

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032011.D
 Acq On : 10 Oct 2022 14:44
 Operator : JC/MD
 Sample : N5033-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 596C-1

Quant Time: Oct 11 05:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

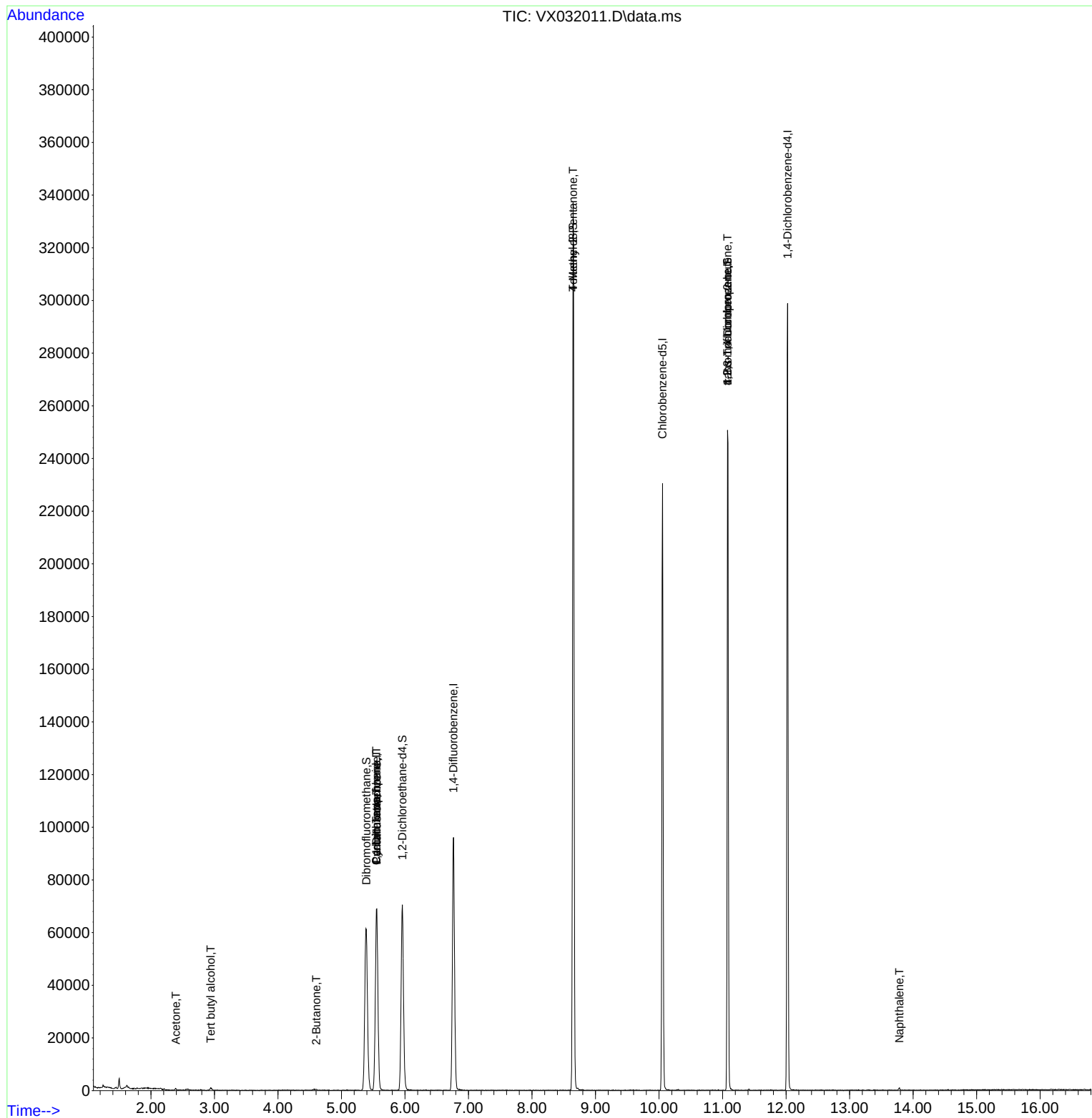
Internal Standards						
1) Pentafluorobenzene	5.556	168	64413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	97116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65701	49.389	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.780%		
35) Dibromofluoromethane	5.391	113	53045	48.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.647	98	197425	49.910	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.820%		
62) 4-Bromofluorobenzene	11.079	95	65284	46.684	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.360%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	249	Below Cal		98
11) Tert butyl alcohol	2.941	59	582	3.516 ug/l #		73
16) Acetone	2.392	43	695	1.537 ug/l #		87
25) 2-Butanone	4.605	43	149	0.211 ug/l #		49
31) Cyclohexane	5.550	56	1513	0.952 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	5073	3.480 ug/l #		51
38) Carbon Tetrachloride	5.550	117	6696	4.492 ug/l #		16
51) 4-Methyl-2-Pentanone	8.647	43	917	0.665 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	34821	27.954 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.079	75	34821	95.660 ug/l #		11
95) Naphthalene	13.786	128	898	0.202 ug/l #		86

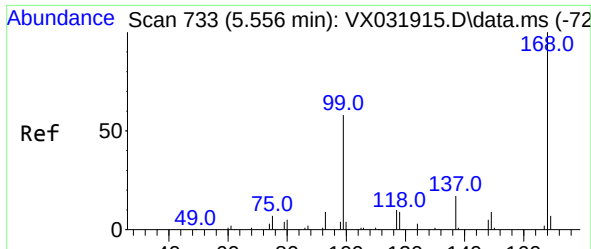
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
Data File : VX032011.D
Acq On : 10 Oct 2022 14:44
Operator : JC/MD
Sample : N5033-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
596C-1

Quant Time: Oct 11 05:11:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

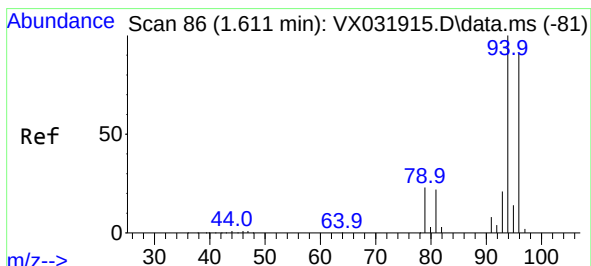
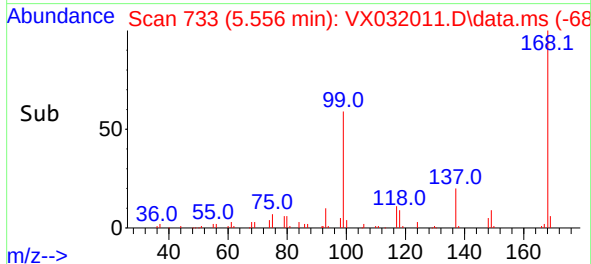
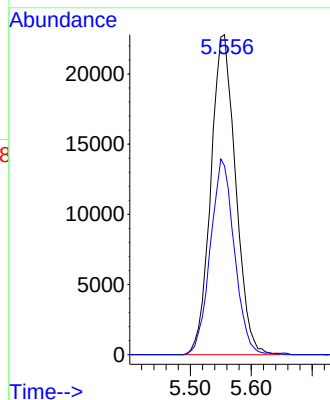
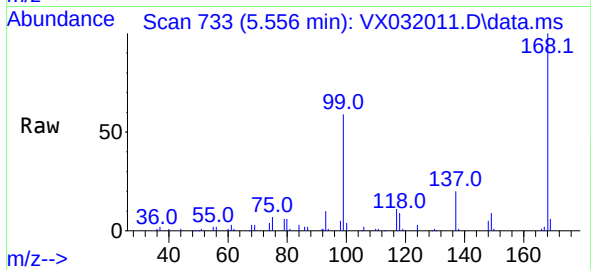




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

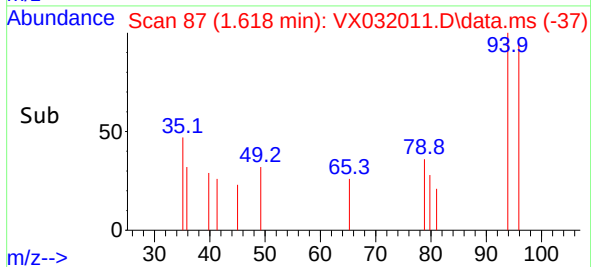
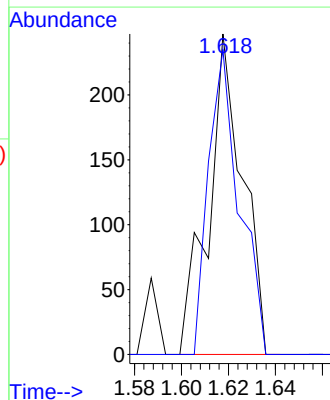
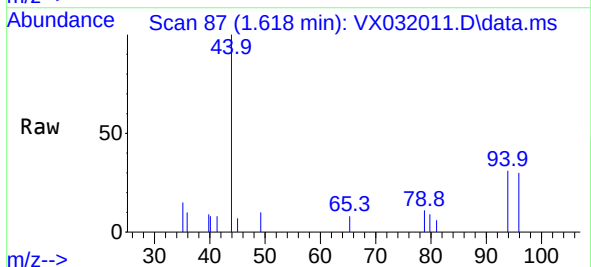
Instrument :
MSVOA_X
ClientSampleId :
596C-1

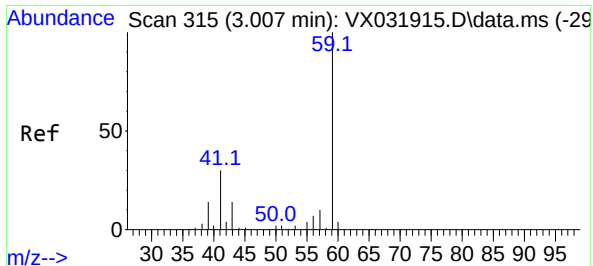
Tgt Ion:168 Resp: 64413
Ion Ratio Lower Upper
168 100
99 59.0 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 95.1 74.4 111.6





#11

Tert butyl alcohol

Concen: 3.516 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.066 min

Lab File: VX032011.D

Acq: 10 Oct 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

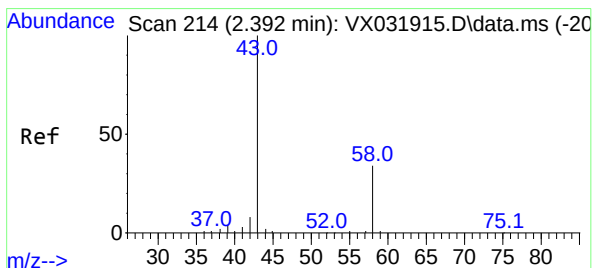
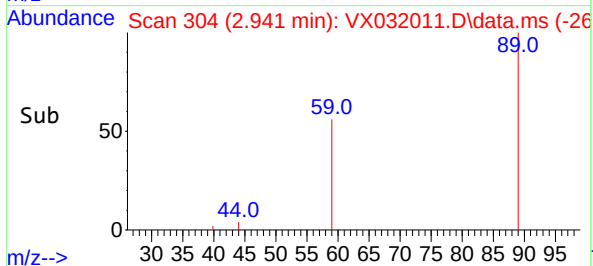
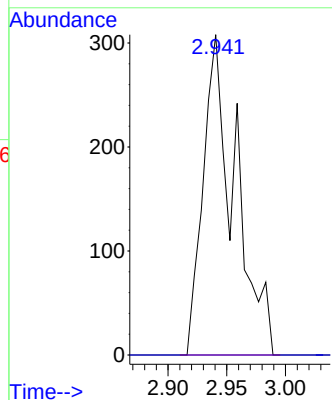
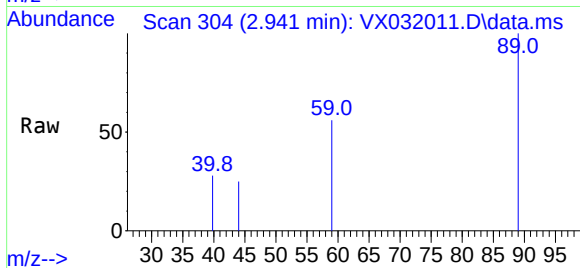
596C-1

Tgt Ion: 59 Resp: 582

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 1.537 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX032011.D

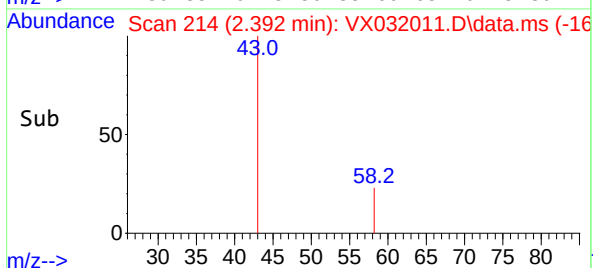
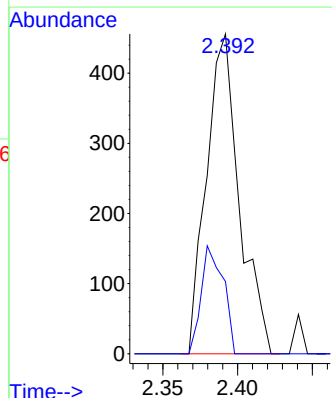
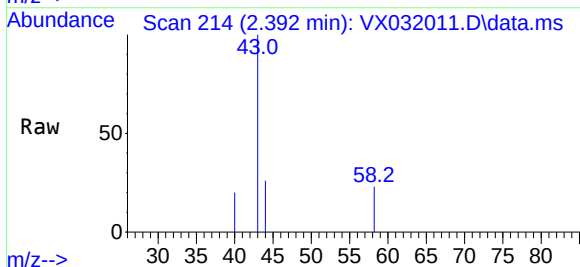
Acq: 10 Oct 2022 14:44

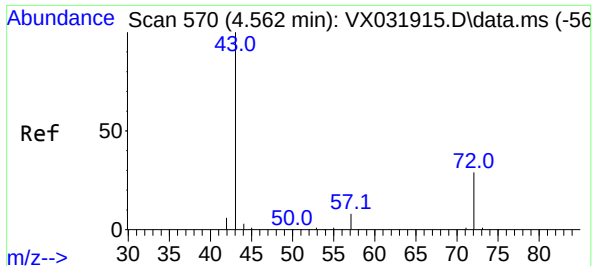
Tgt Ion: 43 Resp: 695

Ion Ratio Lower Upper

43 100

58 22.6 23.8 35.8#





#25

2-Butanone

Concen: 0.211 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX032011.D

Acq: 10 Oct 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

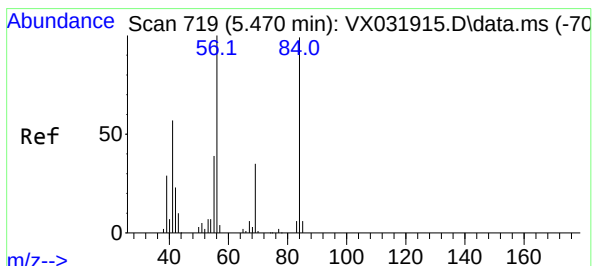
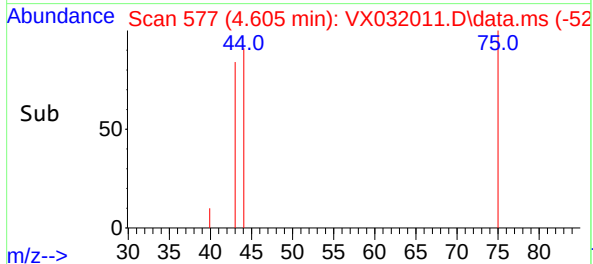
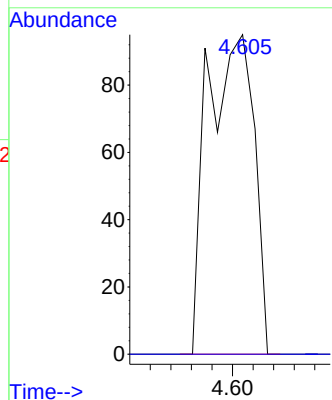
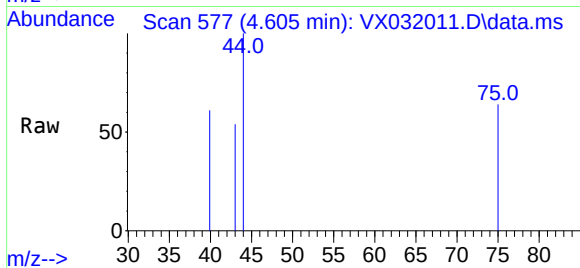
596C-1

Tgt Ion: 43 Resp: 149

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.952 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX032011.D

Acq: 10 Oct 2022 14:44

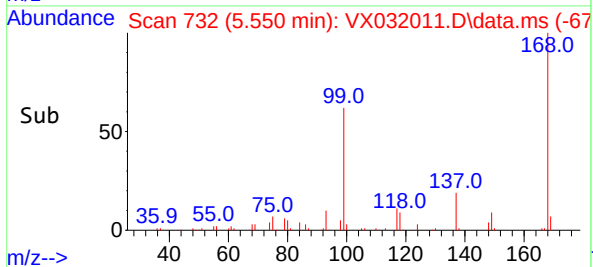
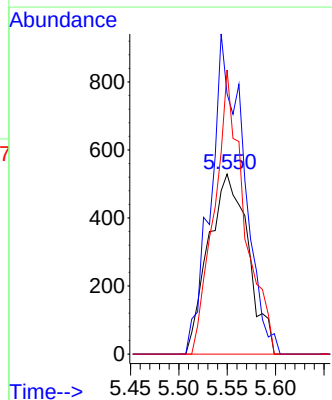
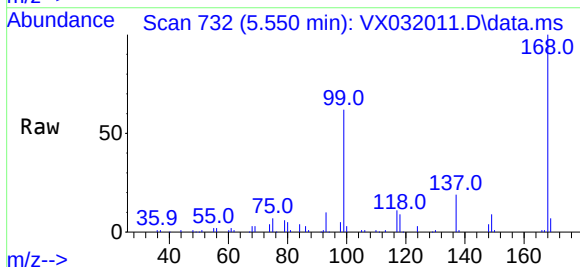
Tgt Ion: 56 Resp: 1513

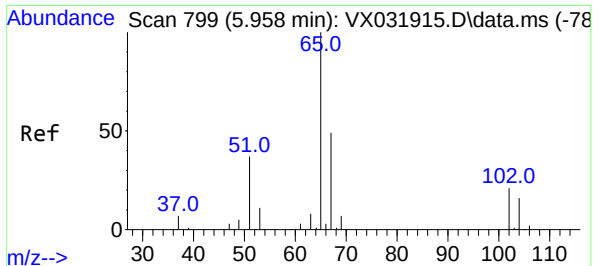
Ion Ratio Lower Upper

56 100

69 144.6 25.1 37.7#

84 157.8 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 49.389 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032011.D

Acq: 10 Oct 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

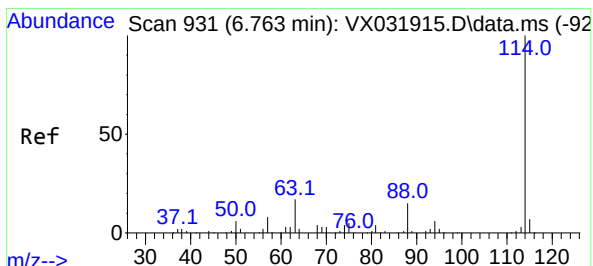
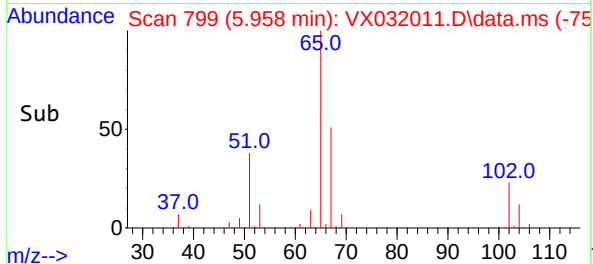
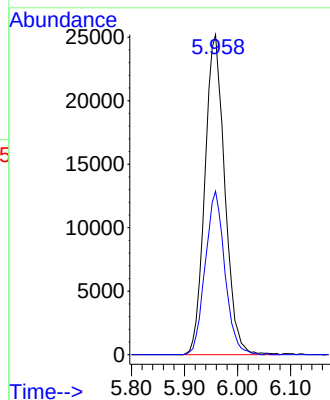
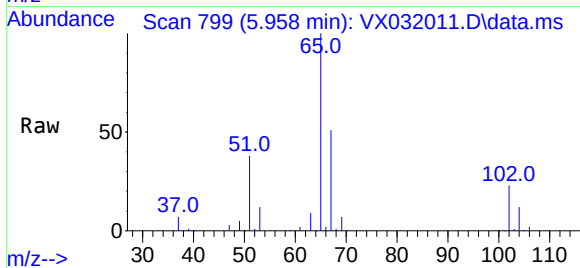
596C-1

Tgt Ion: 65 Resp: 65701

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032011.D

Acq: 10 Oct 2022 14:44

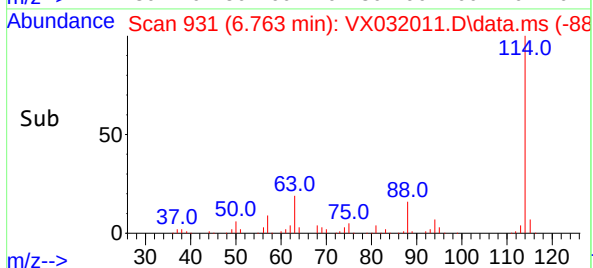
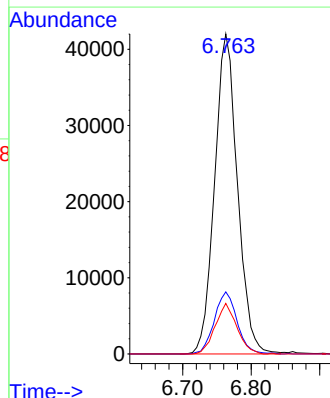
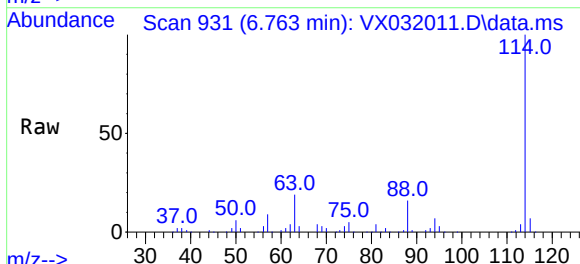
Tgt Ion: 114 Resp: 97116

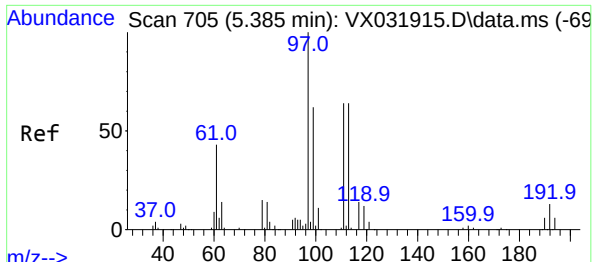
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.8 0.0 33.0

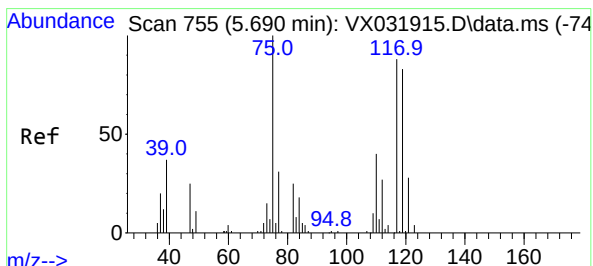
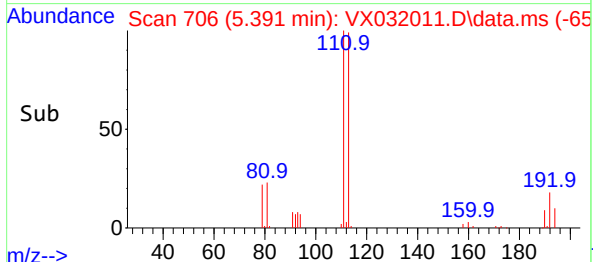
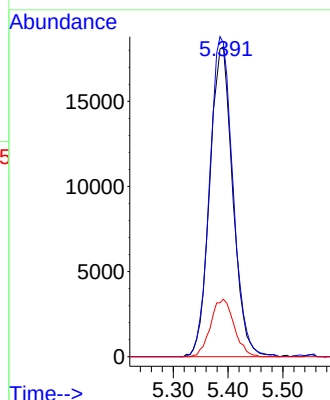
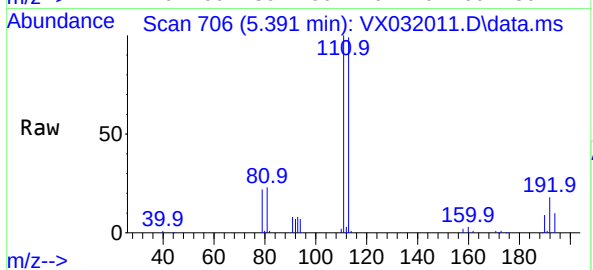




#35
Dibromofluoromethane
Concen: 48.254 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

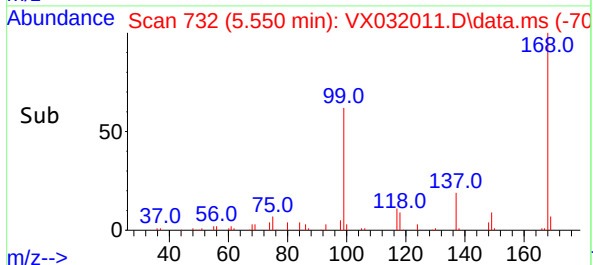
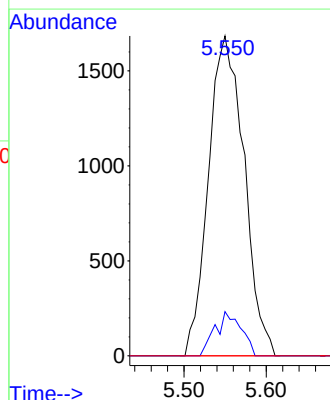
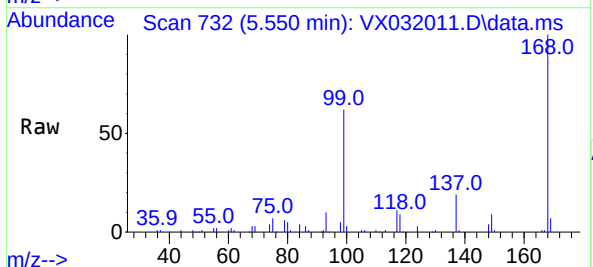
Instrument :
MSVOA_X
ClientSampleId :
596C-1

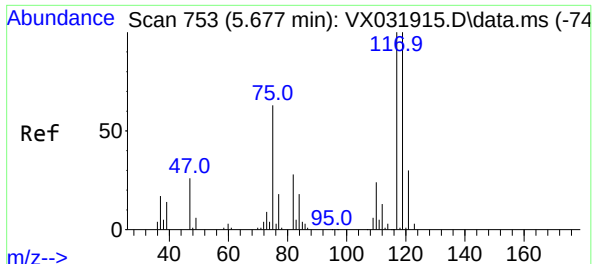
Tgt Ion:113 Resp: 53045
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 18.9 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.480 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

Tgt Ion: 75 Resp: 5073
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.9 37.3#

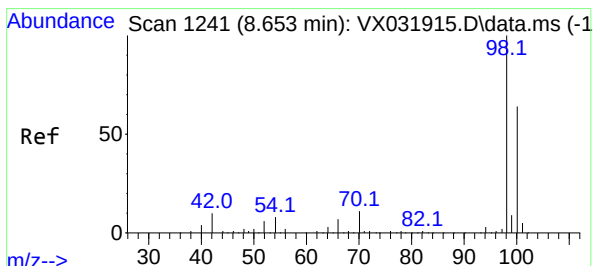
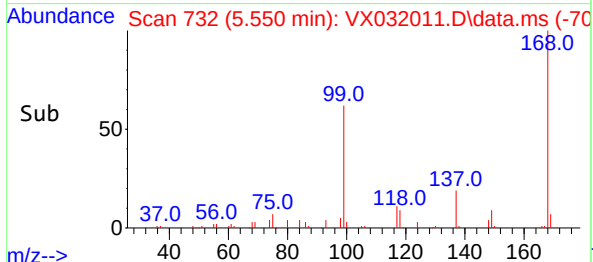
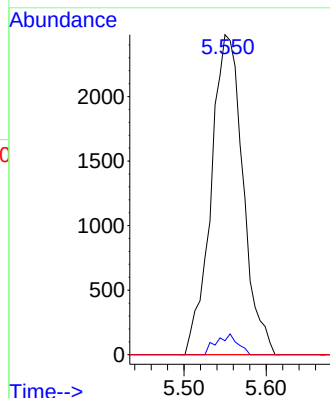
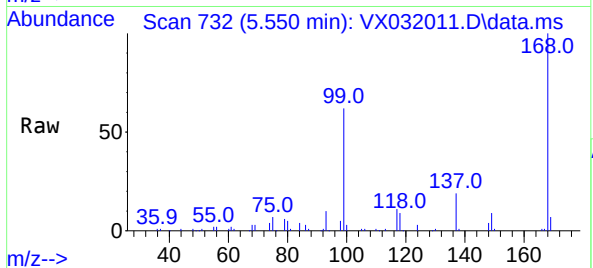




#38
Carbon Tetrachloride
Concen: 4.492 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

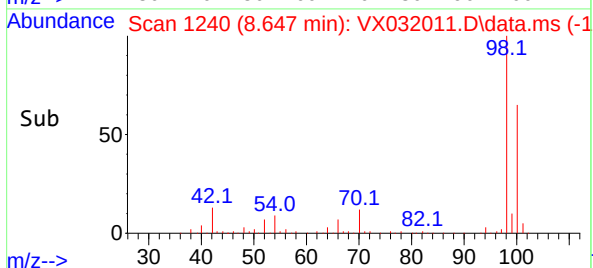
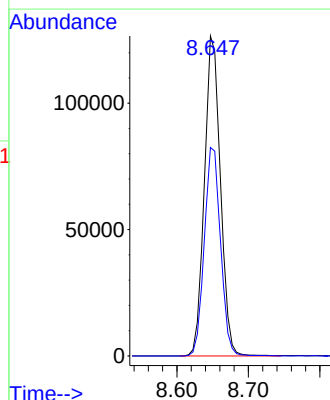
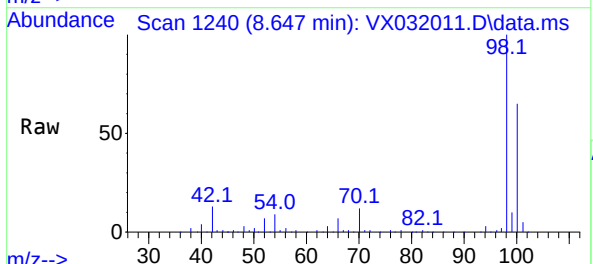
Instrument :
MSVOA_X
ClientSampleId :
596C-1

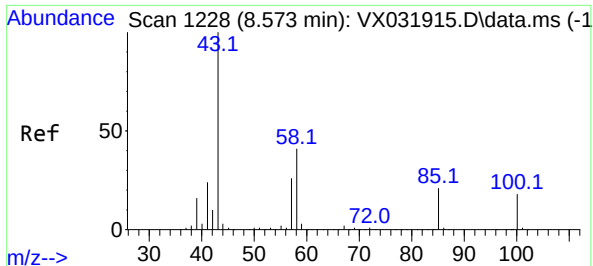
Tgt Ion:117 Resp: 6696
Ion Ratio Lower Upper
117 100
119 4.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.910 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

Tgt Ion: 98 Resp: 197425
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.665 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX032011.D

Acq: 10 Oct 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

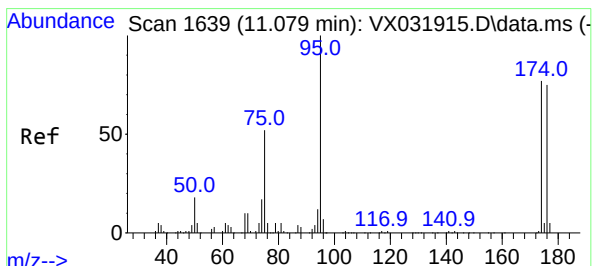
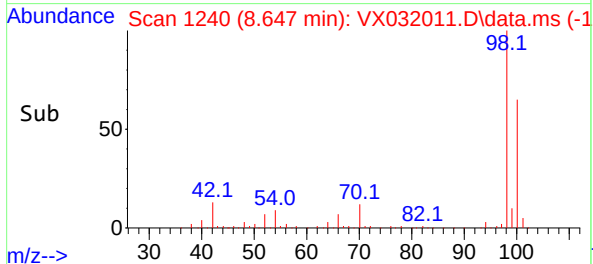
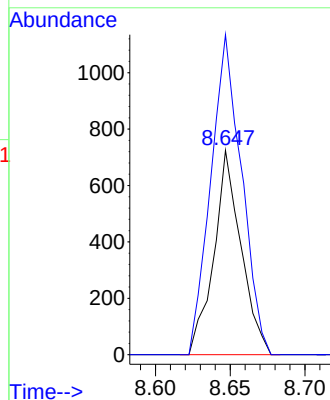
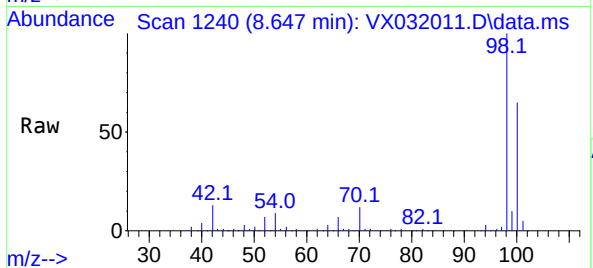
596C-1

Tgt Ion: 43 Resp: 917

Ion Ratio Lower Upper

43 100

58 177.5 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 46.684 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032011.D

Acq: 10 Oct 2022 14:44

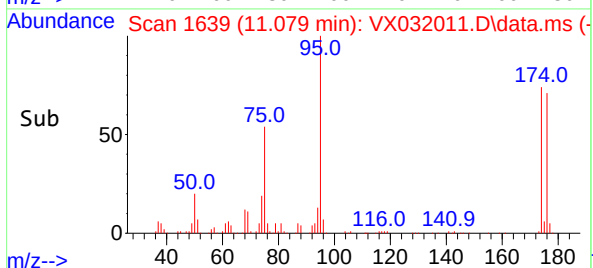
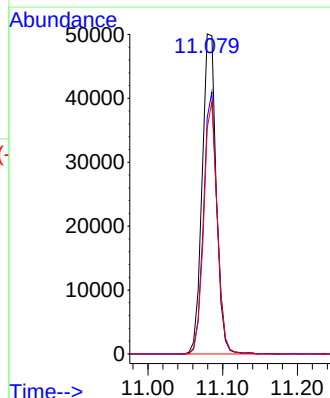
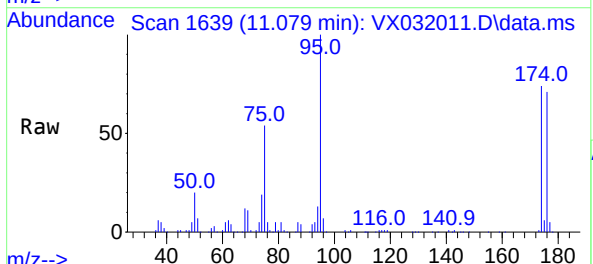
Tgt Ion: 95 Resp: 65284

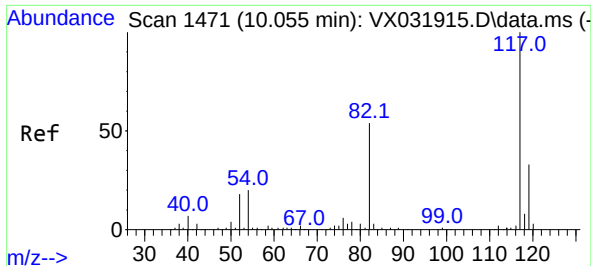
Ion Ratio Lower Upper

95 100

174 78.9 0.0 153.2

176 76.0 0.0 144.0

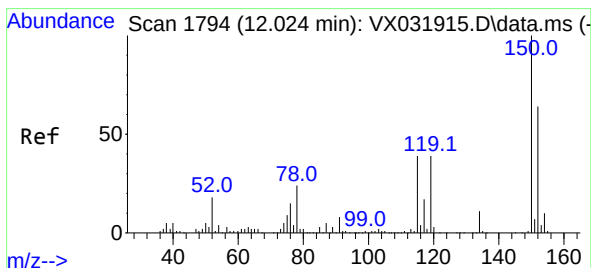
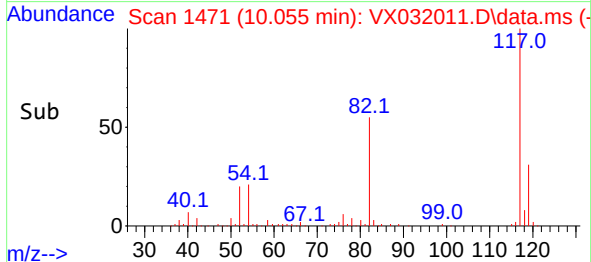
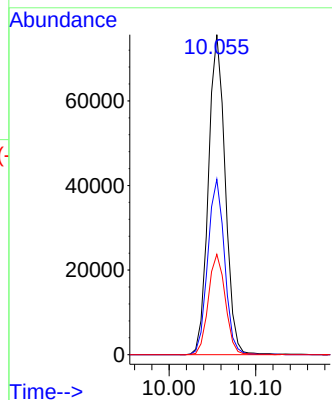
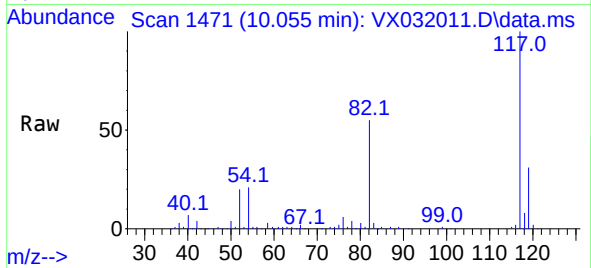




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

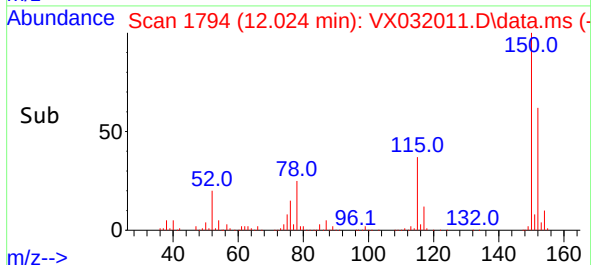
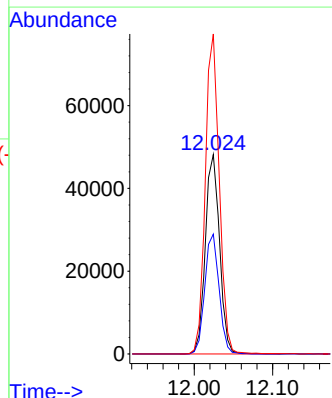
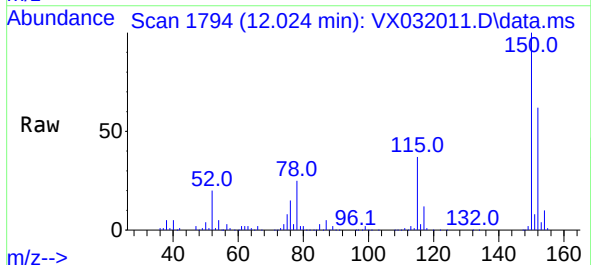
Instrument :
MSVOA_X
ClientSampleId :
596C-1

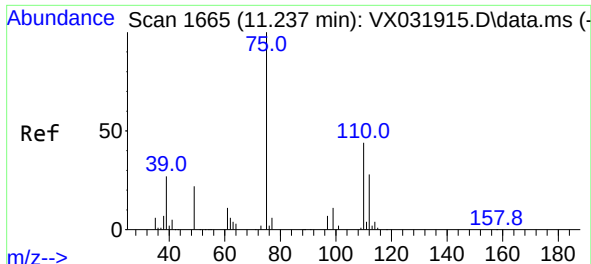
Tgt Ion:117 Resp: 102012
Ion Ratio Lower Upper
117 100
82 54.8 46.8 70.2
119 31.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

Tgt Ion:152 Resp: 60778
Ion Ratio Lower Upper
152 100
115 60.3 43.4 130.1
150 156.9 0.0 346.8

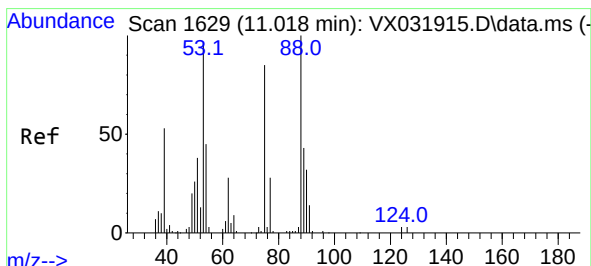
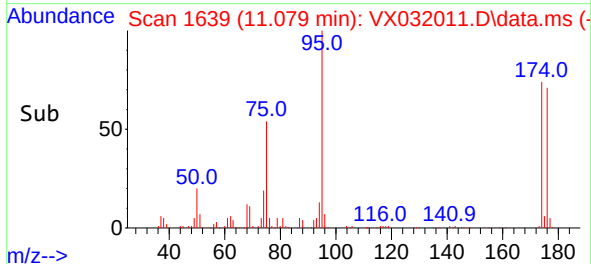
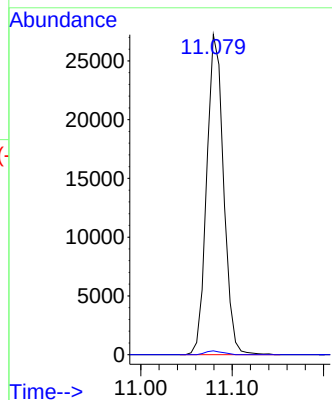
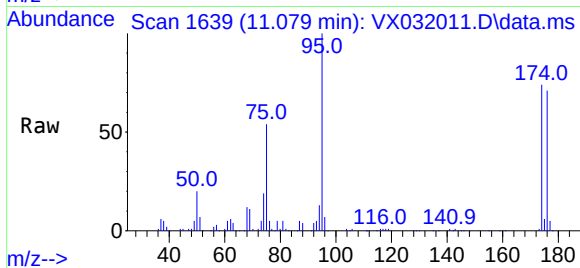




#76
1,2,3-Trichloropropane
Concen: 27.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

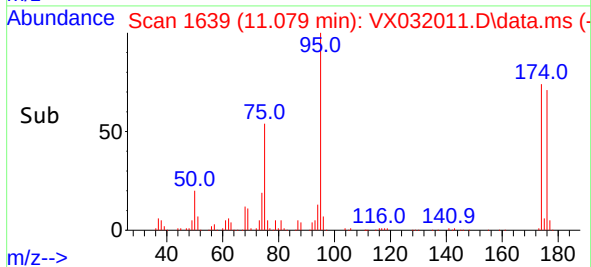
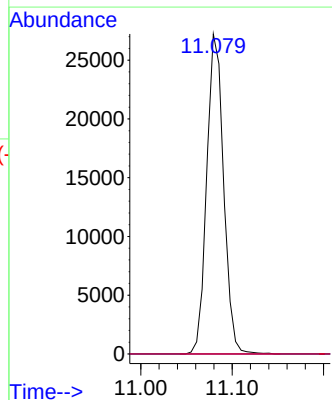
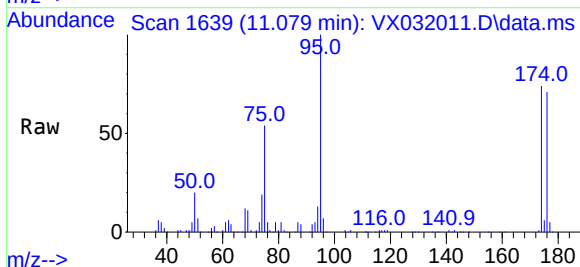
Instrument :
MSVOA_X
ClientSampleId :
596C-1

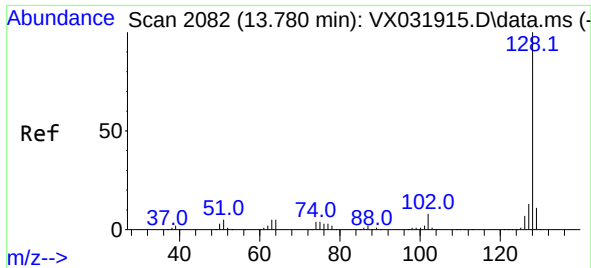
Tgt Ion: 75 Resp: 34821
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

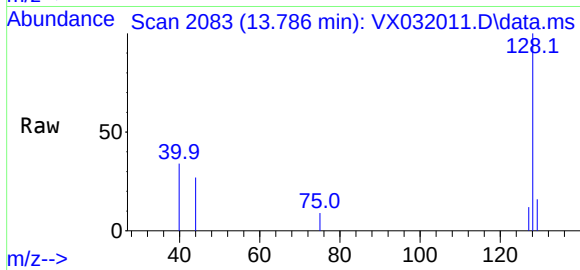
Tgt Ion: 75 Resp: 34821
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 0.202 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX032011.D
Acq: 10 Oct 2022 14:44

Instrument :
MSVOA_X
ClientSampleId :
596C-1



Tgt Ion:	128	Resp:	898
Ion	Ratio	Lower	Upper
128	100		
127	5.9	10.4	15.6#
129	7.0	8.8	13.2#

