

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
 Data File : VX028523.D
 Acq On : 04 May 2022 15:52
 Operator : JC/MD
 Sample : N2695-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MID0522

Quant Time: May 05 03:18:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

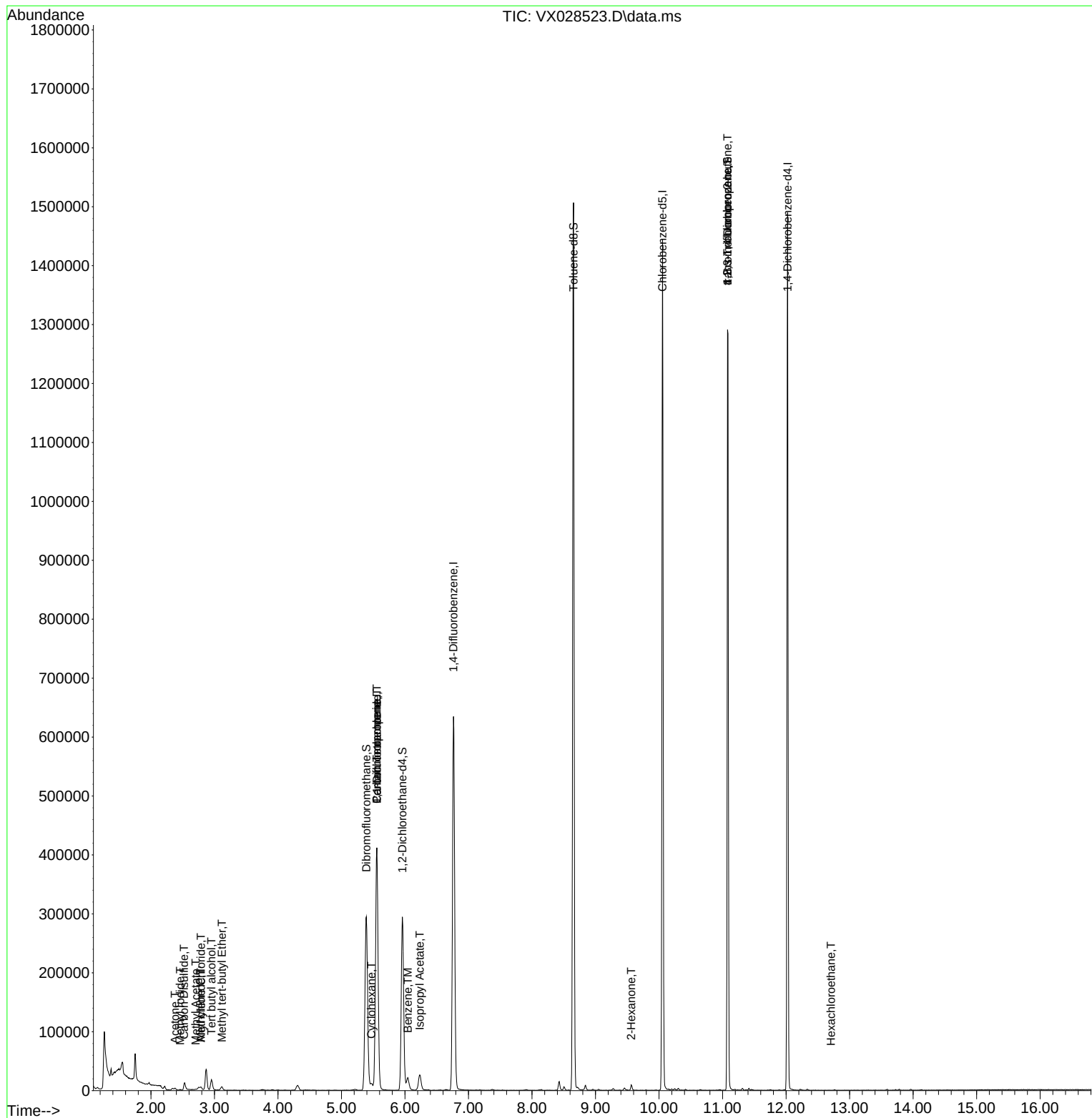
Internal Standards						
1) Pentafluorobenzene	5.556	168	402650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	687734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	660391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	306267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	277503	52.857	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.720%	
35) Dibromofluoromethane	5.391	113	257076	53.302	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.600%	
50) Toluene-d8	8.653	98	934161	50.429	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	11.079	95	338854	47.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.258	50	2060	Below Cal	#	42
5) Bromomethane	1.624	94	1223	Below Cal	#	73
10) Methyl Iodide	2.459	142	867	5.409	ug/l #	82
11) Tert butyl alcohol	2.953	59	18758	9.083	ug/l	98
14) Allyl chloride	2.788	41	1312	0.253	ug/l #	25
16) Acetone	2.380	43	4608	1.486	ug/l	96
17) Carbon Disulfide	2.520	76	7992	0.959	ug/l	96
18) Methyl Acetate	2.703	43	953	0.204	ug/l #	81
19) Methyl tert-butyl Ether	3.117	73	5648	0.438	ug/l	97
20) Methylene Chloride	2.788	84	1119	0.287	ug/l	89
31) Cyclohexane	5.471	56	6381	0.998	ug/l	91
36) 1,1-Dichloropropene	5.556	75	28258	4.492	ug/l #	50
38) Carbon Tetrachloride	5.556	117	39256	5.527	ug/l #	16
40) Benzene	6.044	78	25091	1.362	ug/l	90
43) Isopropyl Acetate	6.233	43	5986	0.576	ug/l #	56
59) 2-Hexanone	9.561	43	1498	0.290	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	167106	27.724	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	167106	82.388	ug/l #	15
90) Hexachloroethane	12.707	117	60	1.831	ug/l #	10

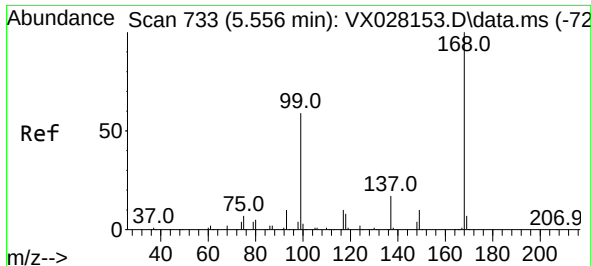
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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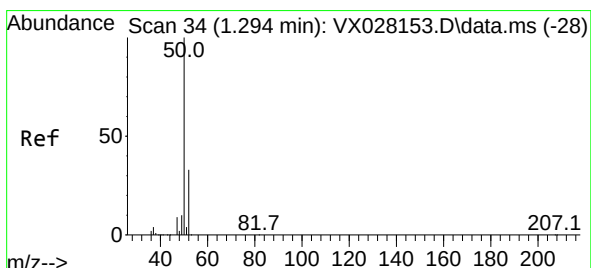
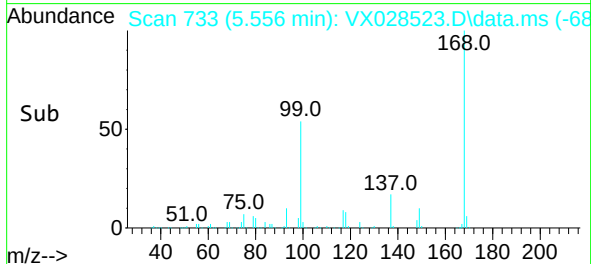
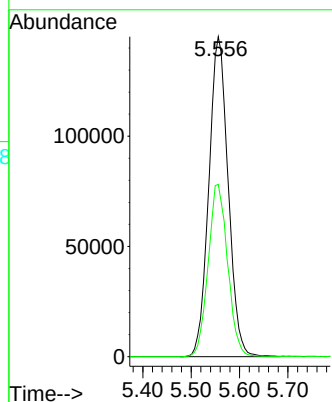
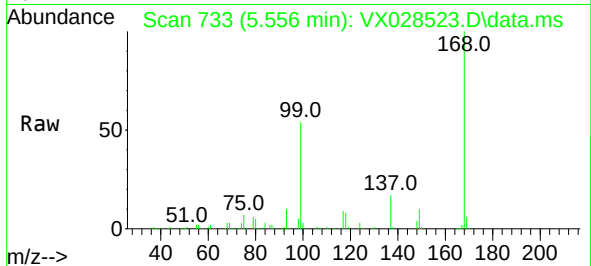




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

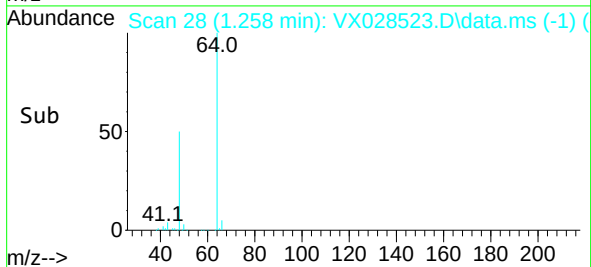
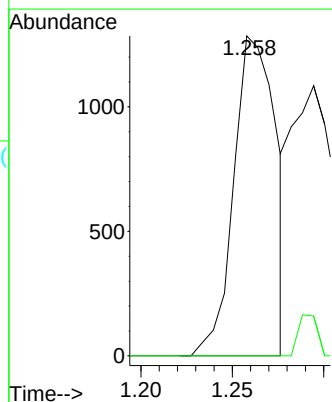
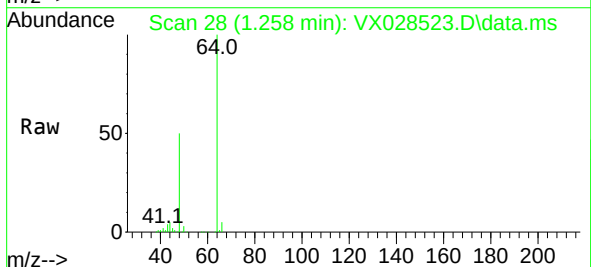
Instrument :
MSVOA_X
ClientSampleId :
MID0522

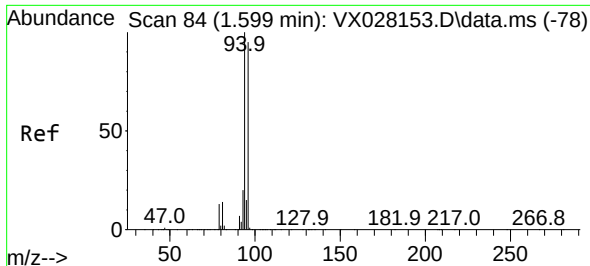
Tgt Ion:168 Resp: 402650
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion: 50 Resp: 2060
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

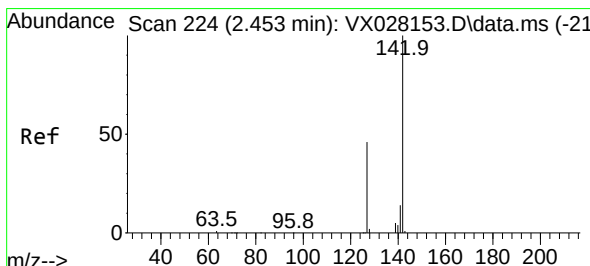
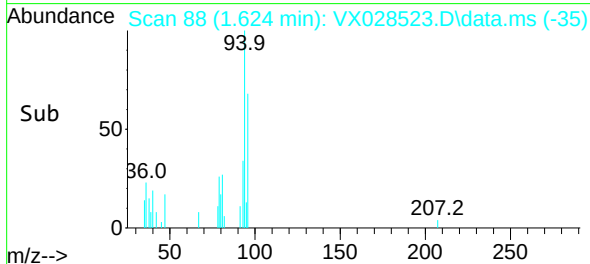
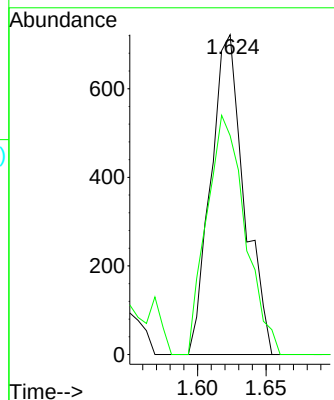
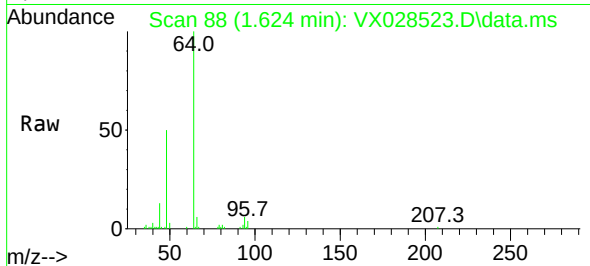




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

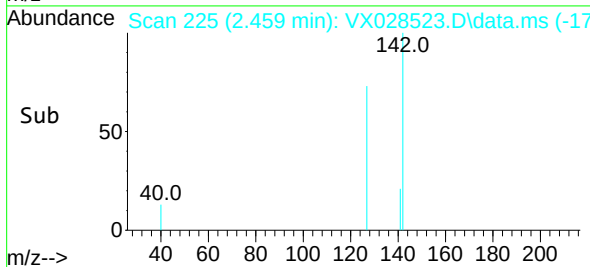
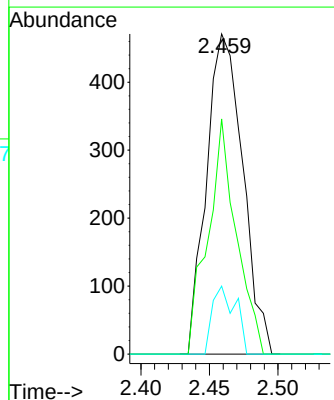
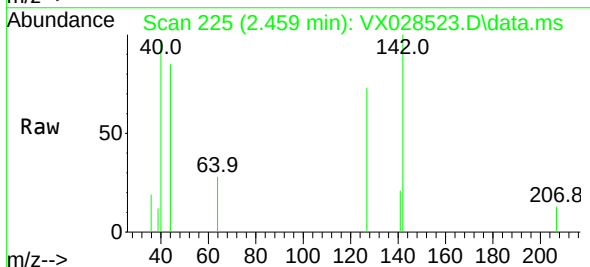
Instrument :
MSVOA_X
ClientSampleId :
MID0522

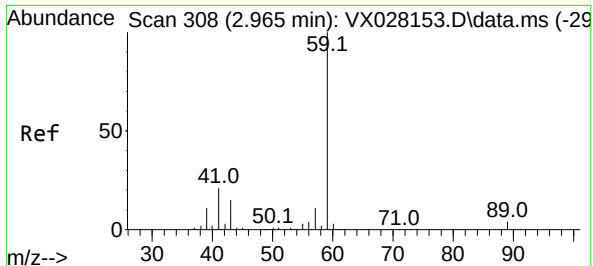
Tgt Ion: 94 Resp: 1223
Ion Ratio Lower Upper
94 100
96 68.4 75.3 112.9#



#10
Methyl Iodide
Concen: 5.409 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion: 142 Resp: 867
Ion Ratio Lower Upper
142 100
127 57.7 33.9 50.9#
141 13.5 11.4 17.2

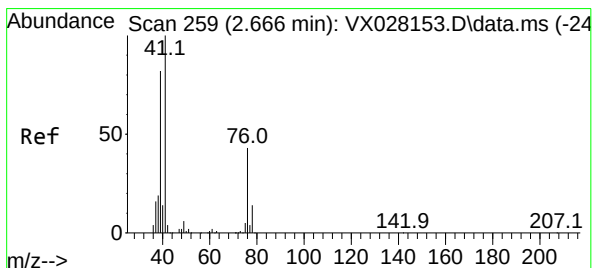
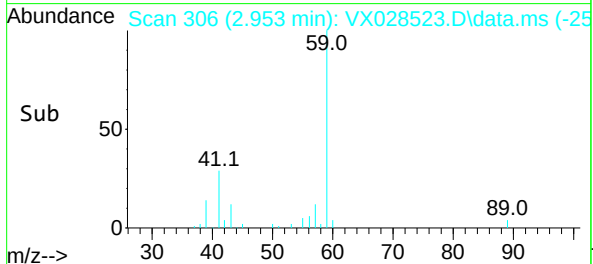
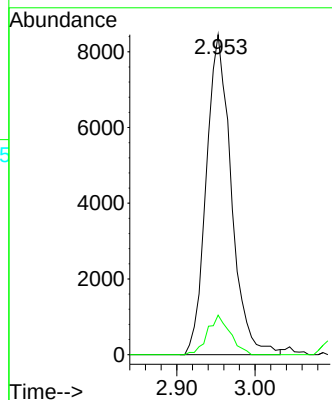
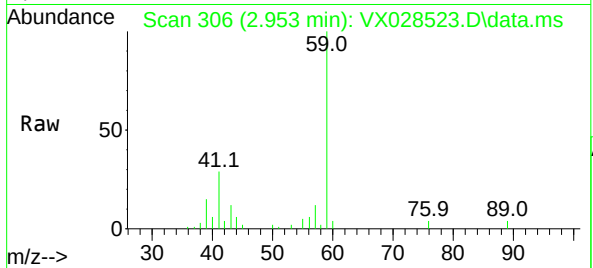




#11
Tert butyl alcohol
Concen: 9.083 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

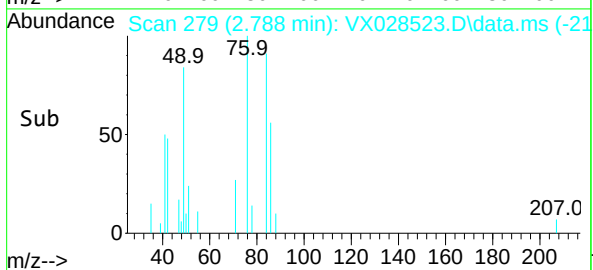
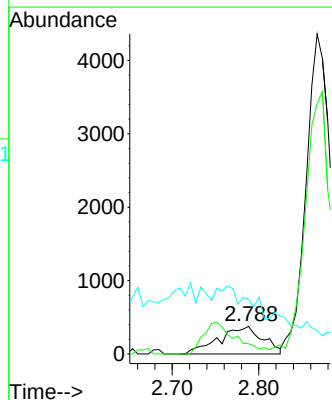
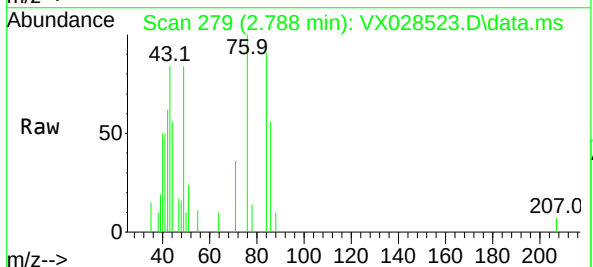
Instrument :
MSVOA_X
ClientSampleId :
MID0522

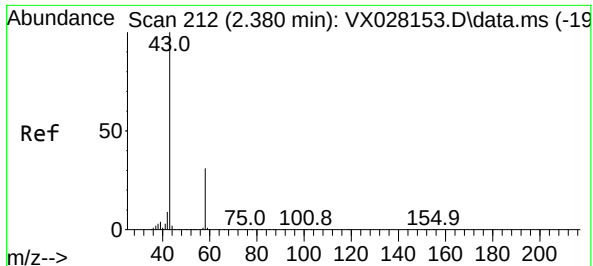
Tgt Ion: 59 Resp: 18758
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5



#14
Allyl chloride
Concen: 0.253 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.122 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion: 41 Resp: 1312
Ion Ratio Lower Upper
41 100
39 0.0 50.4 75.6#
76 0.0 32.7 49.1#

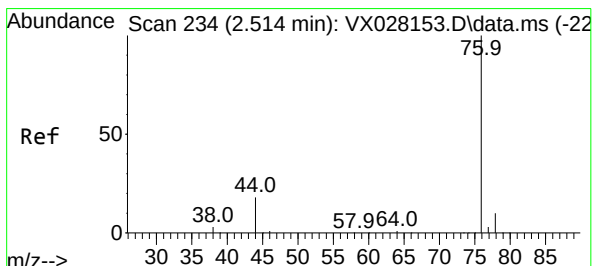
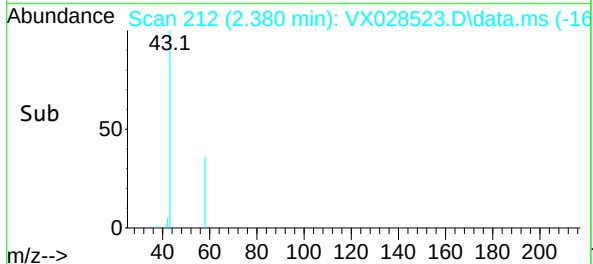
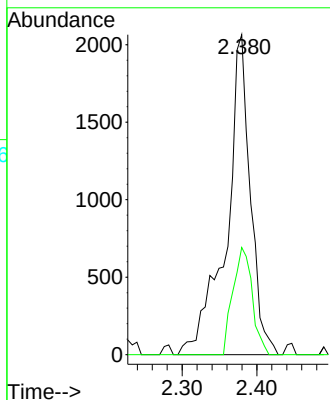
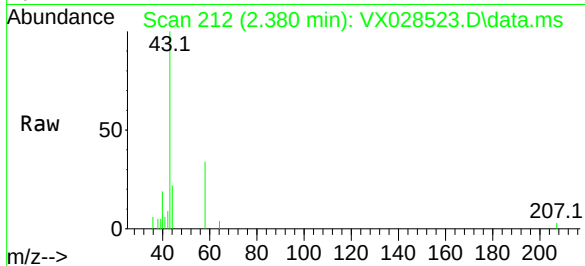




#16
Acetone
Concen: 1.486 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

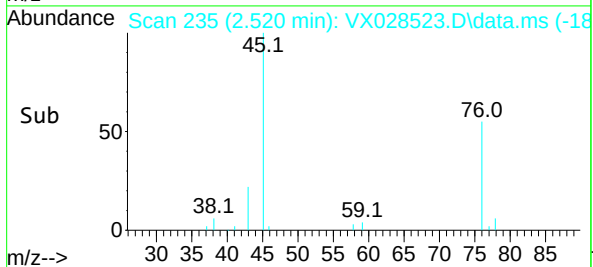
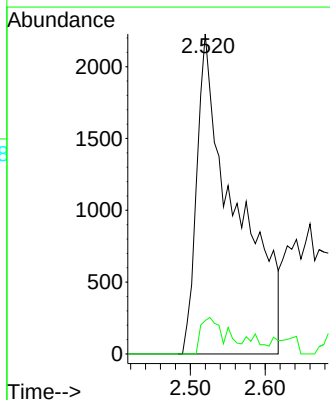
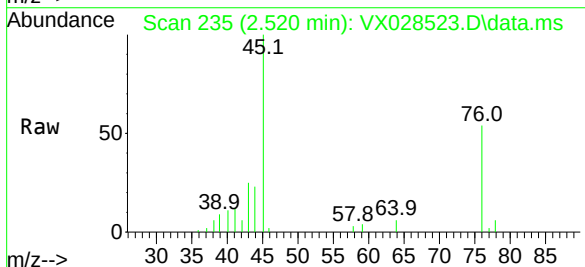
Instrument :
MSVOA_X
ClientSampleId :
MID0522

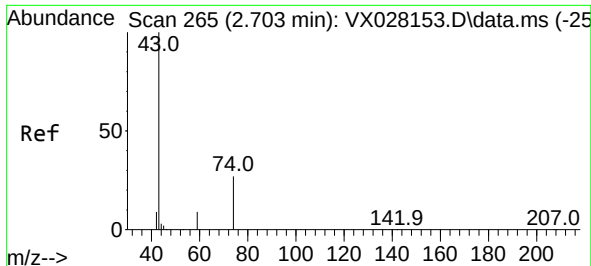
Tgt Ion: 43 Resp: 4608
Ion Ratio Lower Upper
43 100
58 33.5 28.8 43.2



#17
Carbon Disulfide
Concen: 0.959 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion: 76 Resp: 7992
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

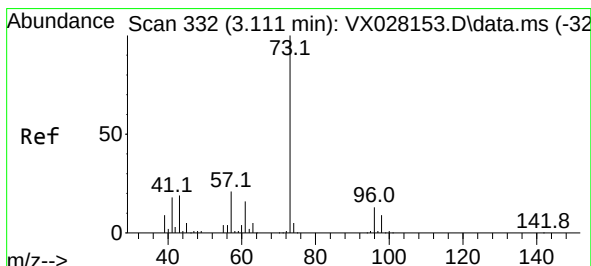
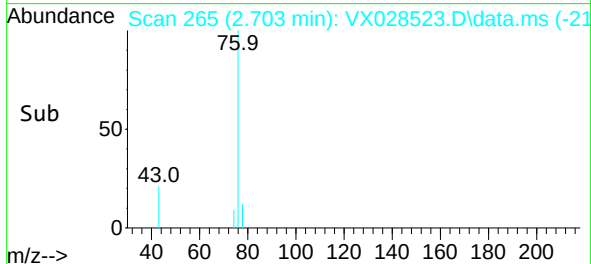
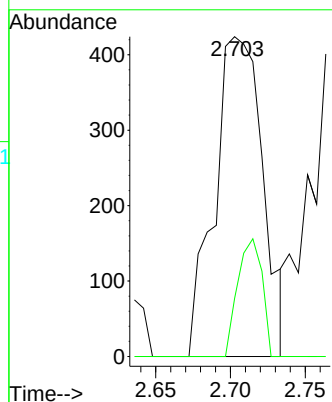
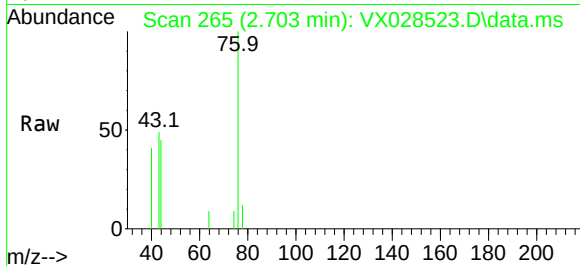




#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

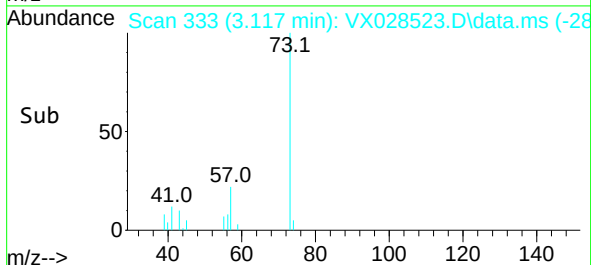
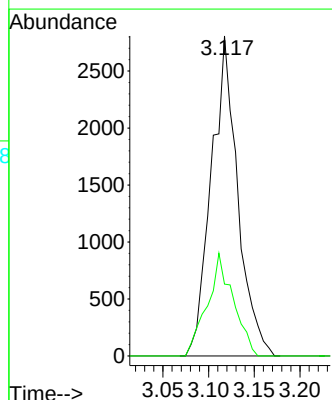
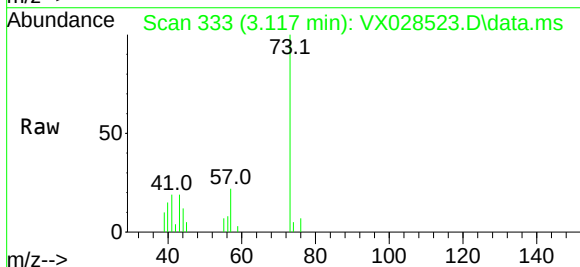
Instrument :
MSVOA_X
ClientSampleId :
MID0522

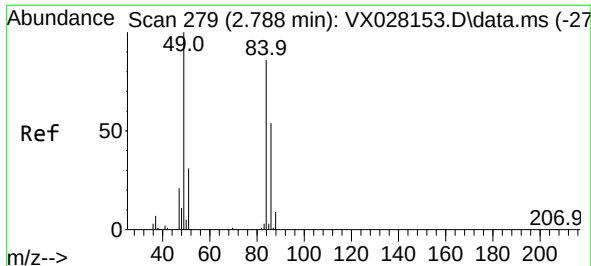
Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
74 18.6 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 0.438 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion: 73 Resp: 5648
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2





#20

Methylene Chloride

Concen: 0.287 ug/l

RT: 2.788 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX028523.D

Acq: 04 May 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

MID0522

Tgt Ion: 84 Resp: 1119

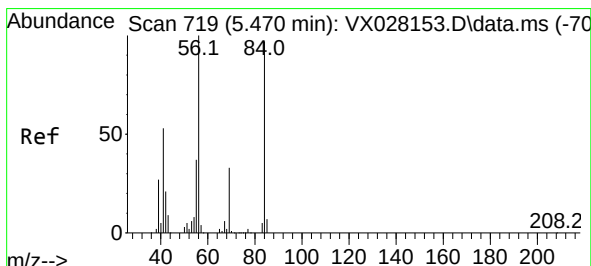
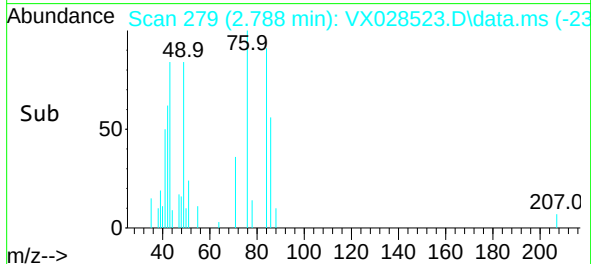
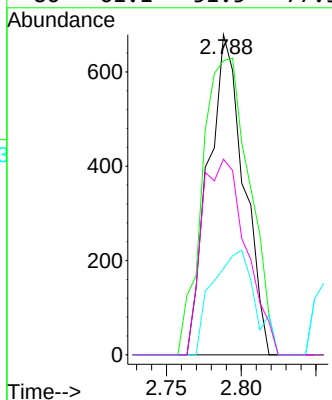
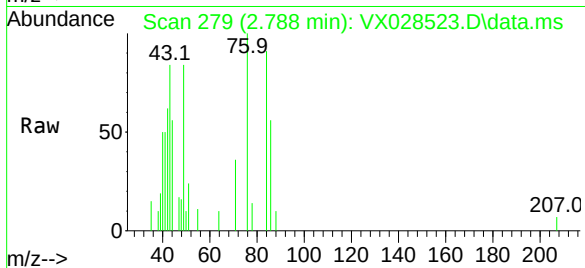
Ion Ratio Lower Upper

84 100

49 91.9 85.5 128.3

51 27.0 26.6 39.8

86 61.1 51.5 77.3



#31

Cyclohexane

Concen: 0.998 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.001 min

Lab File: VX028523.D

Acq: 04 May 2022 15:52

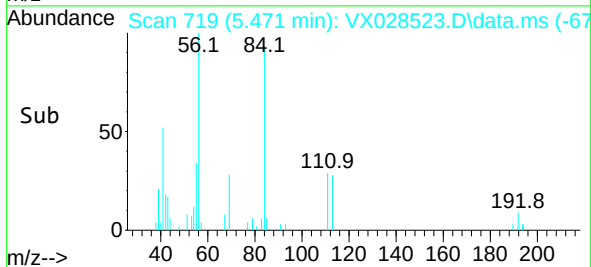
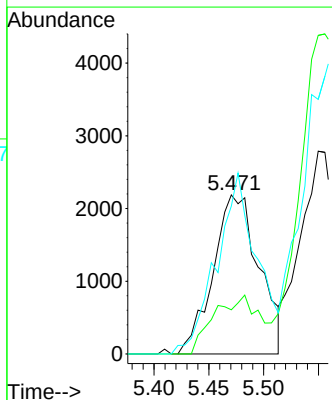
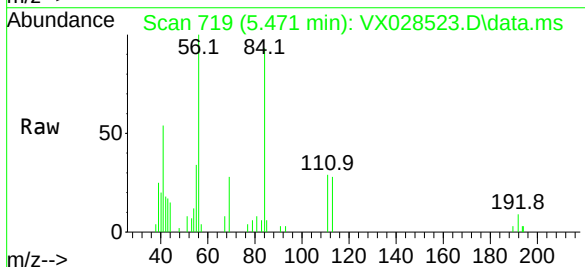
Tgt Ion: 56 Resp: 6381

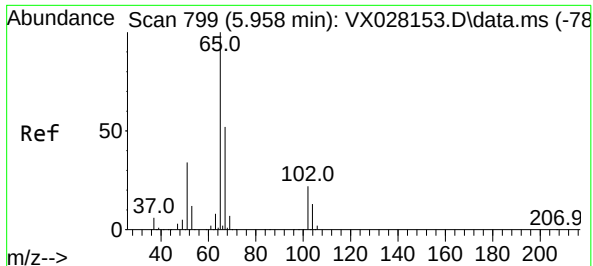
Ion Ratio Lower Upper

56 100

69 27.8 26.7 40.1

84 87.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 52.857 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028523.D

Acq: 04 May 2022 15:52

Instrument :

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ClientSampleId :

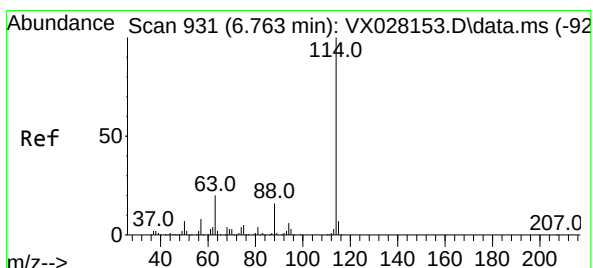
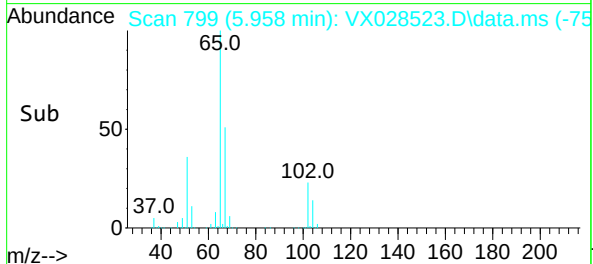
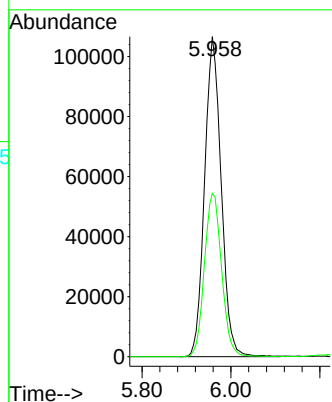
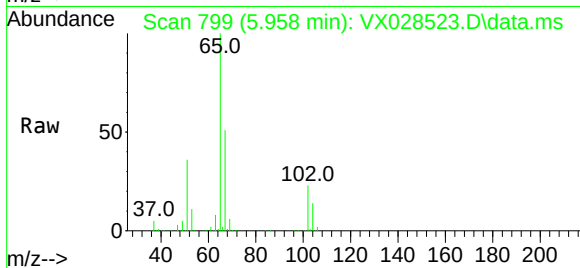
MID0522

Tgt Ion: 65 Resp: 277503

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028523.D

Acq: 04 May 2022 15:52

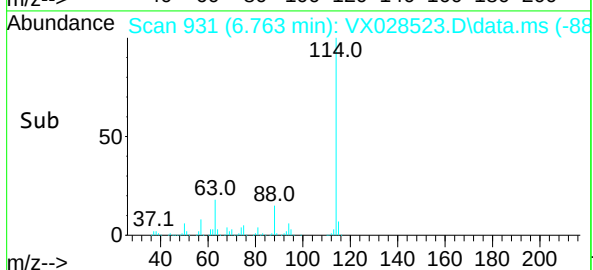
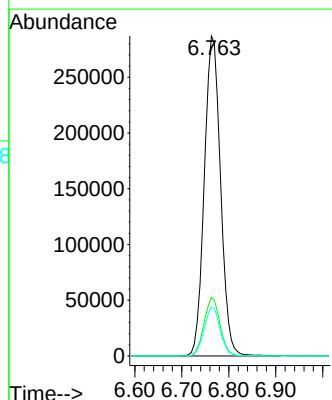
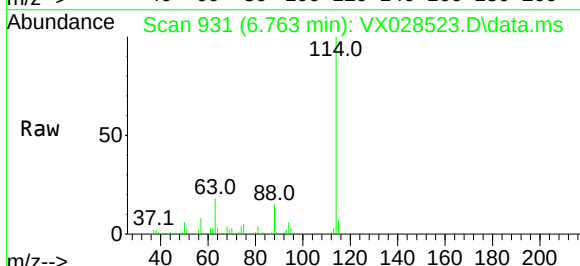
Tgt Ion: 114 Resp: 687734

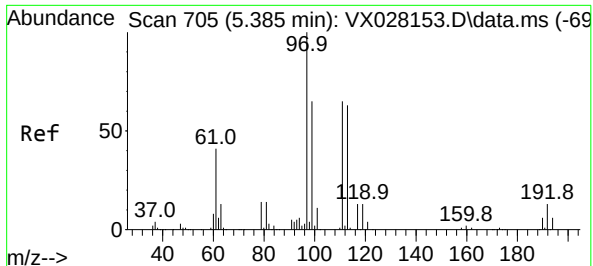
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.302 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028523.D

Acq: 04 May 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

MID0522

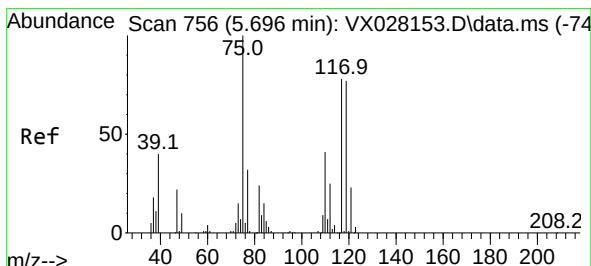
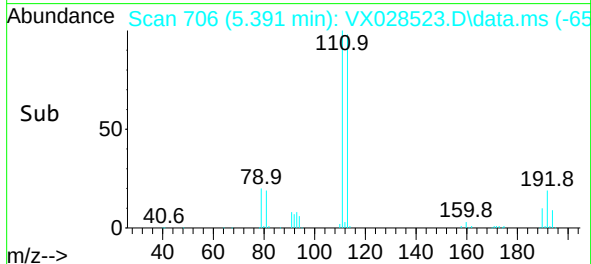
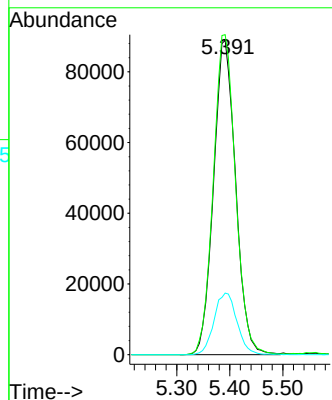
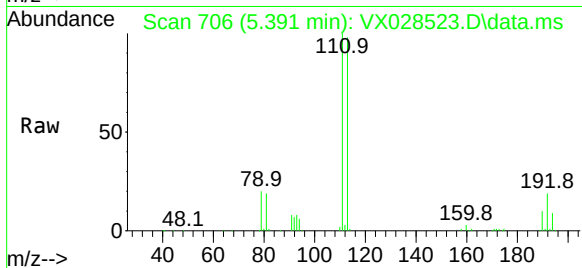
Tgt Ion:113 Resp: 257076

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 20.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.492 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028523.D

Acq: 04 May 2022 15:52

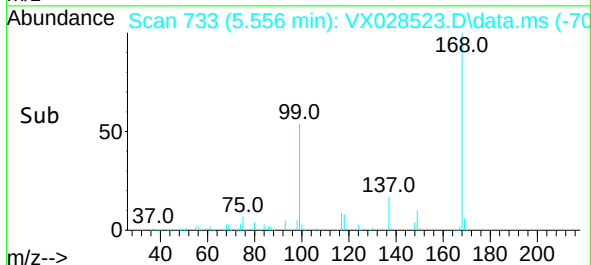
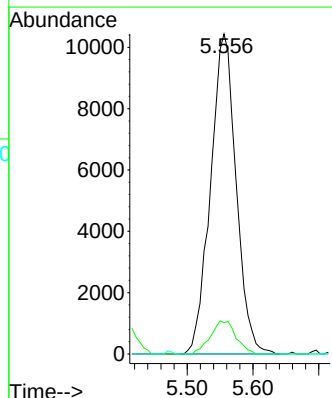
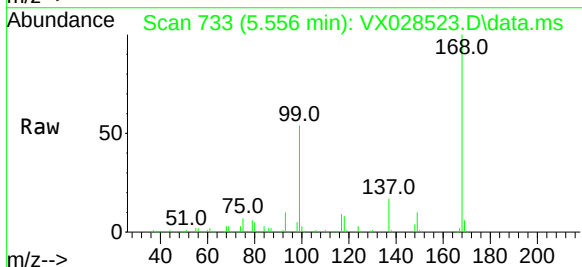
Tgt Ion: 75 Resp: 28258

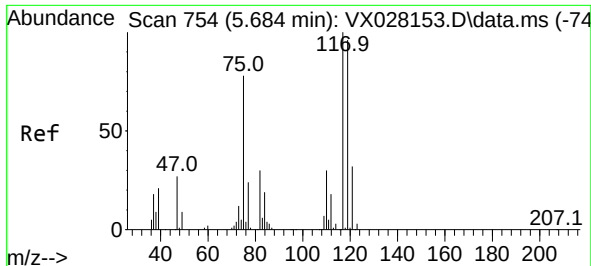
Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

77 0.0 24.8 37.2#

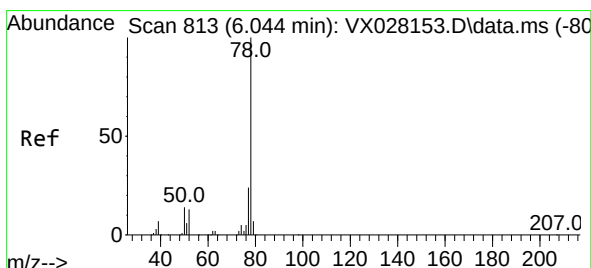
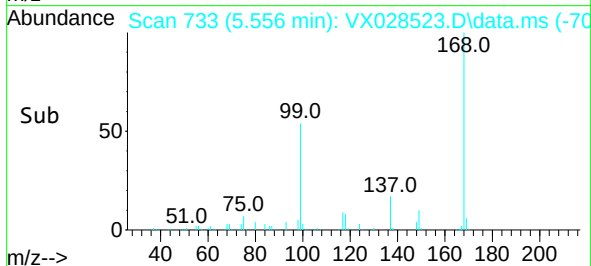
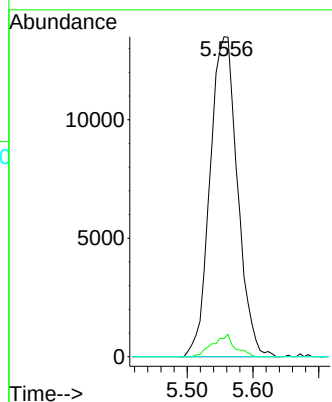
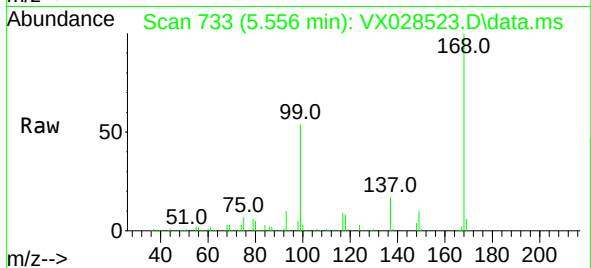




#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

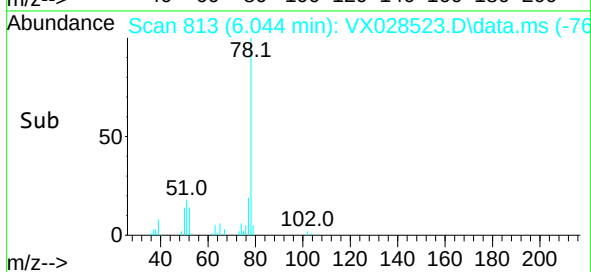
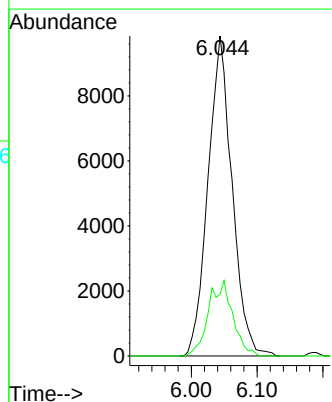
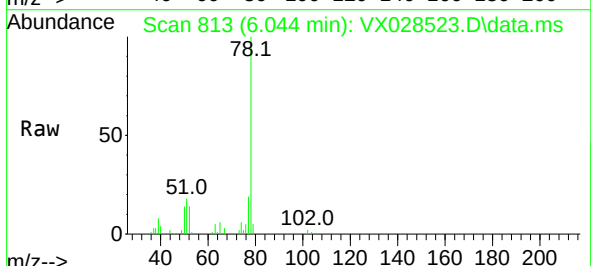
Instrument :
MSVOA_X
ClientSampleId :
MID0522

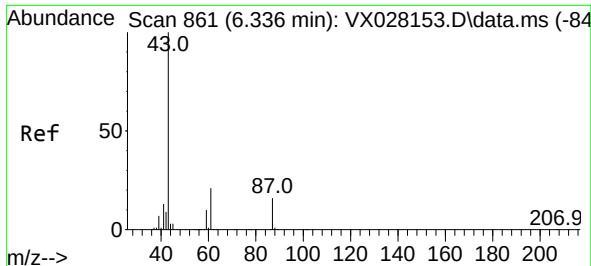
Tgt Ion:117 Resp: 39256
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 1.362 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion: 78 Resp: 25091
Ion Ratio Lower Upper
78 100
77 19.3 19.3 28.9

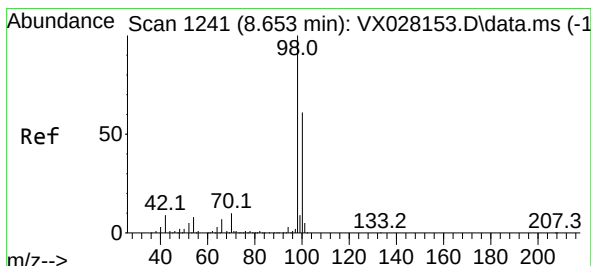
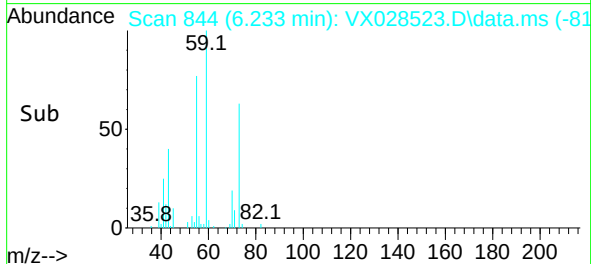
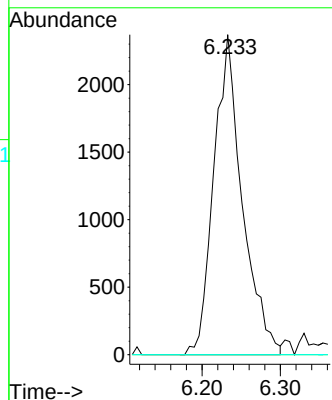
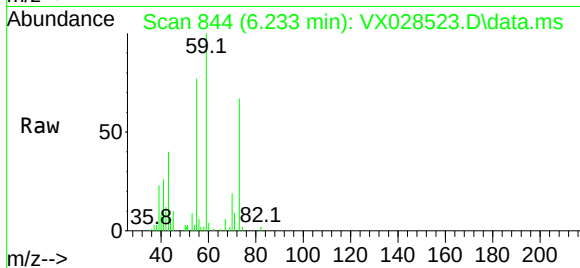




#43
Isopropyl Acetate
Concen: 0.576 ug/l
RT: 6.233 min Scan# 84
Delta R.T. -0.103 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

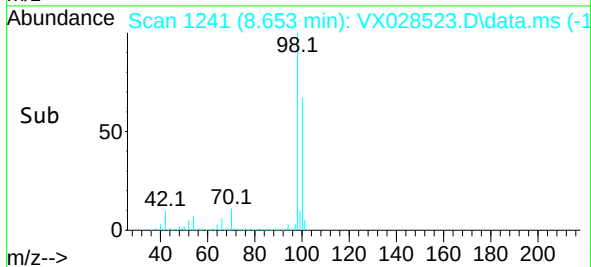
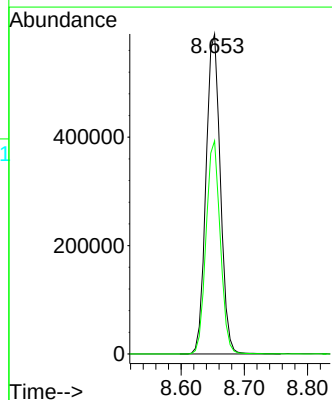
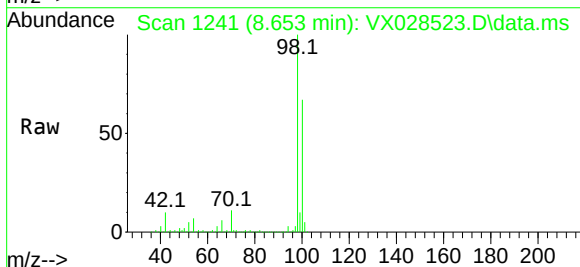
Instrument :
MSVOA_X
ClientSampleId :
MID0522

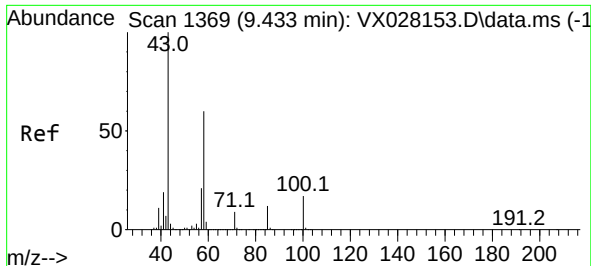
Tgt Ion: 43 Resp: 5986
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#50
Toluene-d8
Concen: 50.429 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion: 98 Resp: 934161
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#59

2-Hexanone

Concen: 0.290 ug/l

RT: 9.561 min Scan# 11

Delta R.T. 0.128 min

Lab File: VX028523.D

Acq: 04 May 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

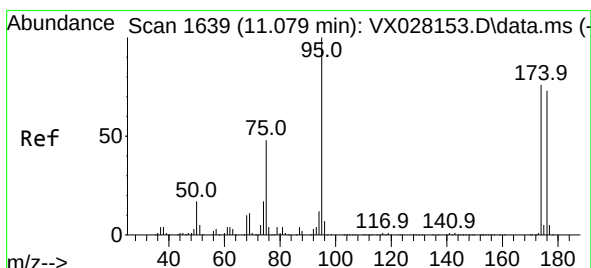
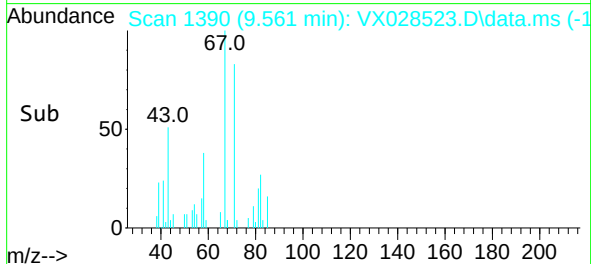
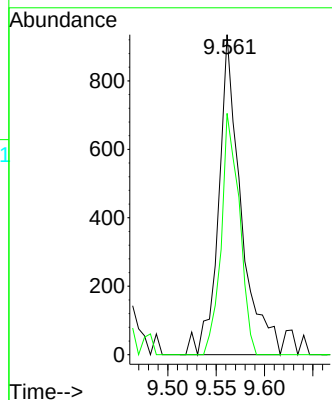
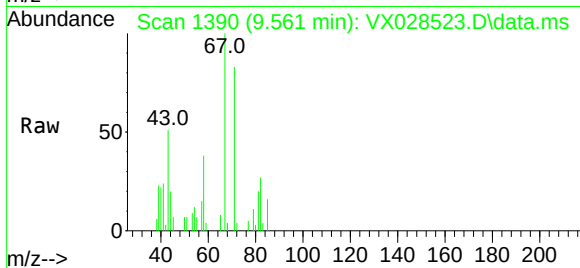
MID0522

Tgt Ion: 43 Resp: 1498

Ion Ratio Lower Upper

43 100

58 61.4 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 47.841 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028523.D

Acq: 04 May 2022 15:52

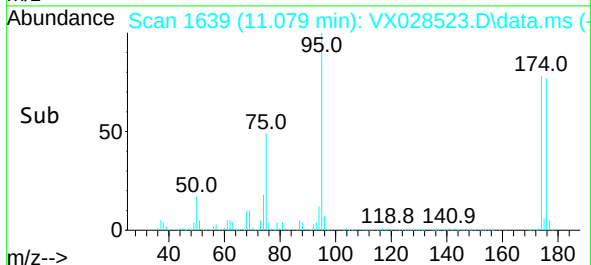
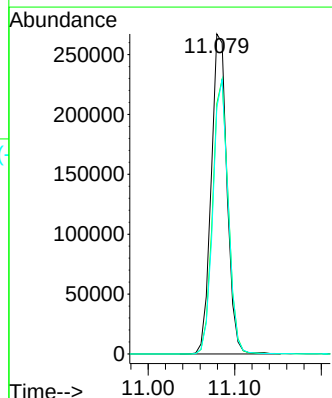
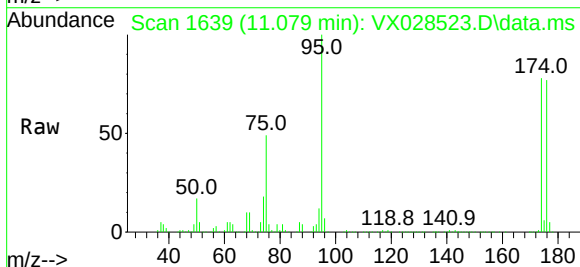
Tgt Ion: 95 Resp: 338854

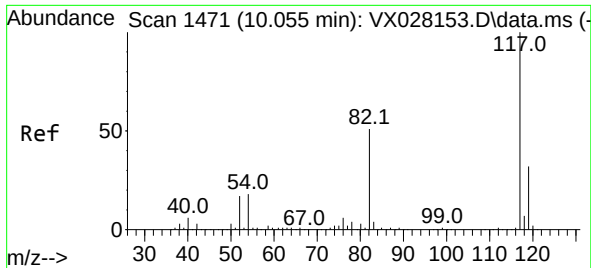
Ion Ratio Lower Upper

95 100

174 85.0 0.0 163.0

176 83.4 0.0 155.0

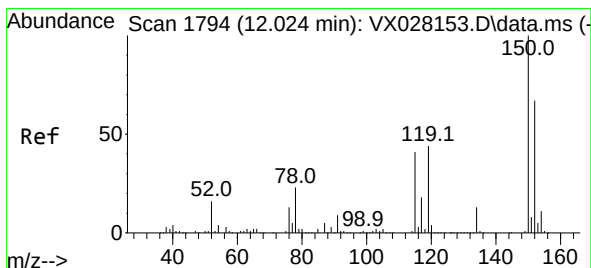
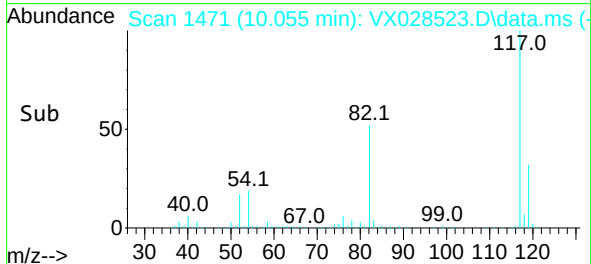
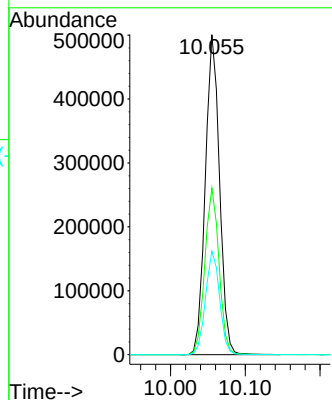
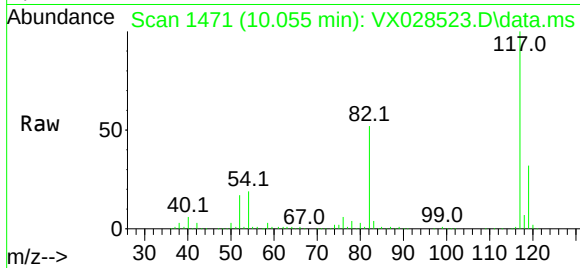




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

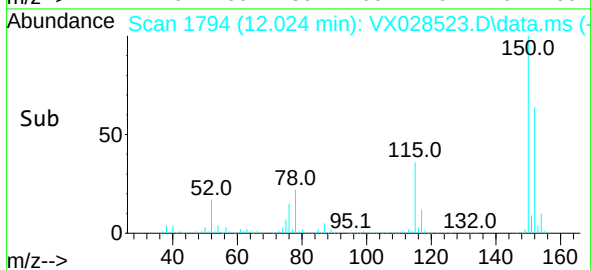
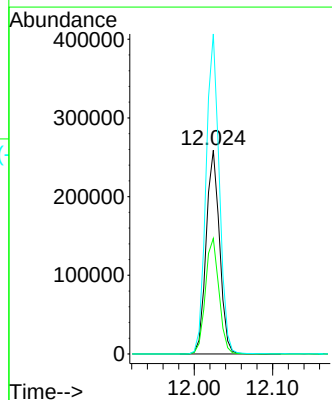
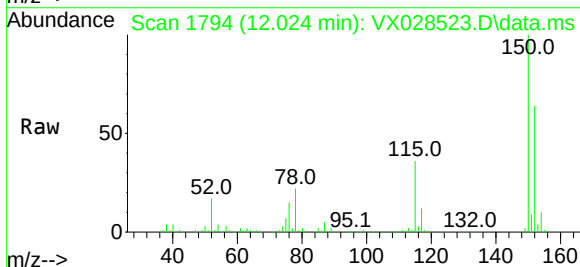
Instrument :
MSVOA_X
ClientSampleId :
MID0522

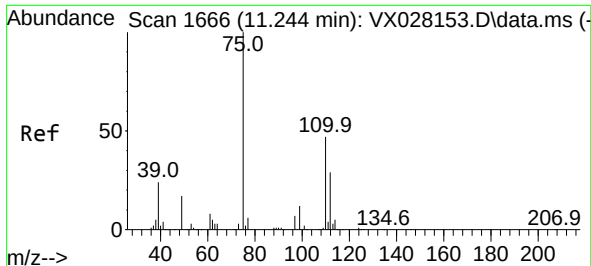
Tgt Ion:117 Resp: 660391
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion:152 Resp: 306267
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 155.7 0.0 338.2

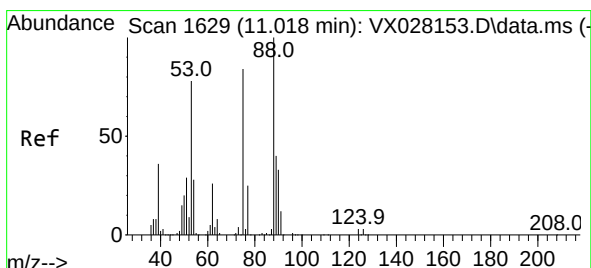
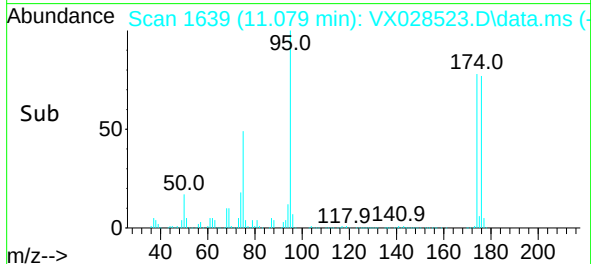
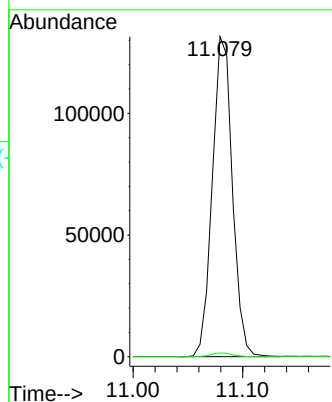
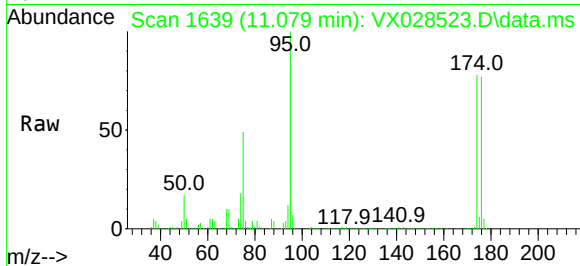




#76
1,2,3-Trichloropropane
Concen: 27.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

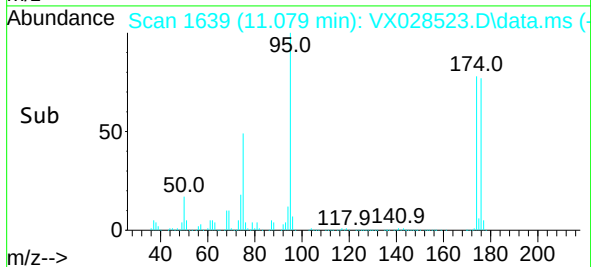
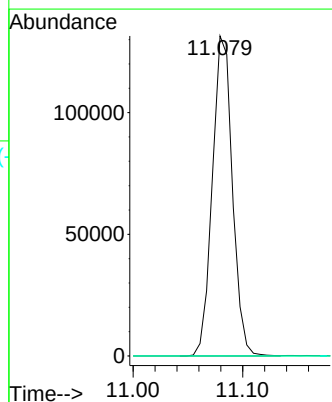
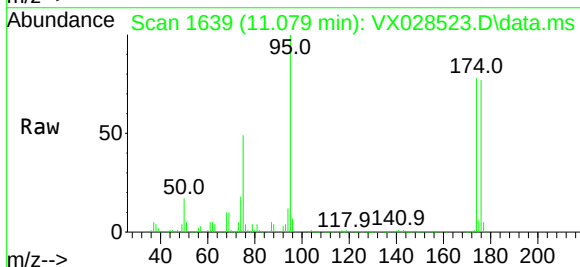
Instrument :
MSVOA_X
ClientSampleId :
MID0522

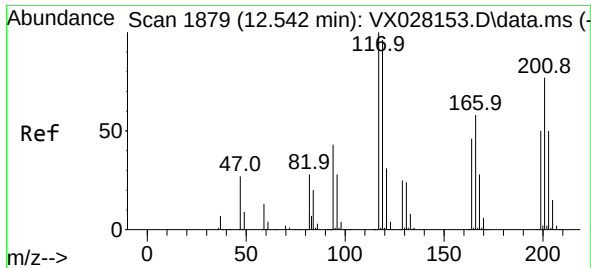
Tgt Ion: 75 Resp: 167106
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.388 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028523.D
Acq: 04 May 2022 15:52

Tgt Ion: 75 Resp: 167106
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
 Hexachloroethane
 Concen: 1.831 ug/l
 RT: 12.707 min Scan# 1906
 Delta R.T. 0.165 min
 Lab File: VX028523.D
 Acq: 04 May 2022 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MID0522

Tgt Ion:117 Resp: 60
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#

