

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035879.D
 Acq On : 26 May 2023 02:26
 Operator : JC/MD
 Sample : VX0525WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBL02

Quant Time: May 26 09:22:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

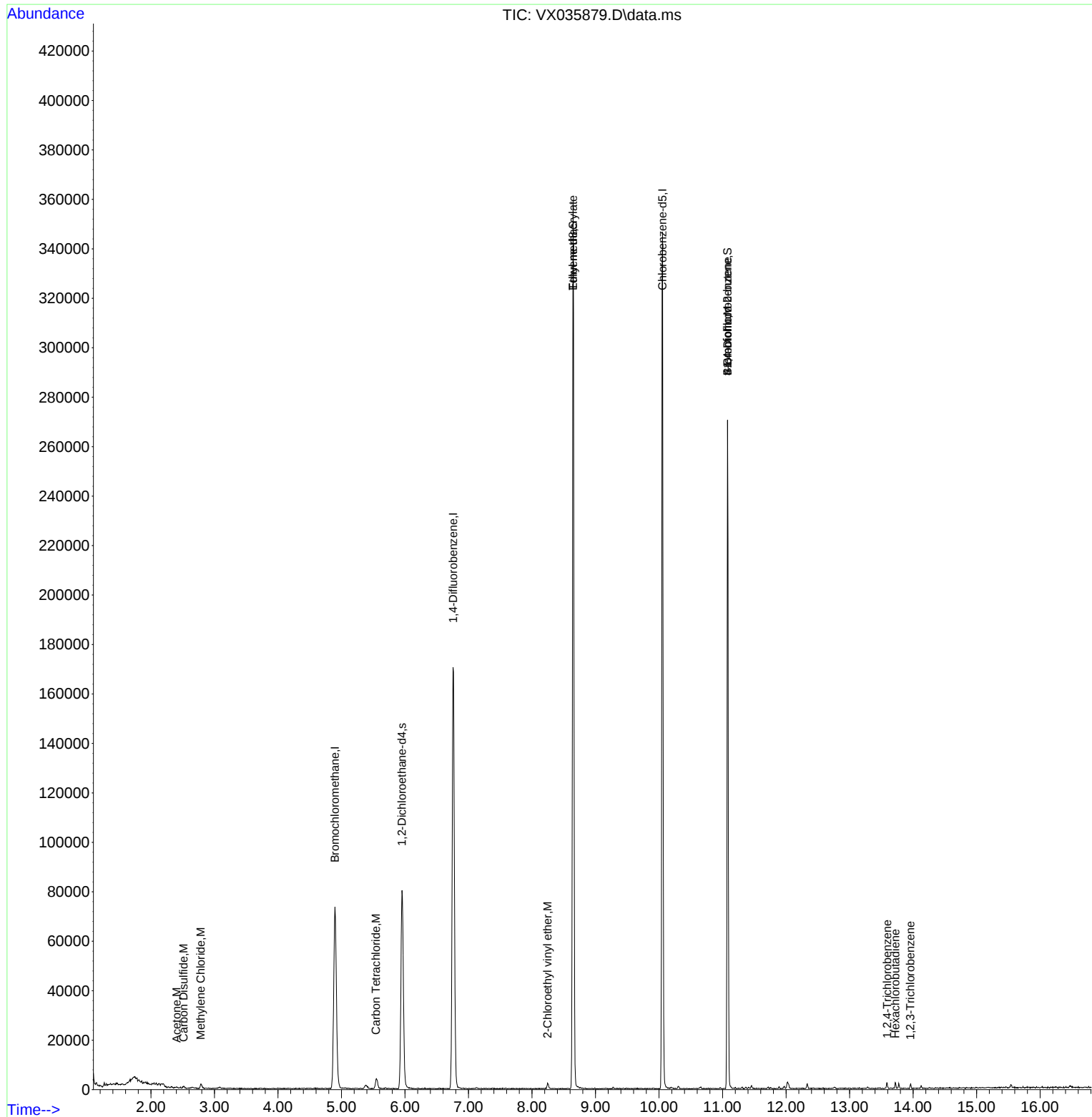
Internal Standards						
1) Bromochloromethane	4.897	128	29375	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	171996	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	148433	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	76826	31.476	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.933%
60) 4-Bromofluorobenzene	11.079	95	68307	27.425	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.433%
63) Toluene-d8	8.647	98	201119	30.649	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.167%
Target Compounds						
					Qvalue	
15) Acetone	2.404	58	146	0.468	ug/l #	36
16) Carbon Disulfide	2.514	76	888	0.278	ug/l #	76
18) Methylene Chloride	2.782	84	878	0.458	ug/l #	92
33) Carbon Tetrachloride	5.544	117	460	0.208	ug/l #	14
51) Ethyl methacrylate	8.647	69	741	0.244	ug/l #	53
55) 2-Chloroethyl vinyl ether	8.244	63	961	0.597	ug/l	92
56) Bromoform	11.079	173	452	0.386	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	36920	48.022	ug/l #	4
89) 1,2,4-Trichlorobenzene	13.591	180	590	0.265	ug/l	85
90) Hexachlorobutadiene	13.719	225	252	0.306	ug/l	57
92) 1,2,3-Trichlorobenzene	13.957	180	506	0.227	ug/l	96

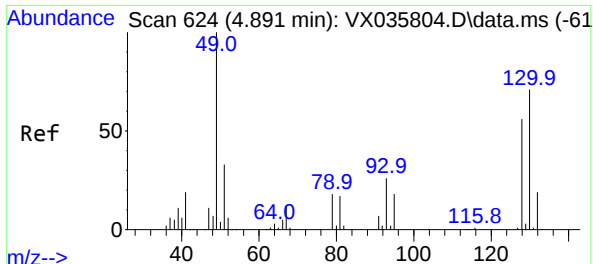
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
Data File : VX035879.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

Quant Time: May 26 09:22:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 2023
Response via : Initial Calibration

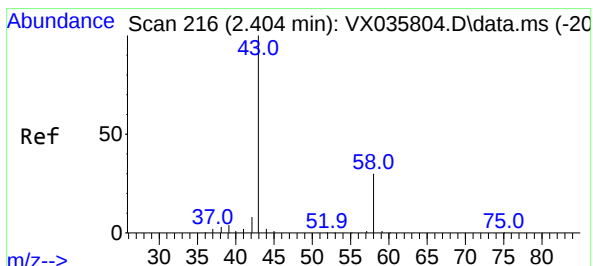
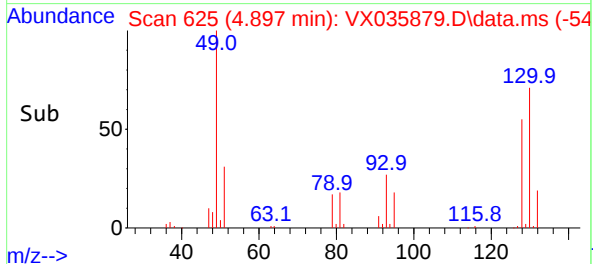
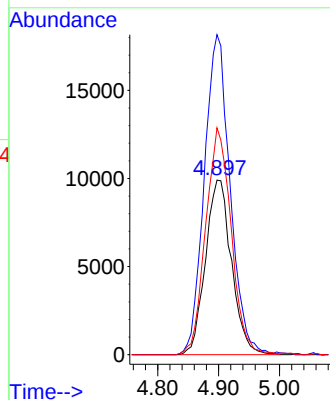
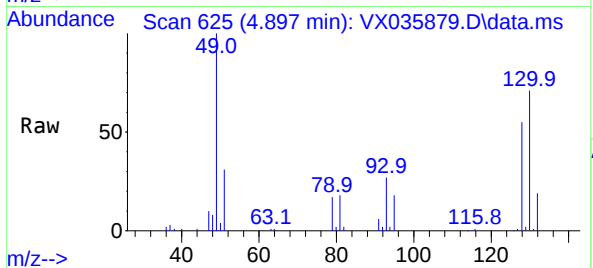




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

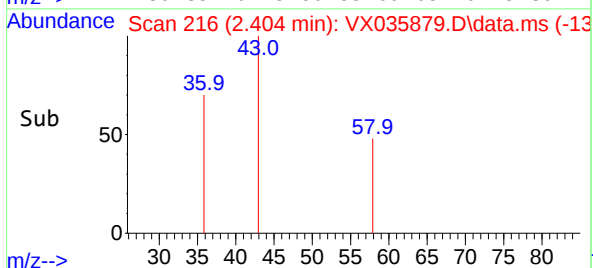
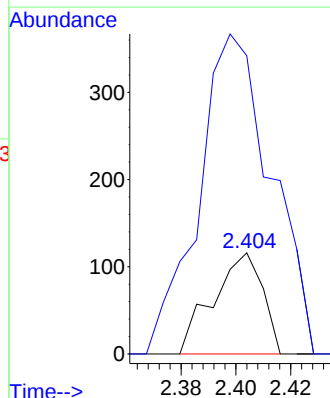
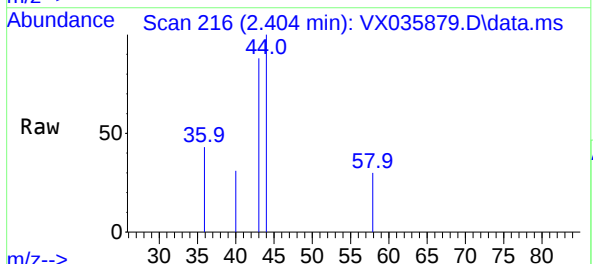
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

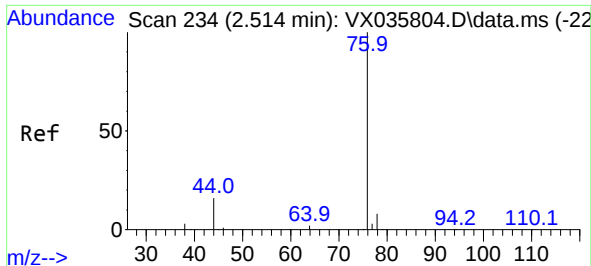
Tgt Ion:128 Resp: 29375
Ion Ratio Lower Upper
128 100
49 181.8 0.0 428.8
130 127.9 0.0 310.8



#15
Acetone
Concen: 0.468 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

Tgt Ion: 58 Resp: 146
Ion Ratio Lower Upper
58 100
43 203.4 270.8 406.2#

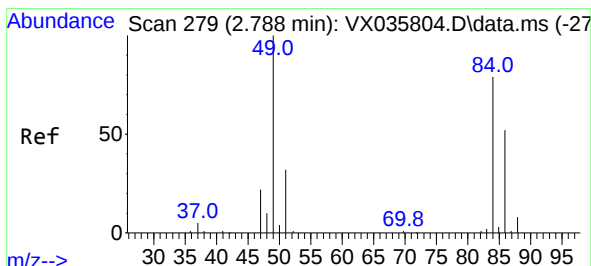
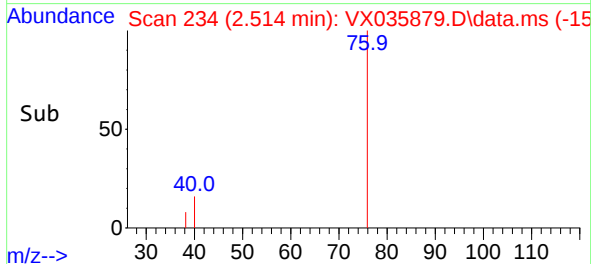
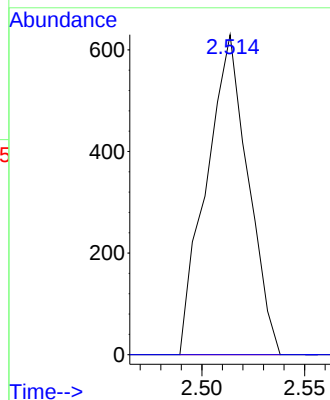
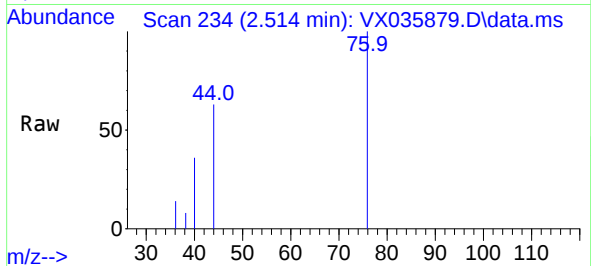




#16
Carbon Disulfide
Concen: 0.278 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

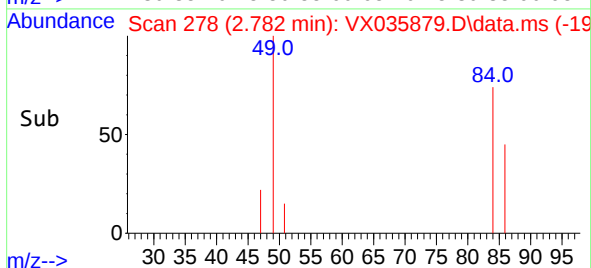
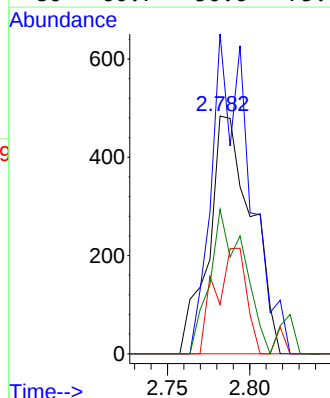
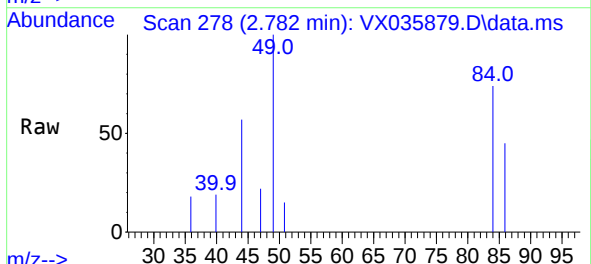
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

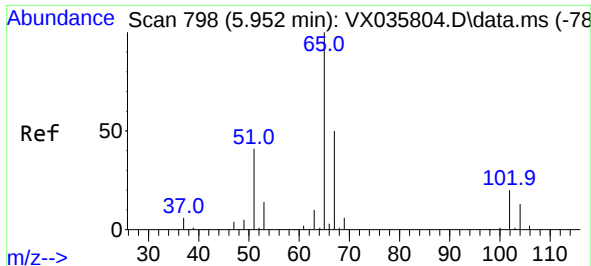
Tgt Ion: 76 Resp: 888
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methylene Chloride
Concen: 0.458 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

Tgt Ion: 84 Resp: 878
Ion Ratio Lower Upper
84 100
49 134.5 103.9 155.9
51 20.7 30.6 45.8#
86 60.7 50.6 75.8

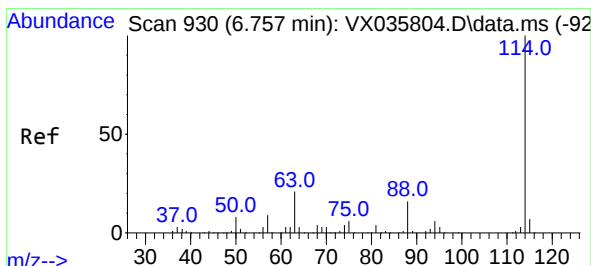
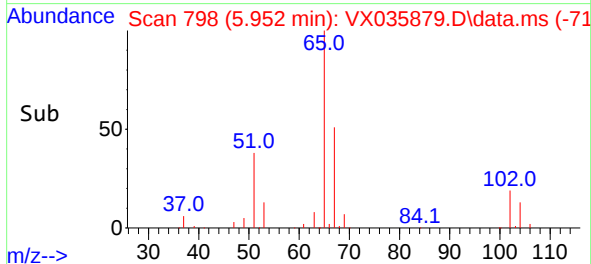
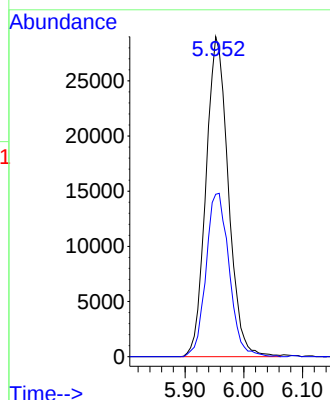
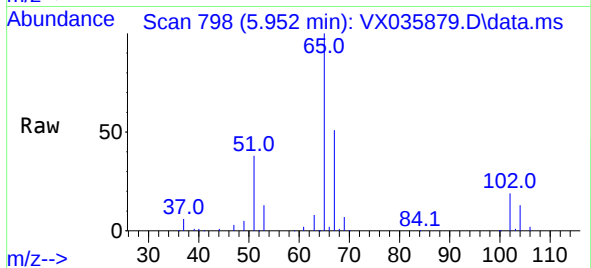




#27
1,2-Dichloroethane-d4
Concen: 31.476 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

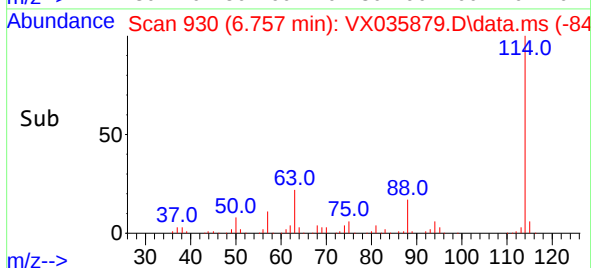
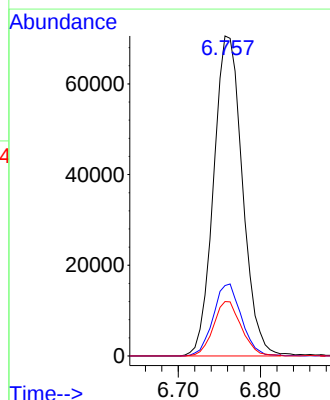
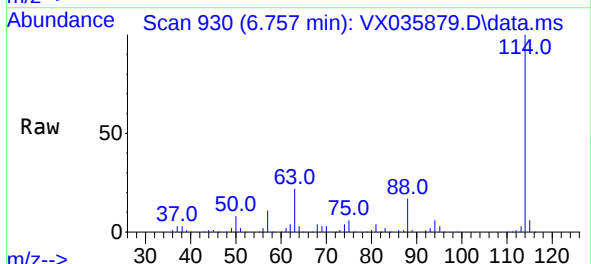
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

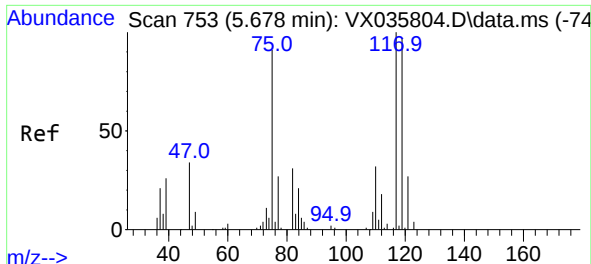
Tgt Ion: 65 Resp: 76826
Ion Ratio Lower Upper
65 100
67 52.7 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

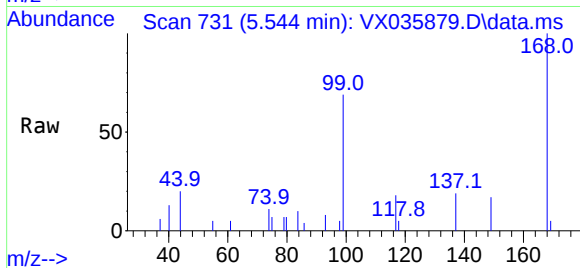
Tgt Ion: 114 Resp: 171996
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 16.5 13.3 19.9



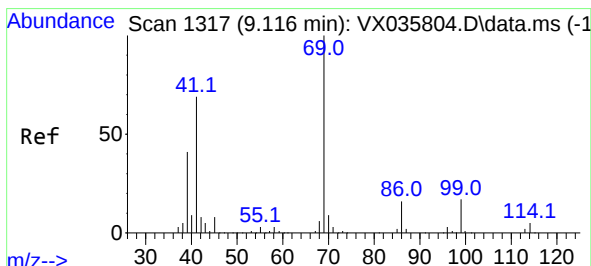
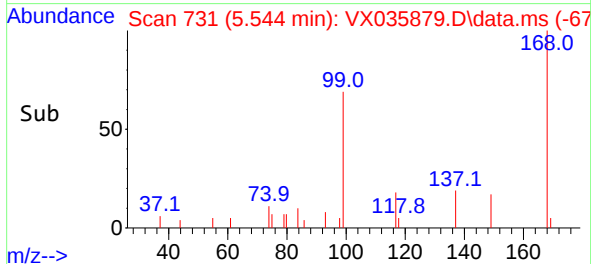
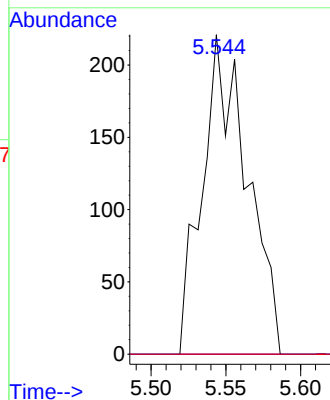


#33
Carbon Tetrachloride
Concen: 0.208 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

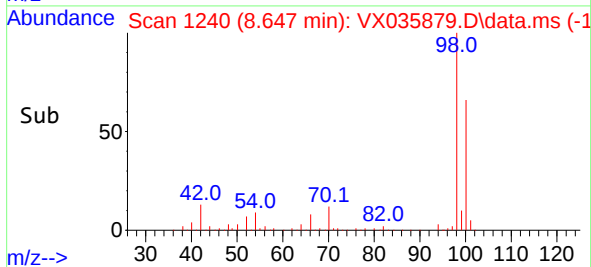
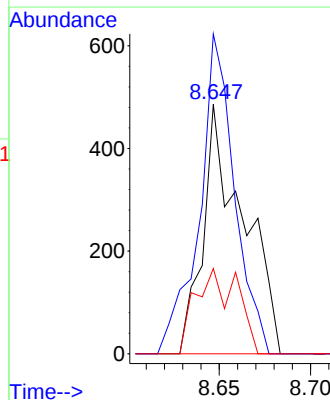
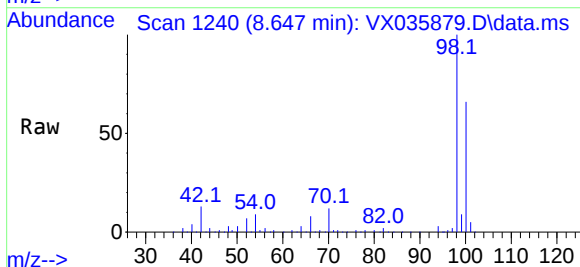


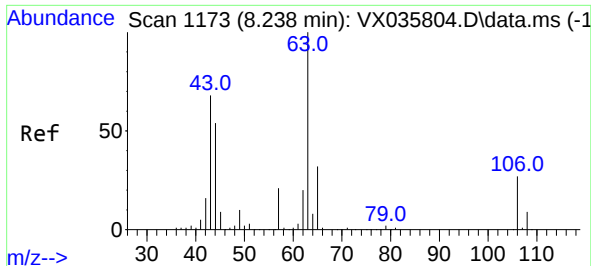
Tgt Ion:117 Resp: 460
Ion Ratio Lower Upper
117 100
119 0.0 73.3 109.9#
121 0.0 24.0 36.0#



#51
Ethyl methacrylate
Concen: 0.244 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.469 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

Tgt Ion: 69 Resp: 741
Ion Ratio Lower Upper
69 100
41 128.2 36.2 108.6#
39 34.2 21.2 63.6





#55

2-Chloroethyl vinyl ether

Concen: 0.597 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035879.D

Acq: 26 May 2023 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBL02

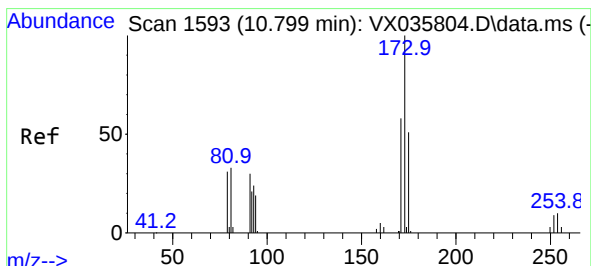
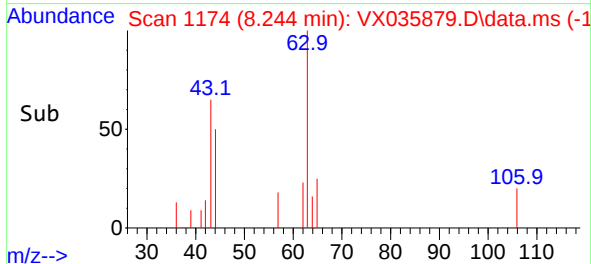
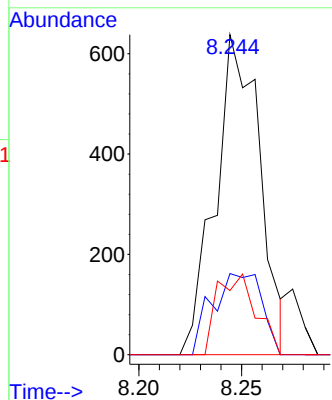
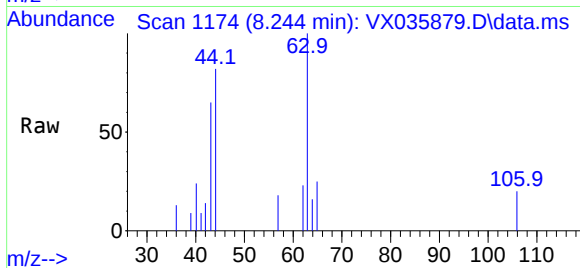
Tgt Ion: 63 Resp: 961

Ion Ratio Lower Upper

63 100

65 28.4 25.4 38.2

106 22.2 21.6 32.4



#56

Bromoform

Concen: 0.386 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.280 min

Lab File: VX035879.D

Acq: 26 May 2023 02:26

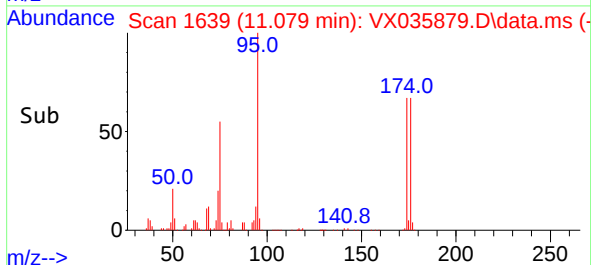
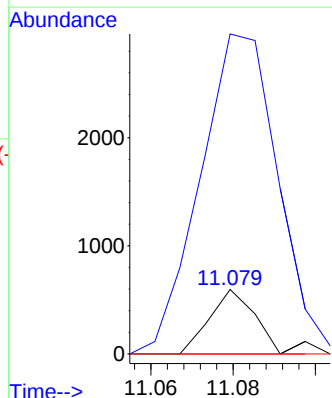
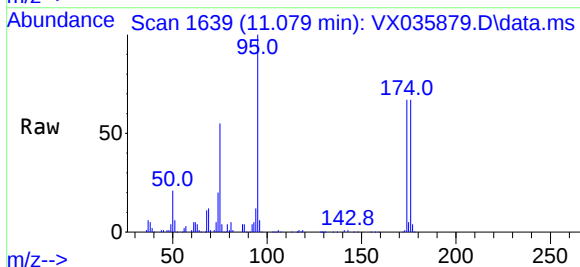
Tgt Ion: 173 Resp: 452

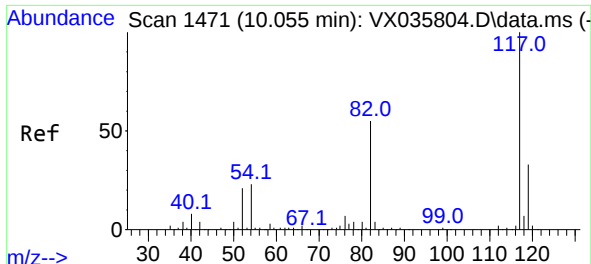
Ion Ratio Lower Upper

173 100

175 859.7 37.0 55.4#

254 0.0 6.7 10.1#

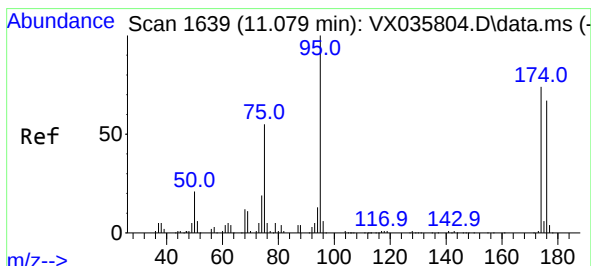
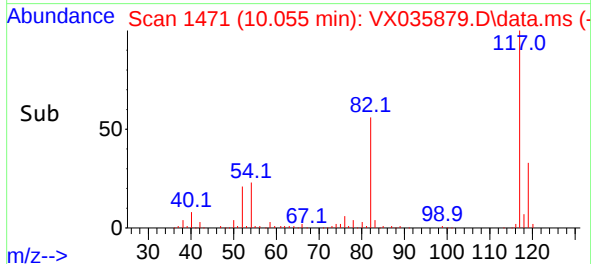
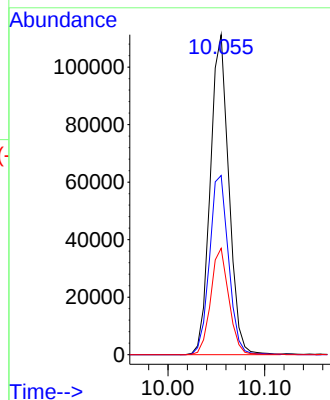
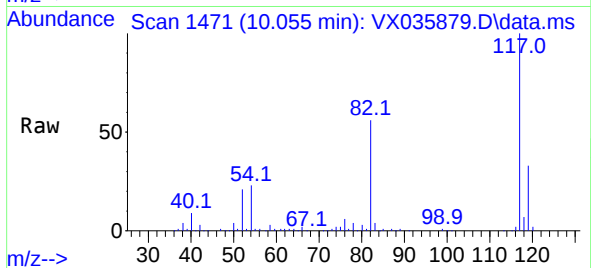




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

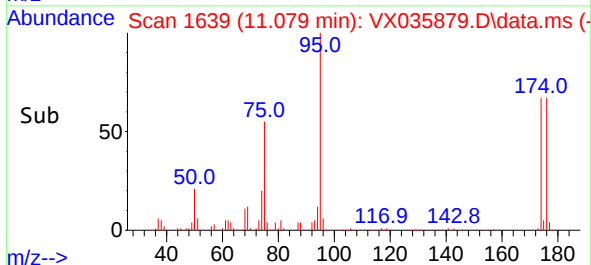
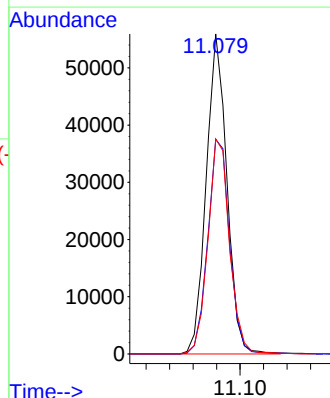
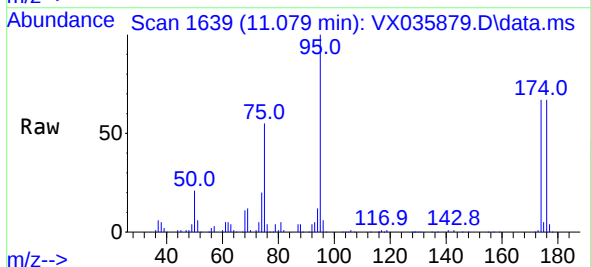
Instrument :
MSVOA_X
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VX0525WBL02

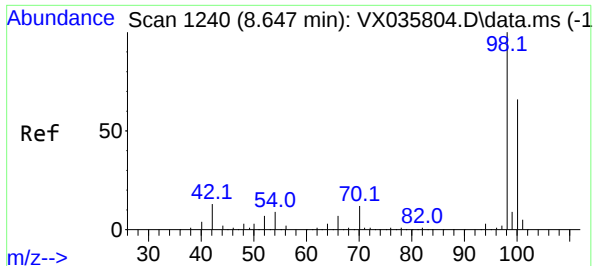
Tgt Ion:117 Resp: 148433
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.8
119 32.6 25.4 38.0



#60
4-Bromofluorobenzene
Concen: 27.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

Tgt Ion: 95 Resp: 68307
Ion Ratio Lower Upper
95 100
174 70.5 0.2 0.4#
176 69.7 0.2 0.2#





#63

Toluene-d8

Concen: 30.649 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035879.D

Acq: 26 May 2023 02:26

Instrument :

MSVOA_X

ClientSampleId :

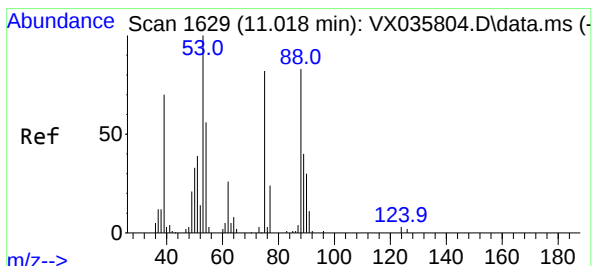
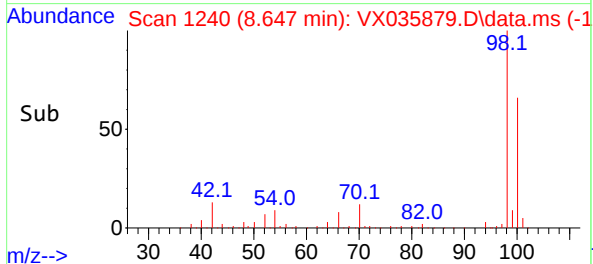
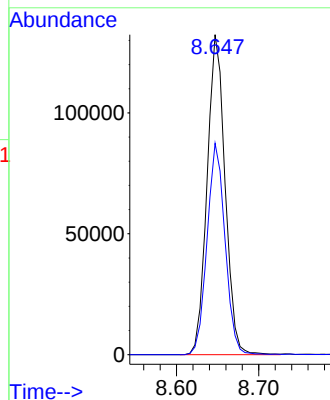
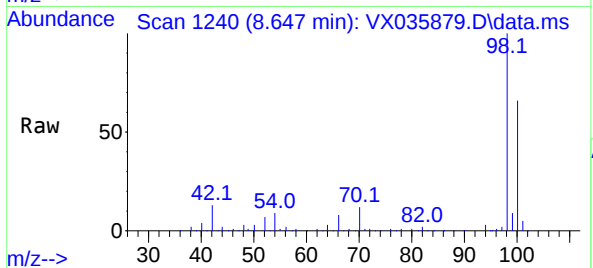
VX0525WBL02

Tgt Ion: 98 Resp: 201119

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1



#77

t-1,4-Dichloro-2-butene

Concen: 48.022 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035879.D

Acq: 26 May 2023 02:26

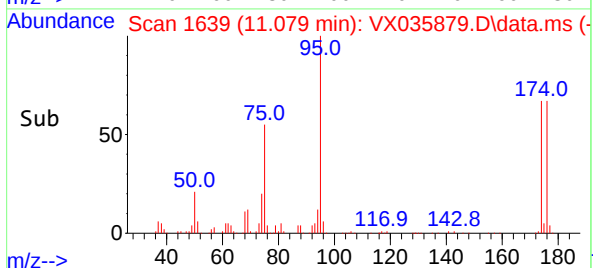
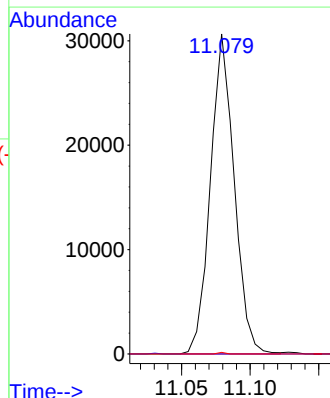
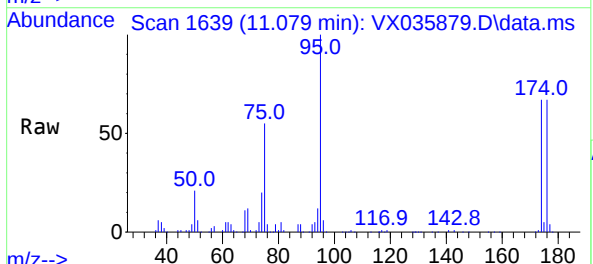
Tgt Ion: 75 Resp: 36920

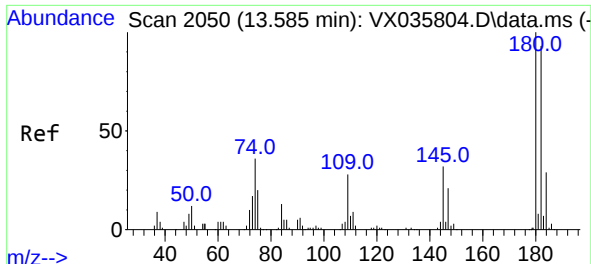
Ion Ratio Lower Upper

75 100

53 0.0 58.2 174.6#

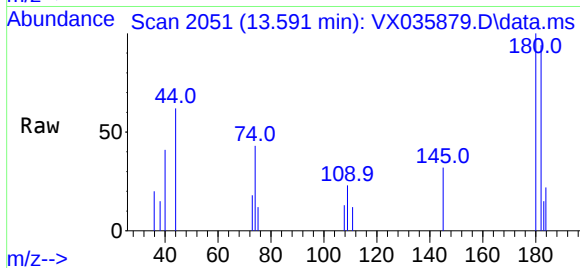
89 0.5 20.6 61.8#



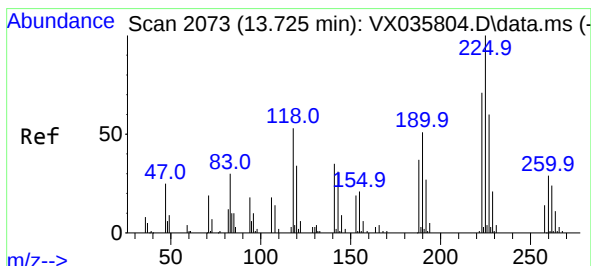
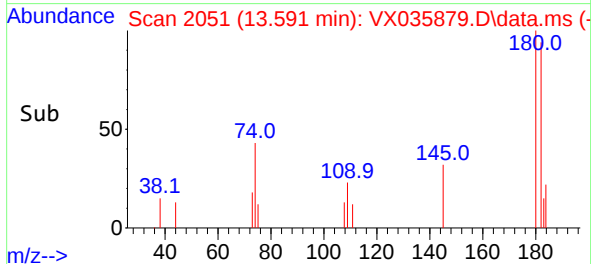
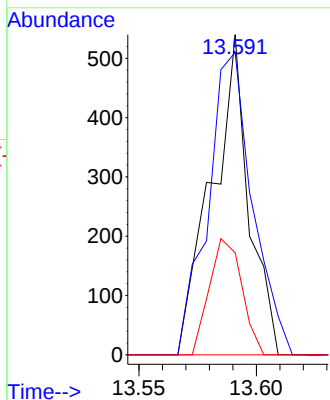


#89
1,2,4-Trichlorobenzene
Concen: 0.265 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBL02

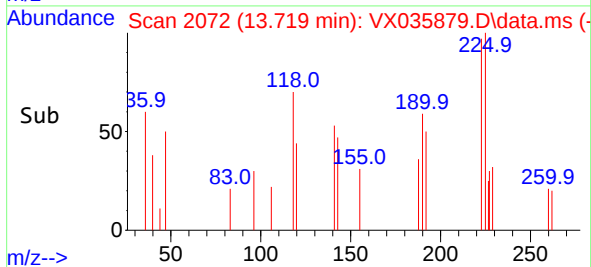
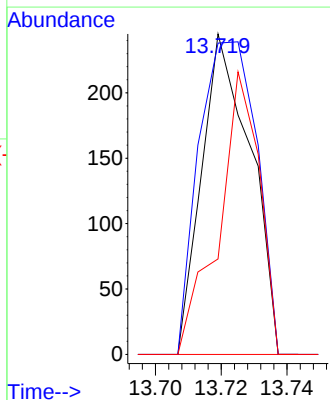
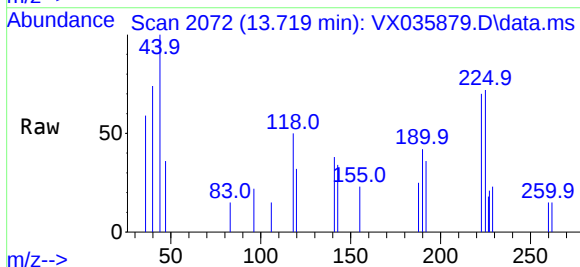


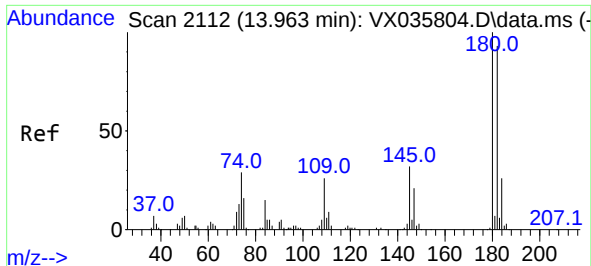
Tgt Ion:180 Resp: 590
Ion Ratio Lower Upper
180 100
182 113.7 75.8 113.8
145 31.9 25.8 38.6



#90
Hexachlorobutadiene
Concen: 0.306 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035879.D
Acq: 26 May 2023 02:26

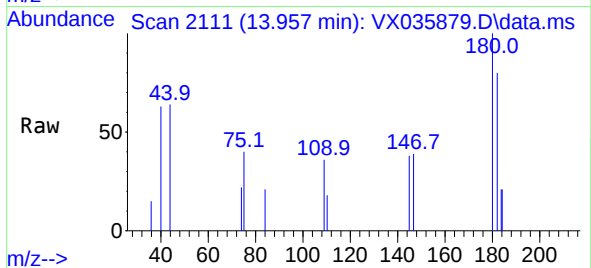
Tgt Ion:225 Resp: 252
Ion Ratio Lower Upper
225 100
223 115.9 0.0 124.2
227 73.4 0.0 122.8





#92
 1,2,3-Trichlorobenzene
 Concen: 0.227 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX035879.D
 Acq: 26 May 2023 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBL02



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	0.0	191.0
145	32.8	0.0	66.8

