

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032126.D
 Acq On : 14 Oct 2022 11:12
 Operator : JC/MD
 Sample : VX1014WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBL01

Quant Time: Oct 17 02:22:05 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)

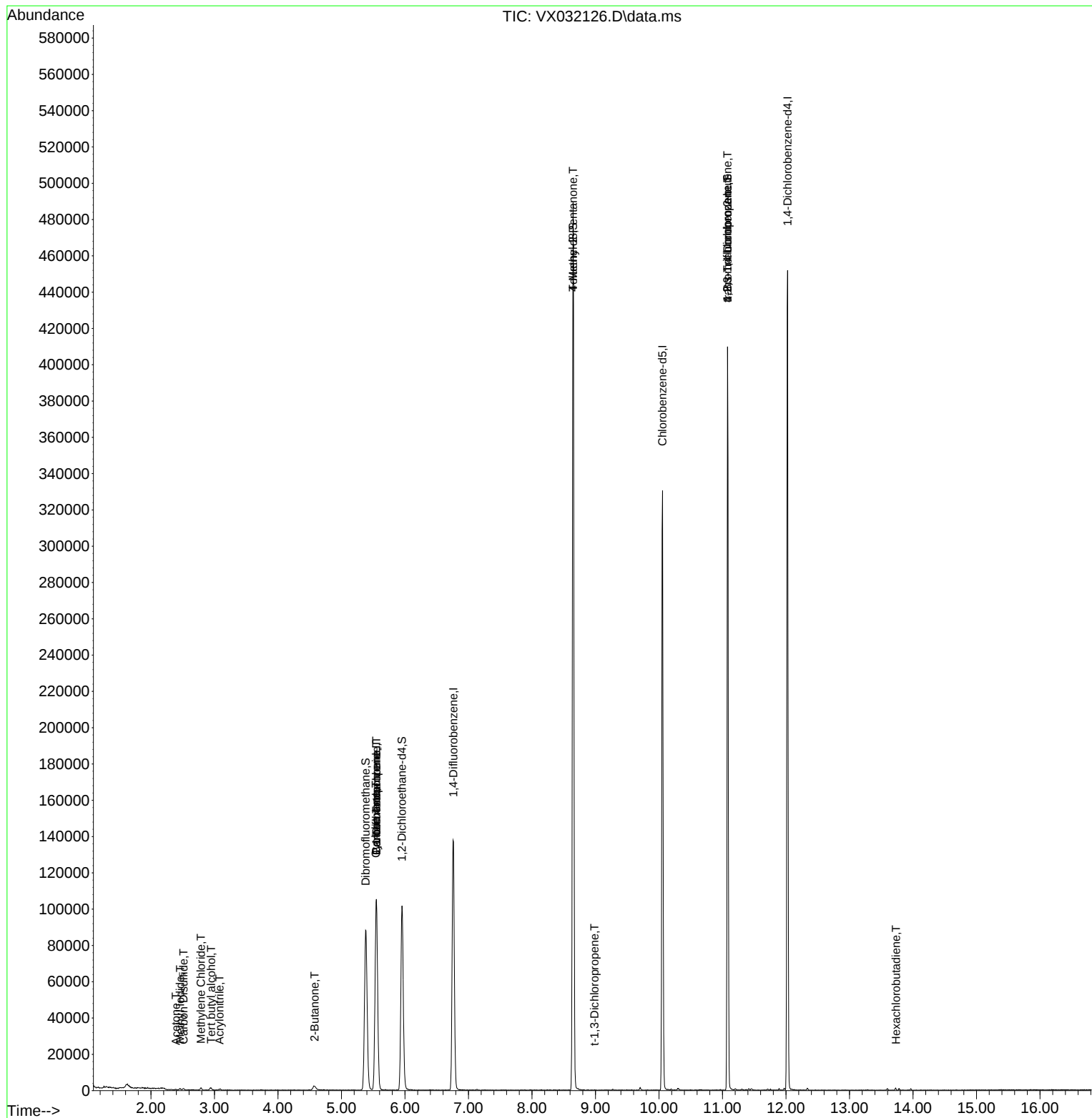
Internal Standards						
1) Pentafluorobenzene	5.550	168	94921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100316	51.173	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.340%
35) Dibromofluoromethane	5.379	113	75764	47.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.680%
50) Toluene-d8	8.647	98	279817	49.103	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	99909	49.592	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	386	Below Cal	#	80
10) Methyl Iodide	2.459	142	802	3.229	ug/l #	93
11) Tert butyl alcohol	2.947	59	795	3.260	ug/l #	73
15) Acrylonitrile	3.081	53	316	0.406	ug/l #	70
16) Acetone	2.392	43	333	0.500	ug/l #	45
17) Carbon Disulfide	2.514	76	1045	0.337	ug/l #	75
20) Methylene Chloride	2.788	84	584	0.334	ug/l	96
25) 2-Butanone	4.574	43	409	0.393	ug/l #	49
31) Cyclohexane	5.544	56	2353	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8205	3.907	ug/l #	52
38) Carbon Tetrachloride	5.550	117	10549	4.913	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1465	0.737	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	142	1.271	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	56059	31.389	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	56059	106.971	ug/l #	11
94) Hexachlorobutadiene	13.731	225	255	0.339	ug/l	82

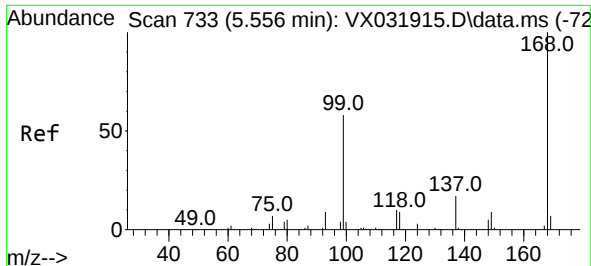
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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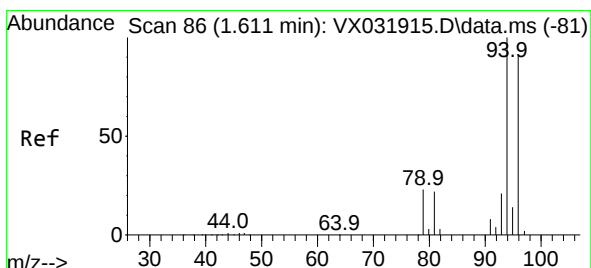
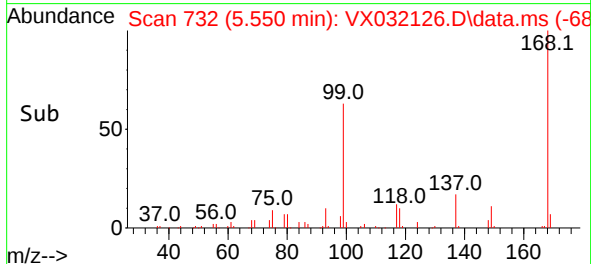
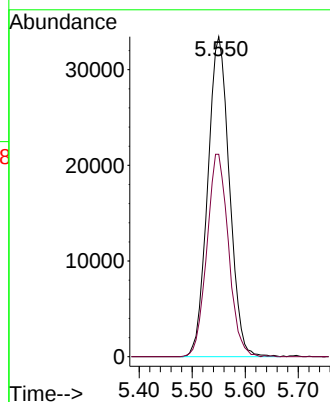
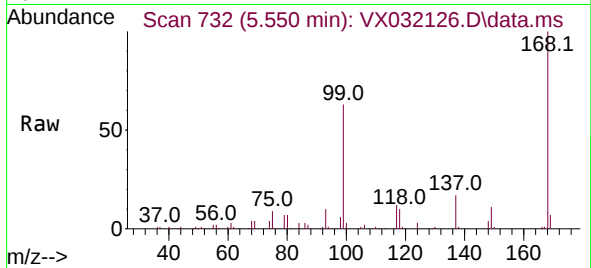




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

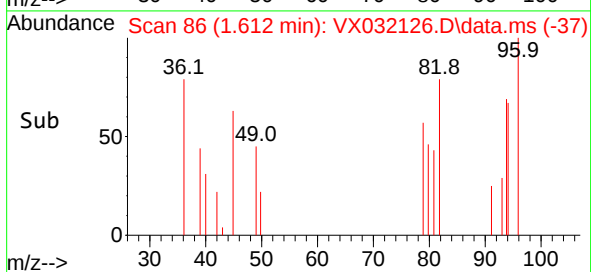
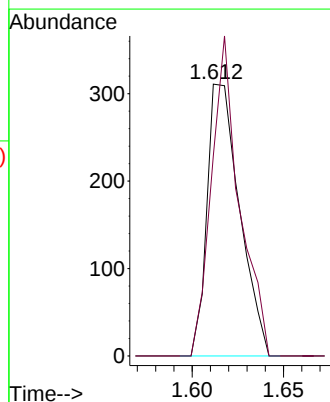
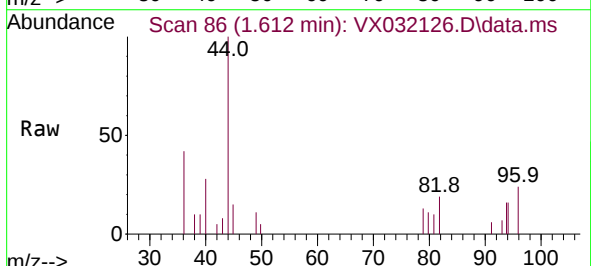
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

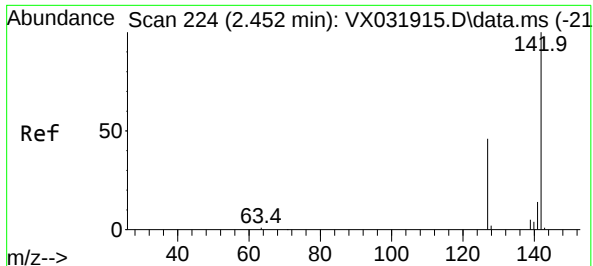
Tgt Ion:168 Resp: 94921
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 73.6 74.4 111.6#

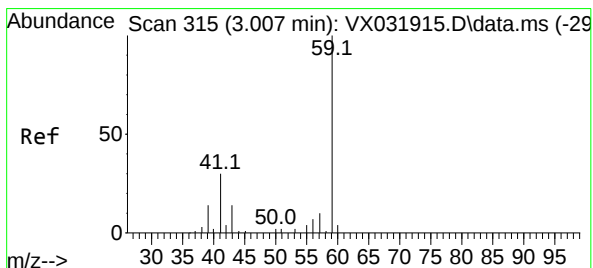
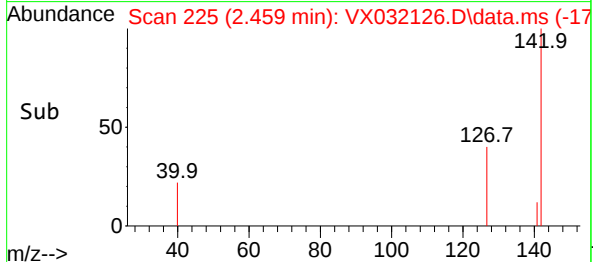
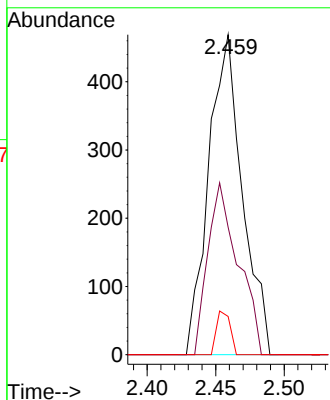
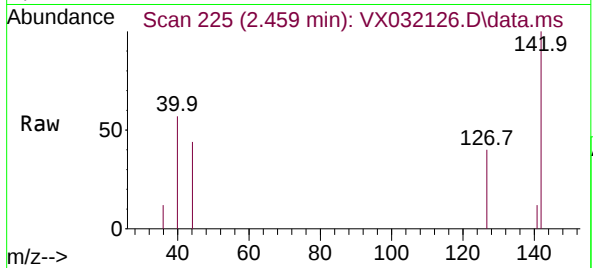




#10
Methyl Iodide
Concen: 3.229 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

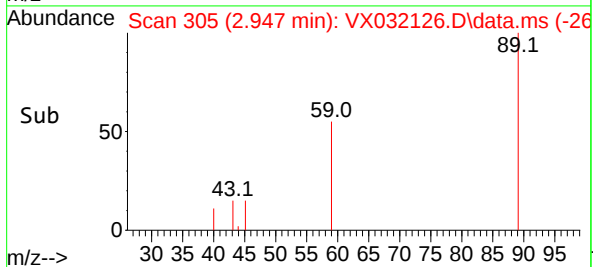
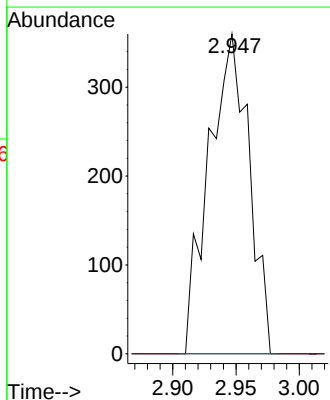
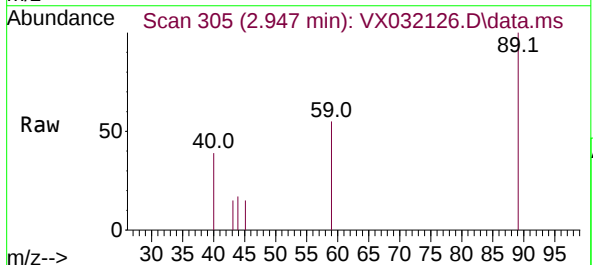
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

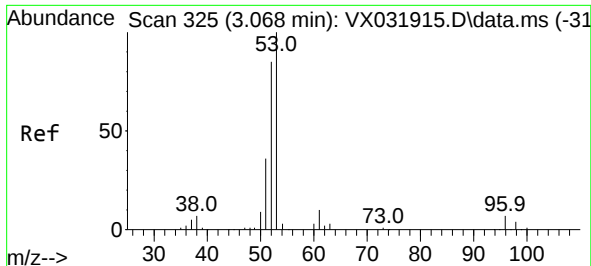
Tgt Ion:142 Resp: 802
Ion Ratio Lower Upper
142 100
127 48.3 37.4 56.0
141 5.5 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.260 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Tgt Ion: 59 Resp: 795
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#15

Acrylonitrile

Concen: 0.406 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX032126.D

Acq: 14 Oct 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBL01

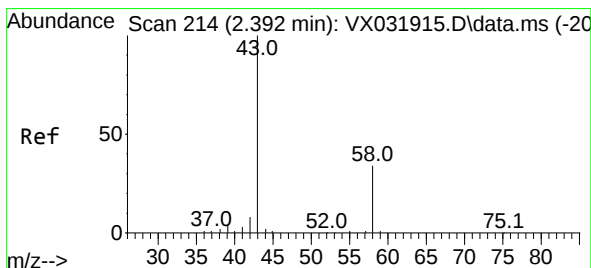
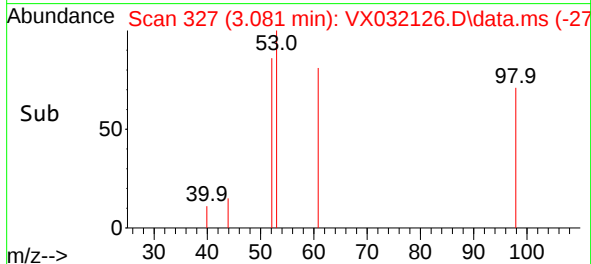
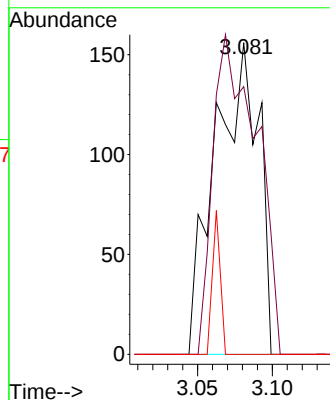
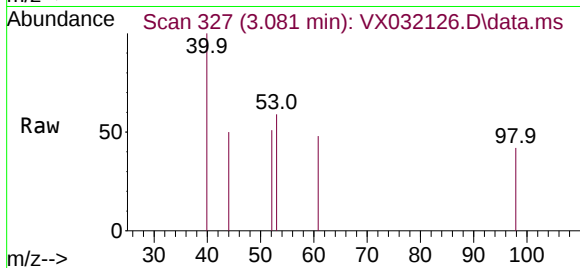
Tgt Ion: 53 Resp: 316

Ion Ratio Lower Upper

53 100

52 102.5 66.9 100.3#

51 8.2 30.0 45.0#



#16

Acetone

Concen: 0.500 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX032126.D

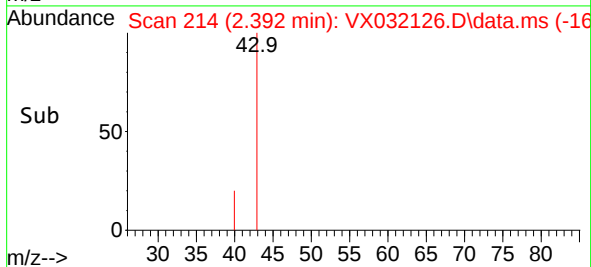
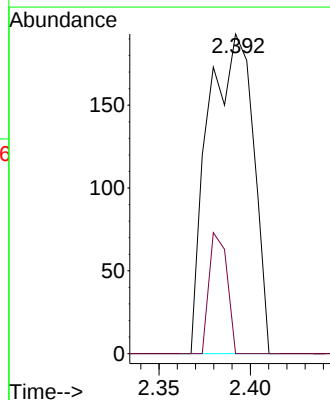
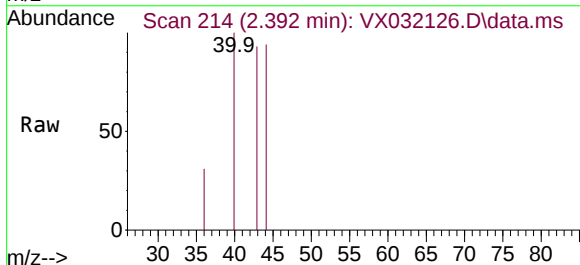
Acq: 14 Oct 2022 11:12

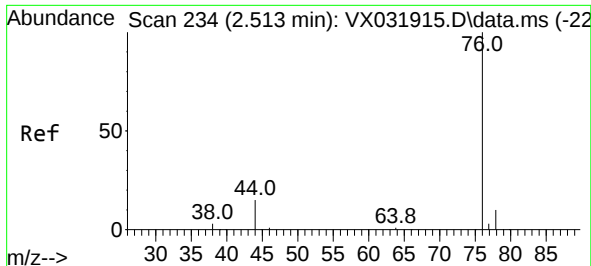
Tgt Ion: 43 Resp: 333

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

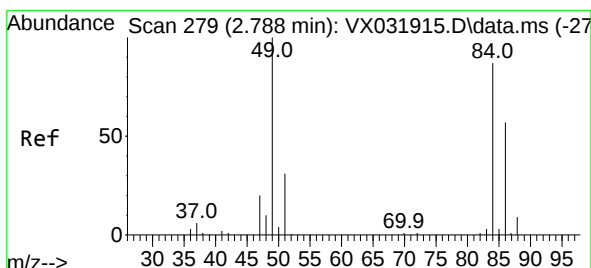
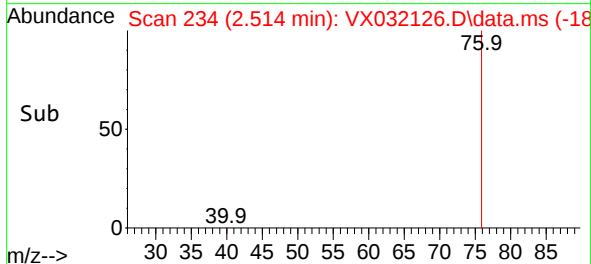
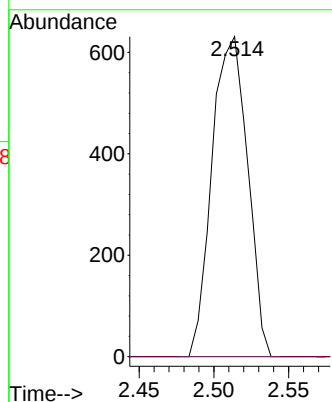
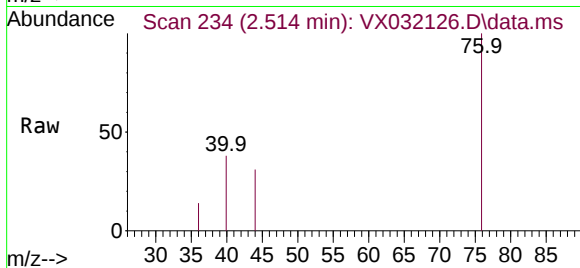




#17
Carbon Disulfide
Concen: 0.337 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

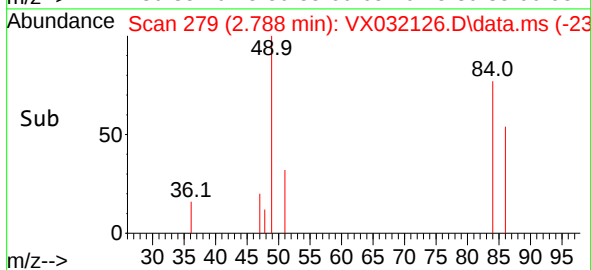
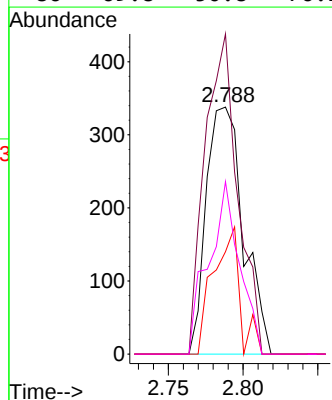
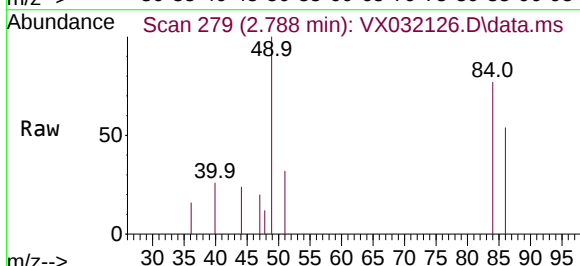
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

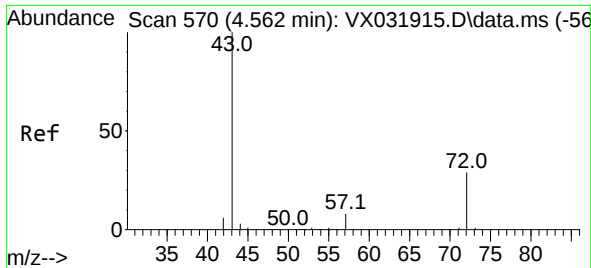
Tgt Ion: 76 Resp: 1045
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Tgt Ion: 84 Resp: 584
Ion Ratio Lower Upper
84 100
49 129.6 105.9 158.9
51 41.4 32.2 48.2
86 69.8 50.8 76.2

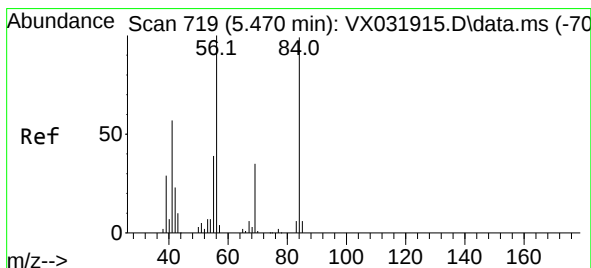
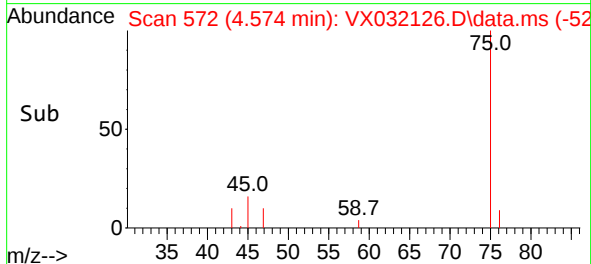
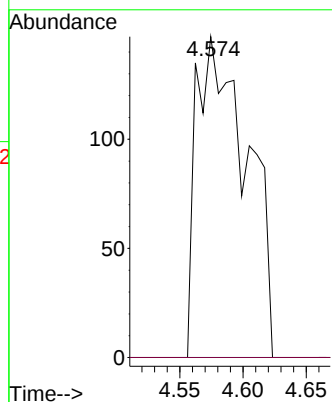
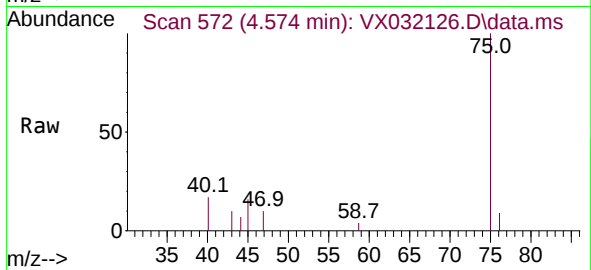




#25
2-Butanone
Concen: 0.393 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

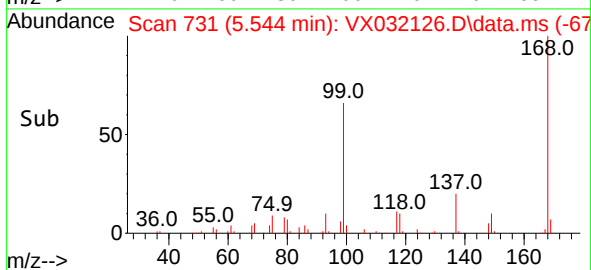
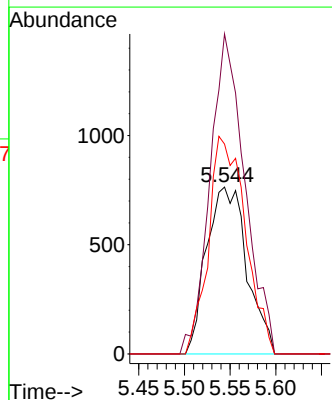
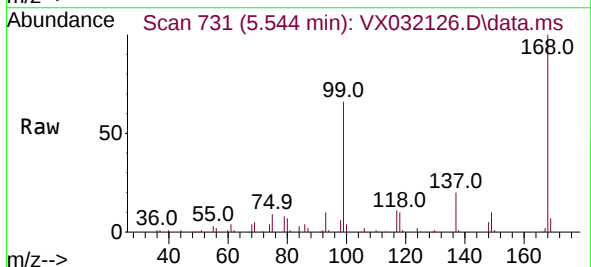
Instrument :
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ClientSampleId :
VX1014WBL01

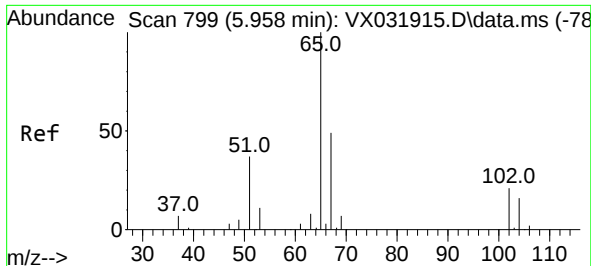
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Tgt Ion: 56 Resp: 2353
Ion Ratio Lower Upper
56 100
69 191.8 25.1 37.7#
84 125.8 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 51.173 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032126.D

Acq: 14 Oct 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

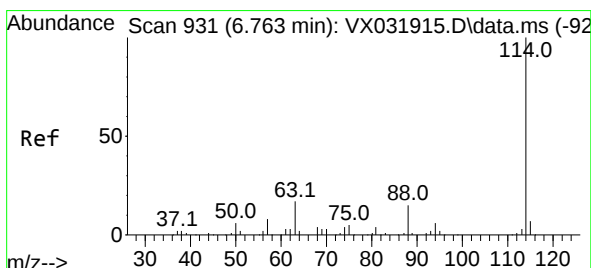
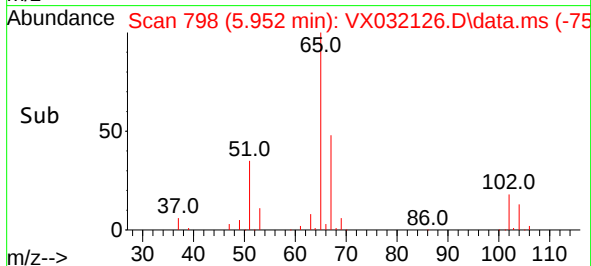
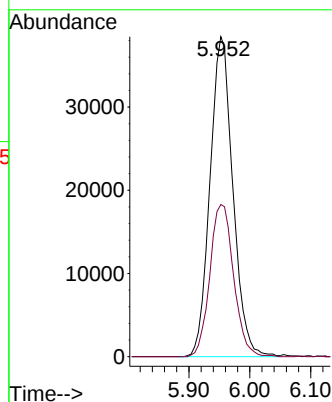
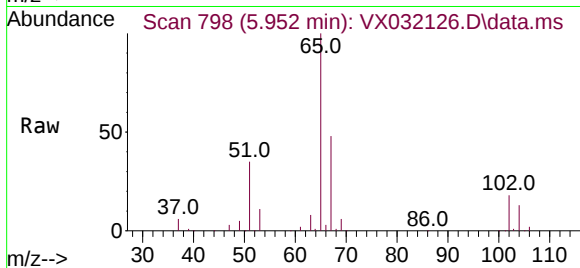
VX1014WBL01

Tgt Ion: 65 Resp: 100316

Ion Ratio Lower Upper

65 100

67 49.4 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: VX032126.D

Acq: 14 Oct 2022 11:12

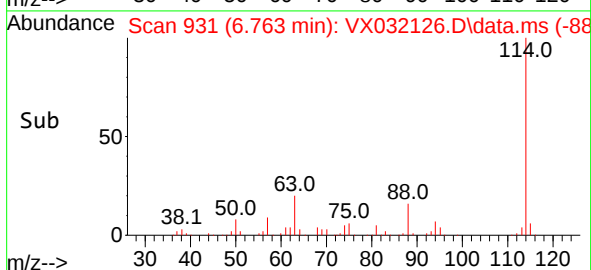
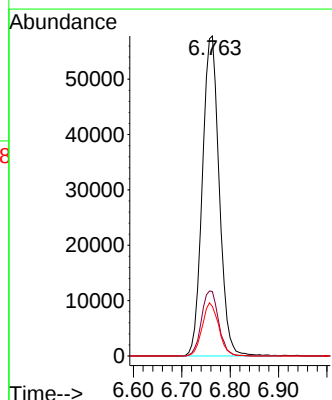
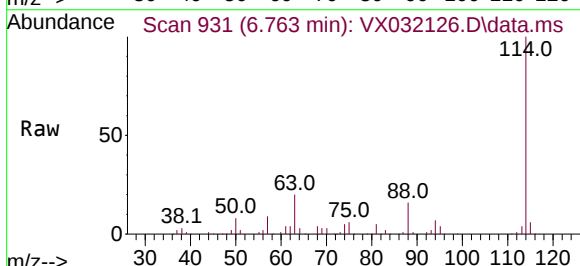
Tgt Ion: 114 Resp: 139907

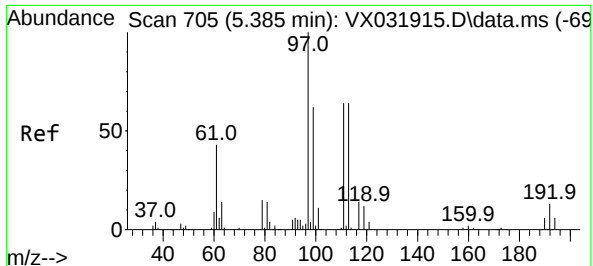
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.841 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX032126.D

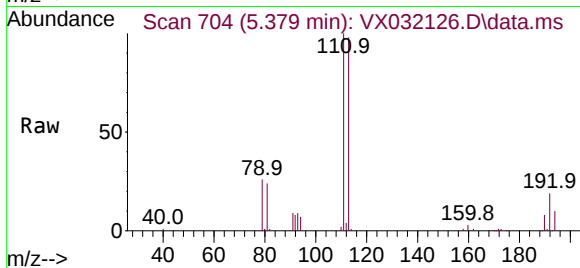
Acq: 14 Oct 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBL01



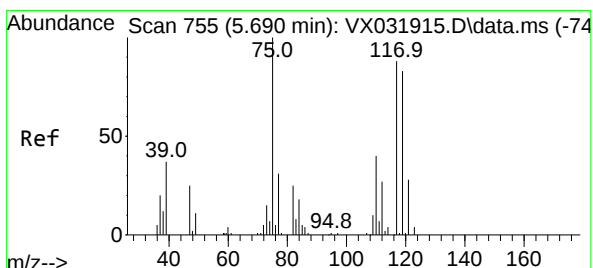
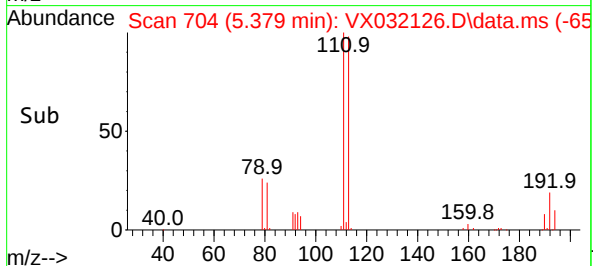
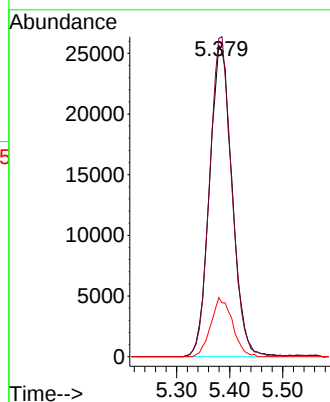
Tgt Ion:113 Resp: 75764

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

192 18.2 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.907 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX032126.D

Acq: 14 Oct 2022 11:12

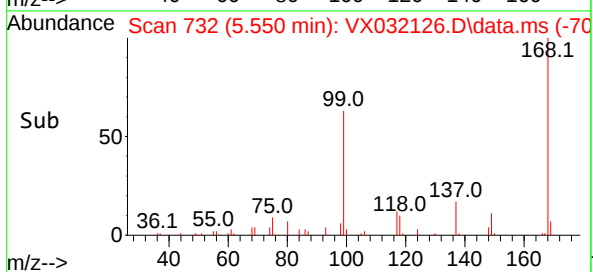
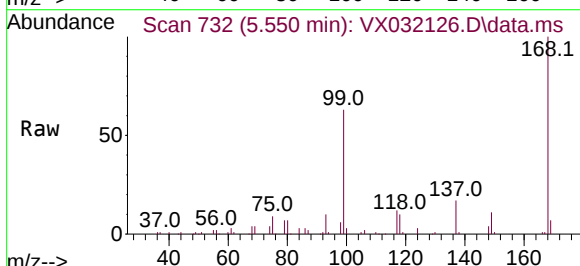
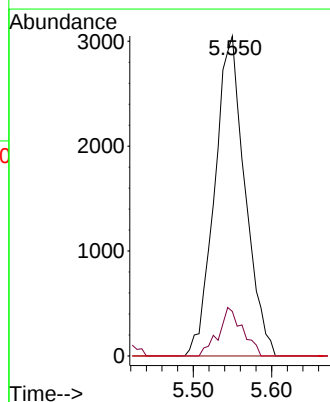
Tgt Ion: 75 Resp: 8205

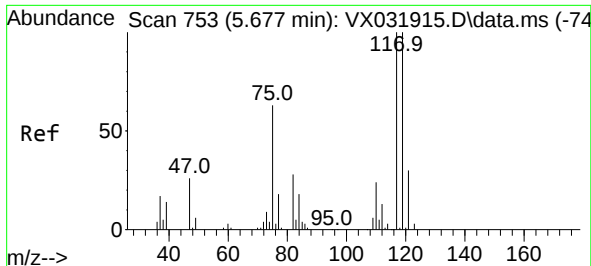
Ion Ratio Lower Upper

75 100

110 12.0 17.5 52.5#

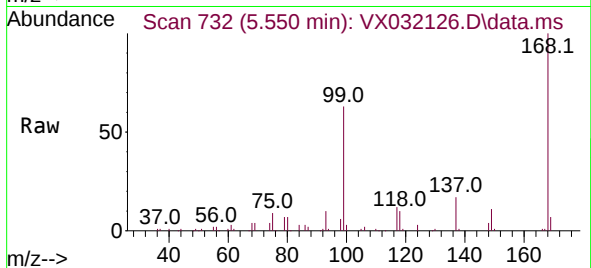
77 0.0 24.9 37.3#



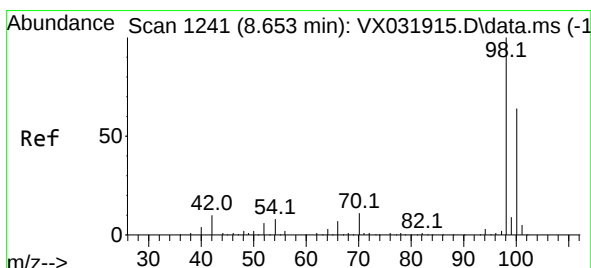
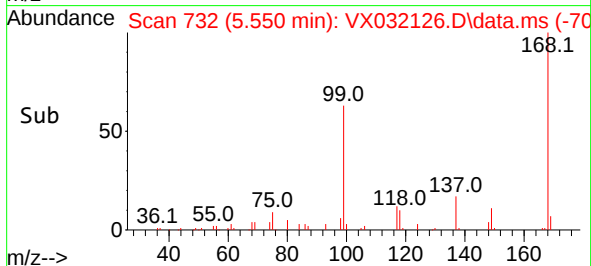
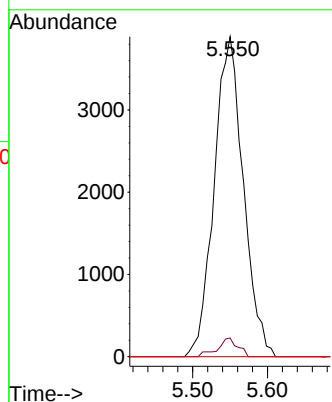


#38
Carbon Tetrachloride
Concen: 4.913 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

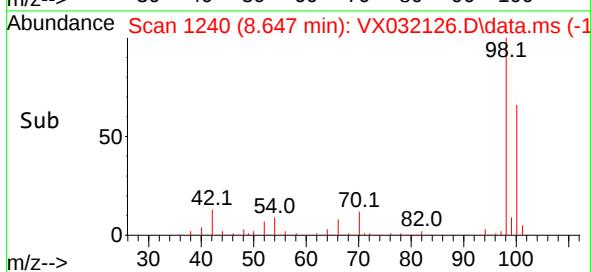
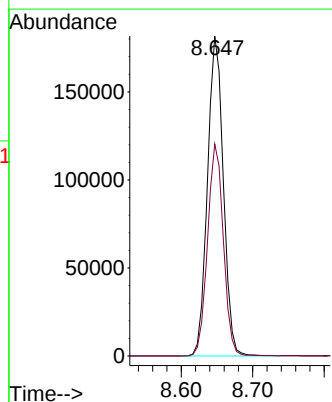
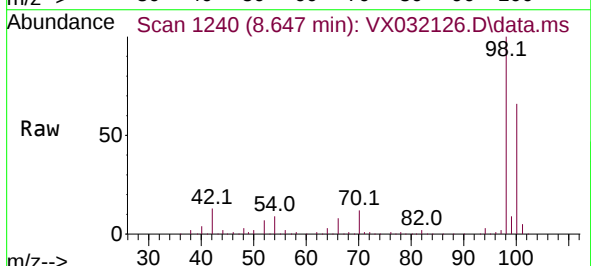


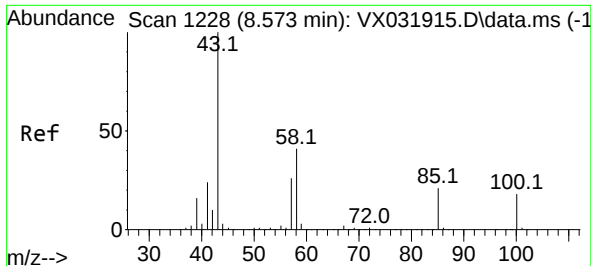
Tgt Ion:117 Resp: 10549
Ion Ratio Lower Upper
117 100
119 5.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.103 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Tgt Ion: 98 Resp: 279817
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.737 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX032126.D

Acq: 14 Oct 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

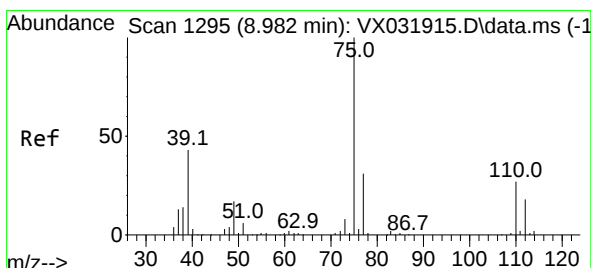
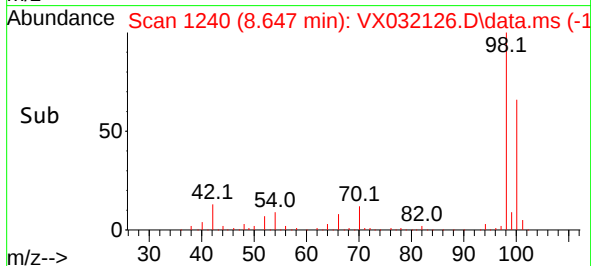
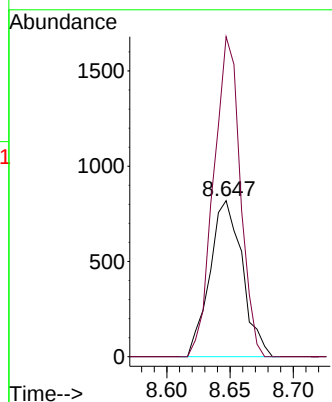
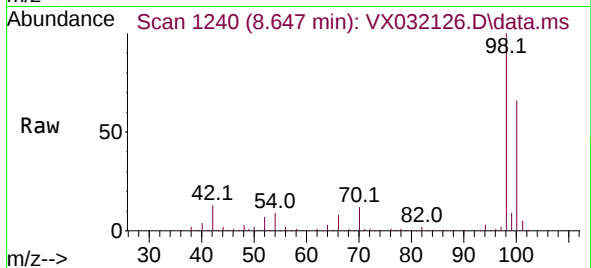
VX1014WBL01

Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

58 167.8 30.6 46.0#



#53

t-1,3-Dichloropropene

Concen: 1.271 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX032126.D

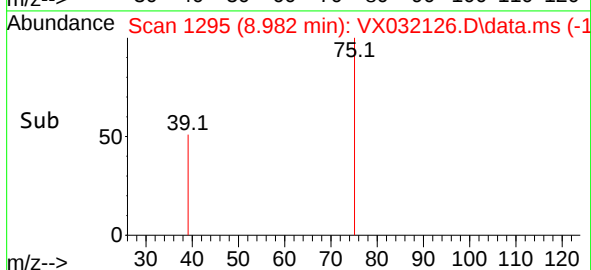
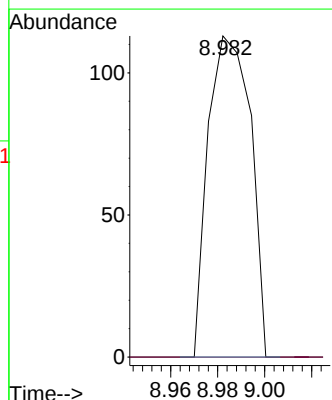
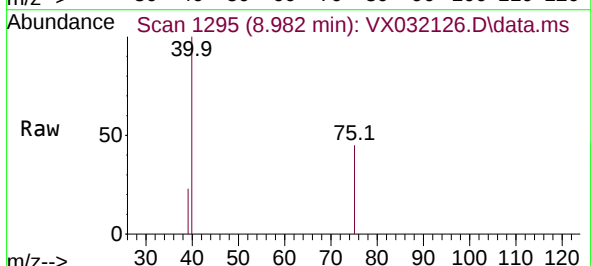
Acq: 14 Oct 2022 11:12

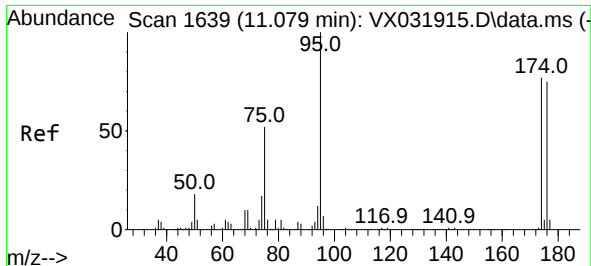
Tgt Ion: 75 Resp: 142

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

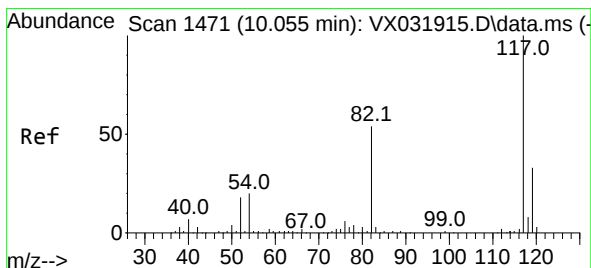
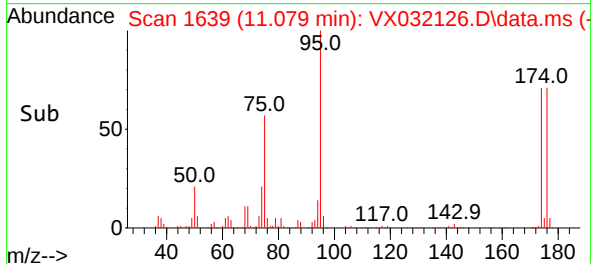
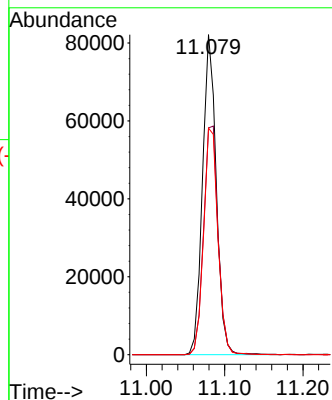
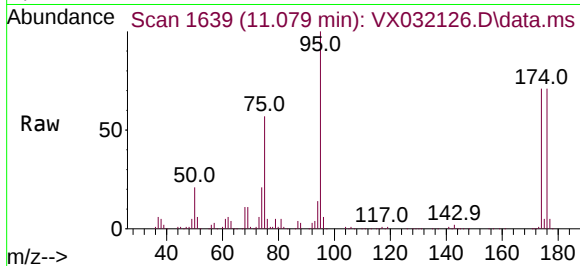




#62
4-Bromofluorobenzene
Concen: 49.592 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

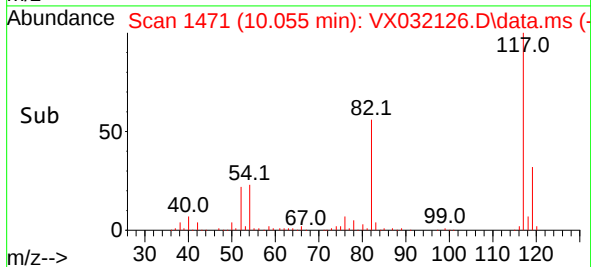
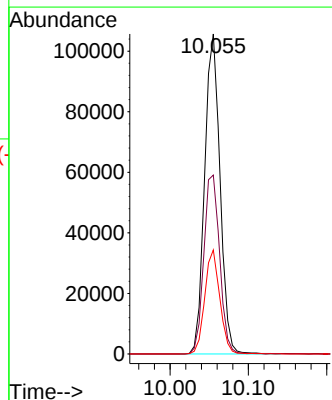
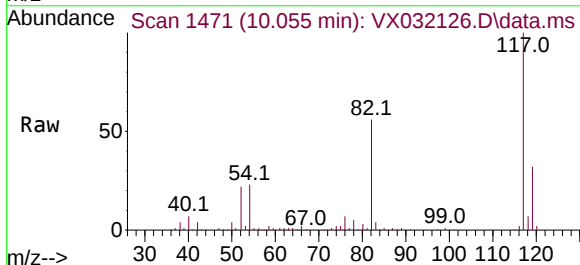
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

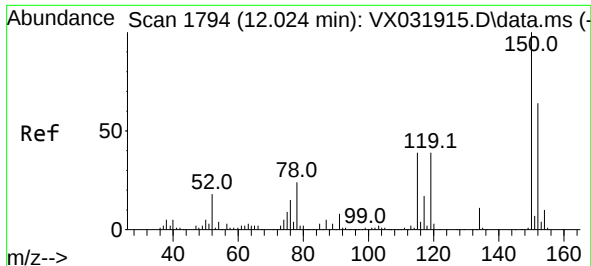
Tgt Ion: 95 Resp: 99909
Ion Ratio Lower Upper
95 100
174 75.7 0.0 153.2
176 73.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Tgt Ion: 117 Resp: 144037
Ion Ratio Lower Upper
117 100
82 55.9 46.8 70.2
119 32.5 26.4 39.6

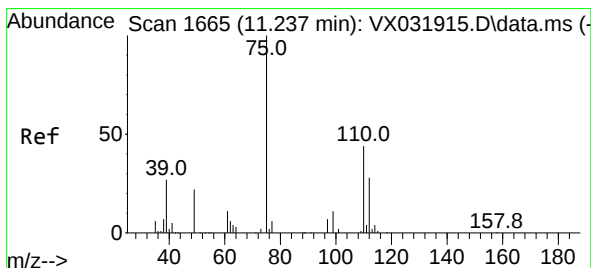
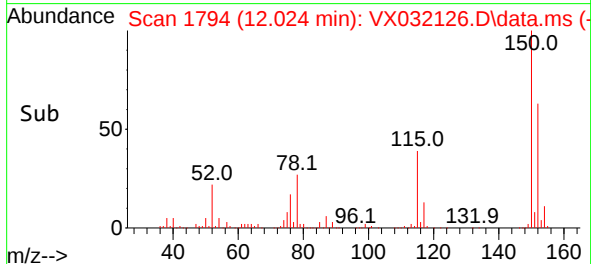
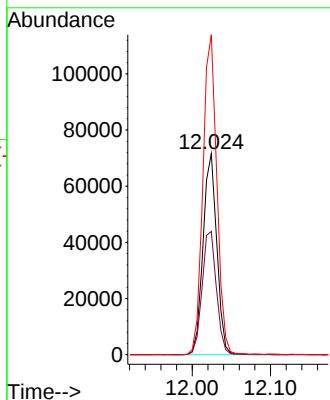
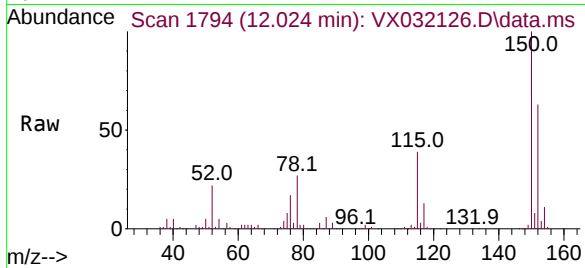




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032126.D
 Acq: 14 Oct 2022 11:12

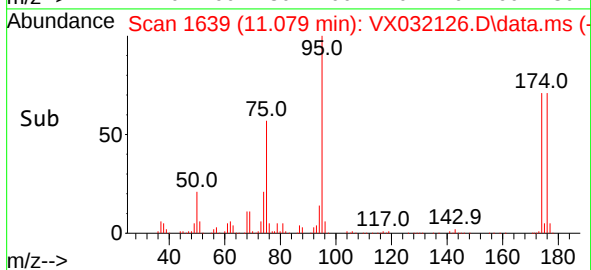
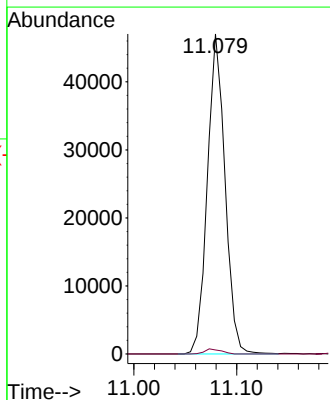
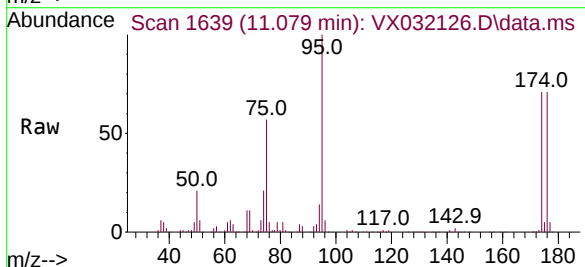
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBL01

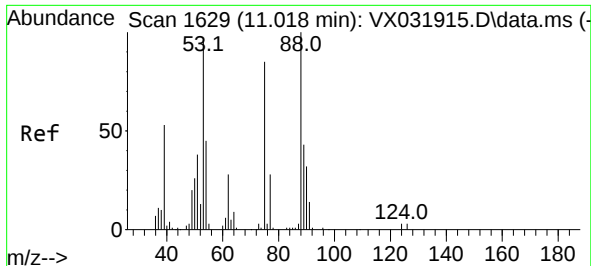
Tgt Ion:152 Resp: 87141
 Ion Ratio Lower Upper
 152 100
 115 63.9 43.4 130.1
 150 161.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 31.389 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX032126.D
 Acq: 14 Oct 2022 11:12

Tgt Ion: 75 Resp: 56059
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.3 60.9#

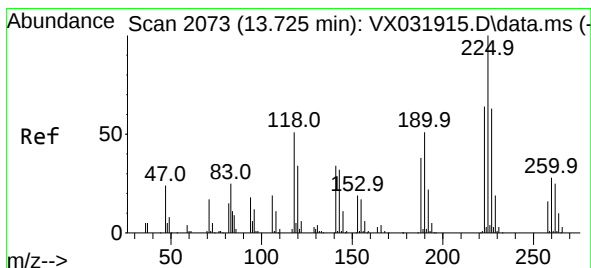
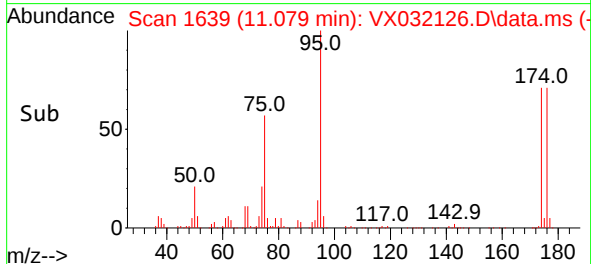
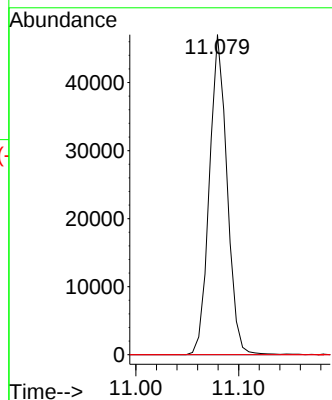
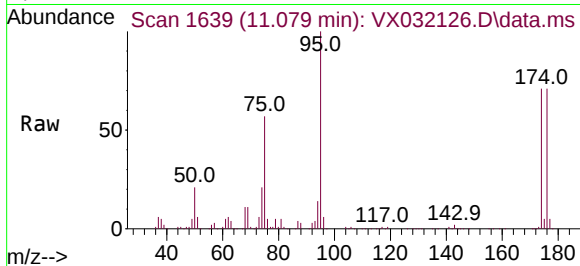




#81
trans-1,4-Dichloro-2-butene
Concen: 106.971 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Tgt Ion: 75 Resp: 56059
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#94
Hexachlorobutadiene
Concen: 0.339 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX032126.D
Acq: 14 Oct 2022 11:12

Tgt Ion: 225 Resp: 255
Ion Ratio Lower Upper
225 100
223 71.0 30.8 92.4
227 46.3 32.3 96.9

