

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032002.D
 Acq On : 10 Oct 2022 11:13
 Operator : JC/MD
 Sample : VX1010WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBL01

Quant Time: Oct 11 05:06:42 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	70828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69250	47.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	5.385	113	57361	48.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.520%
50) Toluene-d8	8.647	98	209475	49.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	67974	45.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.840%

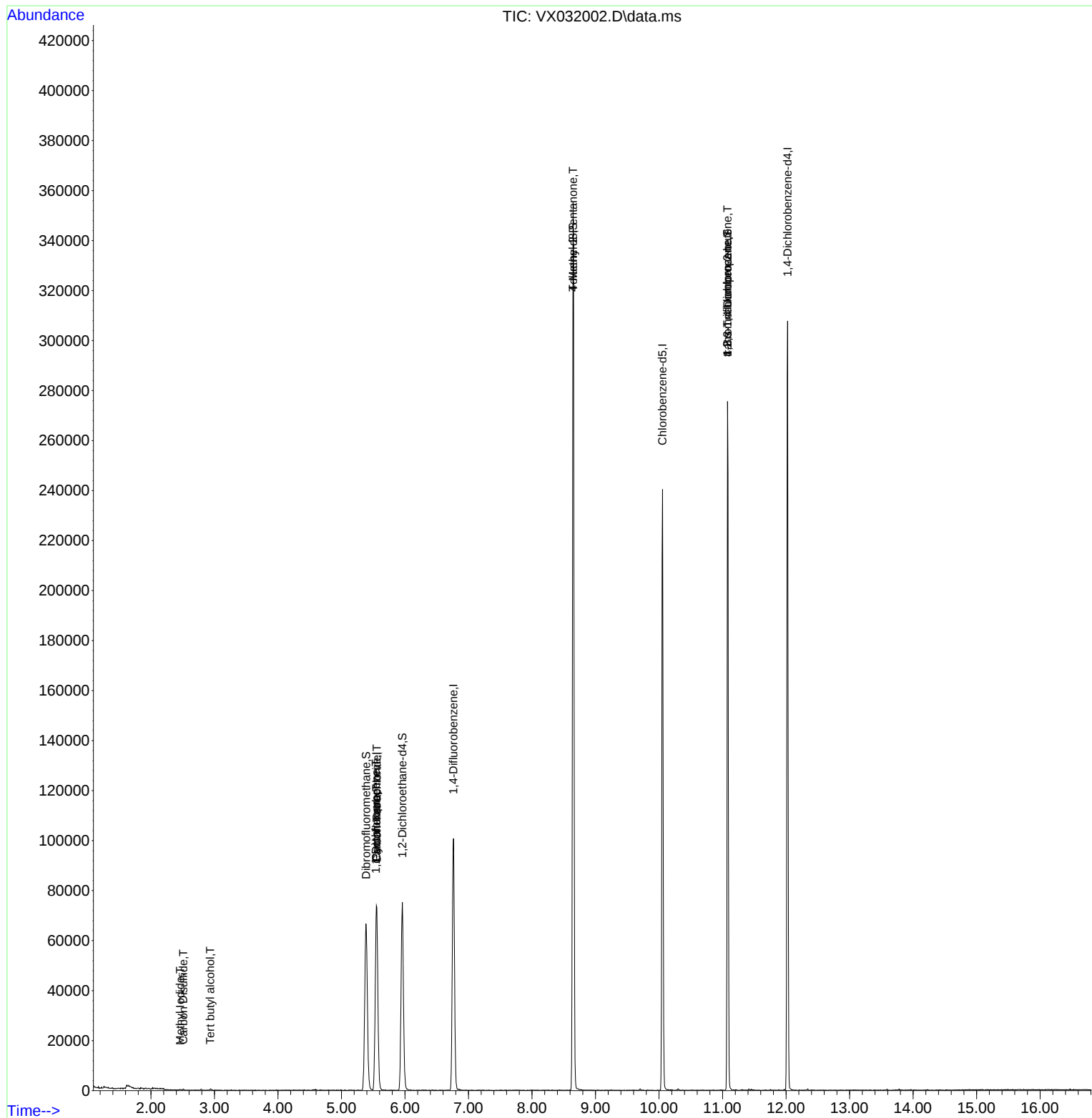
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.618	94	281	Below Cal	#	52
10) Methyl Iodide	2.459	142	368	3.047	ug/l #	77
11) Tert butyl alcohol	2.934	59	210	1.154	ug/l #	73
17) Carbon Disulfide	2.508	76	489	0.211	ug/l #	75
31) Cyclohexane	5.550	56	1563	0.894	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	5465	3.503	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6894	4.322	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	940	0.637	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36305	27.758	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36305	95.014	ug/l #	11

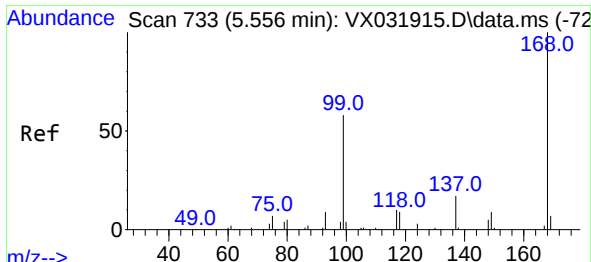
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Quant Time: Oct 11 05:06:42 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

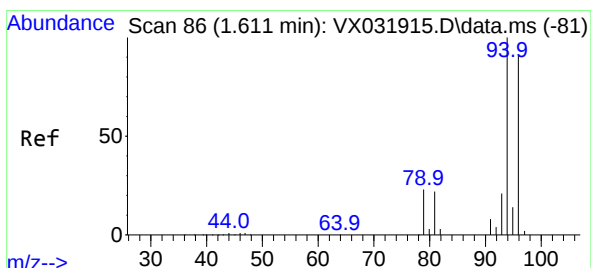
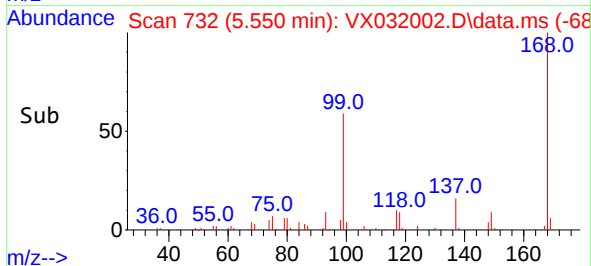
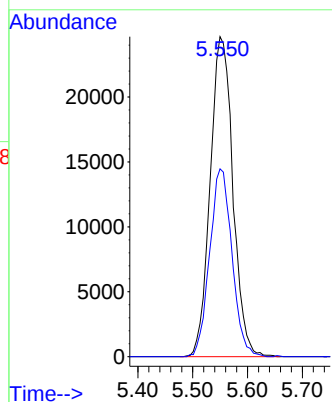
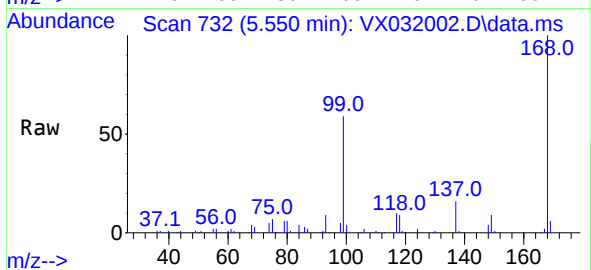




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

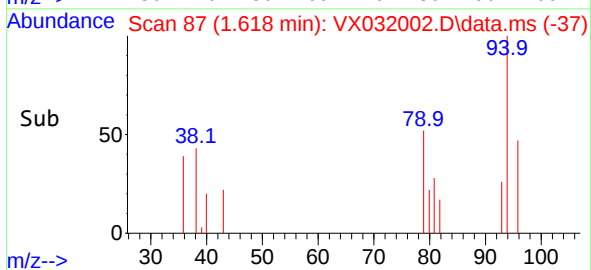
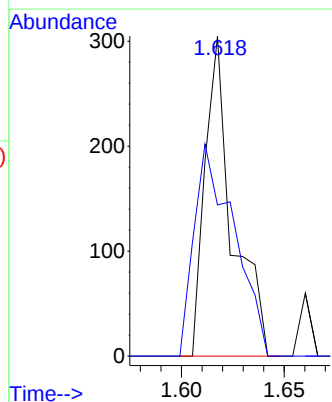
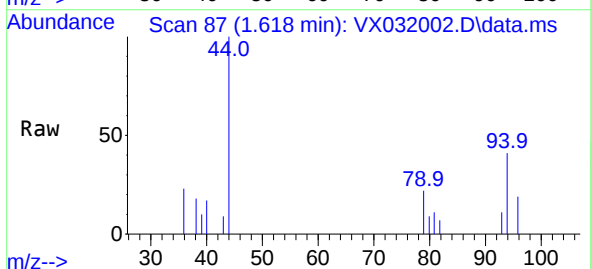
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

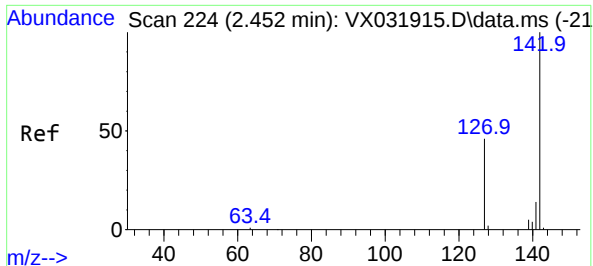
Tgt Ion:168 Resp: 70828
Ion Ratio Lower Upper
168 100
99 58.7 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 47.2 74.4 111.6#

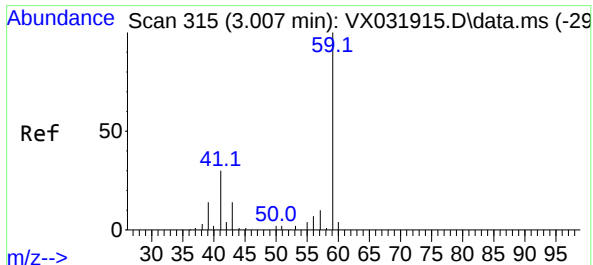
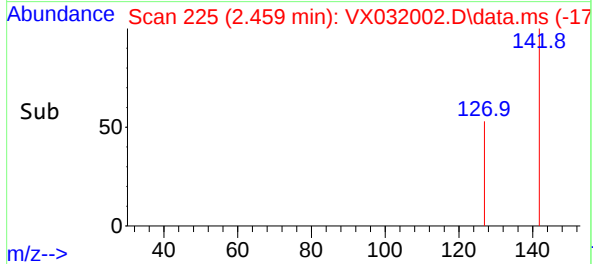
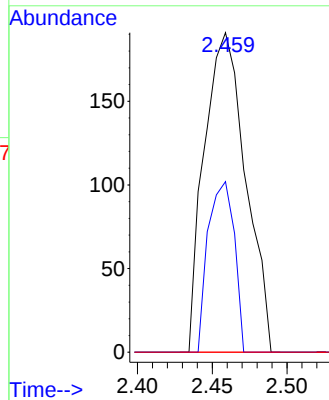
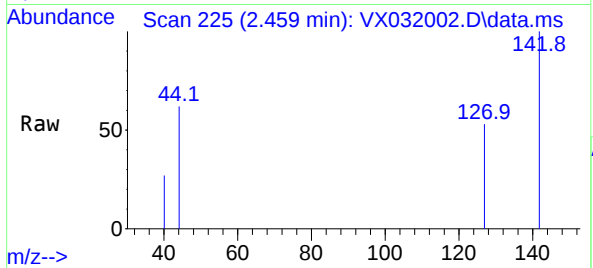




#10
Methyl Iodide
Concen: 3.047 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

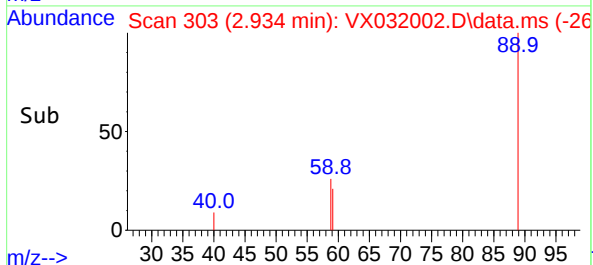
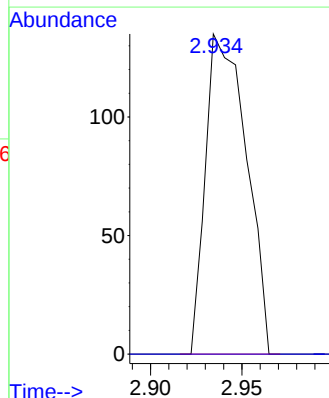
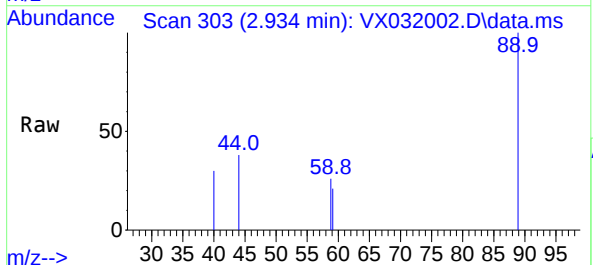
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

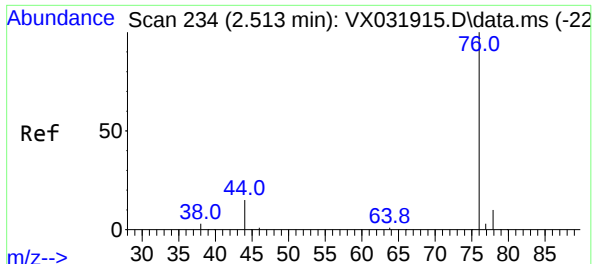
Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 33.7 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.154 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

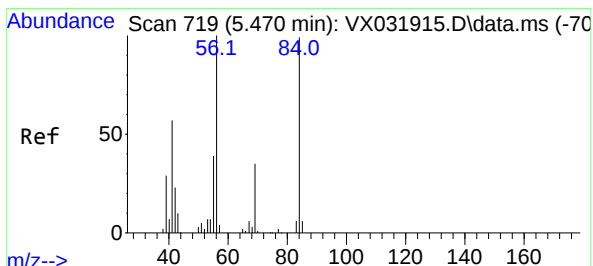
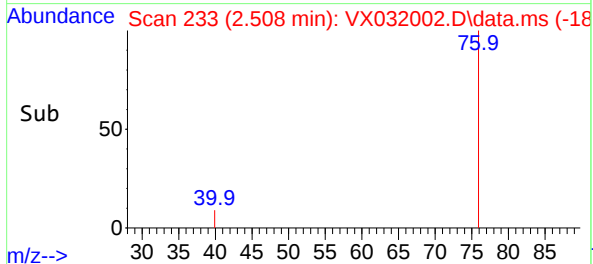
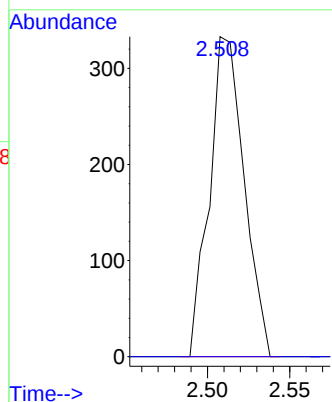
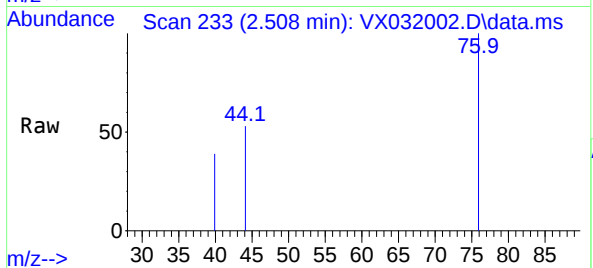




#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

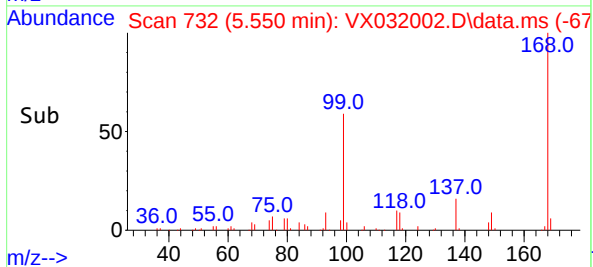
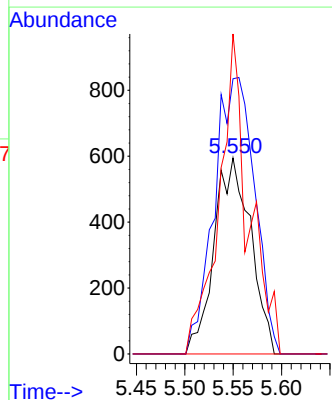
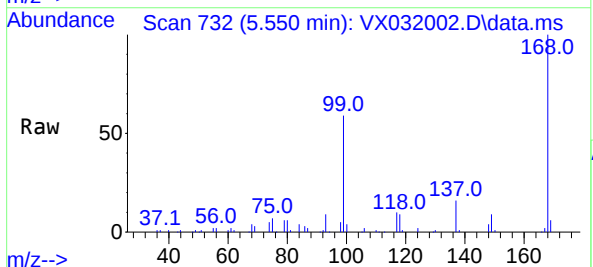
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

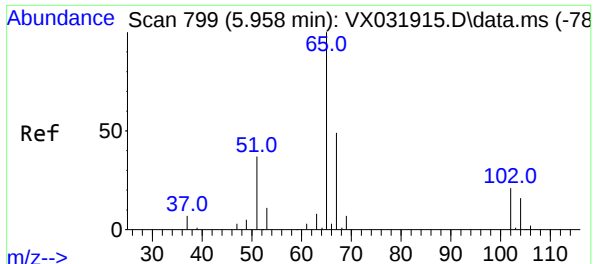
Tgt Ion: 76 Resp: 489
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 0.894 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 56 Resp: 1563
Ion Ratio Lower Upper
56 100
69 140.3 25.1 37.7#
84 163.2 70.2 105.4#

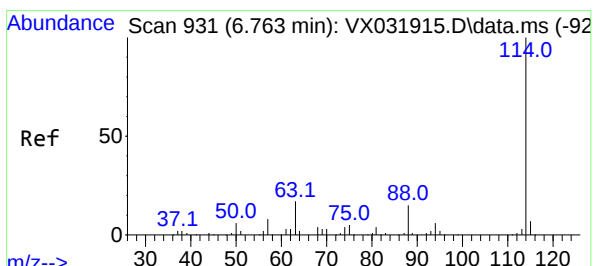
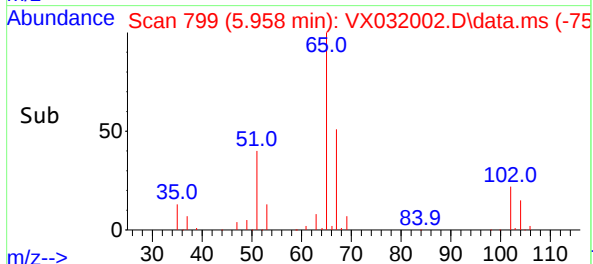
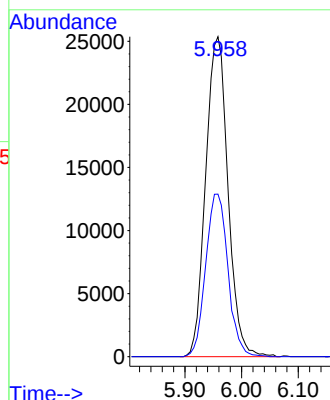
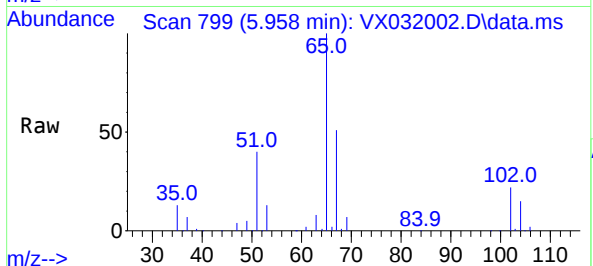




#33
1,2-Dichloroethane-d4
Concen: 47.342 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

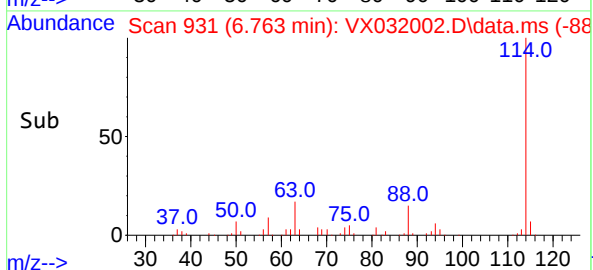
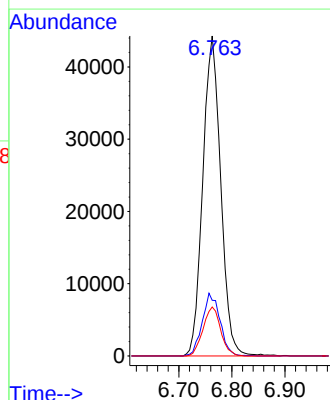
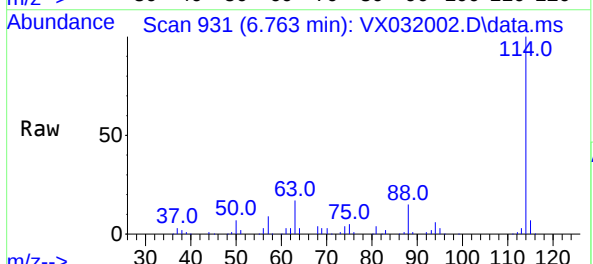
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

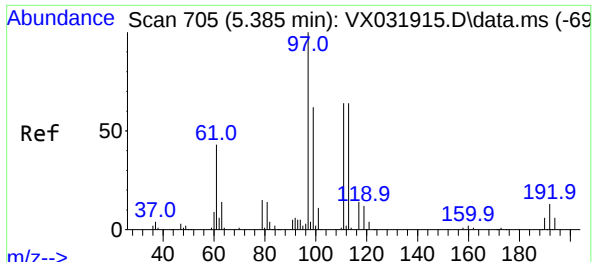
Tgt Ion: 65 Resp: 69250
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 114 Resp: 103926
Ion Ratio Lower Upper
114 100
63 17.4 0.0 42.6
88 15.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.760 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032002.D

Acq: 10 Oct 2022 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBL01

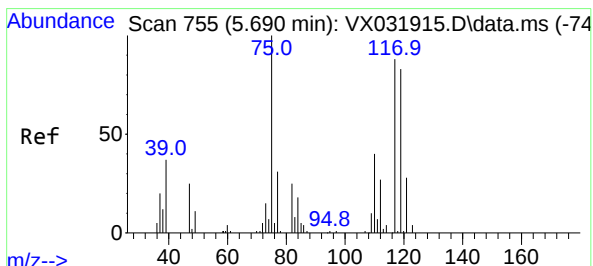
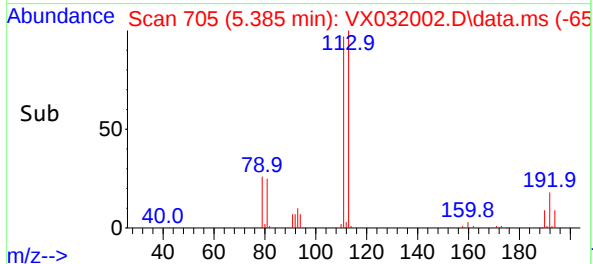
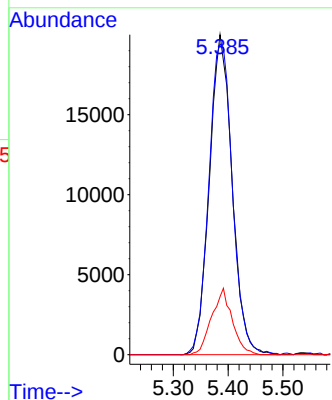
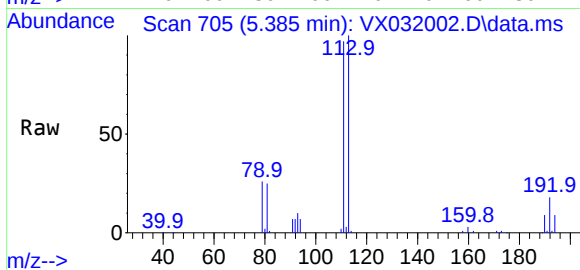
Tgt Ion:113 Resp: 57361

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 18.8 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.503 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX032002.D

Acq: 10 Oct 2022 11:13

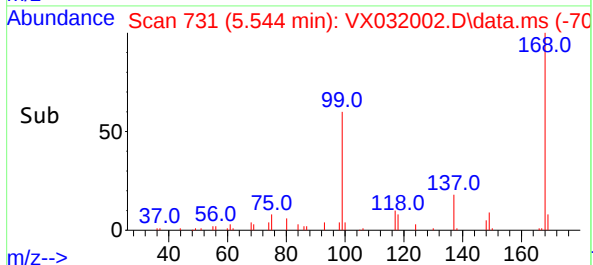
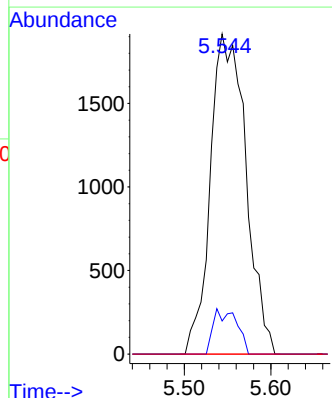
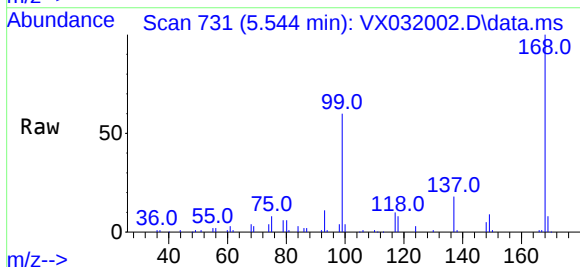
Tgt Ion: 75 Resp: 5465

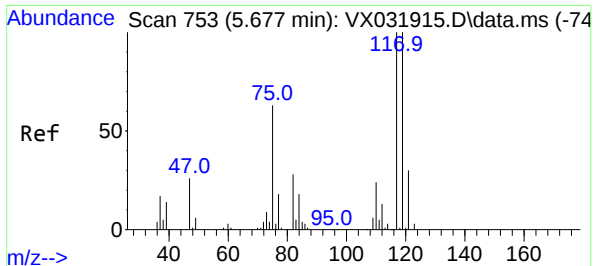
Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.5#

77 0.0 24.9 37.3#

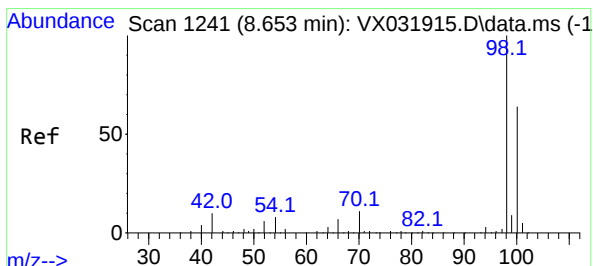
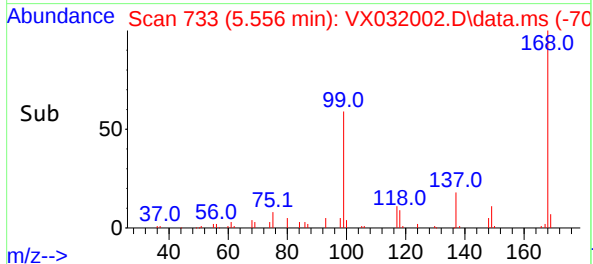
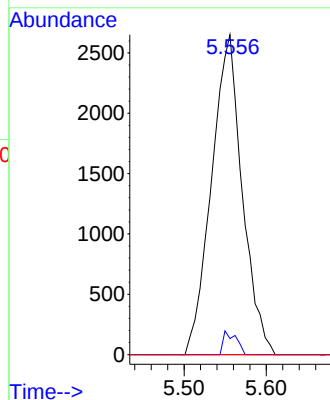
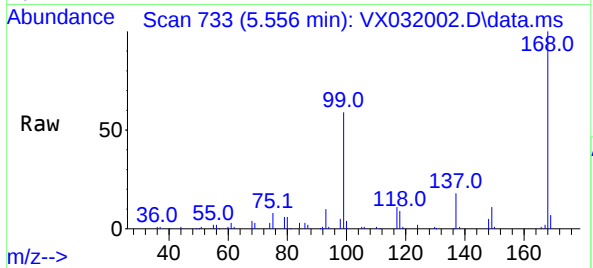




#38
Carbon Tetrachloride
Concen: 4.322 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

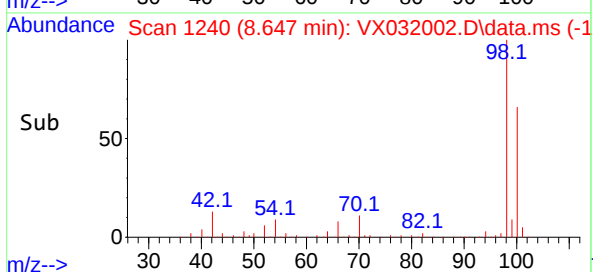
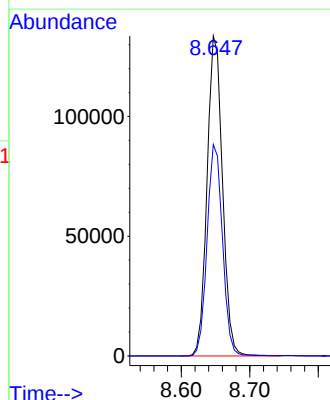
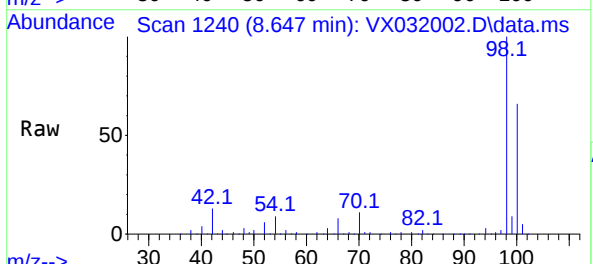
Instrument :
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VX1010WBL01

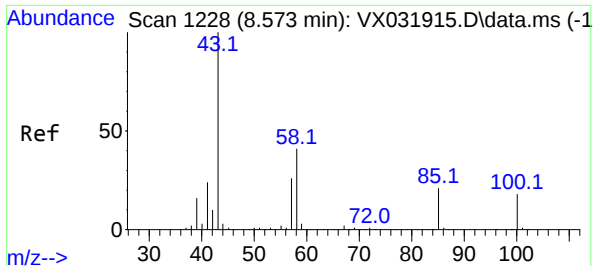
Tgt Ion:117 Resp: 6894
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 98 Resp: 209475
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.637 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX032002.D

Acq: 10 Oct 2022 11:13

Instrument :

MSVOA_X

ClientSampleId :

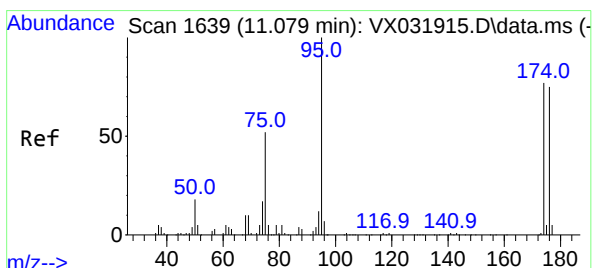
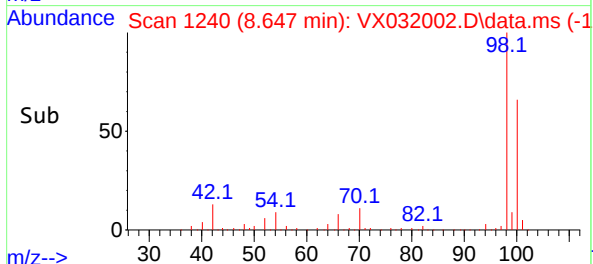
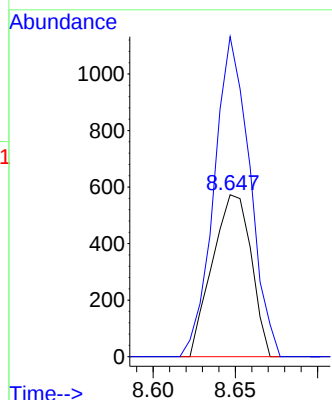
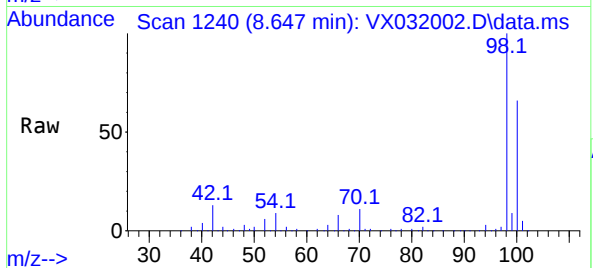
VX1010WBL01

Tgt Ion: 43 Resp: 940

Ion Ratio Lower Upper

43 100

58 182.1 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.422 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032002.D

Acq: 10 Oct 2022 11:13

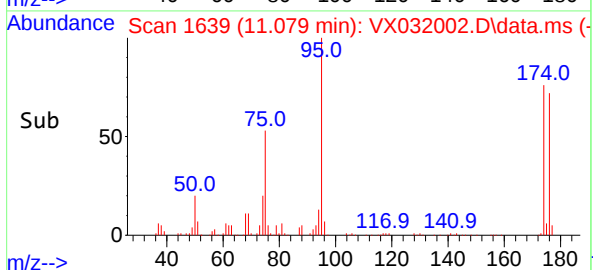
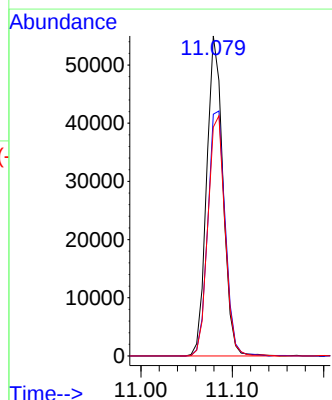
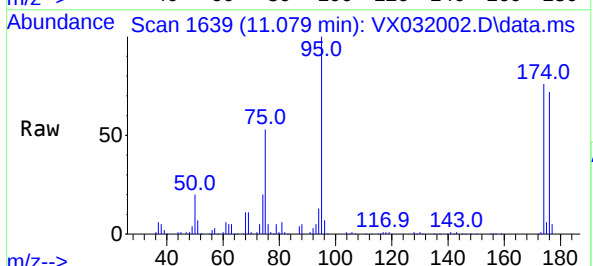
Tgt Ion: 95 Resp: 67974

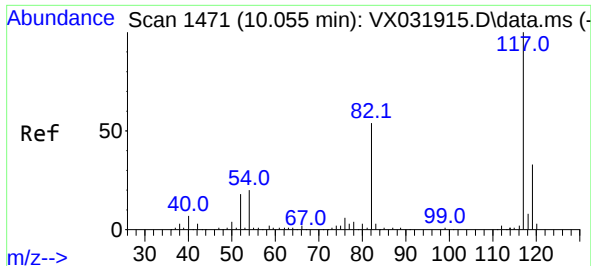
Ion Ratio Lower Upper

95 100

174 81.4 0.0 153.2

176 78.4 0.0 144.0

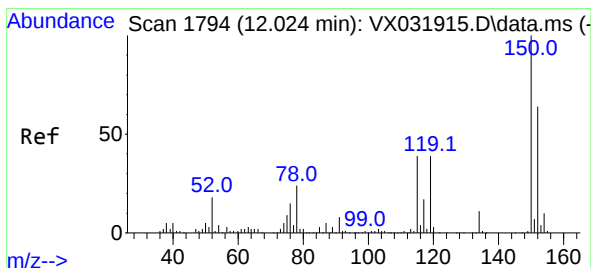
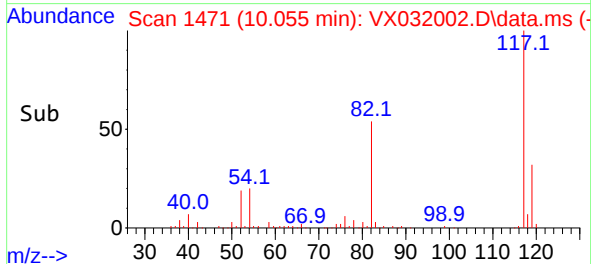
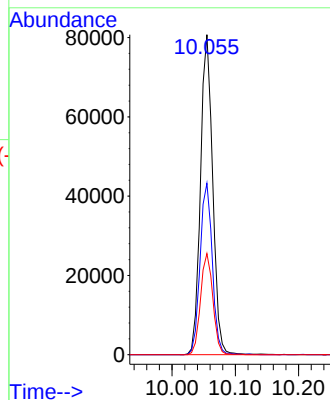
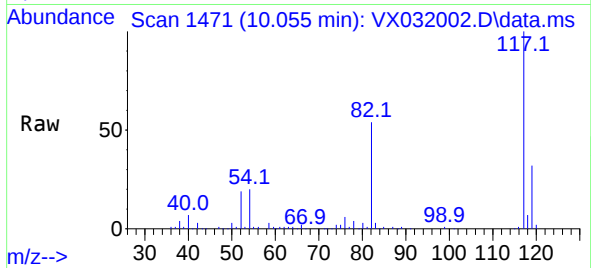




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

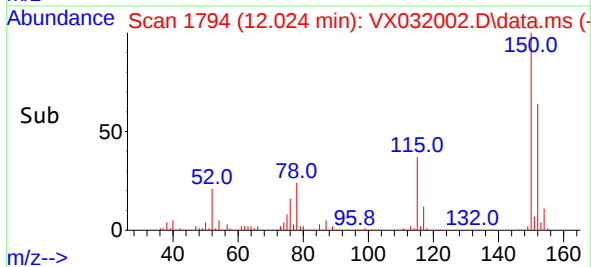
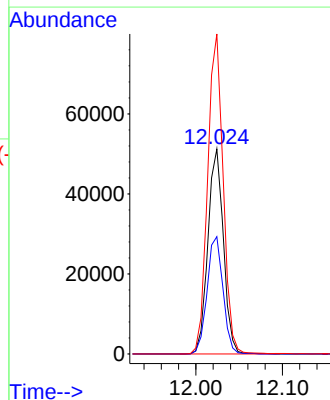
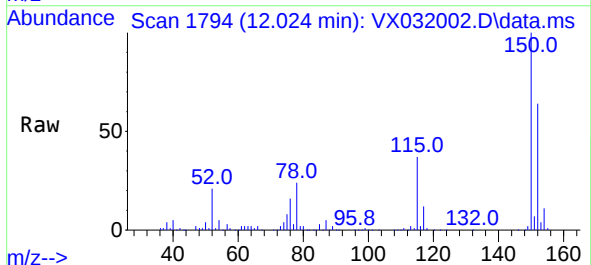
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

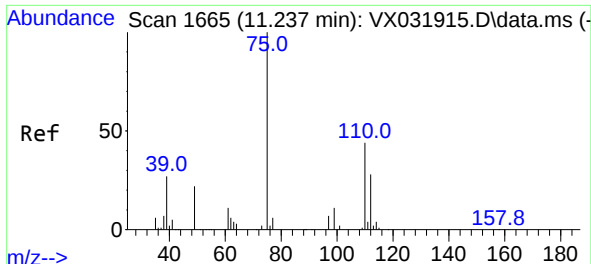
Tgt Ion:117 Resp: 108646
Ion Ratio Lower Upper
117 100
82 53.5 46.8 70.2
119 31.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

Tgt Ion:152 Resp: 63816
Ion Ratio Lower Upper
152 100
115 58.7 43.4 130.1
150 155.9 0.0 346.8

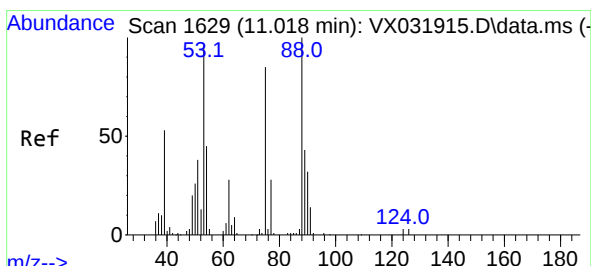
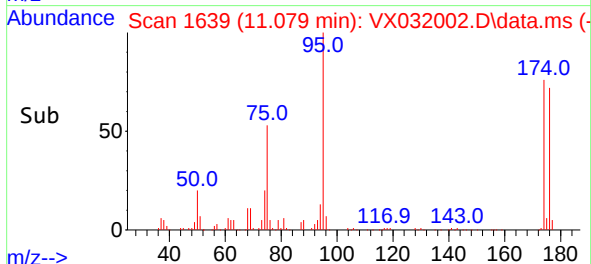
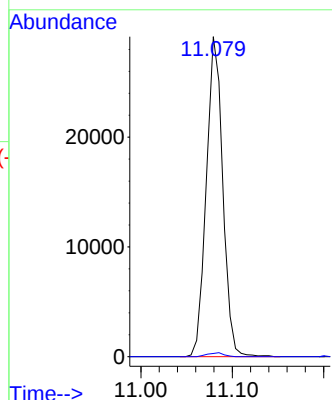
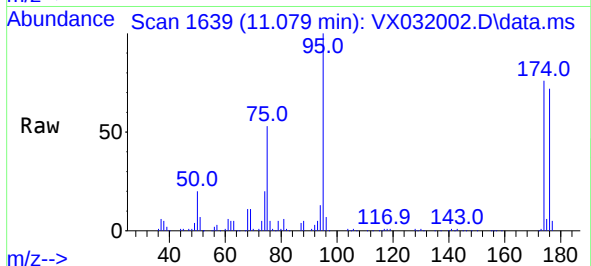




#76
1,2,3-Trichloropropane
Concen: 27.758 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion: 75 Resp: 36305
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032002.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 75 Resp: 36305
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

