

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040293.D
 Acq On : 17 Feb 2024 11:41
 Operator : JC/MD
 Sample : VX0217WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:54:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

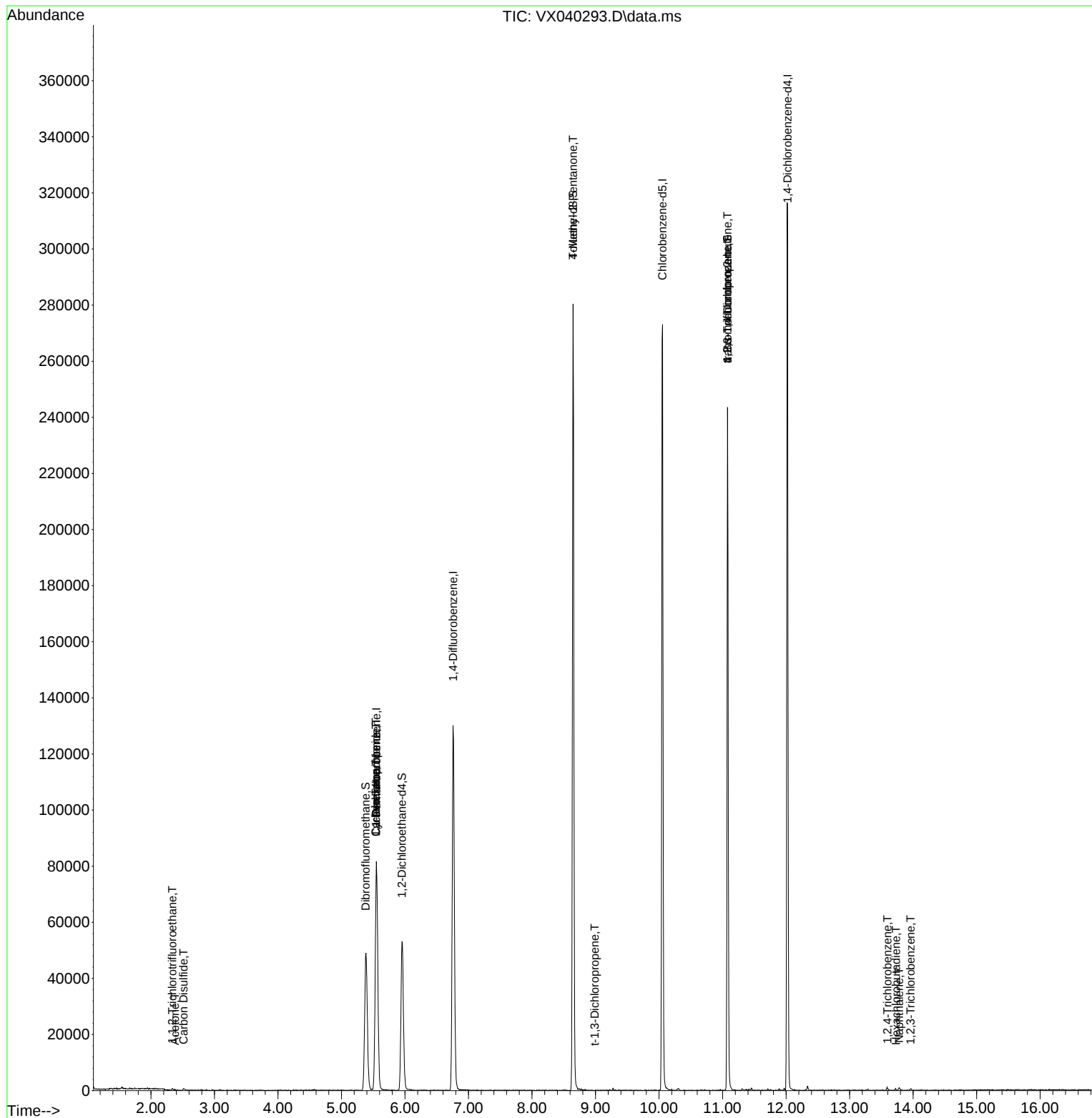
Internal Standards						
1) Pentafluorobenzene	5.550	168	76669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52993	46.460	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.920%
35) Dibromofluoromethane	5.379	113	42243	46.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	8.647	98	161627	47.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.220%
62) 4-Bromofluorobenzene	11.079	95	61939	44.270	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.540%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	170	0.209	ug/l #	41
16) Acetone	2.380	43	181	0.386	ug/l #	47
17) Carbon Disulfide	2.514	76	582	0.282	ug/l #	76
20) Methylene Chloride	2.788	84	127	Below Cal	#	53
31) Cyclohexane	5.544	56	1819	1.337	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	5999	4.670	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7643	6.257	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	680	0.446	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	20	1.971	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	32981	25.046	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32981	68.887	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	383	0.270	ug/l	70
94) Hexachlorobutadiene	13.731	225	188	0.332	ug/l	82
95) Naphthalene	13.780	128	1020	0.227	ug/l #	80
96) 1,2,3-Trichlorobenzene	13.963	180	323	0.239	ug/l #	78

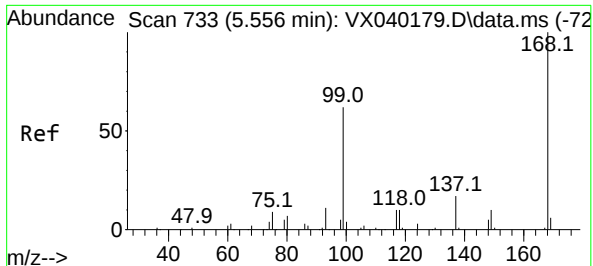
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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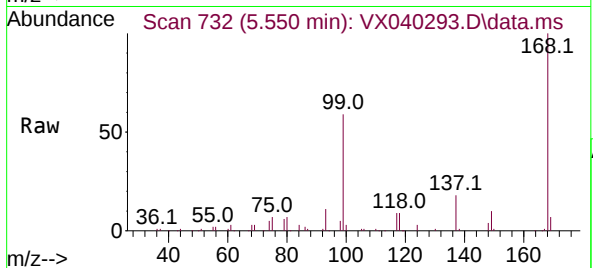
Quant Time: Feb 19 03:54:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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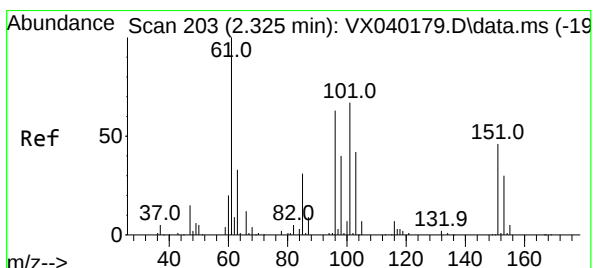
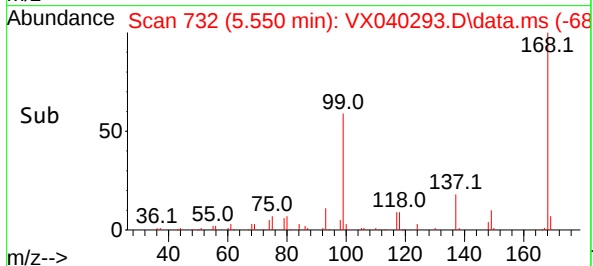
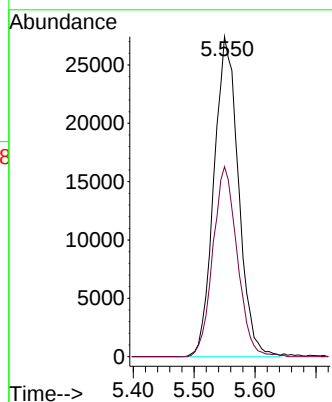


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :

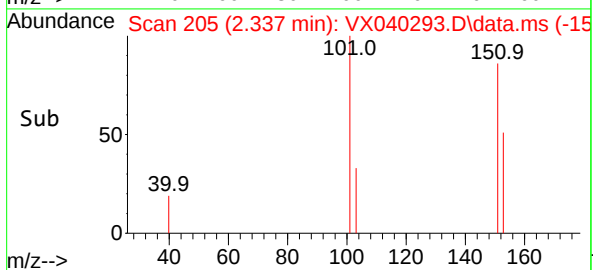
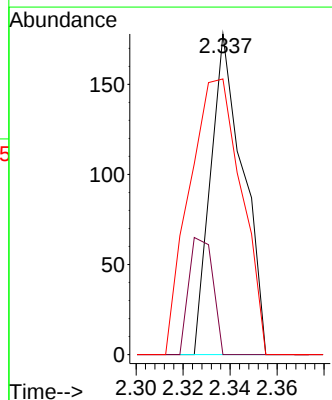
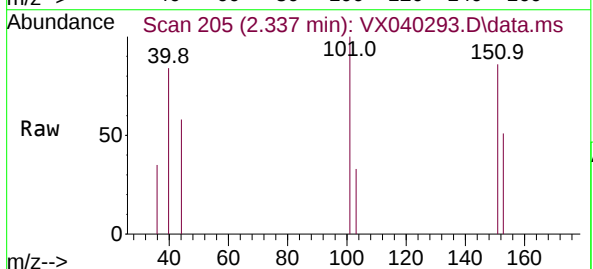


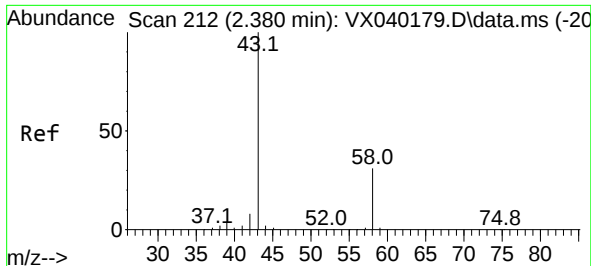
Tgt Ion:168 Resp: 76669
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.209 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Tgt Ion:101 Resp: 170
Ion Ratio Lower Upper
101 100
85 27.1 37.0 55.6#
151 138.8 58.6 87.8#

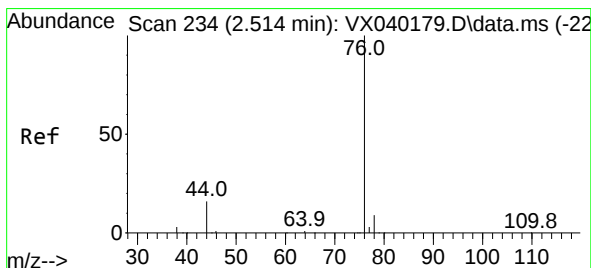
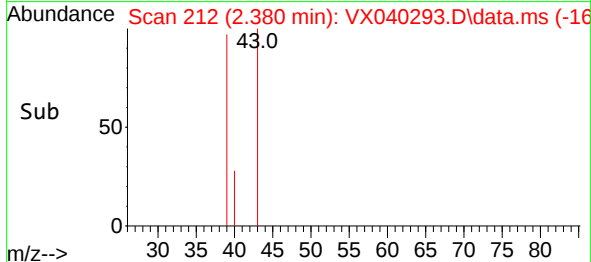
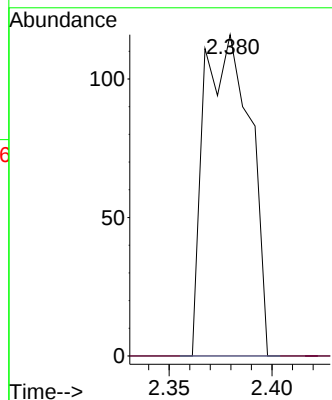
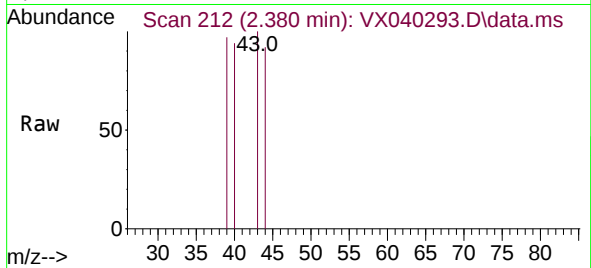




#16
Acetone
Concen: 0.386 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

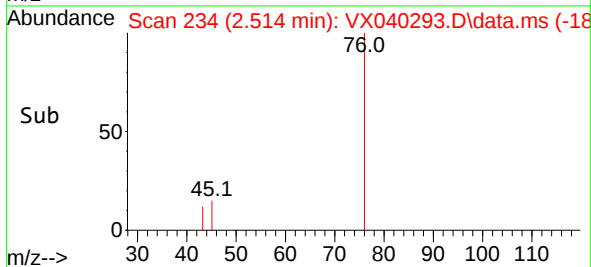
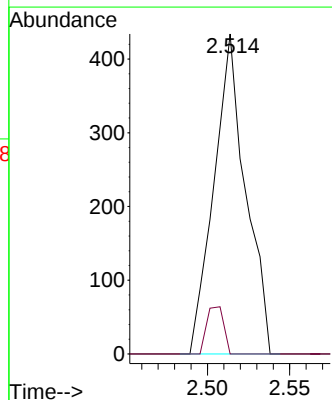
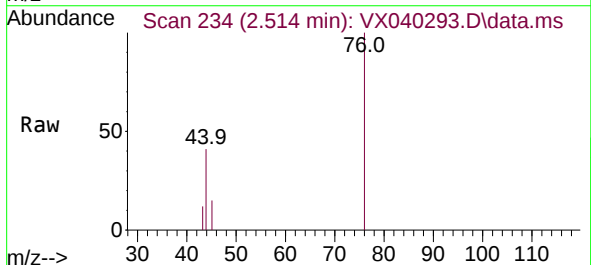
Instrument :
MSVOA_X
ClientSampleId :

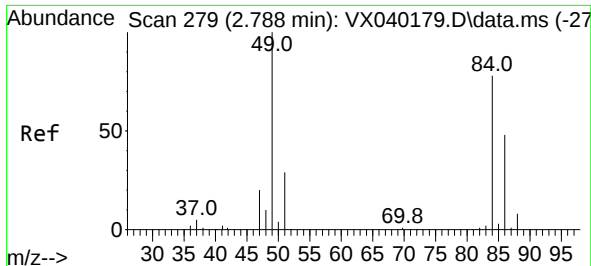
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Tgt Ion: 76 Resp: 582
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

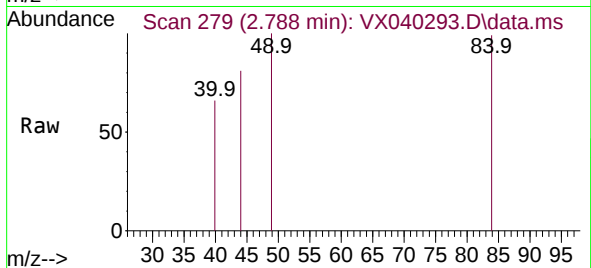
Lab File: VX040293.D

Acq: 17 Feb 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 127

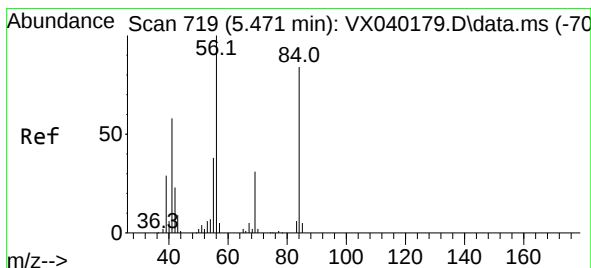
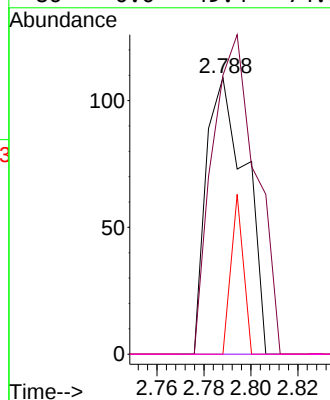
Ion Ratio Lower Upper

84 100

49 100.9 103.6 155.4#

51 0.0 33.8 50.6#

86 0.0 49.4 74.0#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX040293.D

Acq: 17 Feb 2024 11:41

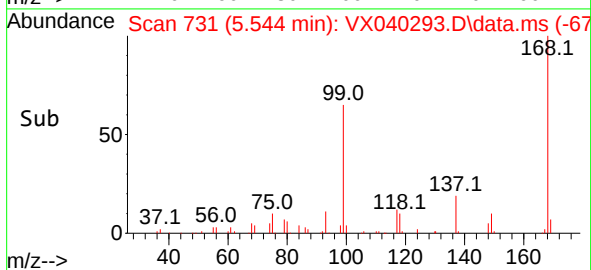
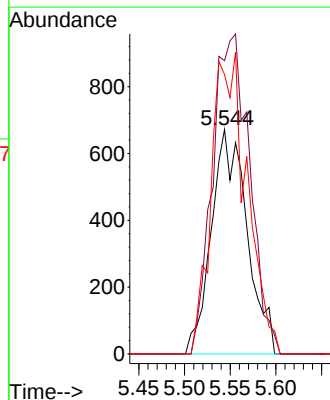
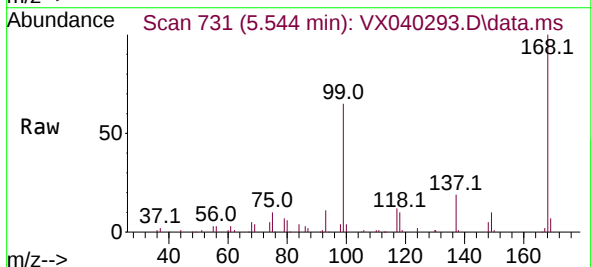
Tgt Ion: 56 Resp: 1819

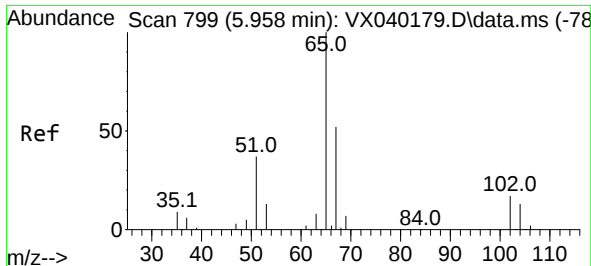
Ion Ratio Lower Upper

56 100

69 130.7 23.4 35.2#

84 124.6 65.9 98.9#

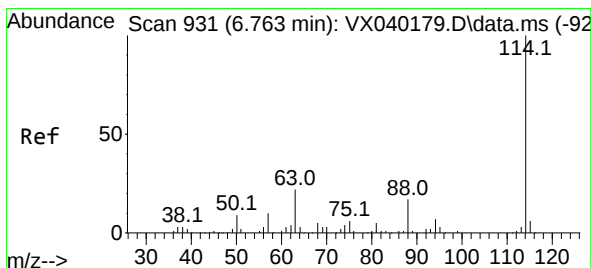
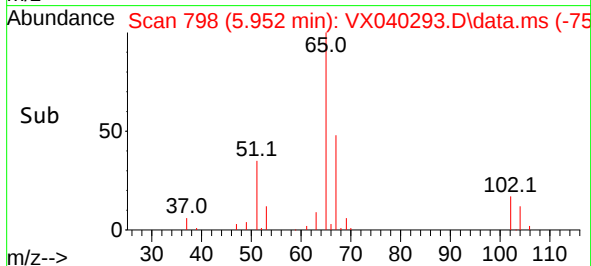
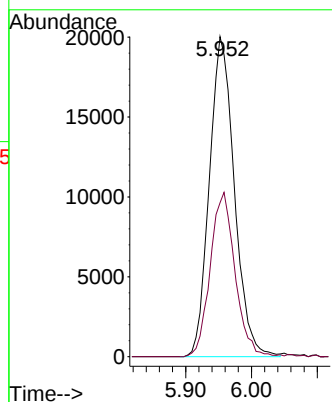
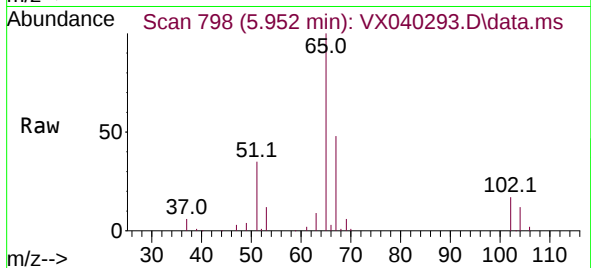




#33
 1,2-Dichloroethane-d4
 Concen: 46.460 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040293.D
 Acq: 17 Feb 2024 11:41

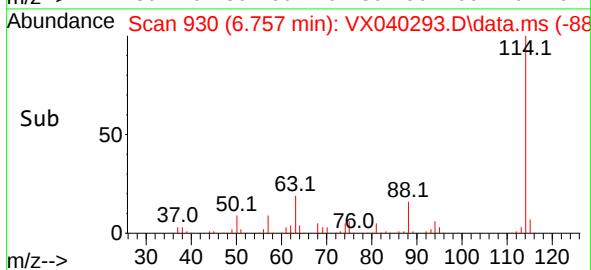
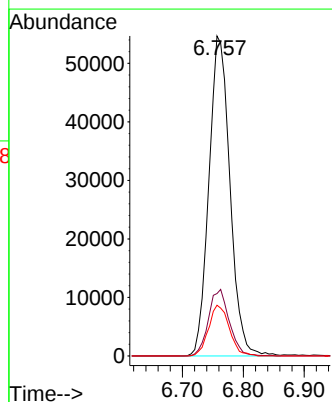
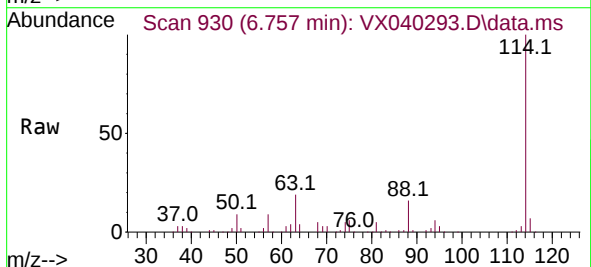
Instrument :
 MSVOA_X
 ClientSampleId :

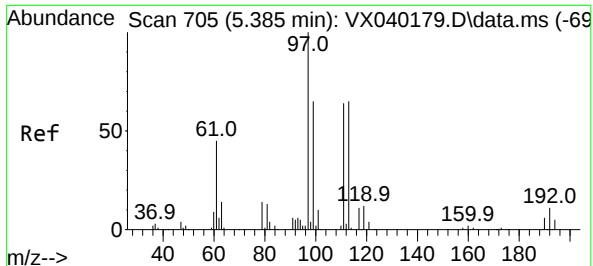
Tgt Ion: 65 Resp: 52993
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX040293.D
 Acq: 17 Feb 2024 11:41

Tgt Ion: 114 Resp: 131324
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.062 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

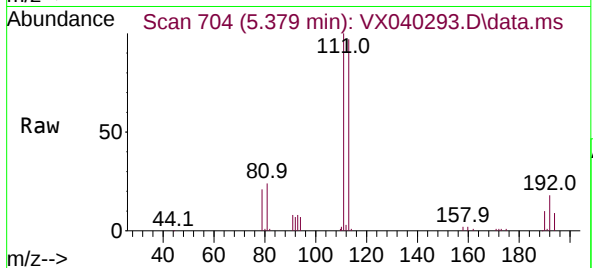
Lab File: VX040293.D

Acq: 17 Feb 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :



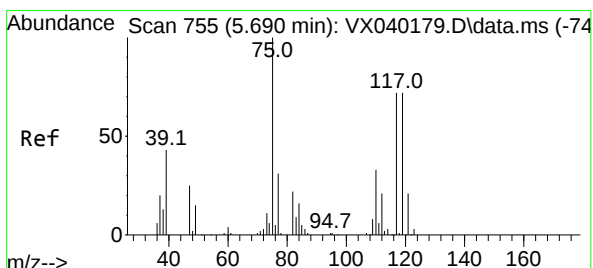
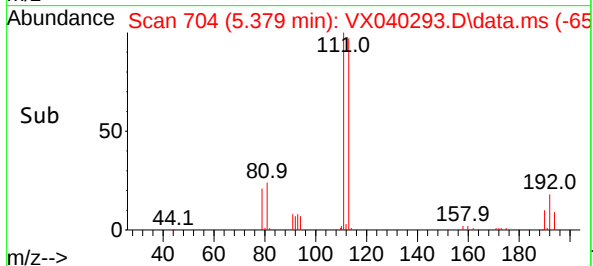
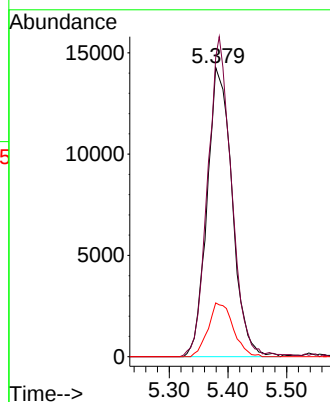
Tgt Ion:113 Resp: 42243

Ion Ratio Lower Upper

113 100

111 104.7 82.9 124.3

192 18.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.670 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX040293.D

Acq: 17 Feb 2024 11:41

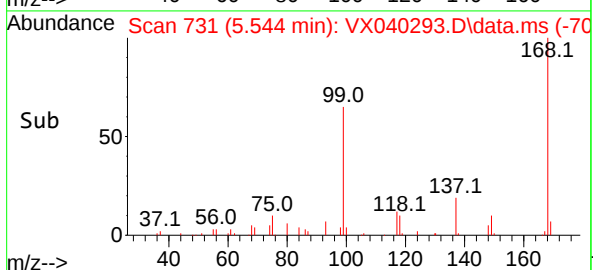
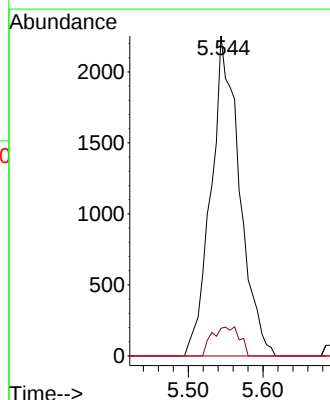
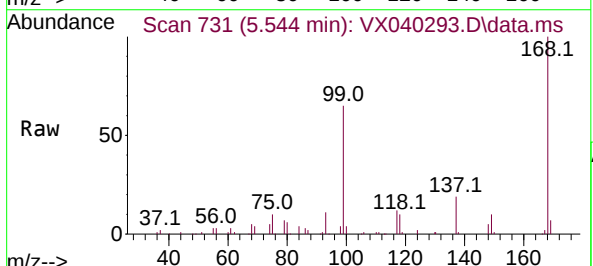
Tgt Ion: 75 Resp: 5999

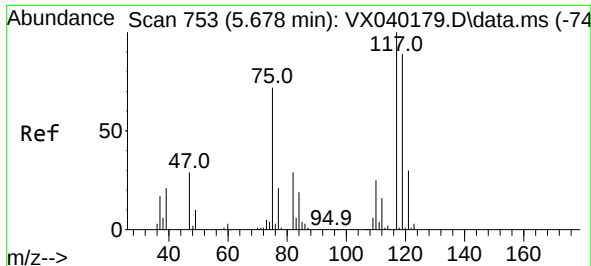
Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

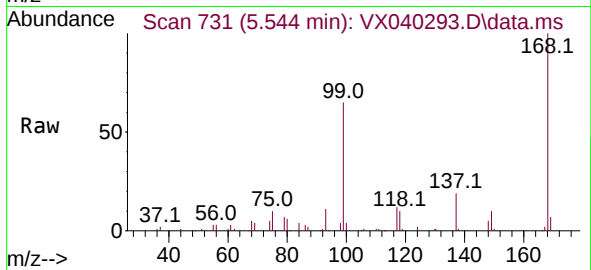
77 0.0 24.7 37.1#



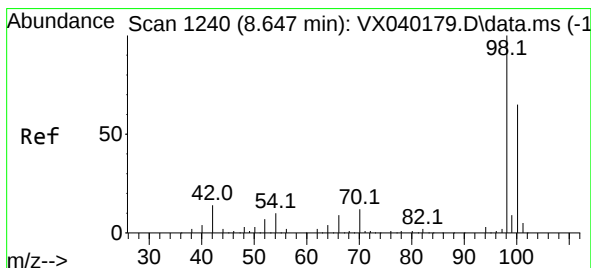
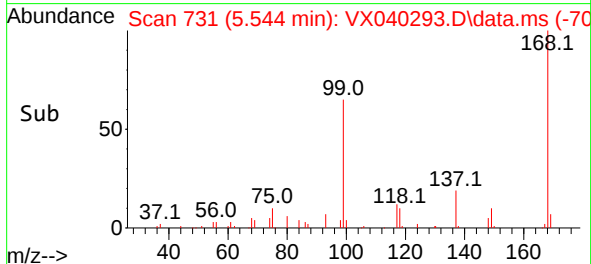
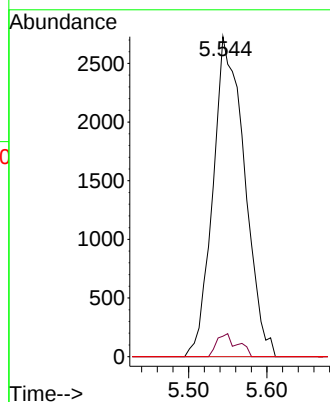


#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :

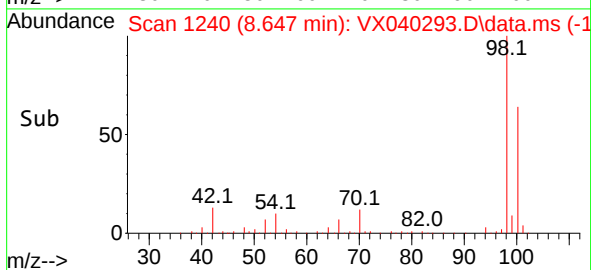
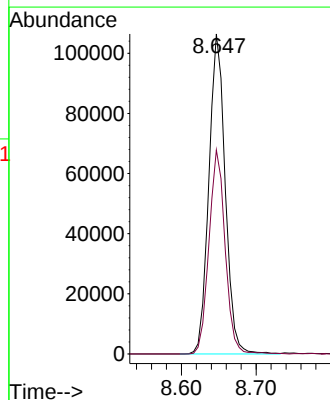
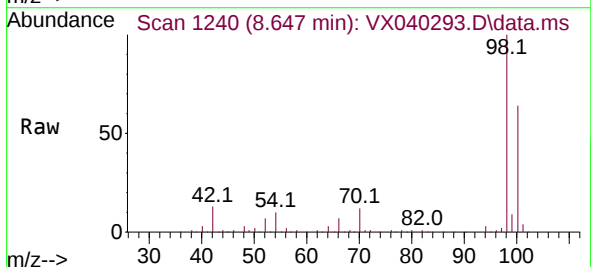


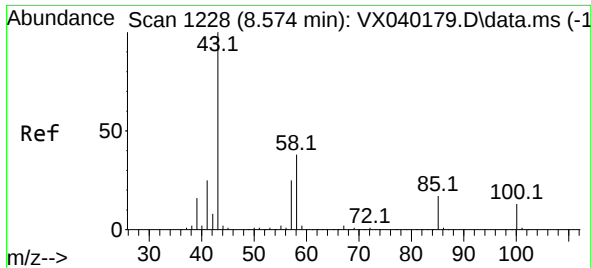
Tgt Ion:117 Resp: 7643
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.114 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Tgt Ion: 98 Resp: 161627
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.446 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX040293.D

Acq: 17 Feb 2024 11:41

Instrument :

MSVOA_X

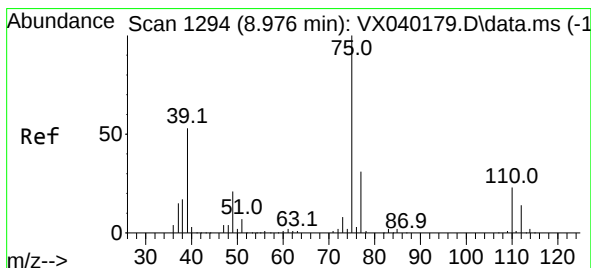
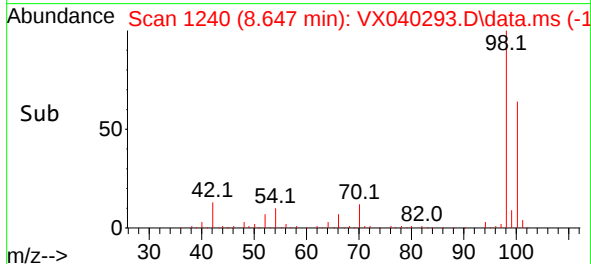
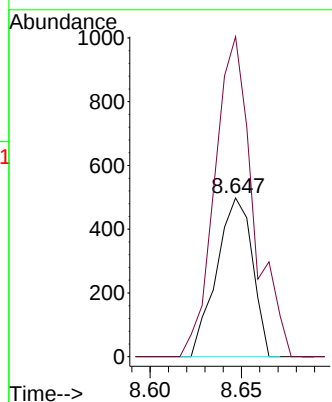
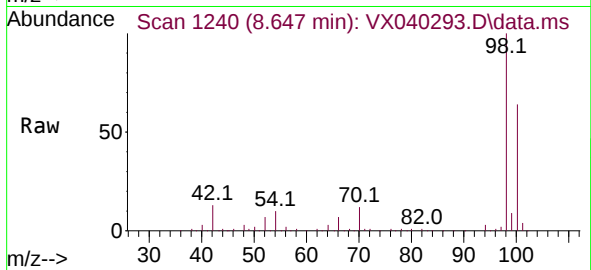
ClientSampleId :

Tgt Ion: 43 Resp: 680

Ion Ratio Lower Upper

43 100

58 216.3 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 1.971 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX040293.D

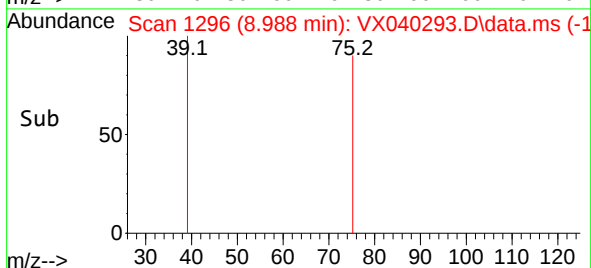
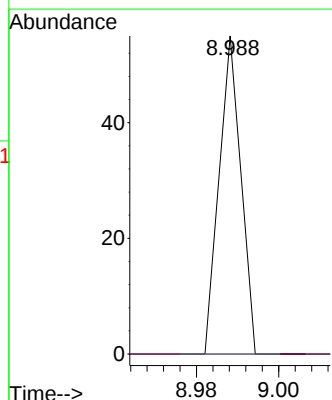
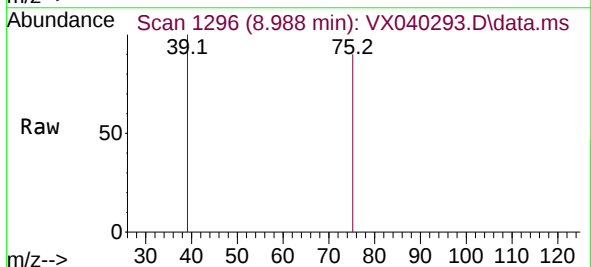
Acq: 17 Feb 2024 11:41

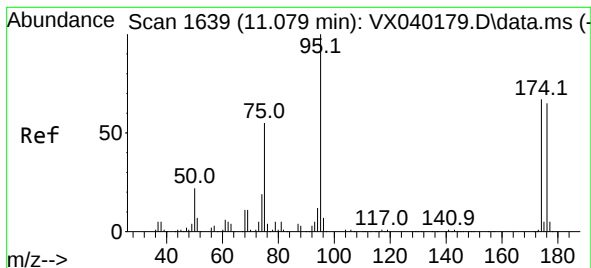
Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

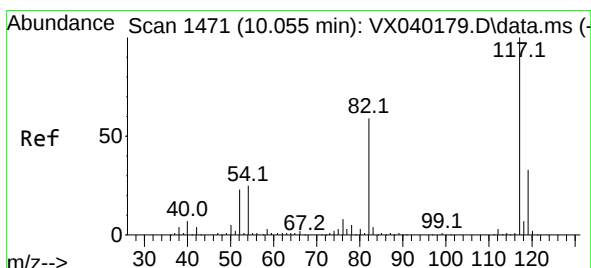
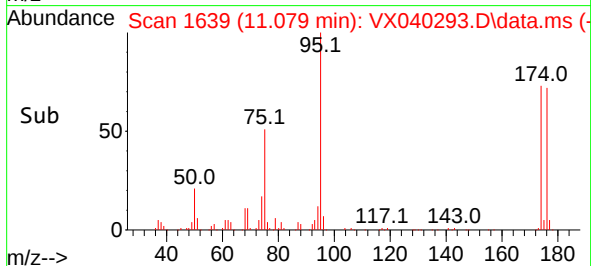
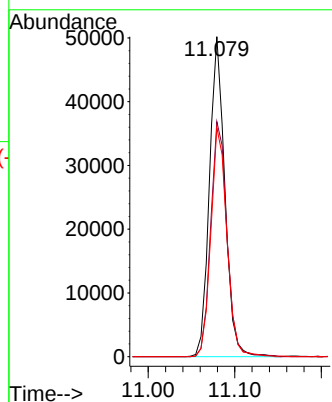
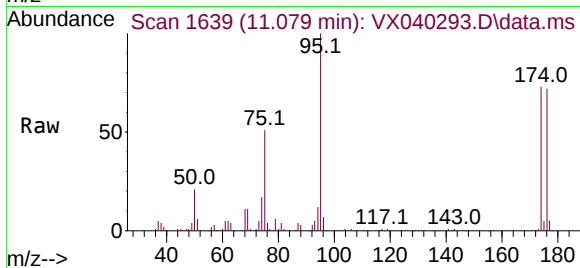




#62
4-Bromofluorobenzene
Concen: 44.270 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

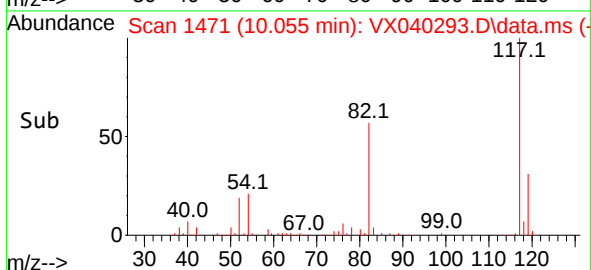
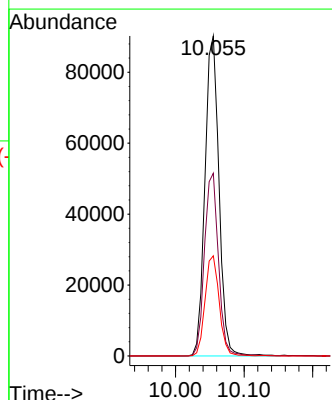
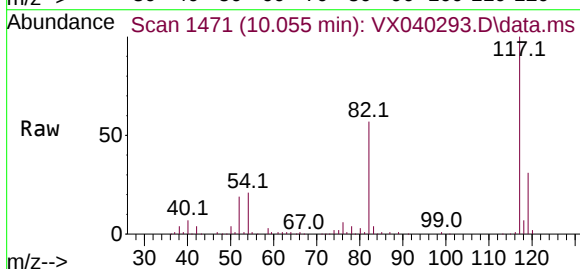
Instrument :
MSVOA_X
ClientSampleId :

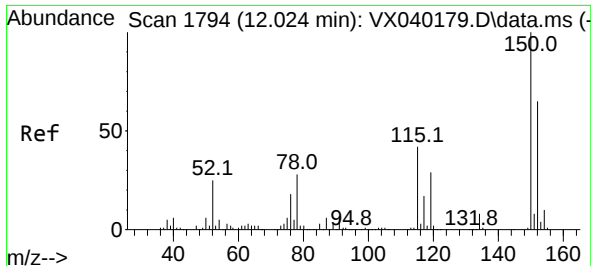
Tgt Ion: 95 Resp: 61939
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Tgt Ion: 117 Resp: 128783
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.3 25.5 38.3

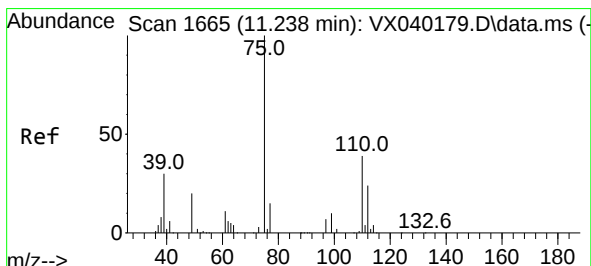
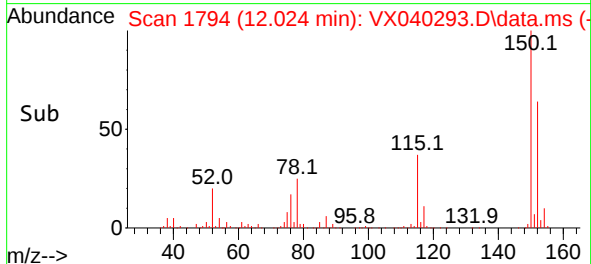
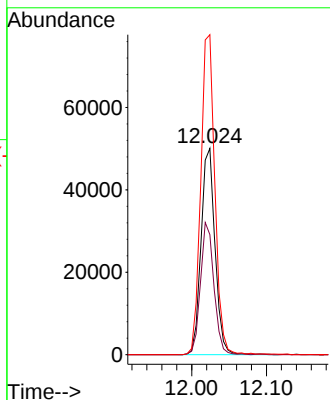
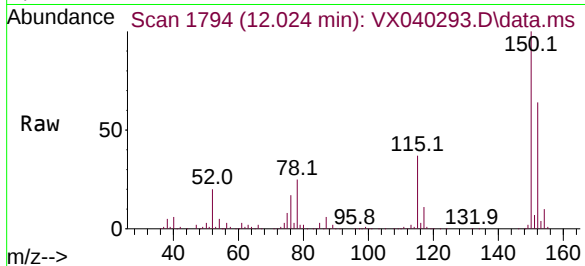




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

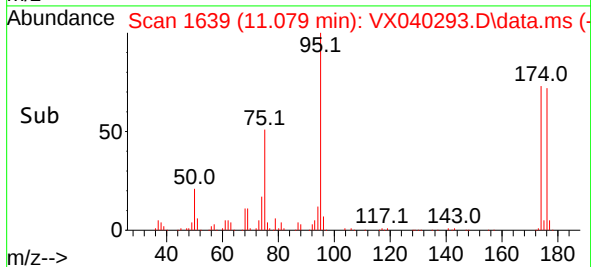
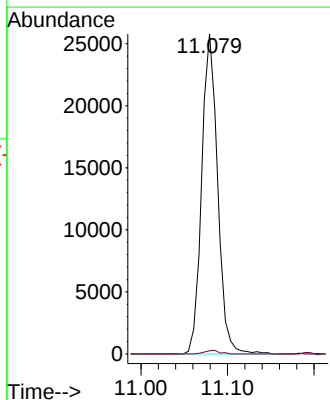
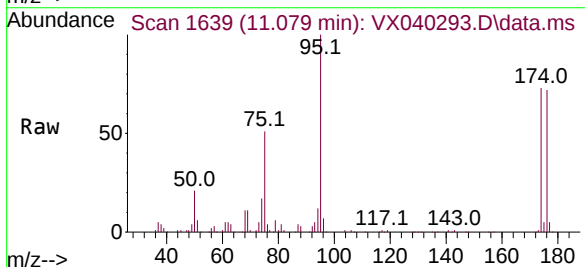
Instrument :
MSVOA_X
ClientSampleId :

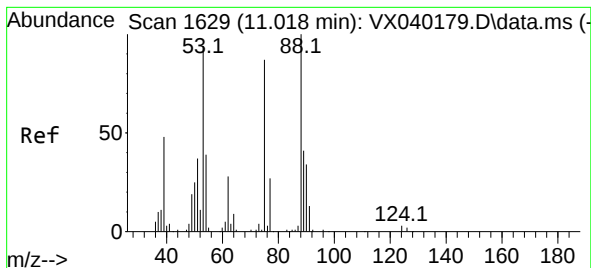
Tgt Ion:152 Resp: 65028
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 156.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Tgt Ion: 75 Resp: 32981
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

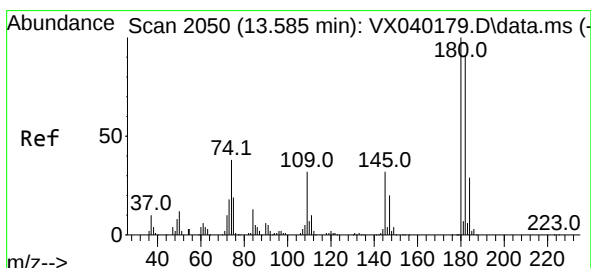
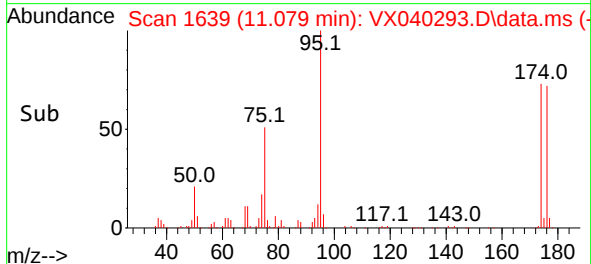
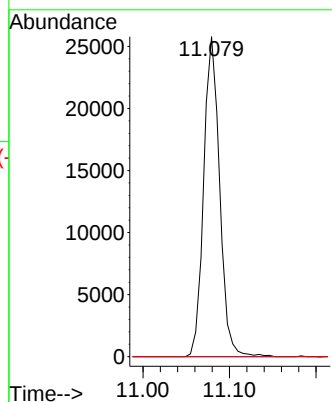
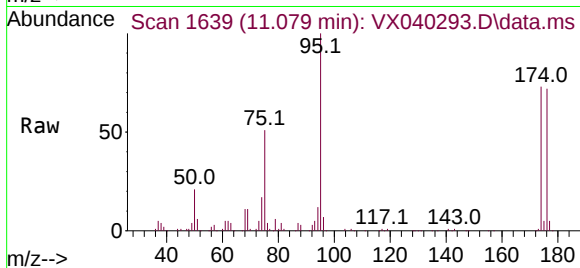




#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.887 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040293.D
 Acq: 17 Feb 2024 11:41

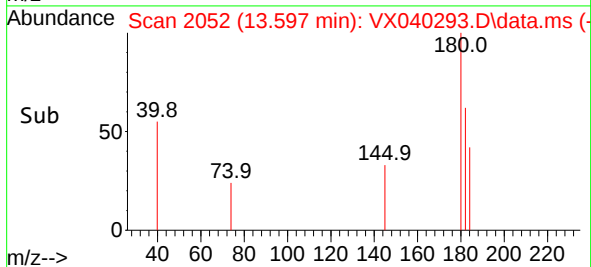
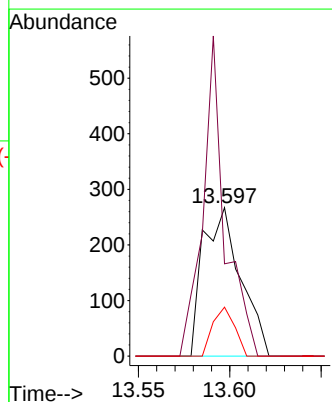
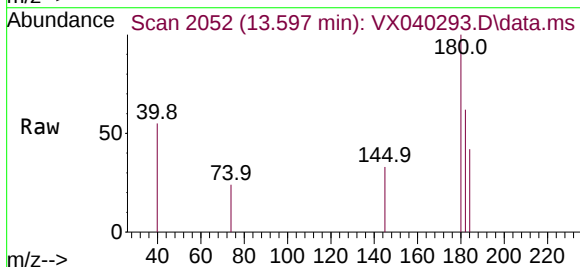
Instrument :
 MSVOA_X
 ClientSampleId :

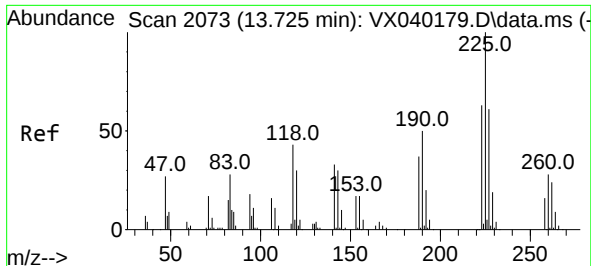
Tgt Ion: 75 Resp: 32981
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.270 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX040293.D
 Acq: 17 Feb 2024 11:41

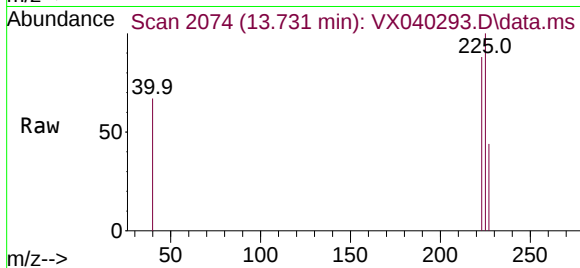
Tgt Ion:180 Resp: 383
 Ion Ratio Lower Upper
 180 100
 182 125.8 48.3 144.8
 145 19.3 18.0 54.0



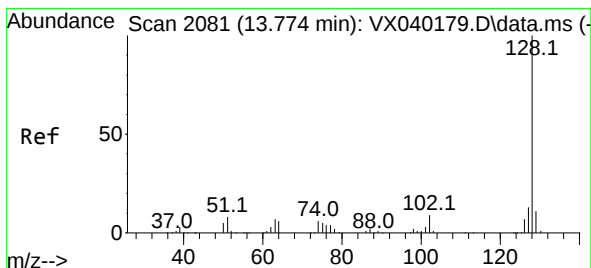
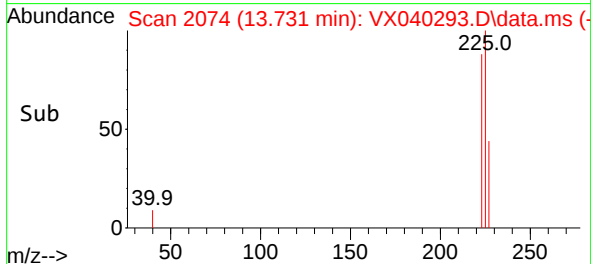
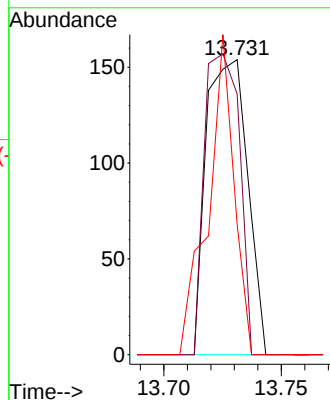


#94
Hexachlorobutadiene
Concen: 0.332 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :

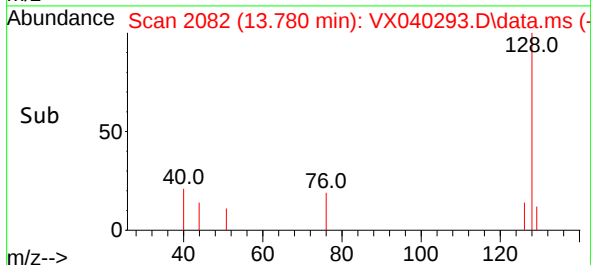
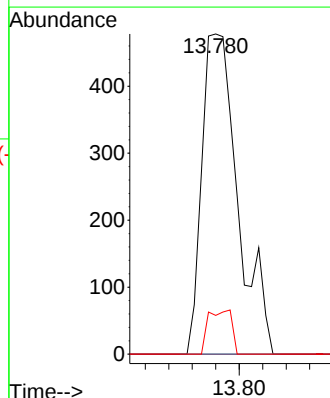
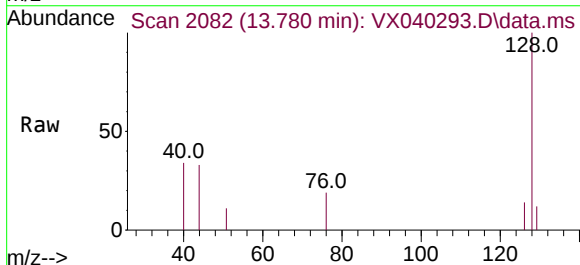


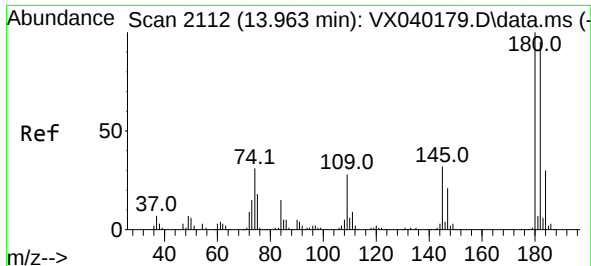
Tgt Ion:225 Resp: 188
Ion Ratio Lower Upper
225 100
223 86.7 31.1 93.2
227 68.1 32.5 97.5



#95
Naphthalene
Concen: 0.227 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040293.D
Acq: 17 Feb 2024 11:41

Tgt Ion:128 Resp: 1020
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 8.9 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.239 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

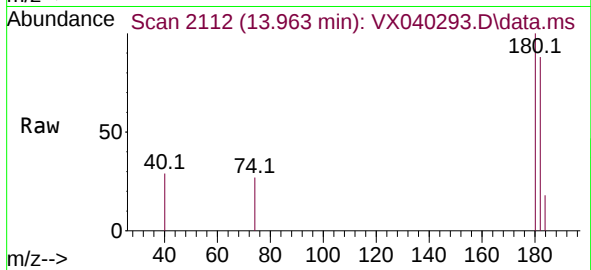
Lab File: VX040293.D

Acq: 17 Feb 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 323

Ion Ratio Lower Upper

180 100

182 105.6 46.9 140.6

145 8.0 17.8 53.5#

