

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032014.D
 Acq On : 10 Oct 2022 15:54
 Operator : JC/MD
 Sample : N5052-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 551B-2

Quant Time: Oct 11 05:12:06 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	63921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58654	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64780	49.072	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.140%
35) Dibromofluoromethane	5.385	113	52778	48.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.653	98	193497	49.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.079	95	63288	45.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%

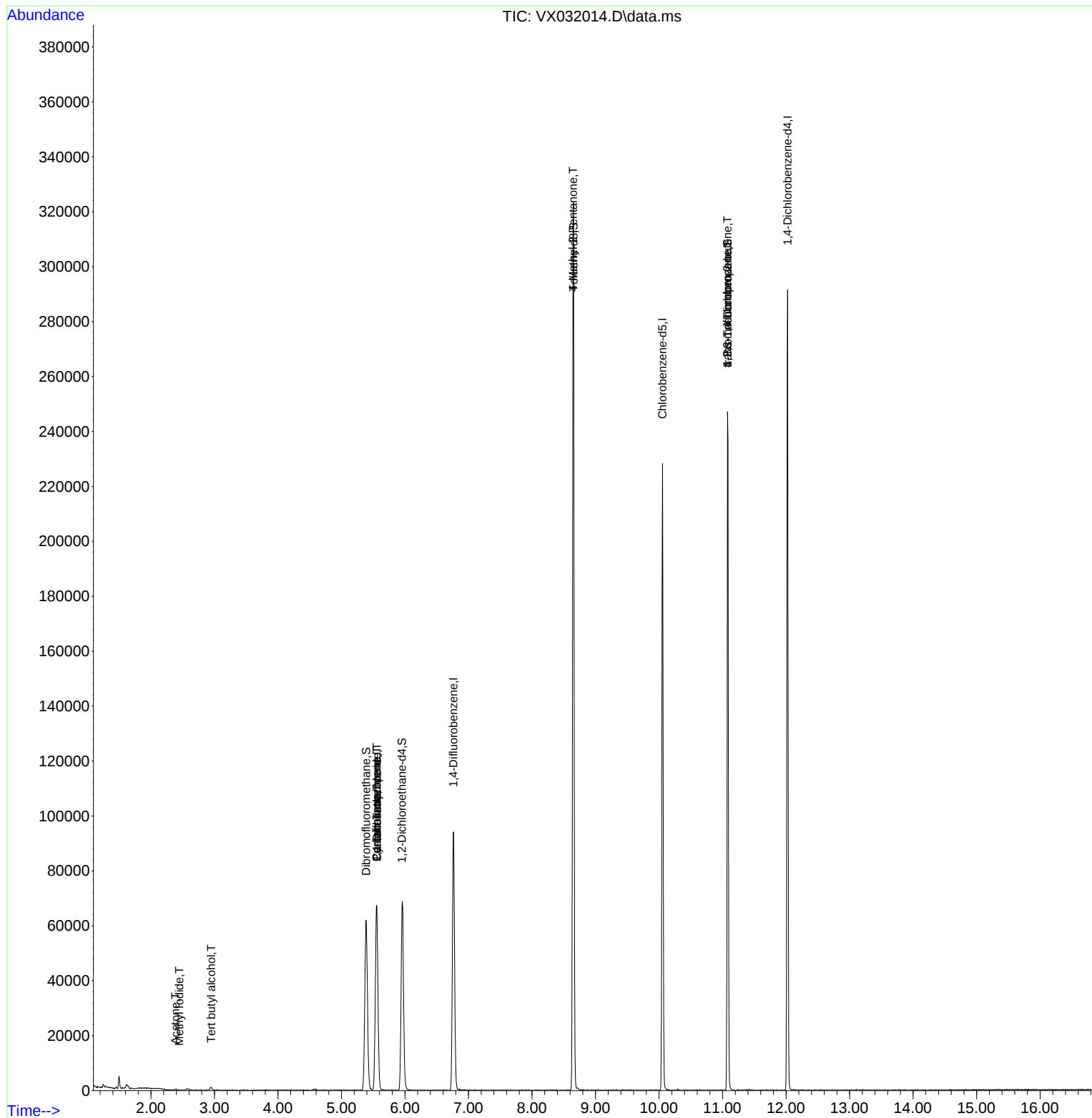
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	286	Below Cal	#	75
10) Methyl Iodide	2.447	142	19	2.772	ug/l #	38
11) Tert butyl alcohol	2.946	59	730	4.445	ug/l #	73
16) Acetone	2.386	43	676	1.507	ug/l #	89
31) Cyclohexane	5.556	56	1387	0.880	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	5019	3.499	ug/l #	51
38) Carbon Tetrachloride	5.556	117	6801	4.638	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	889	0.655	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33551	27.910	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33551	95.514	ug/l #	11

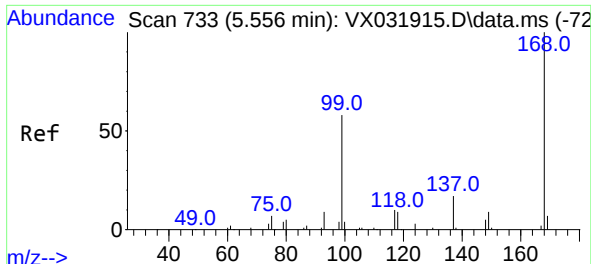
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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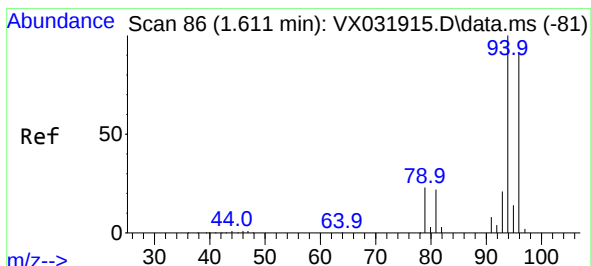
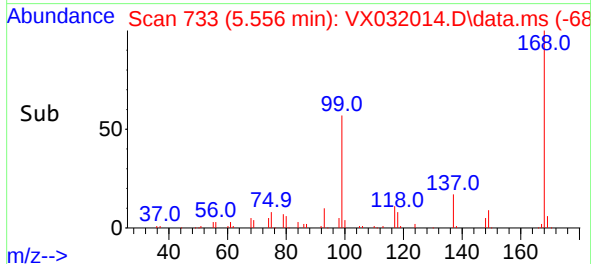
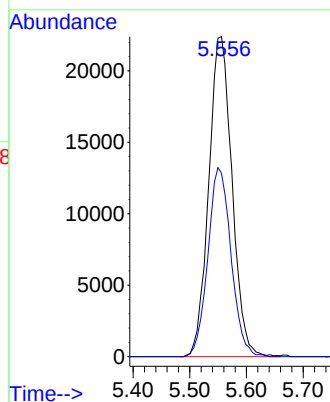
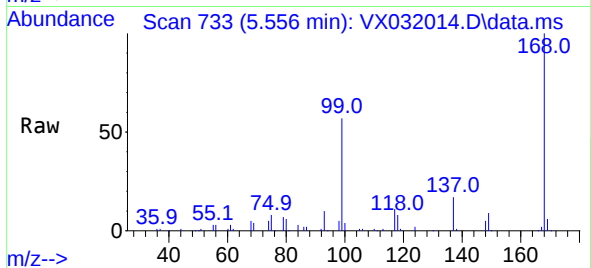




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

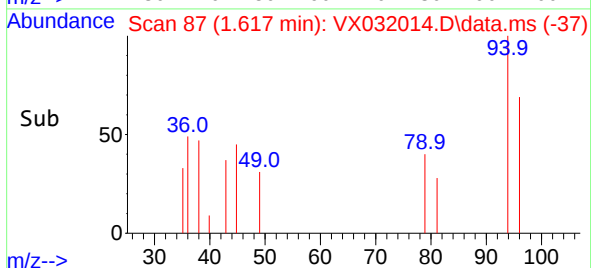
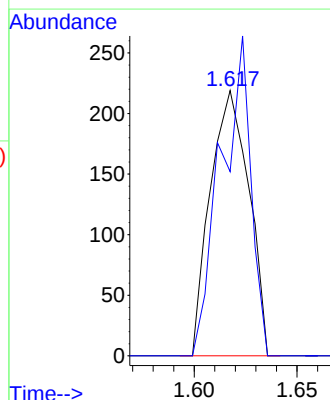
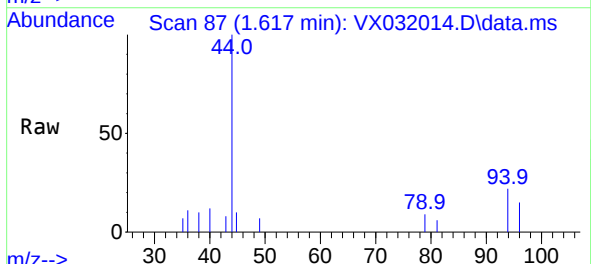
Instrument :
MSVOA_X
ClientSampleId :
551B-2

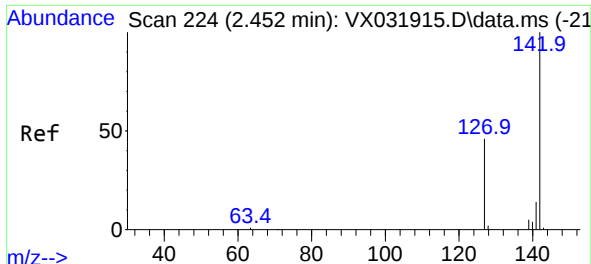
Tgt Ion:168 Resp: 63921
Ion Ratio Lower Upper
168 100
99 57.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 69.4 74.4 111.6#

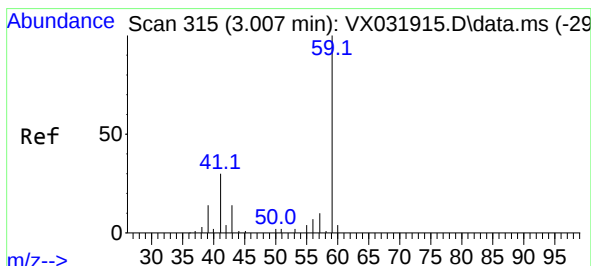
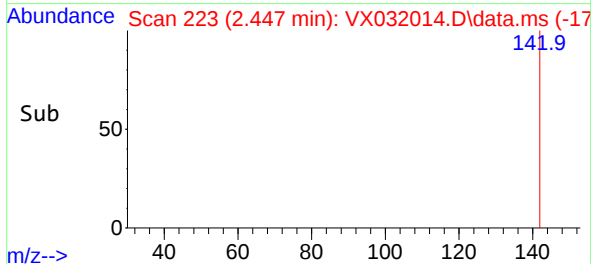
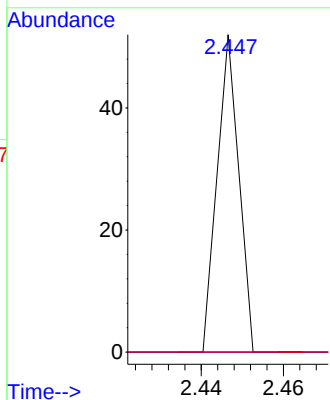
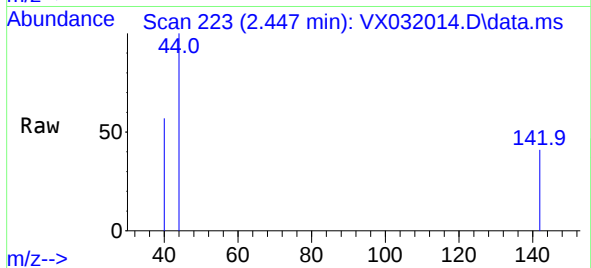




#10
Methyl Iodide
Concen: 2.772 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

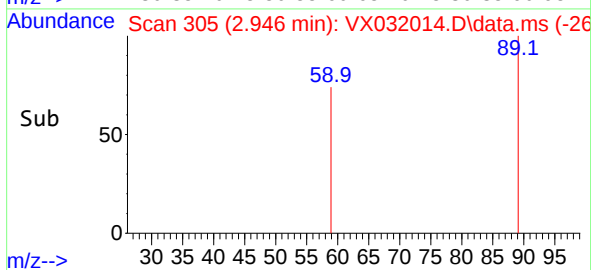
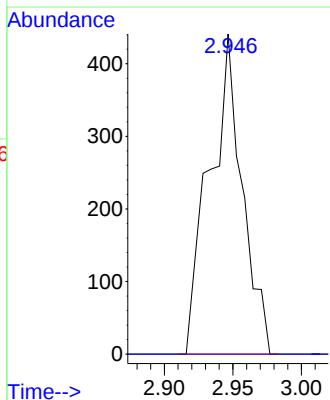
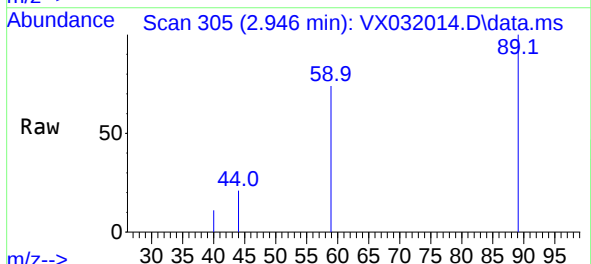
Instrument :
MSVOA_X
ClientSampleId :
551B-2

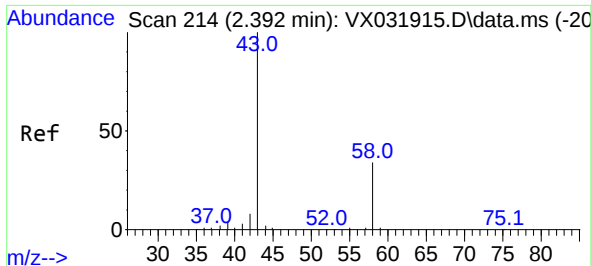
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4.445 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

Tgt Ion: 59 Resp: 730
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

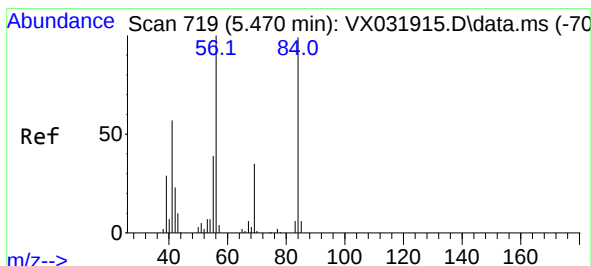
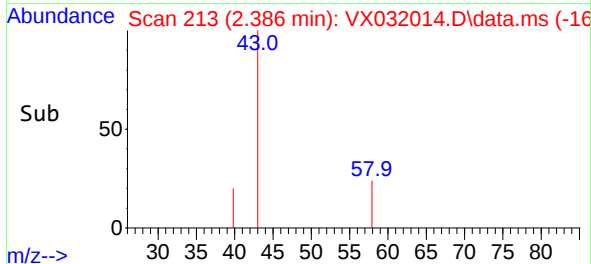
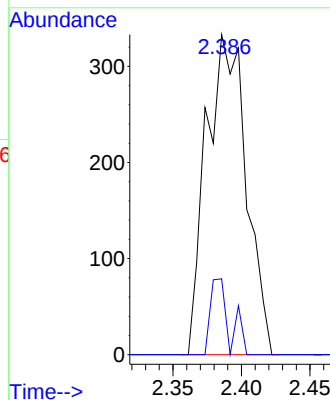
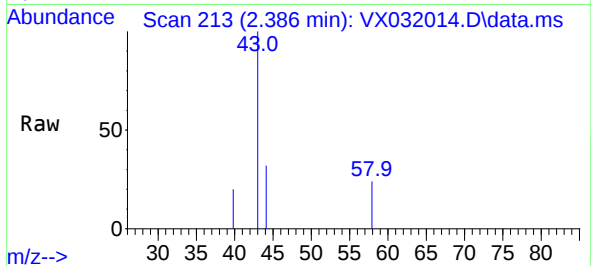




#16
Acetone
Concen: 1.507 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

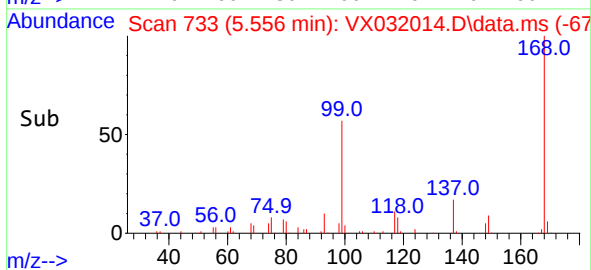
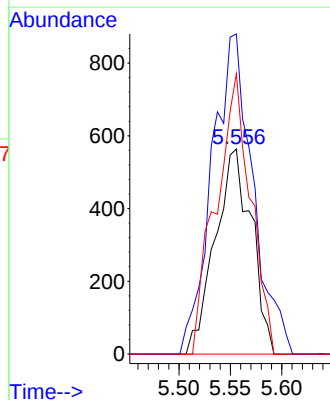
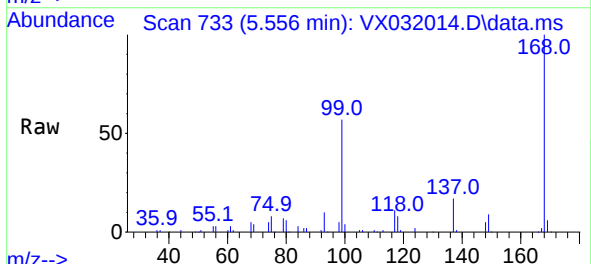
Instrument :
MSVOA_X
ClientSampleId :
551B-2

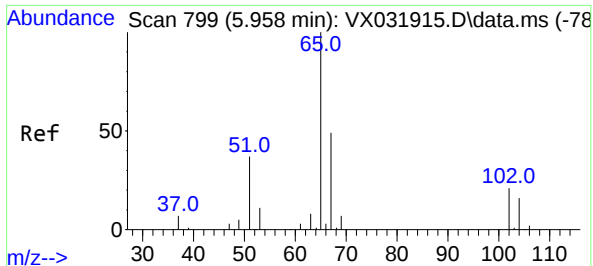
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 23.7 23.8 35.8#



#31
Cyclohexane
Concen: 0.880 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

Tgt Ion: 56 Resp: 1387
Ion Ratio Lower Upper
56 100
69 156.0 25.1 37.7#
84 136.7 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 49.072 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032014.D

Acq: 10 Oct 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

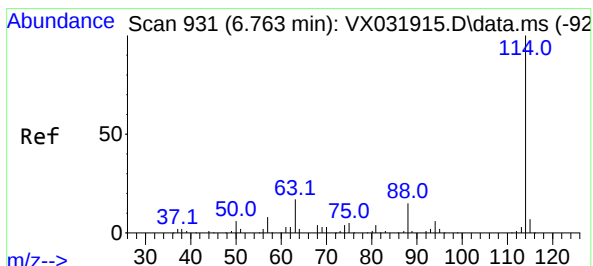
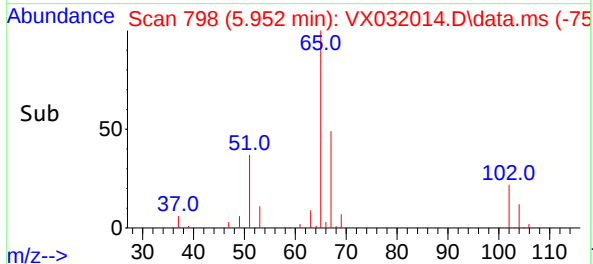
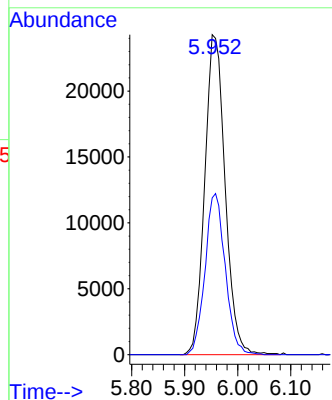
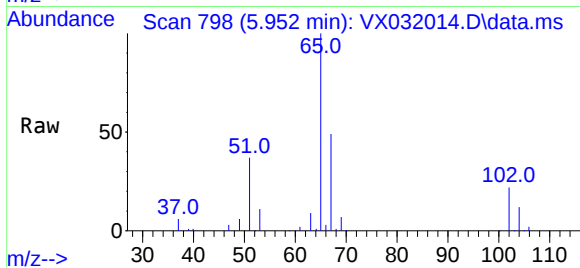
551B-2

Tgt Ion: 65 Resp: 64780

Ion Ratio Lower Upper

65 100

67 49.9 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: VX032014.D

Acq: 10 Oct 2022 15:54

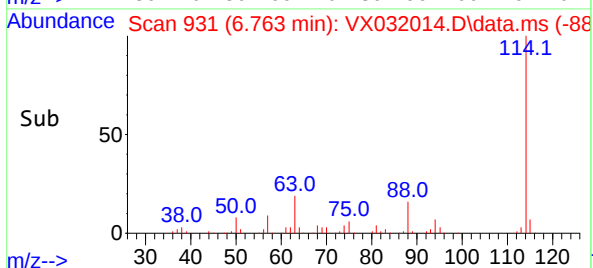
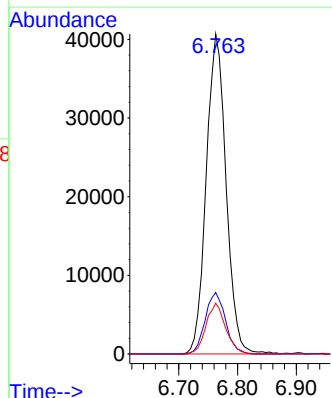
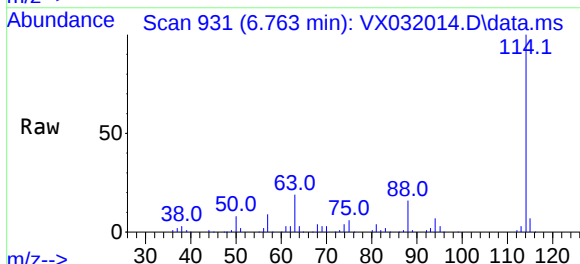
Tgt Ion: 114 Resp: 95553

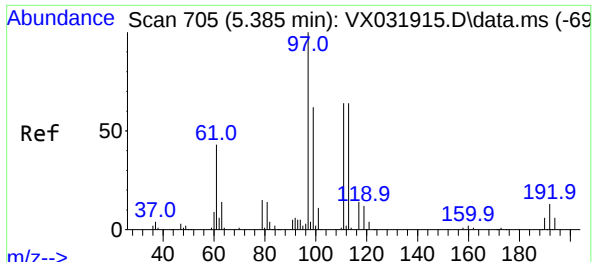
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 15.9 0.0 33.0

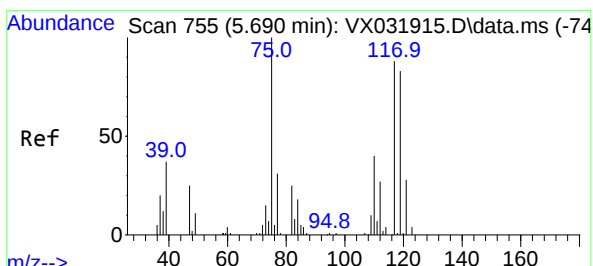
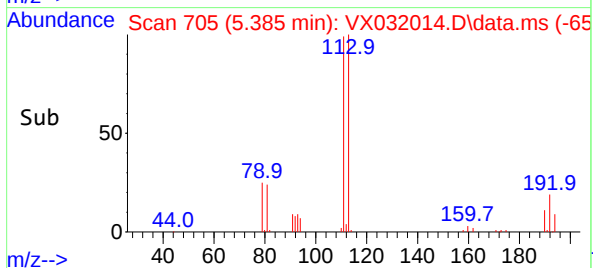
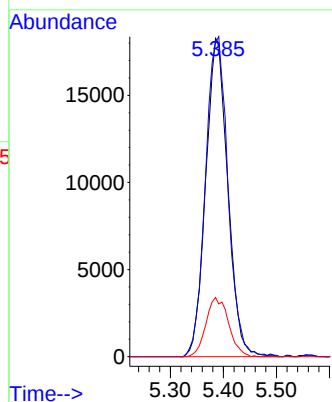
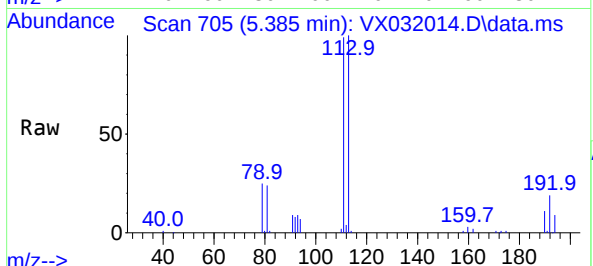




#35
Dibromofluoromethane
Concen: 48.796 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

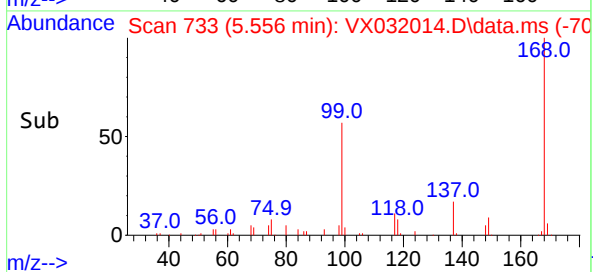
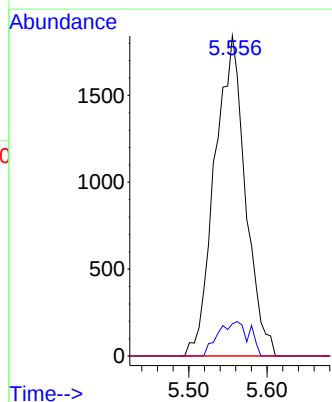
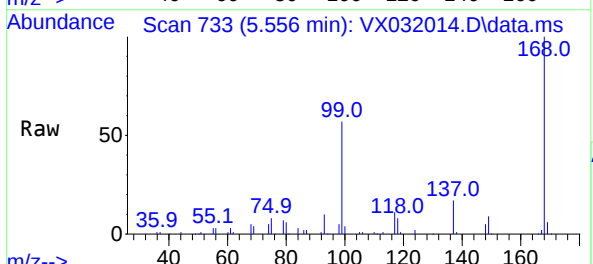
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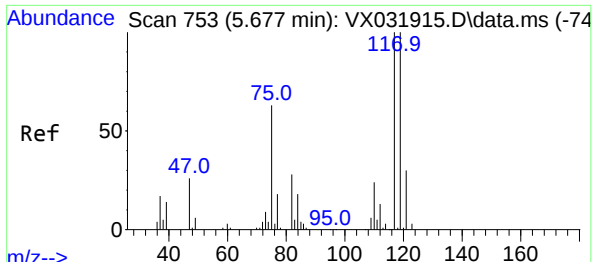
Tgt Ion:113 Resp: 52778
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.1 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.499 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

Tgt Ion: 75 Resp: 5019
Ion Ratio Lower Upper
75 100
110 10.9 17.5 52.5#
77 0.0 24.9 37.3#

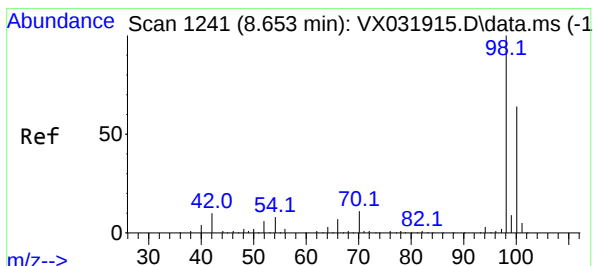
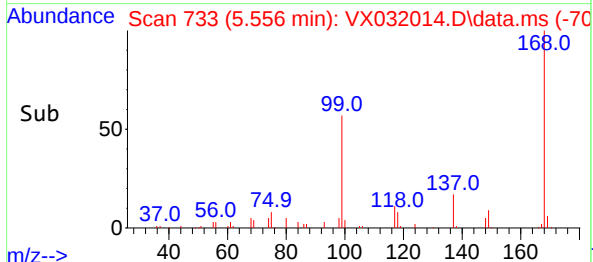
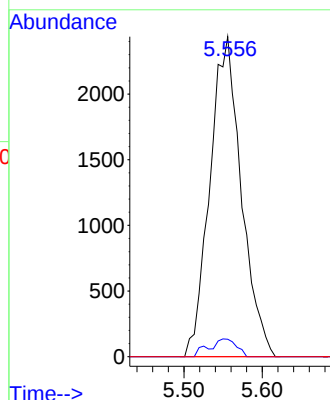
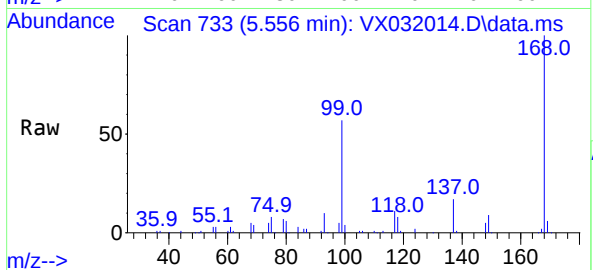




#38
Carbon Tetrachloride
Concen: 4.638 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

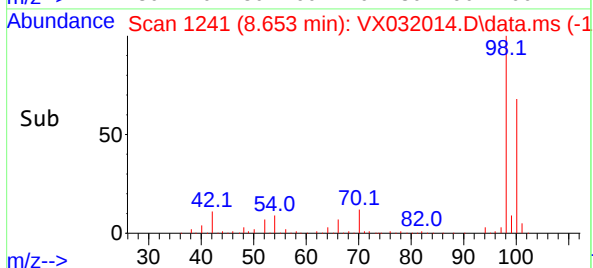
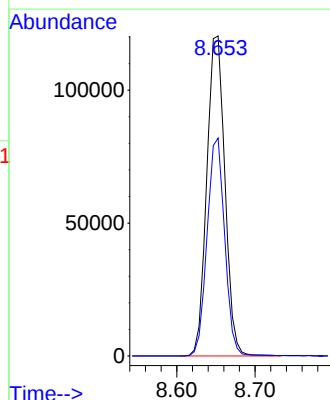
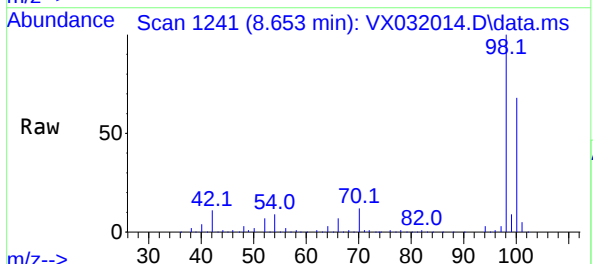
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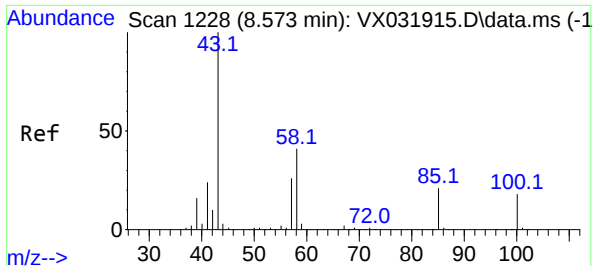
Tgt Ion:117 Resp: 6801
Ion Ratio Lower Upper
117 100
119 5.5 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.717 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

Tgt Ion: 98 Resp: 193497
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.655 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.074 min

Lab File: VX032014.D

Acq: 10 Oct 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

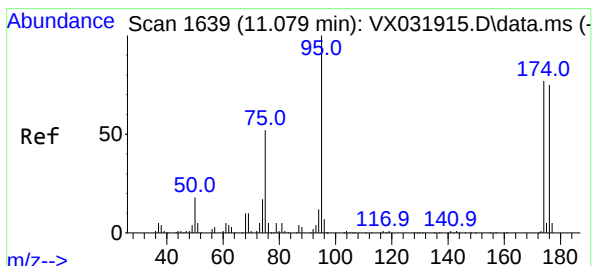
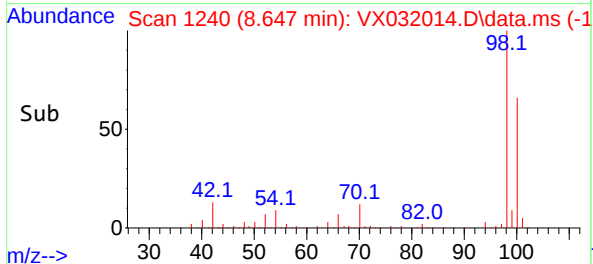
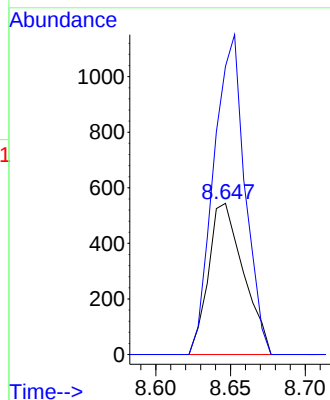
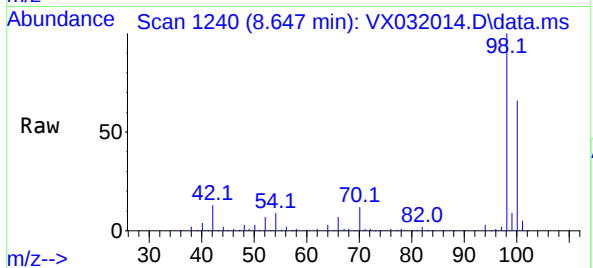
551B-2

Tgt Ion: 43 Resp: 889

Ion Ratio Lower Upper

43 100

58 188.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.997 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032014.D

Acq: 10 Oct 2022 15:54

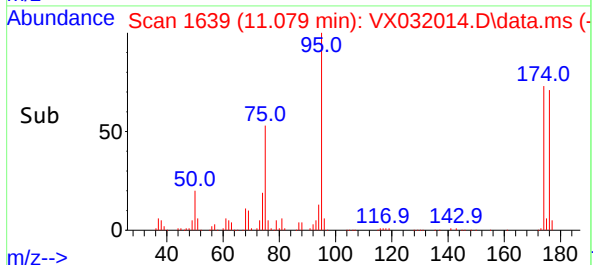
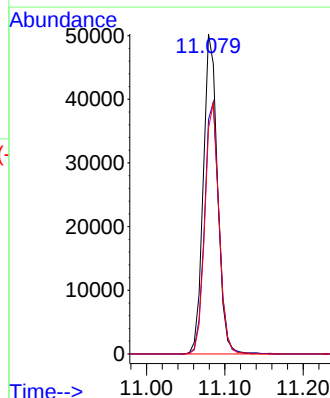
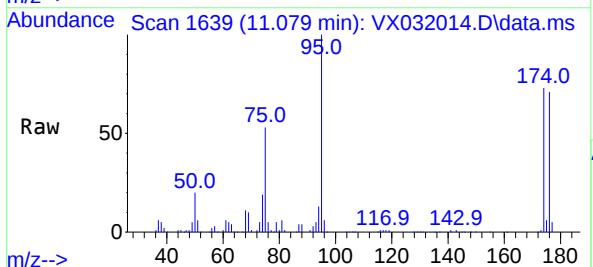
Tgt Ion: 95 Resp: 63288

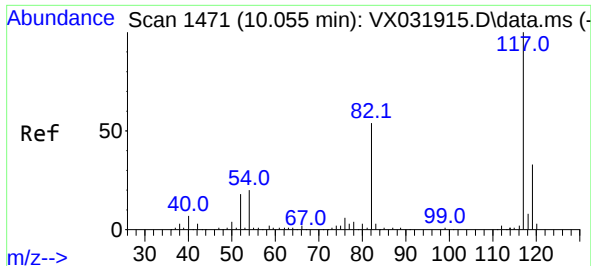
Ion Ratio Lower Upper

95 100

174 80.1 0.0 153.2

176 78.0 0.0 144.0

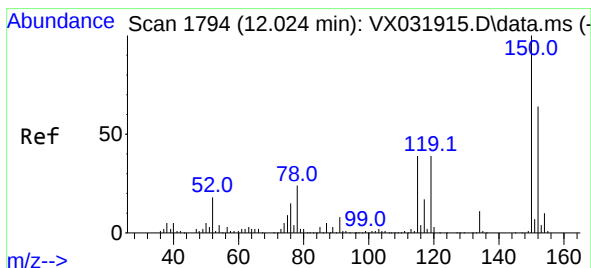
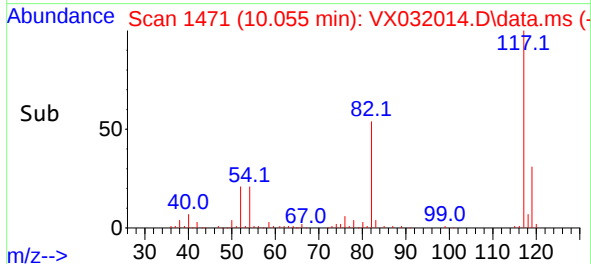
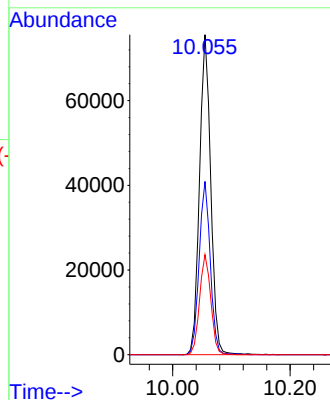
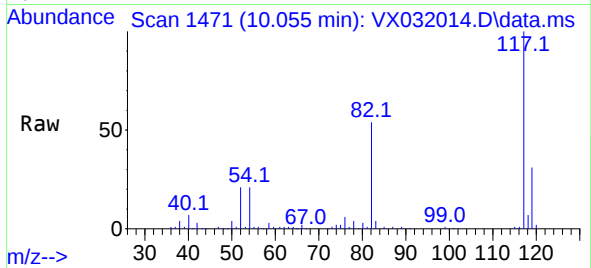




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

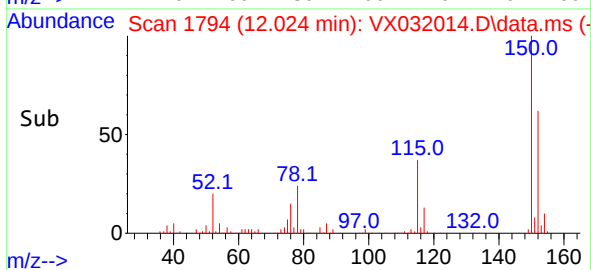
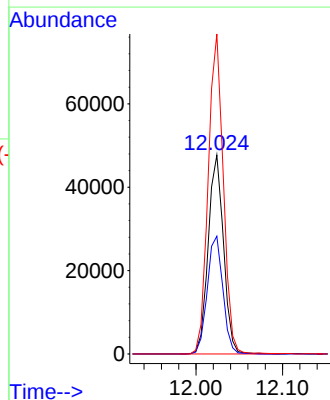
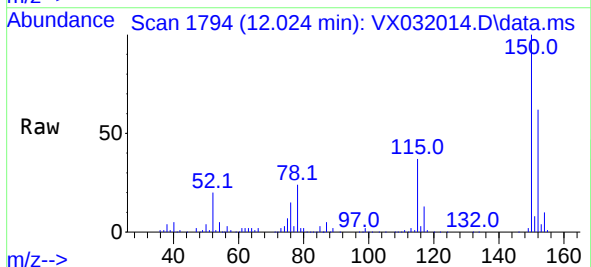
Instrument :
MSVOA_X
ClientSampleId :
551B-2

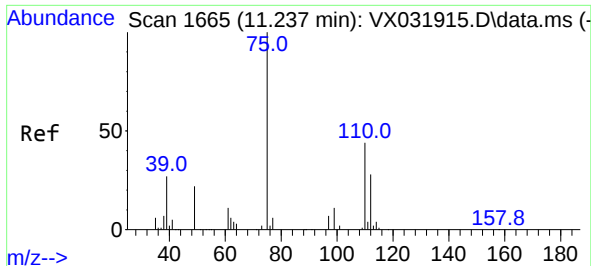
Tgt Ion:117 Resp: 100377
Ion Ratio Lower Upper
117 100
82 54.2 46.8 70.2
119 31.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

Tgt Ion:152 Resp: 58654
Ion Ratio Lower Upper
152 100
115 60.4 43.4 130.1
150 158.5 0.0 346.8

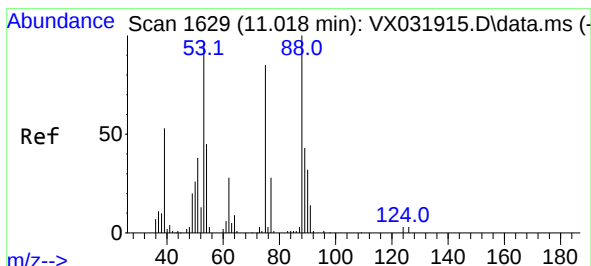
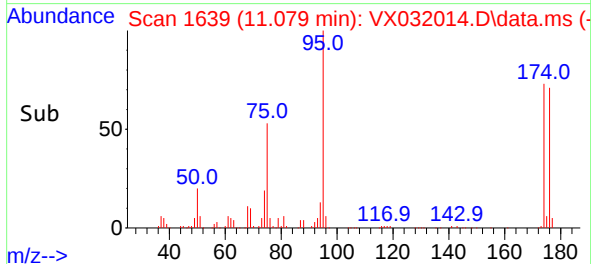
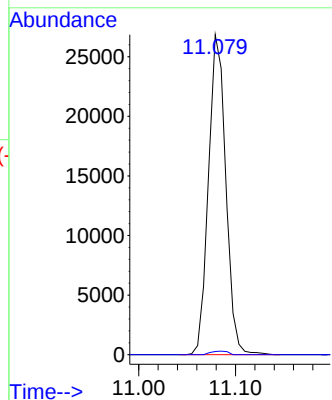
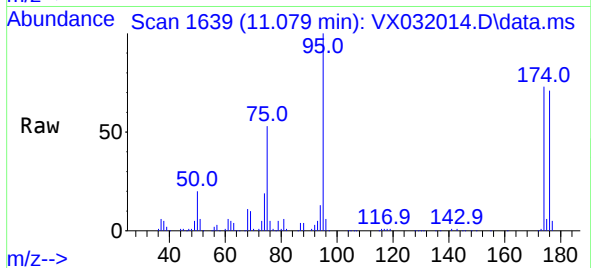




#76
1,2,3-Trichloropropane
Concen: 27.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
551B-2

Tgt Ion: 75 Resp: 33551
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032014.D
Acq: 10 Oct 2022 15:54

Tgt Ion: 75 Resp: 33551
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

