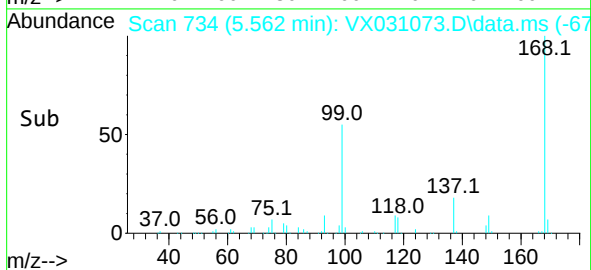
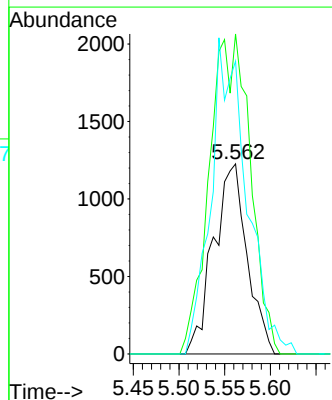
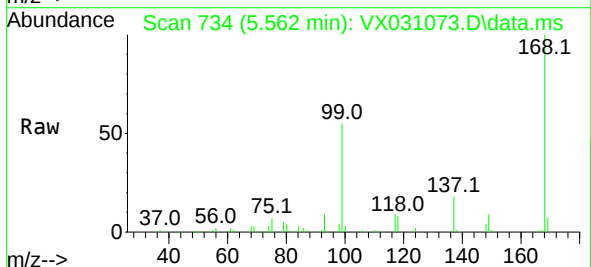
Instrument :
MSVOA_X
ClientSampleId :

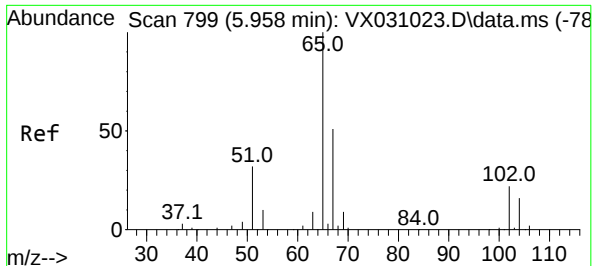
Tgt Ion: 63 Resp: 883
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.3 6.9#



#31
Cyclohexane
Concen: 0.856 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

Tgt Ion: 56 Resp: 3139
Ion Ratio Lower Upper
56 100
69 168.3 25.4 38.0#
84 154.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.902 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX031073.D

Acq: 02 Sep 2022 17:35

Instrument :

MSVOA_X

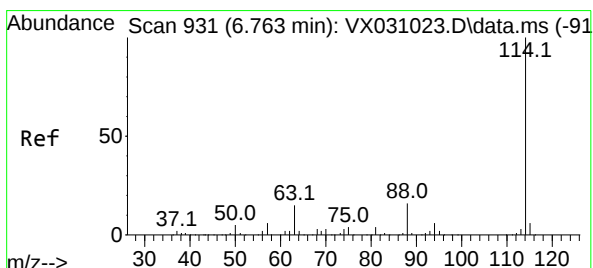
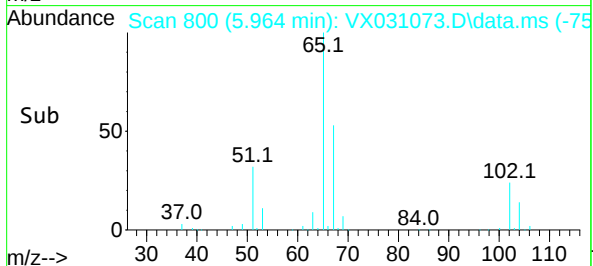
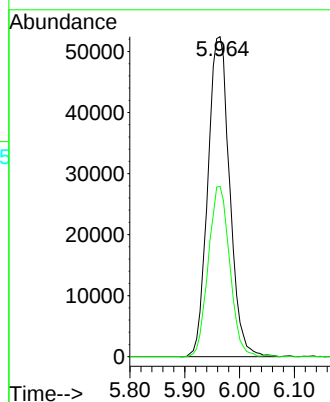
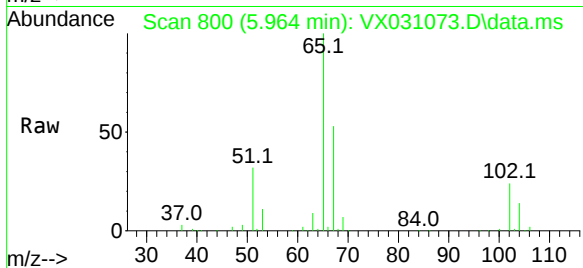
ClientSampleId :

Tgt Ion: 65 Resp: 144635

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031073.D

Acq: 02 Sep 2022 17:35

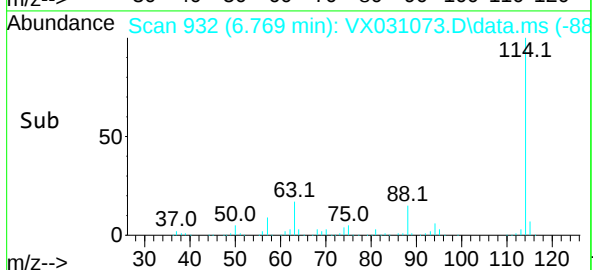
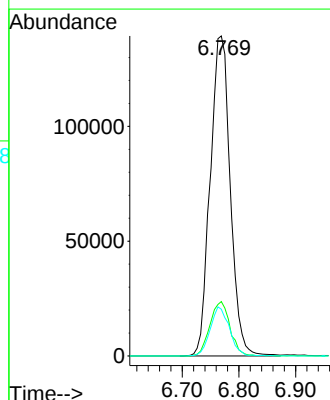
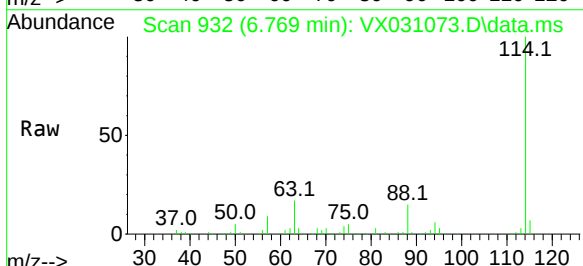
Tgt Ion: 114 Resp: 342506

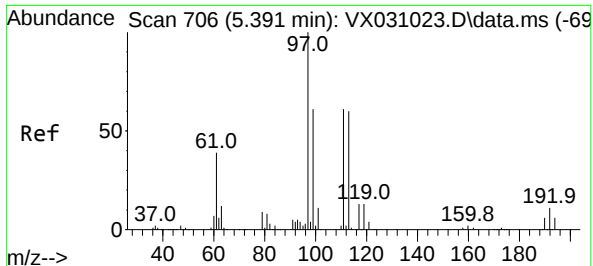
Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

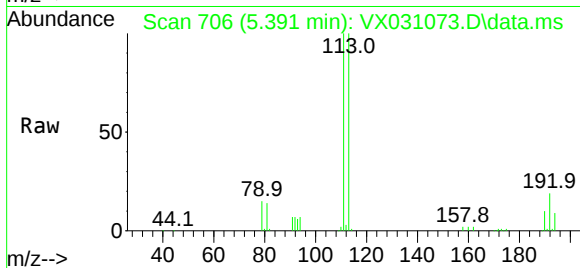
88 14.6 0.0 31.8



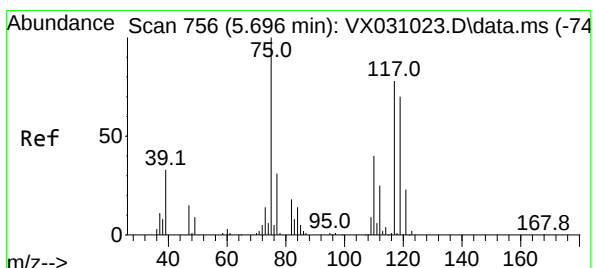
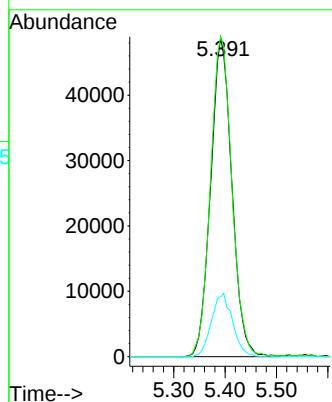
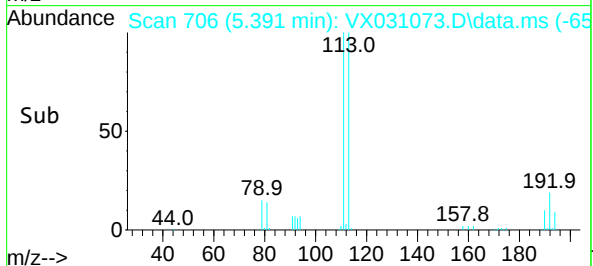


#35
Dibromofluoromethane
Concen: 55.783 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

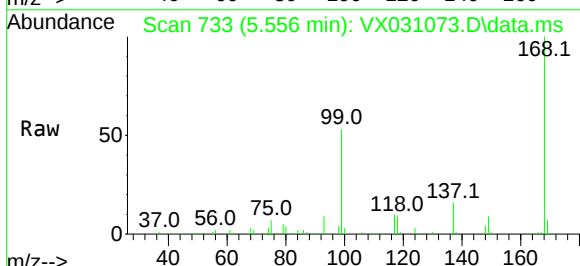
Instrument :
MSVOA_X
ClientSampleId :



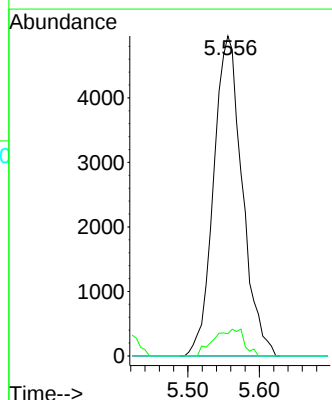
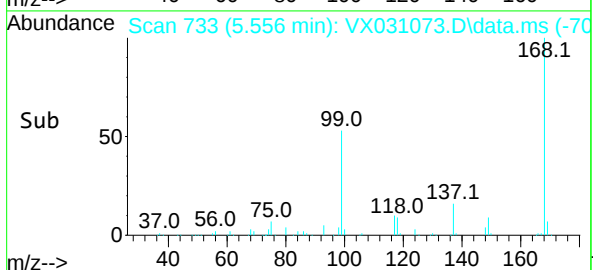
Tgt Ion:113 Resp: 139429
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 19.7 14.8 22.2

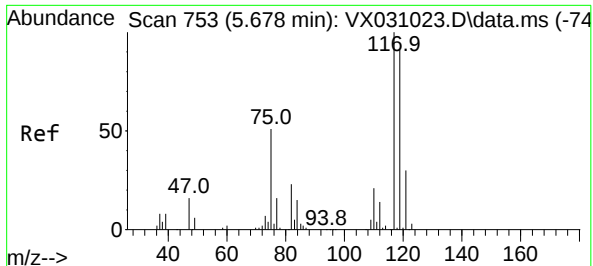


#36
1,1-Dichloropropene
Concen: 3.934 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35



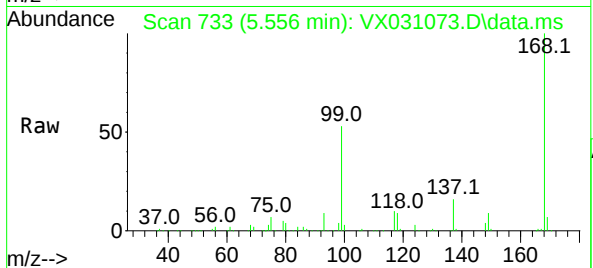
Tgt Ion: 75 Resp: 13773
Ion Ratio Lower Upper
75 100
110 8.9 19.3 57.9#
77 0.0 24.4 36.6#



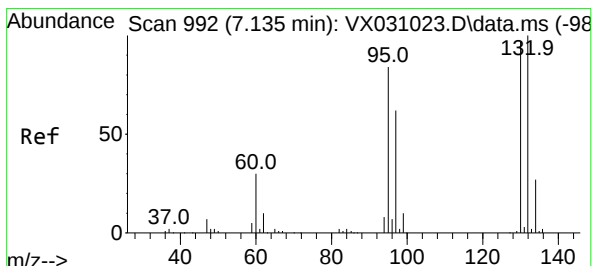
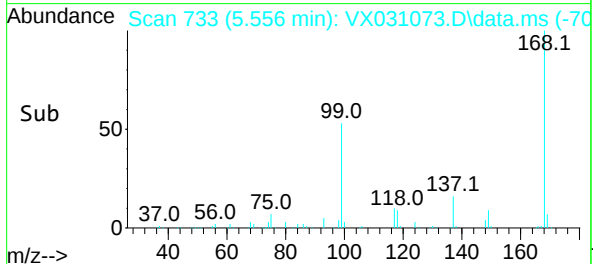
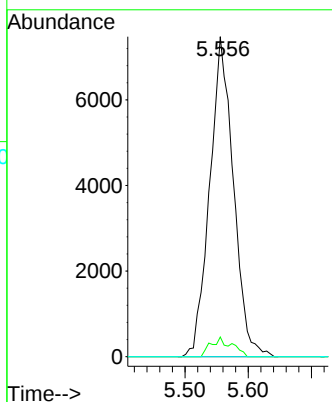


#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

Instrument :
MSVOA_X
ClientSampleId :

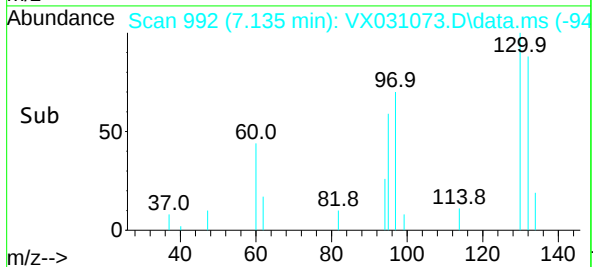
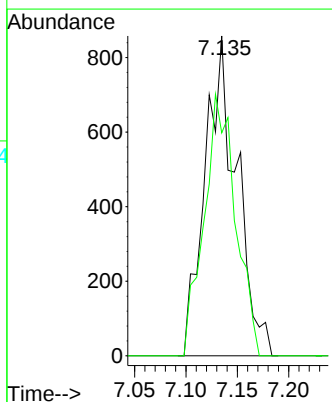
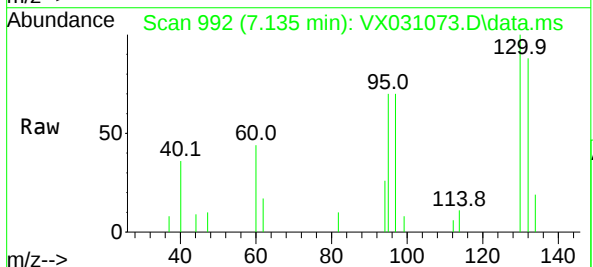


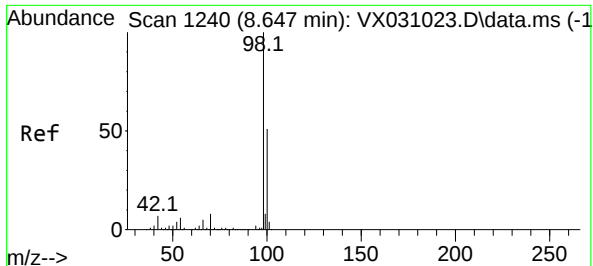
Tgt Ion:117 Resp: 19448
Ion Ratio Lower Upper
117 100
119 6.1 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.581 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031073.D
Acq: 02 Sep 2022 17:35

Tgt Ion:130 Resp: 1850
Ion Ratio Lower Upper
130 100
95 69.7 0.0 194.8





#50

Toluene-d8

Concen: 48.227 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031073.D

Acq: 02 Sep 2022 17:35

Instrument :

MSVOA_X

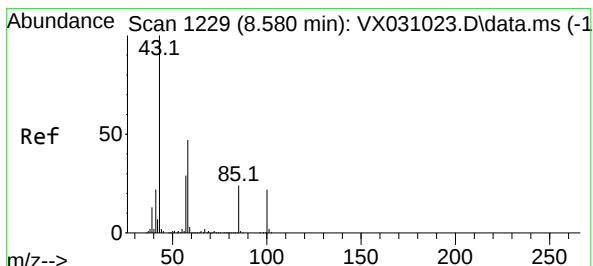
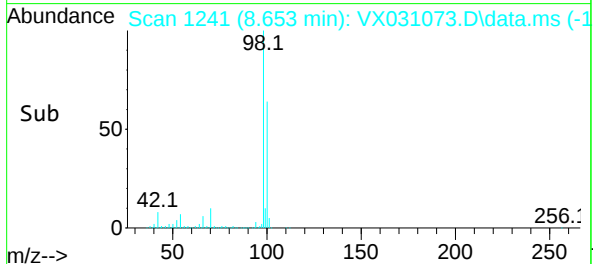
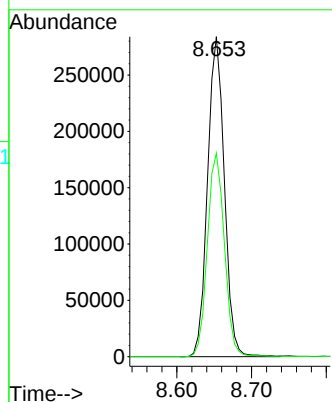
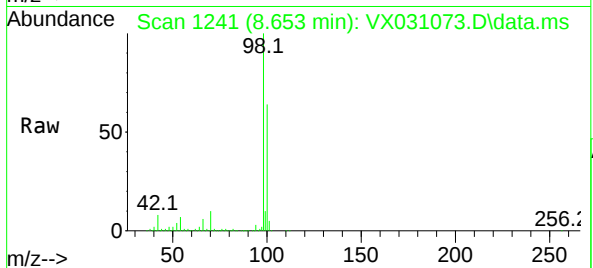
ClientSampleId :

Tgt Ion: 98 Resp: 443643

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.529 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX031073.D

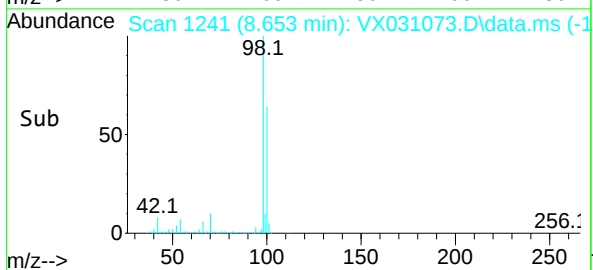
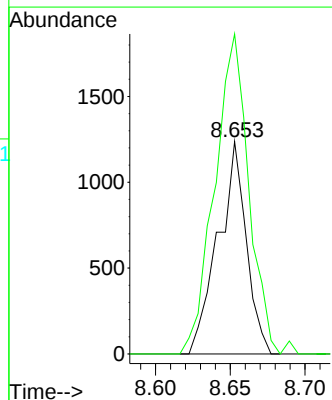
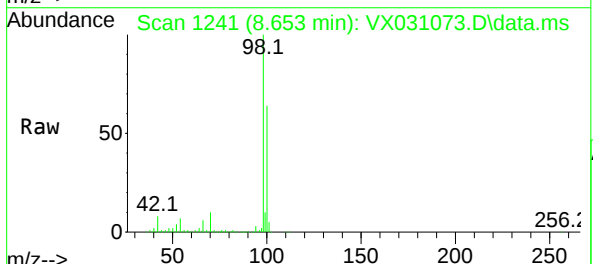
Acq: 02 Sep 2022 17:35

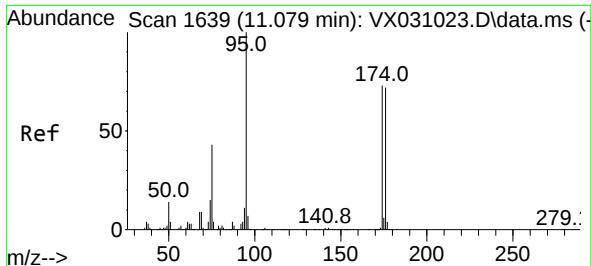
Tgt Ion: 43 Resp: 1617

Ion Ratio Lower Upper

43 100

58 183.4 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 45.024 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX031073.D

Acq: 02 Sep 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

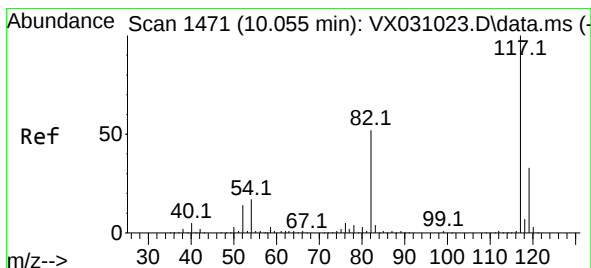
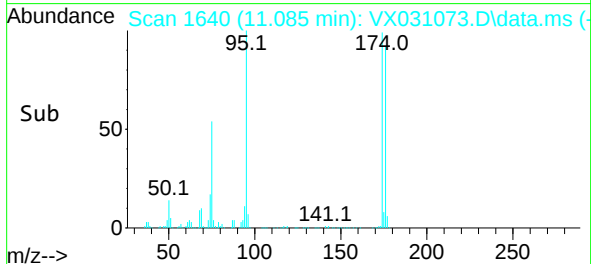
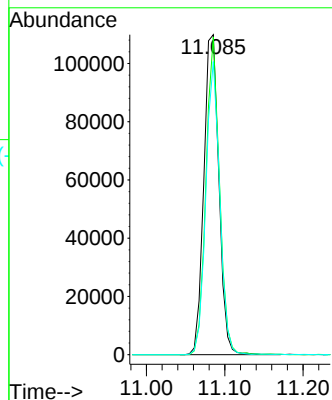
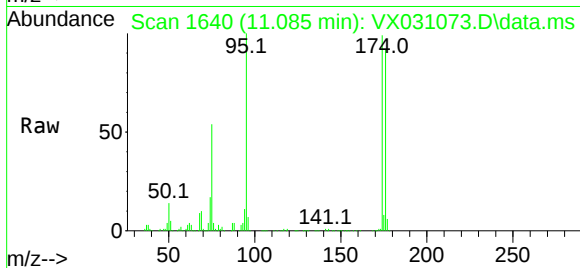
Tgt Ion: 95 Resp: 146286

Ion Ratio Lower Upper

95 100

174 89.8 0.0 149.0

176 84.8 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031073.D

Acq: 02 Sep 2022 17:35

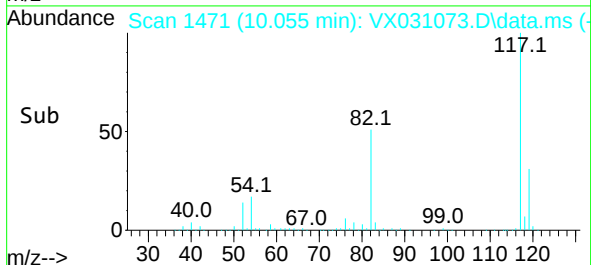
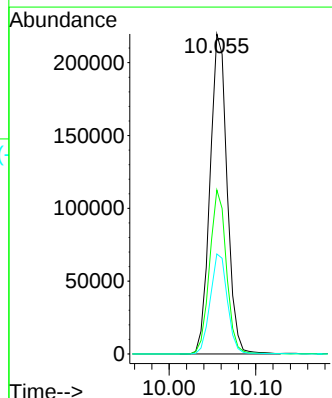
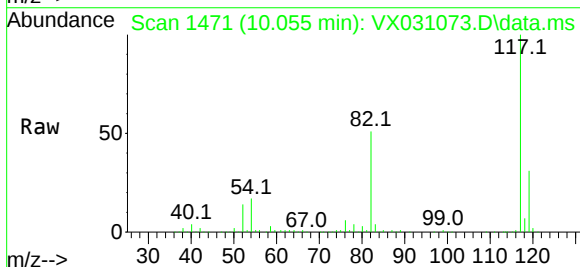
Tgt Ion: 117 Resp: 300708

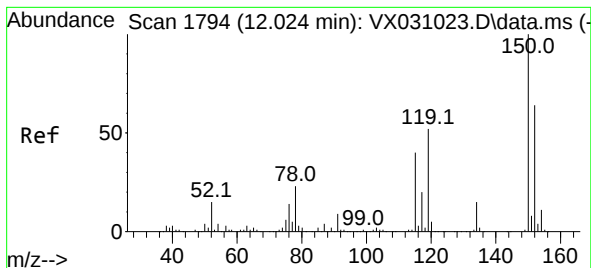
Ion Ratio Lower Upper

117 100

82 51.3 42.7 64.1

119 31.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031073.D

Acq: 02 Sep 2022 17:35

Instrument :

MSVOA_X

ClientSampleId :

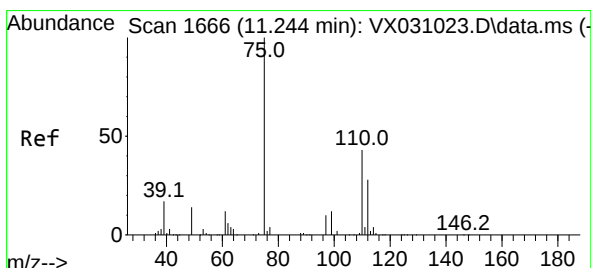
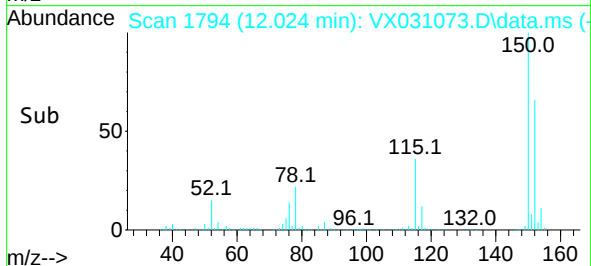
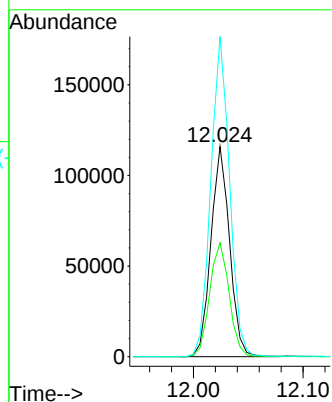
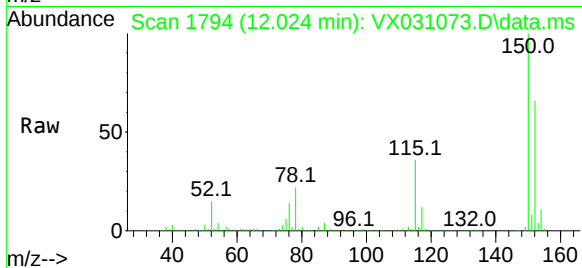
Tgt Ion:152 Resp: 137101

Ion Ratio Lower Upper

152 100

115 56.7 40.5 121.5

150 153.6 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 21.828 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX031073.D

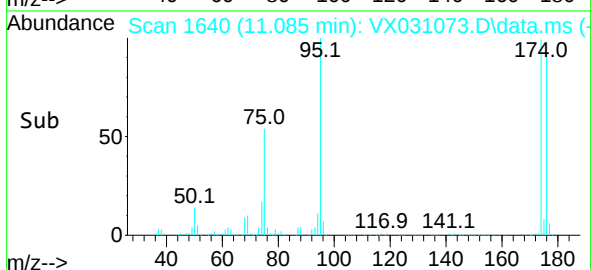
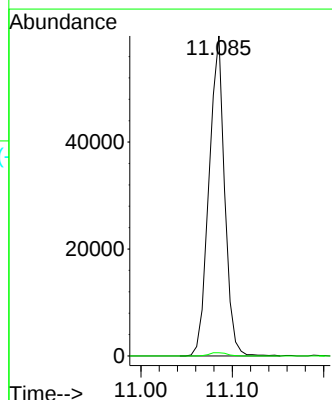
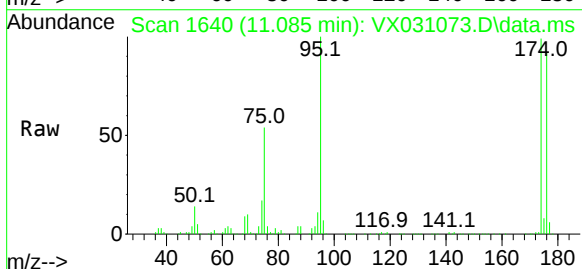
Acq: 02 Sep 2022 17:35

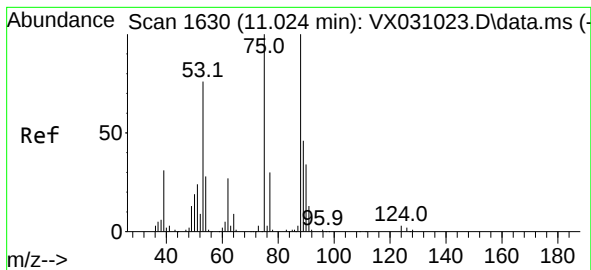
Tgt Ion: 75 Resp: 70745

Ion Ratio Lower Upper

75 100

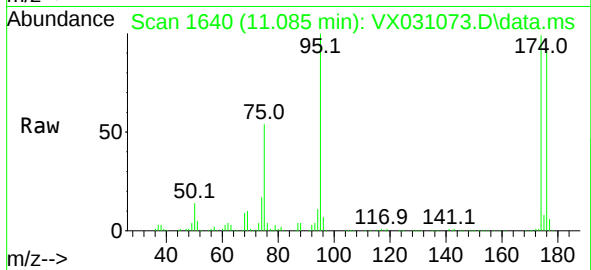
77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.601 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031073.D
 Acq: 02 Sep 2022 17:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 70745
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

