

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032635.D
 Acq On : 07 Nov 2022 18:21
 Operator : JC/MD
 Sample : N5497-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 03:16:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

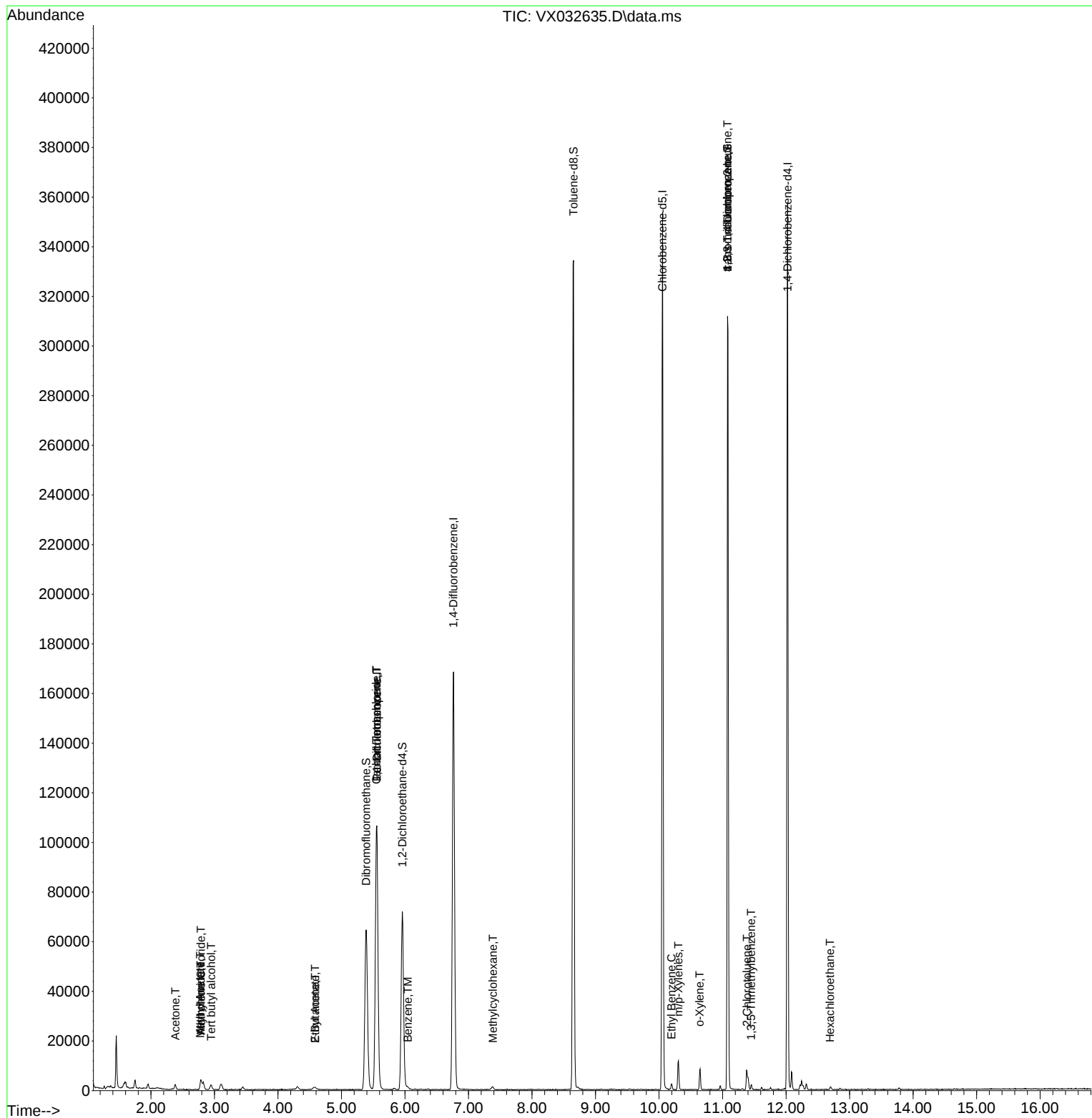
Internal Standards						
1) Pentafluorobenzene	5.556	168	101030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70997	50.575	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.160%
35) Dibromofluoromethane	5.385	113	55490	45.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.740%
50) Toluene-d8	8.653	98	203584	48.398	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	11.079	95	77753	47.320	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1252	6.128	ug/l #	72
14) Allyl chloride	2.782	41	361	0.224	ug/l #	44
16) Acetone	2.386	43	2554	5.006	ug/l	98
18) Methyl Acetate	2.776	43	577	0.348	ug/l #	51
20) Methylene Chloride	2.788	84	1712	1.463	ug/l	86
25) 2-Butanone	4.586	43	853	1.079	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	7872	4.673	ug/l #	50
37) Ethyl Acetate	4.586	43	853	0.486	ug/l #	67
38) Carbon Tetrachloride	5.550	117	10607	5.677	ug/l #	16
39) Methylcyclohexane	7.385	83	433	0.217	ug/l	93
40) Benzene	6.043	78	1260	0.264	ug/l #	82
67) Ethyl Benzene	10.195	91	1729	0.287	ug/l #	85
68) m/p-Xylenes	10.305	106	2773	1.187	ug/l	97
69) o-Xylene	10.640	106	1831	0.806	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	43474	26.978	ug/l #	37
79) 2-Chlorotoluene	11.384	91	847	0.214	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	1050	0.214	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	43474	85.845	ug/l #	6
90) Hexachloroethane	12.695	117	731	0.895	ug/l #	12

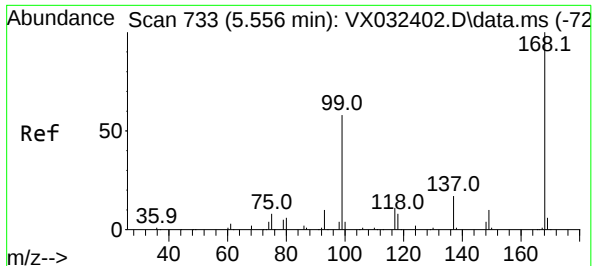
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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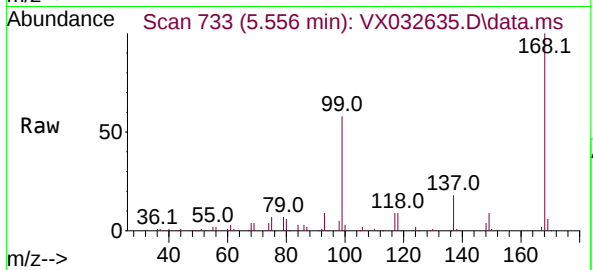
Quant Time: Nov 08 03:16:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



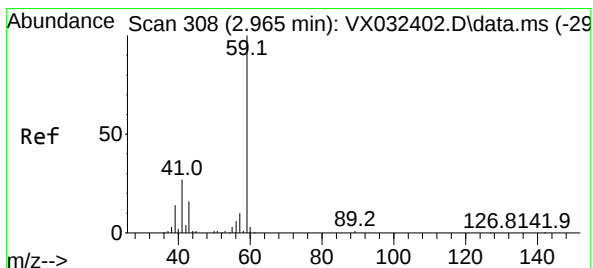
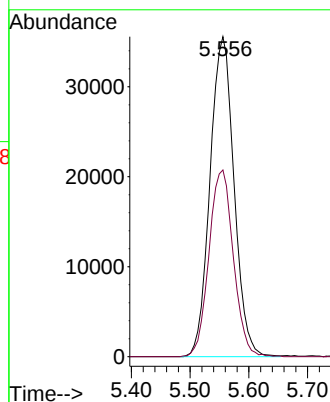
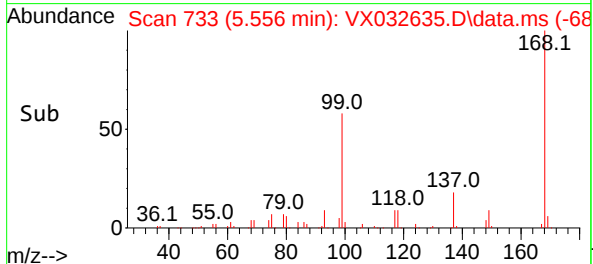


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :

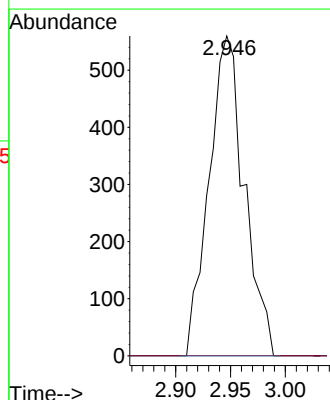
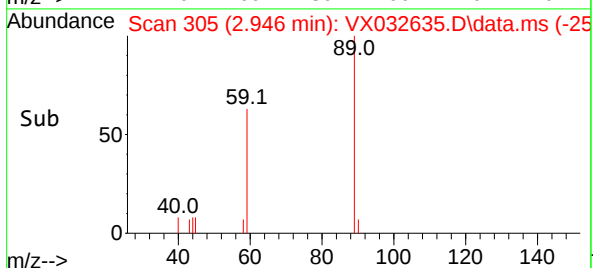
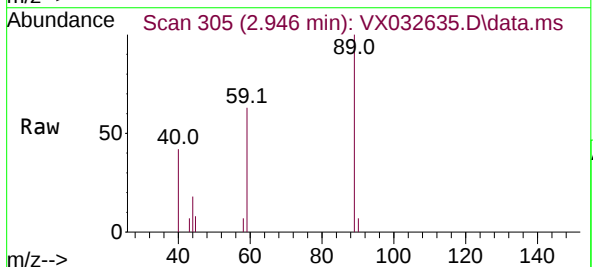


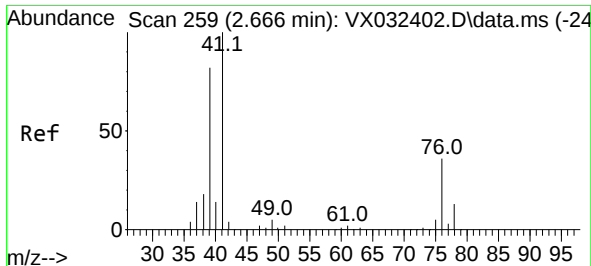
Tgt Ion:168 Resp: 101030
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.128 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

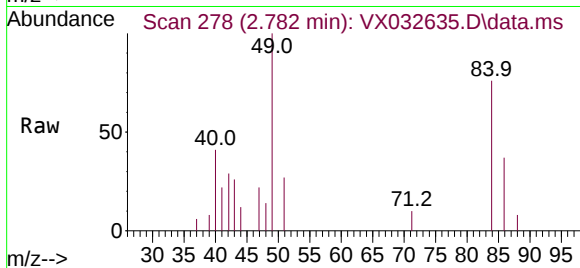
Tgt Ion: 59 Resp: 1252
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



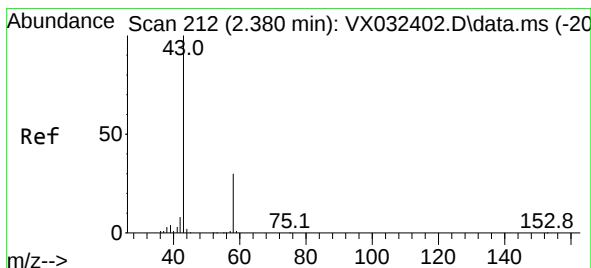
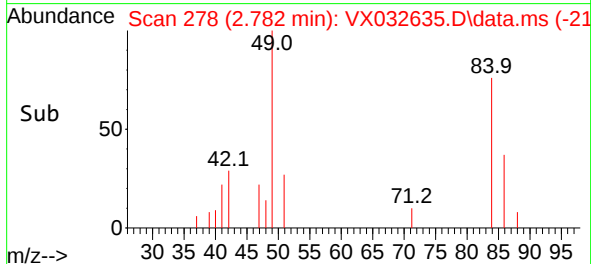
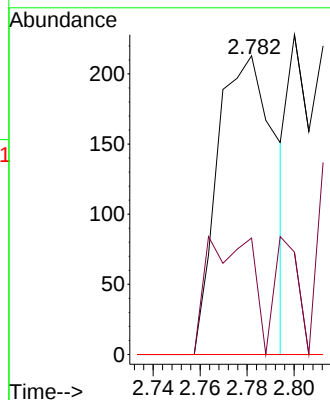


#14
 Allyl chloride
 Concen: 0.224 ug/l
 RT: 2.782 min Scan# 213
 Delta R.T. 0.116 min
 Lab File: VX032635.D
 Acq: 07 Nov 2022 18:21

Instrument :
 MSVOA_X
 ClientSampleId :

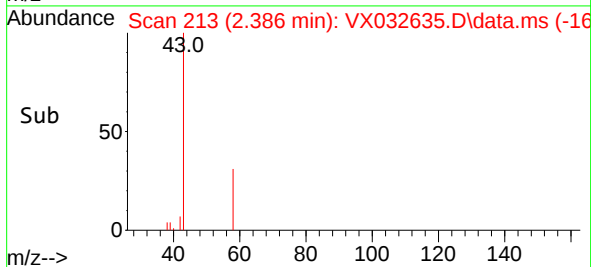
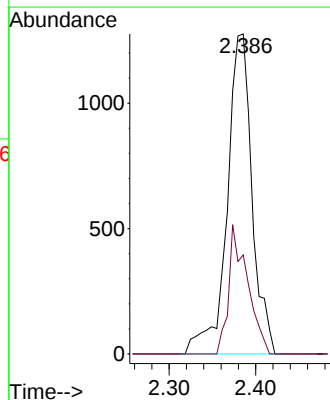
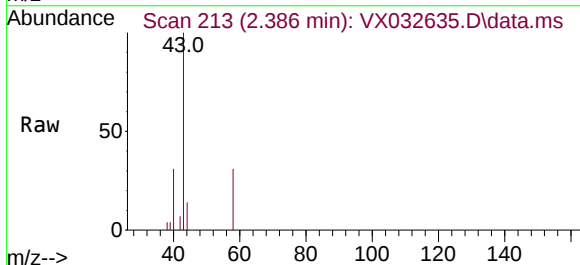


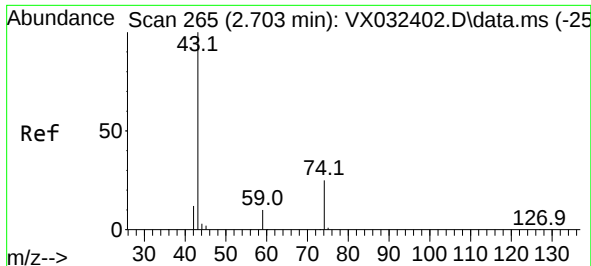
Tgt Ion: 41 Resp: 361
 Ion Ratio Lower Upper
 41 100
 39 31.0 61.4 92.2#
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 5.006 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX032635.D
 Acq: 07 Nov 2022 18:21

Tgt Ion: 43 Resp: 2554
 Ion Ratio Lower Upper
 43 100
 58 31.0 23.8 35.8





#18

Methyl Acetate

Concen: 0.348 ug/l

RT: 2.776 min Scan# 21

Delta R.T. 0.073 min

Lab File: VX032635.D

Acq: 07 Nov 2022 18:21

Instrument :

MSVOA_X

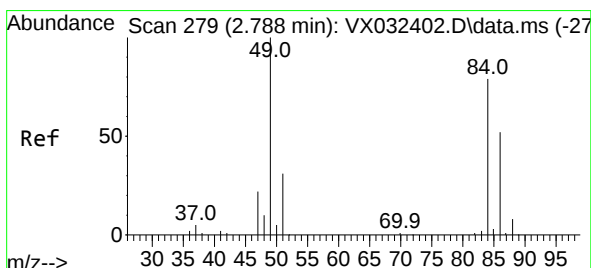
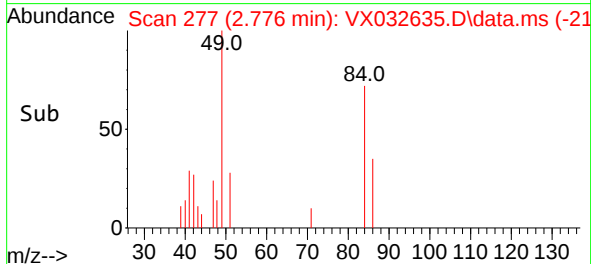
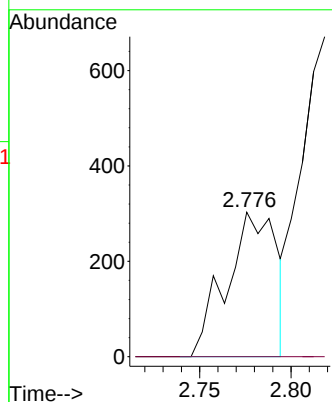
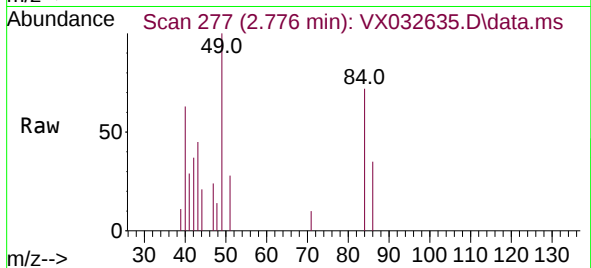
ClientSampleId :

Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 1.463 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX032635.D

Acq: 07 Nov 2022 18:21

Tgt Ion: 84 Resp: 1712

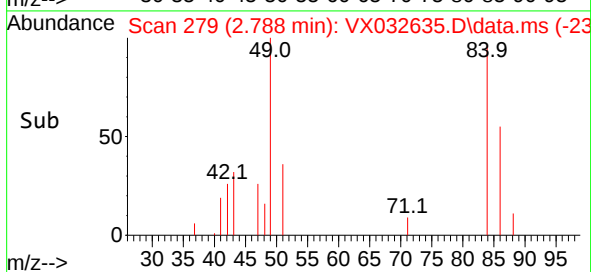
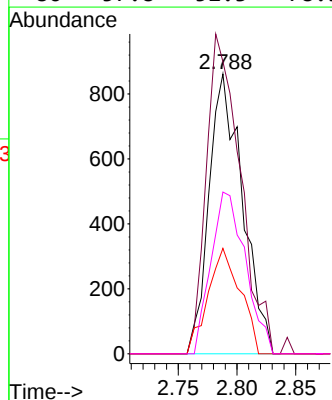
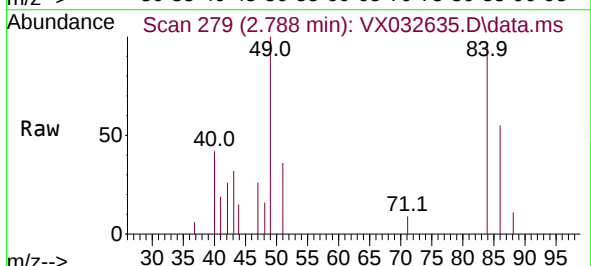
Ion Ratio Lower Upper

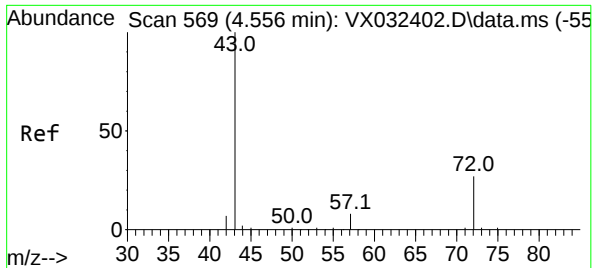
84 100

49 104.4 101.0 151.6

51 37.7 31.1 46.7

86 57.8 52.3 78.5

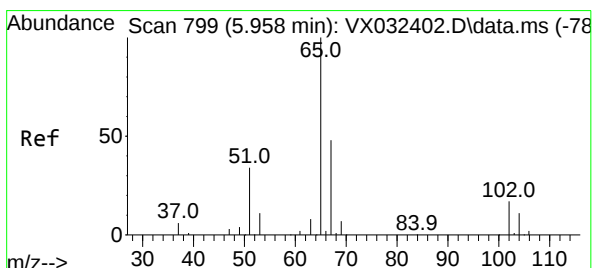
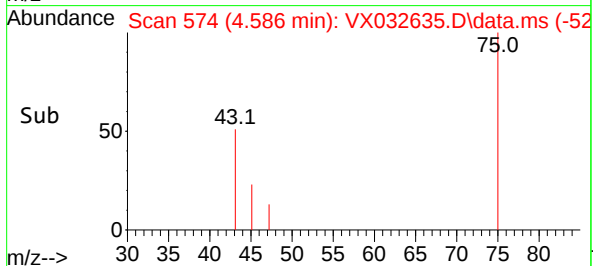
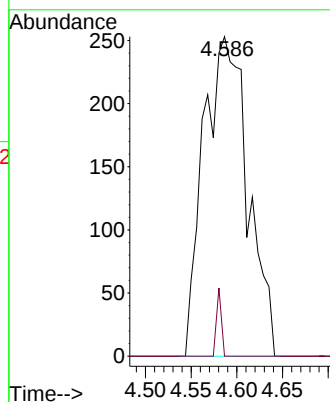
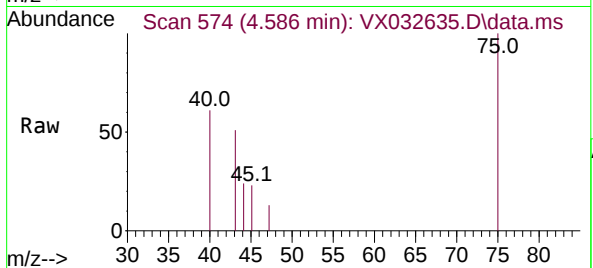




#25
2-Butanone
Concen: 1.079 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

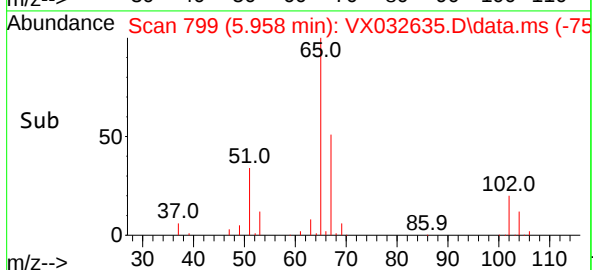
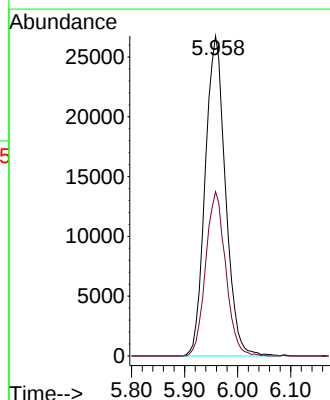
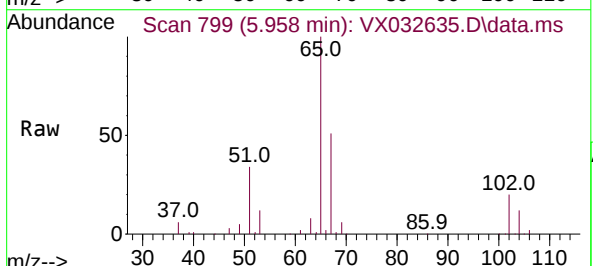
Instrument :
MSVOA_X
ClientSampleId :

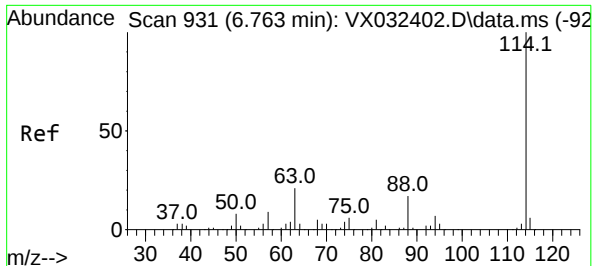
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#33
1,2-Dichloroethane-d4
Concen: 50.575 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

Tgt Ion: 65 Resp: 70997
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

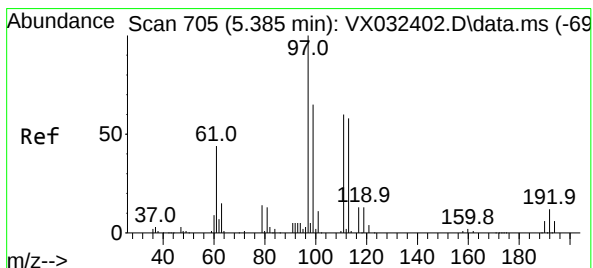
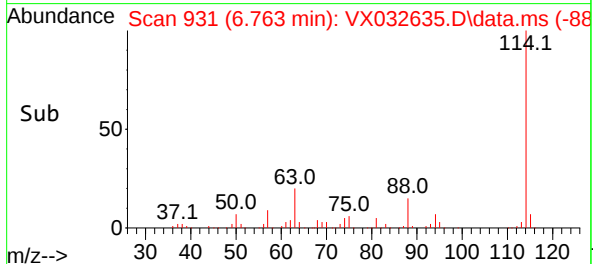
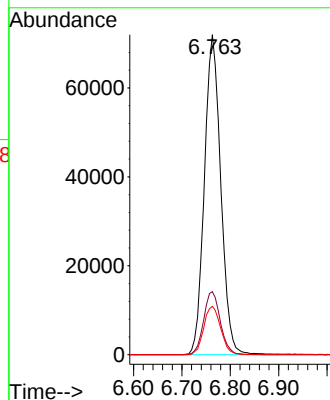
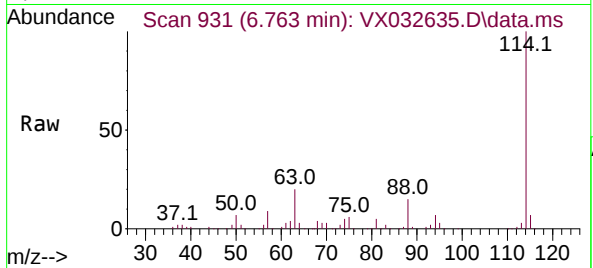




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

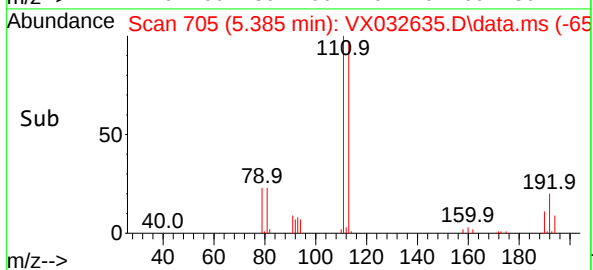
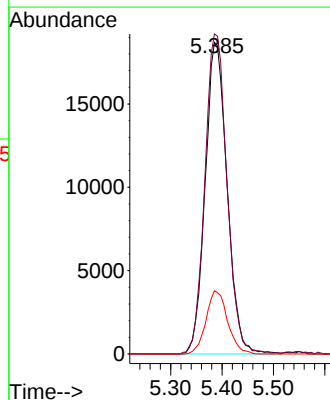
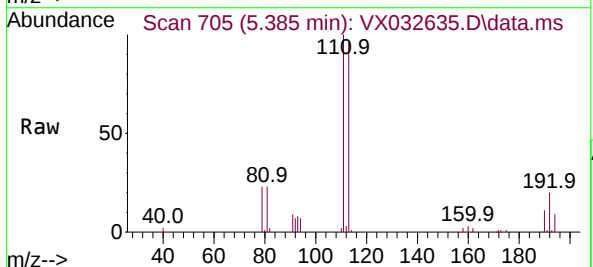
Instrument :
MSVOA_X
ClientSampleId :

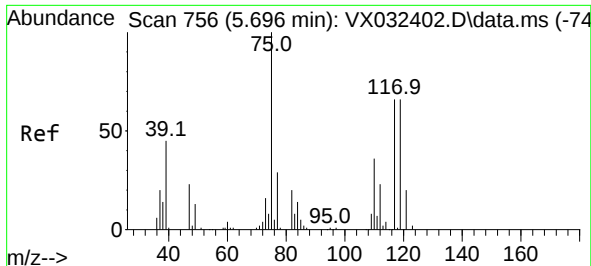
Tgt Ion:114 Resp: 169591
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.871 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

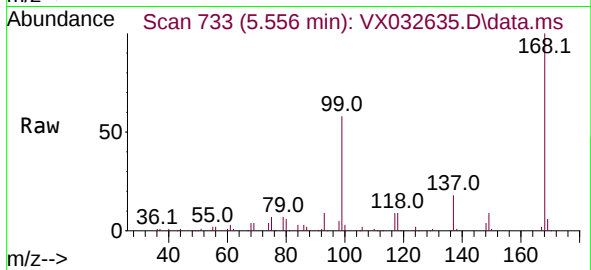
Tgt Ion:113 Resp: 55490
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 19.9 15.4 23.2



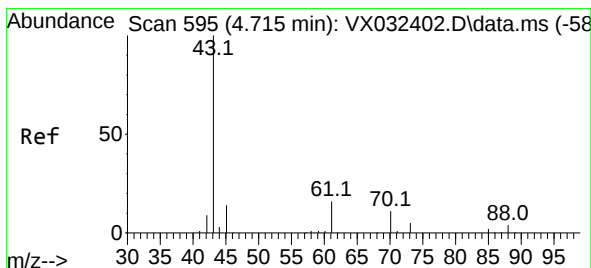
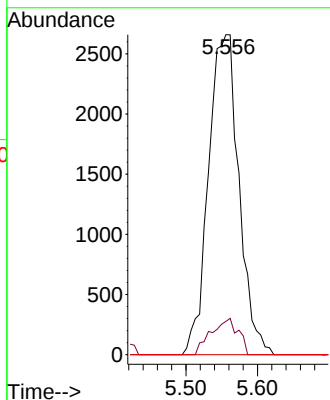
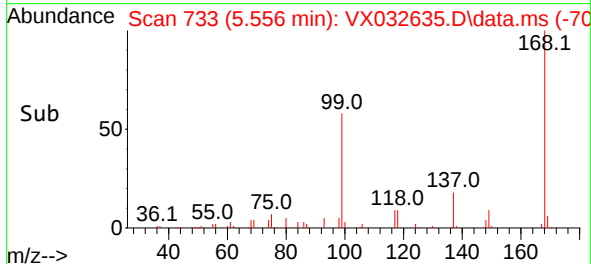


#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :

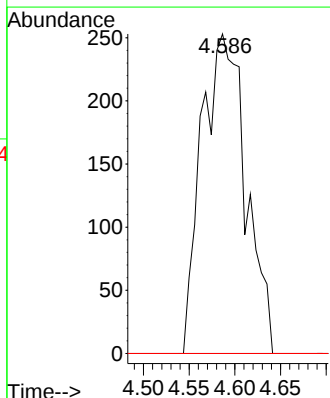
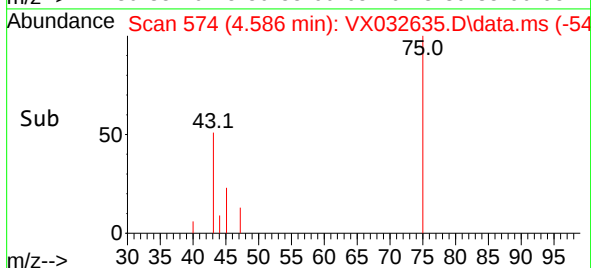
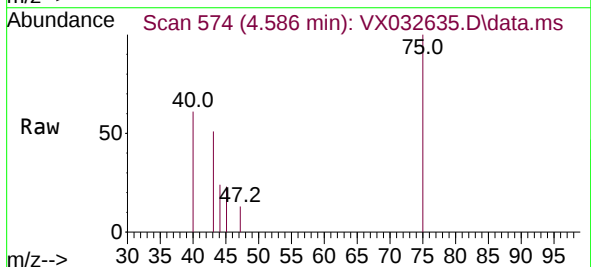


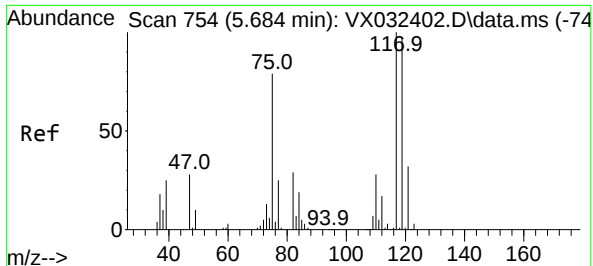
Tgt Ion: 75 Resp: 7872
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 0.486 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.128 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

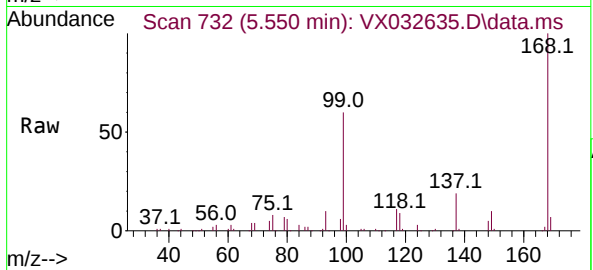
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.1 13.7#



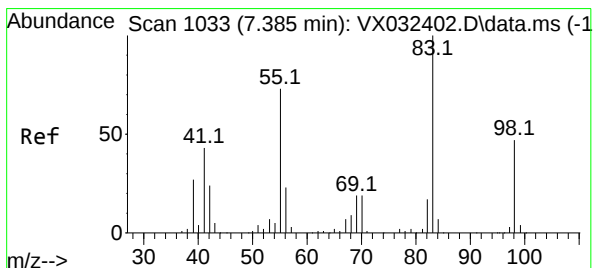
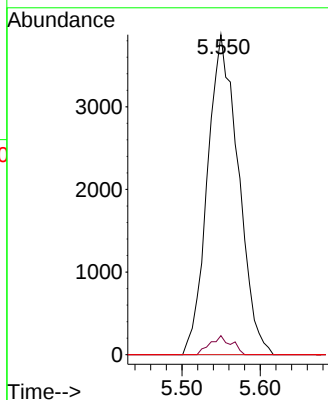
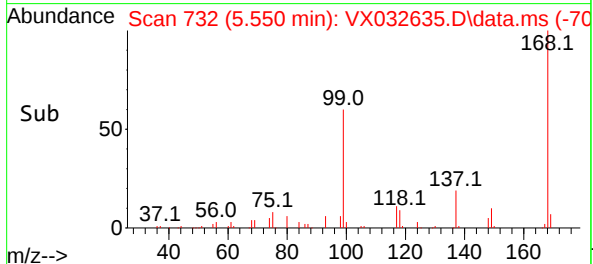


#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :

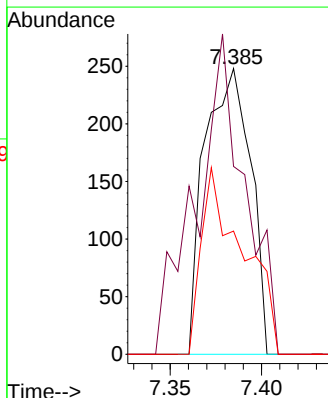
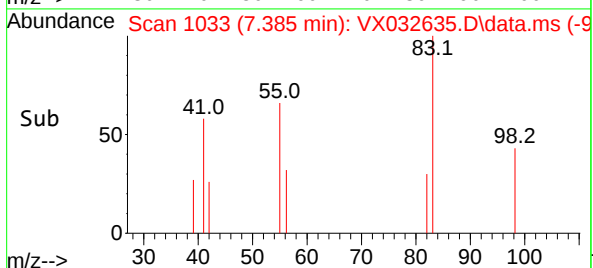
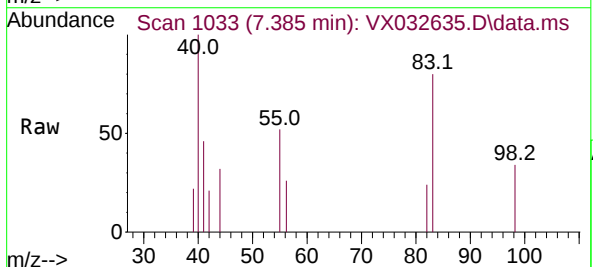


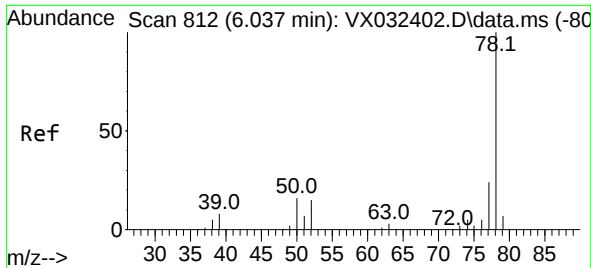
Tgt Ion:117 Resp: 10607
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.217 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

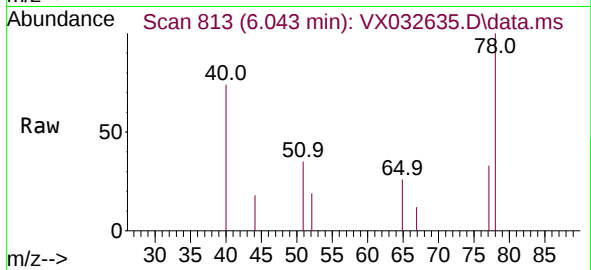
Tgt Ion: 83 Resp: 433
Ion Ratio Lower Upper
83 100
55 65.7 58.4 87.6
98 43.1 37.2 55.8



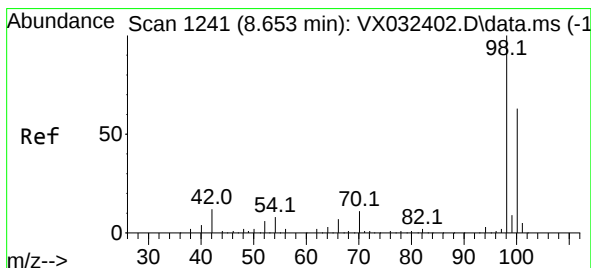
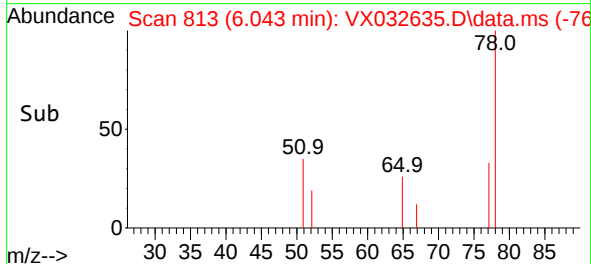
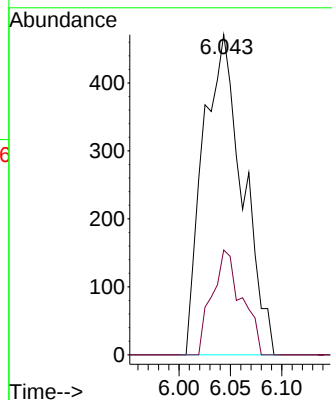


#40
Benzene
Concen: 0.264 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :

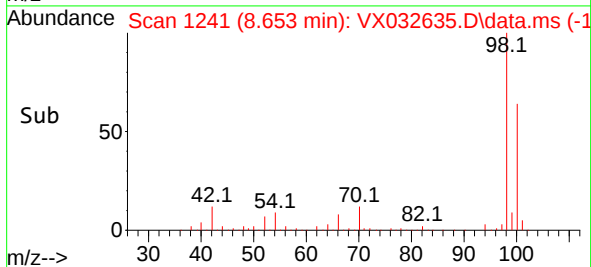
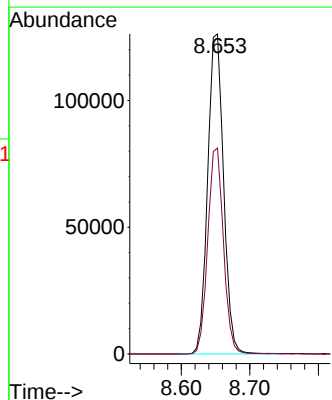
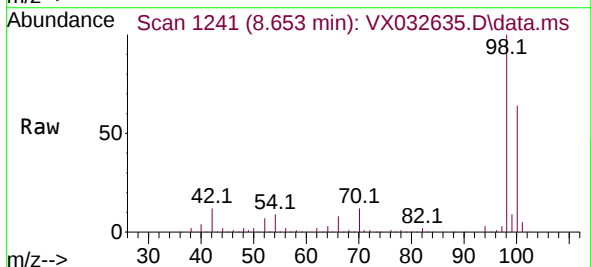


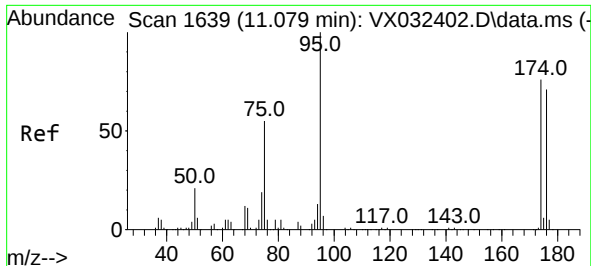
Tgt Ion: 78 Resp: 1260
Ion Ratio Lower Upper
78 100
77 32.7 19.0 28.4#



#50
Toluene-d8
Concen: 48.398 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

Tgt Ion: 98 Resp: 203584
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.320 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032635.D

Acq: 07 Nov 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

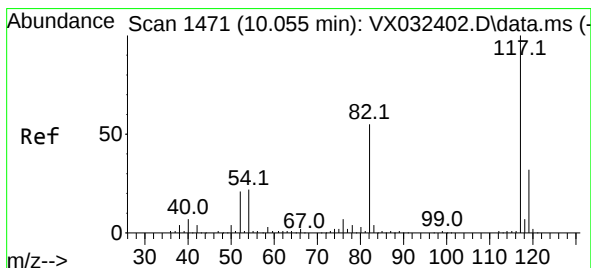
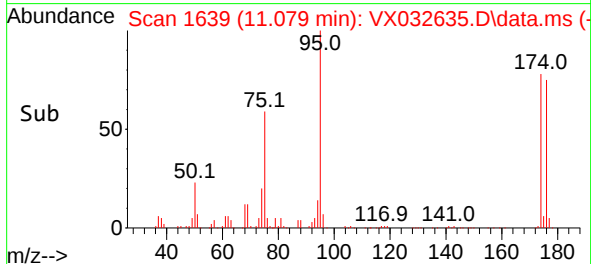
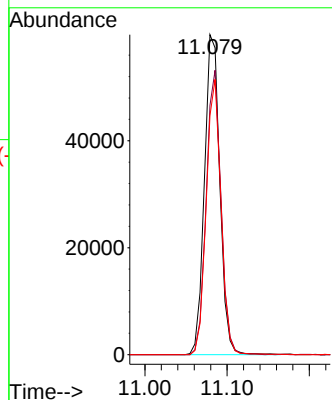
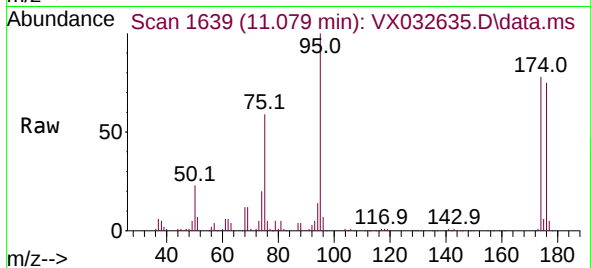
Tgt Ion: 95 Resp: 77753

Ion Ratio Lower Upper

95 100

174 85.3 0.0 164.0

176 82.5 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032635.D

Acq: 07 Nov 2022 18:21

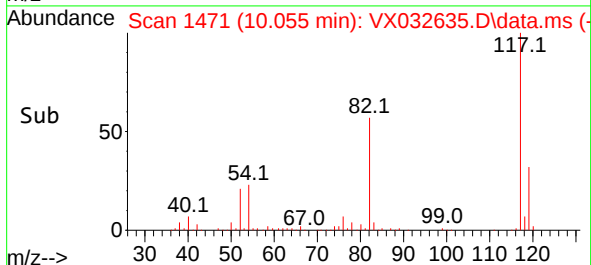
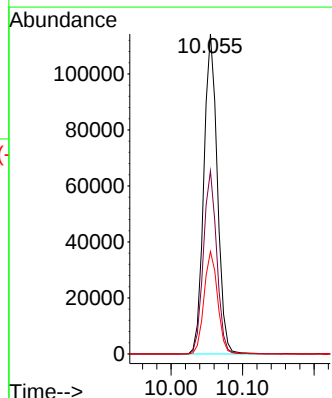
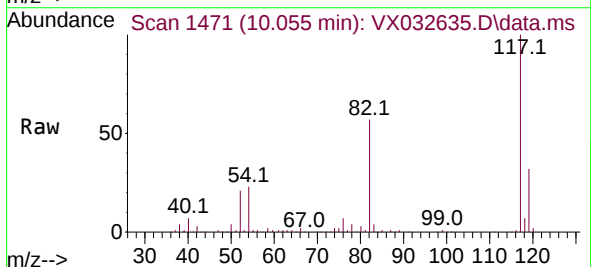
Tgt Ion: 117 Resp: 150242

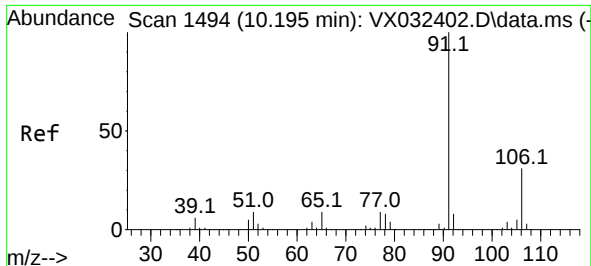
Ion Ratio Lower Upper

117 100

82 57.2 44.3 66.5

119 32.0 25.7 38.5





#67

Ethyl Benzene

Concen: 0.287 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032635.D

Acq: 07 Nov 2022 18:21

Instrument :

MSVOA_X

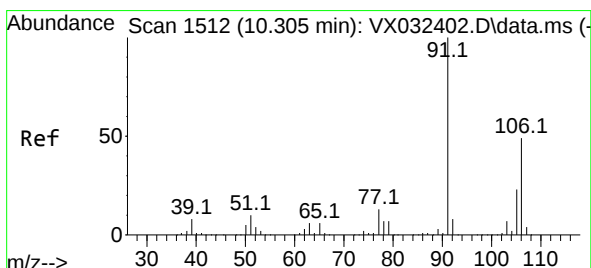
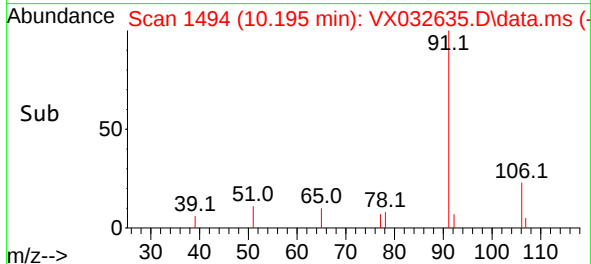
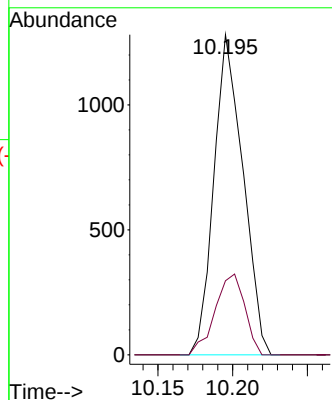
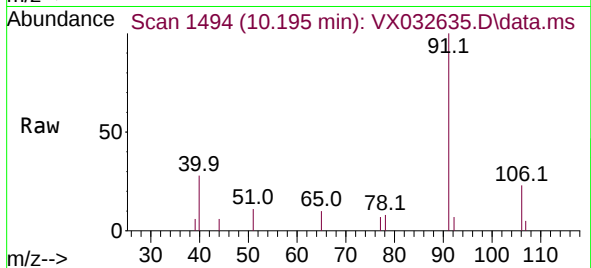
ClientSampleId :

Tgt Ion: 91 Resp: 1729

Ion Ratio Lower Upper

91 100

106 23.1 25.0 37.6#



#68

m/p-Xylenes

Concen: 1.187 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX032635.D

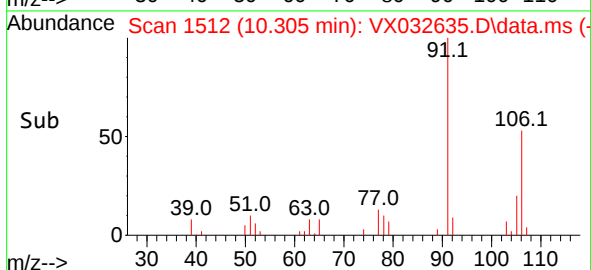
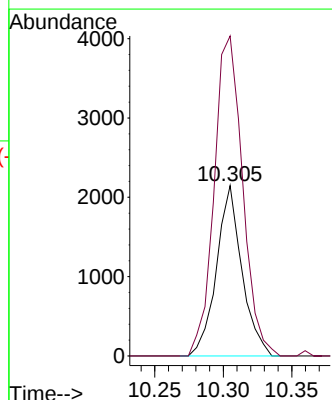
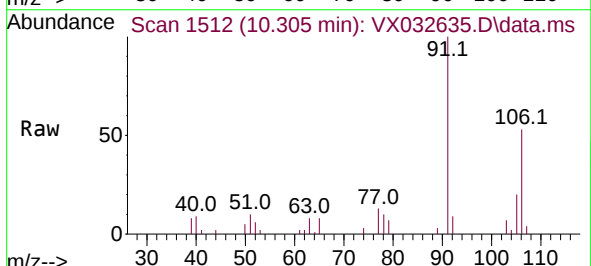
Acq: 07 Nov 2022 18:21

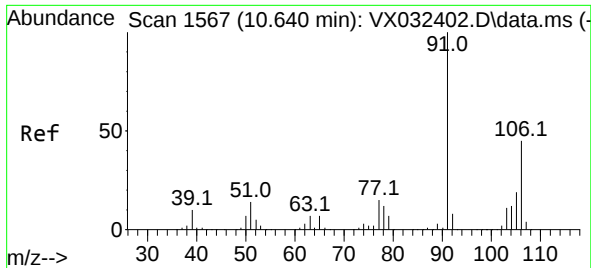
Tgt Ion:106 Resp: 2773

Ion Ratio Lower Upper

106 100

91 210.0 164.5 246.7

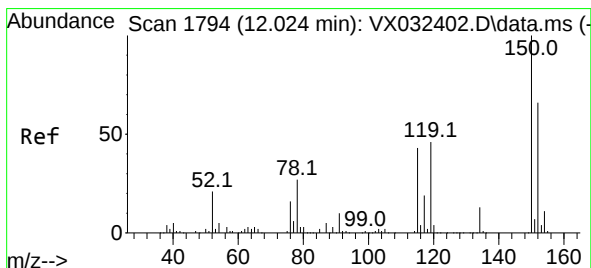
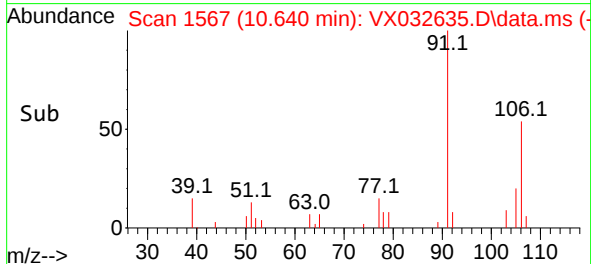
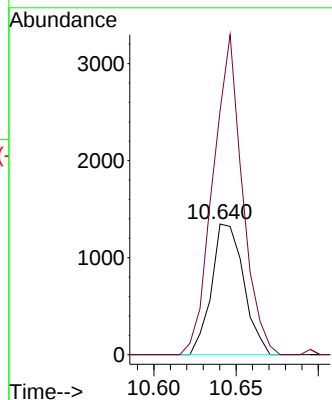
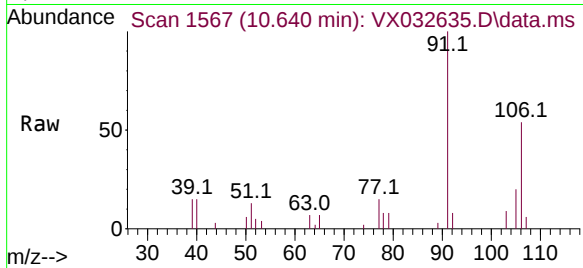




#69
o-Xylene
Concen: 0.806 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

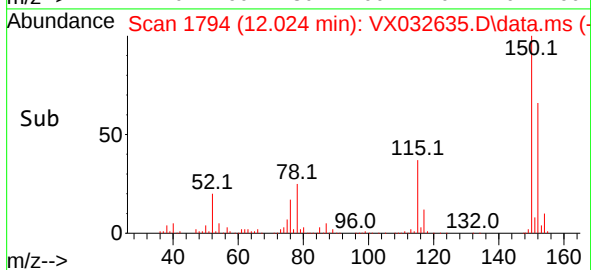
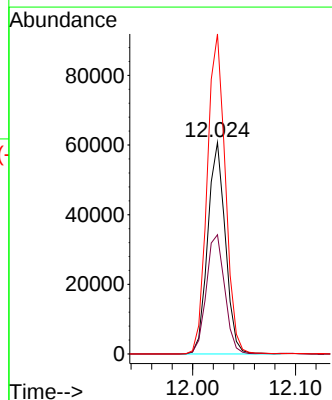
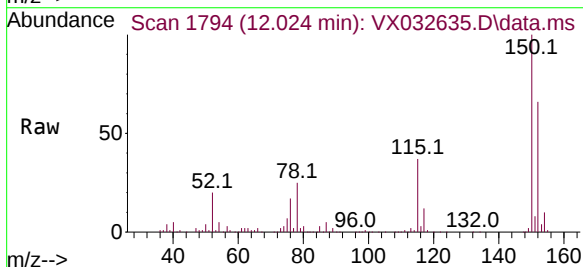
Instrument :
MSVOA_X
ClientSampleId :

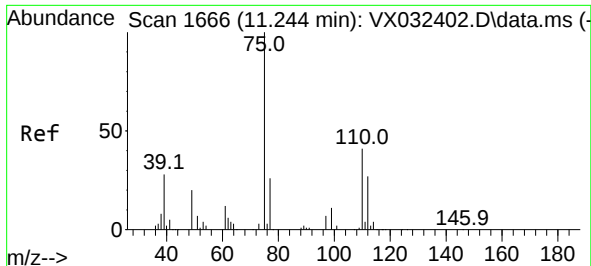
Tgt Ion:106 Resp: 1831
Ion Ratio Lower Upper
106 100
91 224.1 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

Tgt Ion:152 Resp: 72433
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 155.7 0.0 351.8

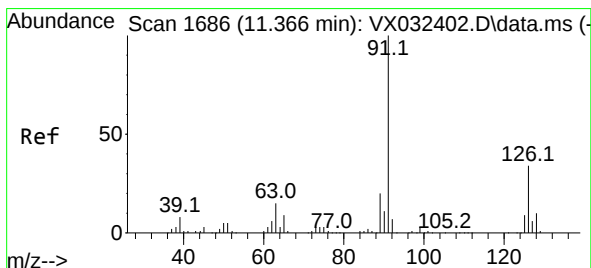
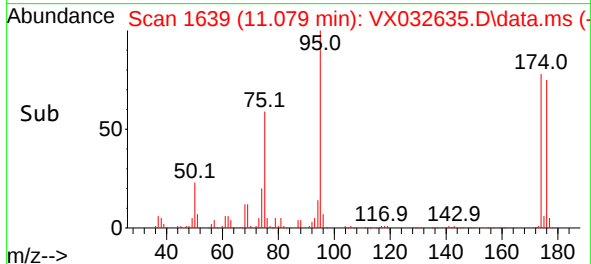
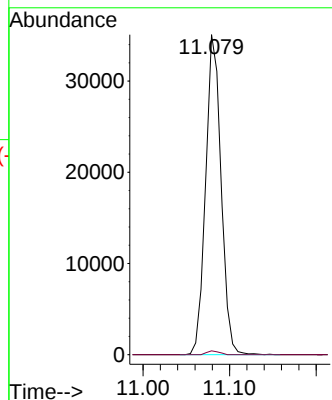
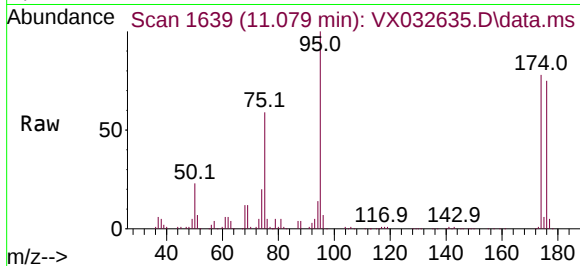




#76
1,2,3-Trichloropropane
Concen: 26.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

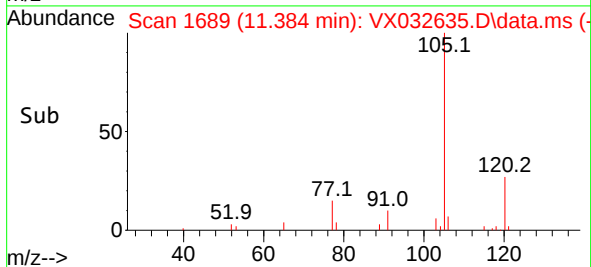
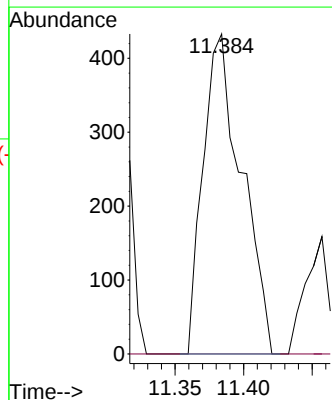
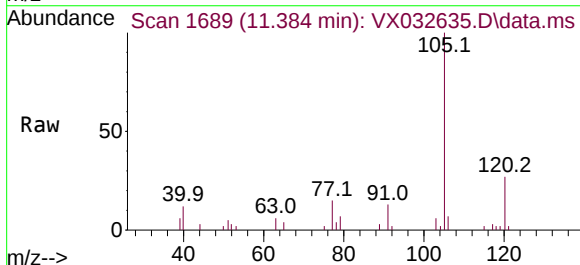
Instrument :
MSVOA_X
ClientSampleId :

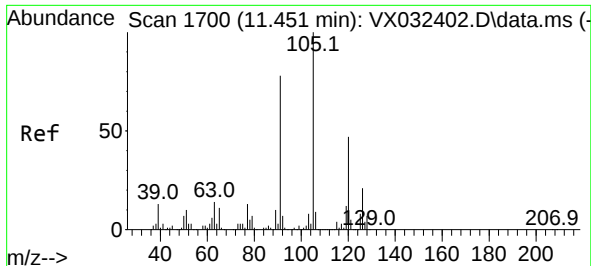
Tgt Ion: 75 Resp: 43474
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#79
2-Chlorotoluene
Concen: 0.214 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.018 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

Tgt Ion: 91 Resp: 847
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#

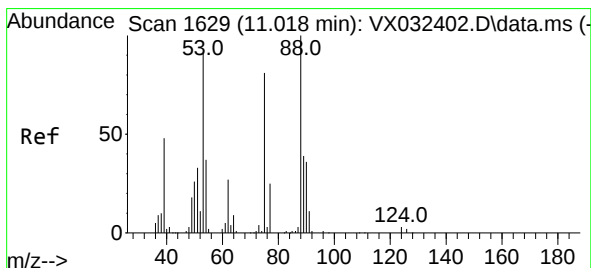
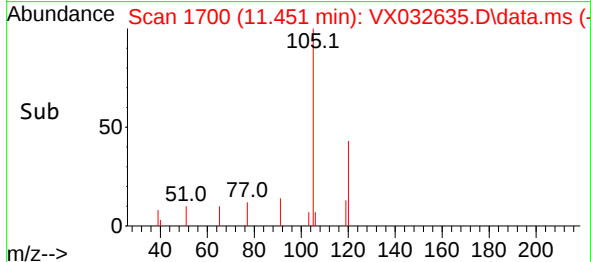
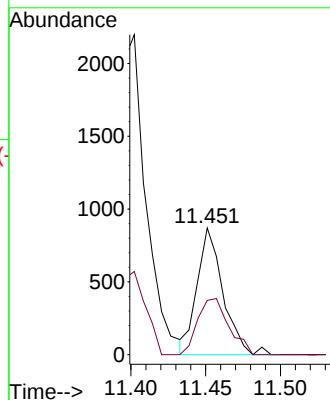
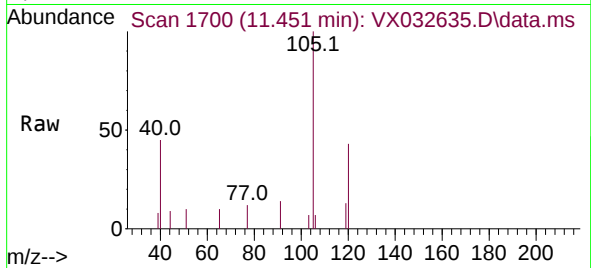




#80
1,3,5-Trimethylbenzene
Concen: 0.214 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

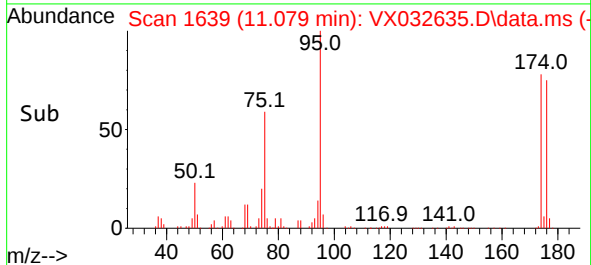
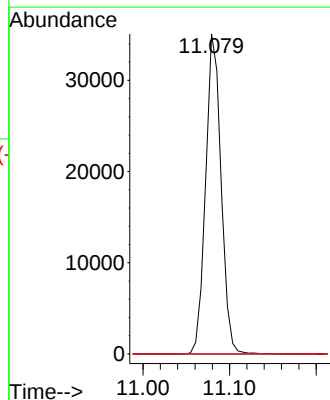
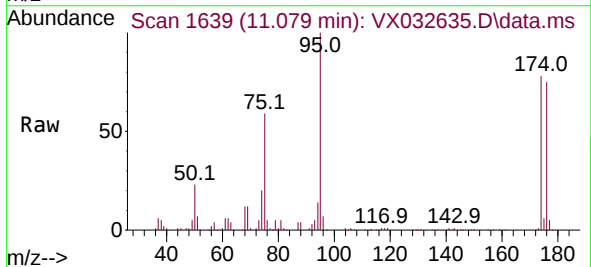
Instrument :
MSVOA_X
ClientSampleId :

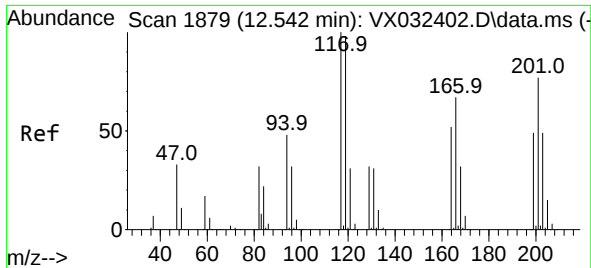
Tgt Ion:105 Resp: 1050
Ion Ratio Lower Upper
105 100
120 53.4 23.6 71.0



#81
trans-1,4-Dichloro-2-butene
Concen: 85.845 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032635.D
Acq: 07 Nov 2022 18:21

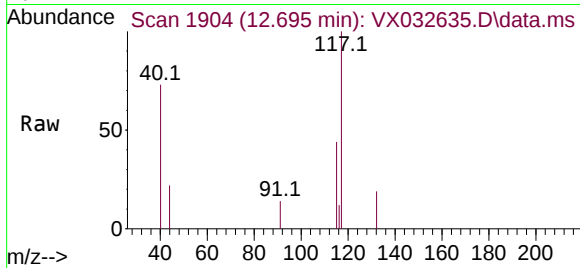
Tgt Ion: 75 Resp: 43474
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#90
 Hexachloroethane
 Concen: 0.895 ug/l
 RT: 12.695 min Scan# 1904
 Delta R.T. 0.152 min
 Lab File: VX032635.D
 Acq: 07 Nov 2022 18:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:117 Resp: 731
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

