

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026215.D
 Acq On : 13 Jun 2022 17:34
 Operator : SY/MD
 Sample : N3272-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:40:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	161126	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	156989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	89960	4.269	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.400%	
7) Chloroethane-d5	1.577	69	73800	4.447	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.114	63	119185	3.518	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.400%	
20) 2-Butanone-d5	3.915	46	111602	70.994	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.980%#	
24) Chloroform-d	4.355	84	134847	4.513	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.040	65	59082	4.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.056	84	262678	4.292	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.075	67	84646	4.796	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.320	98	212735	3.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	7.625	79	21716	4.077	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.091	63	85180	51.356	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.720%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50032	4.758	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	69833	4.609	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.761	101	34838	1.536	ug/L	99
12) 1,1-Dichloroethene	2.117	96	1049	0.085	ug/L #	1
22) cis-1,2-Dichloroethene	3.931	96	6837	0.575	ug/L	89
25) Chloroform	4.387	83	5030	0.212	ug/L	96
27) 1,2-Dichloroethane	5.056	62	1386	0.126	ug/L #	73
31) Carbon tetrachloride	4.838	117	616	0.037	ug/L	89
34) Trichloroethene	5.915	95	614916	47.953	ug/L	99
35) Methylcyclohexane	6.075	83	20231	1.167	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8998	0.732	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1672	0.122	ug/L #	73
44) trans-1,3-Dichloropropene	7.628	75	1064	0.099	ug/L	96
47) Tetrachloroethene	7.979	164	21528	2.338	ug/L	93
49) Dibromochloromethane	7.976	129	22521	2.665	ug/L #	13
53) m,p-Xylene	9.156	106	1780	0.093	ug/L	65
61) 1,2,3-Trichloropropane	11.249	75	7653	1.476	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.249	75	168	0.185	ug/L #	4

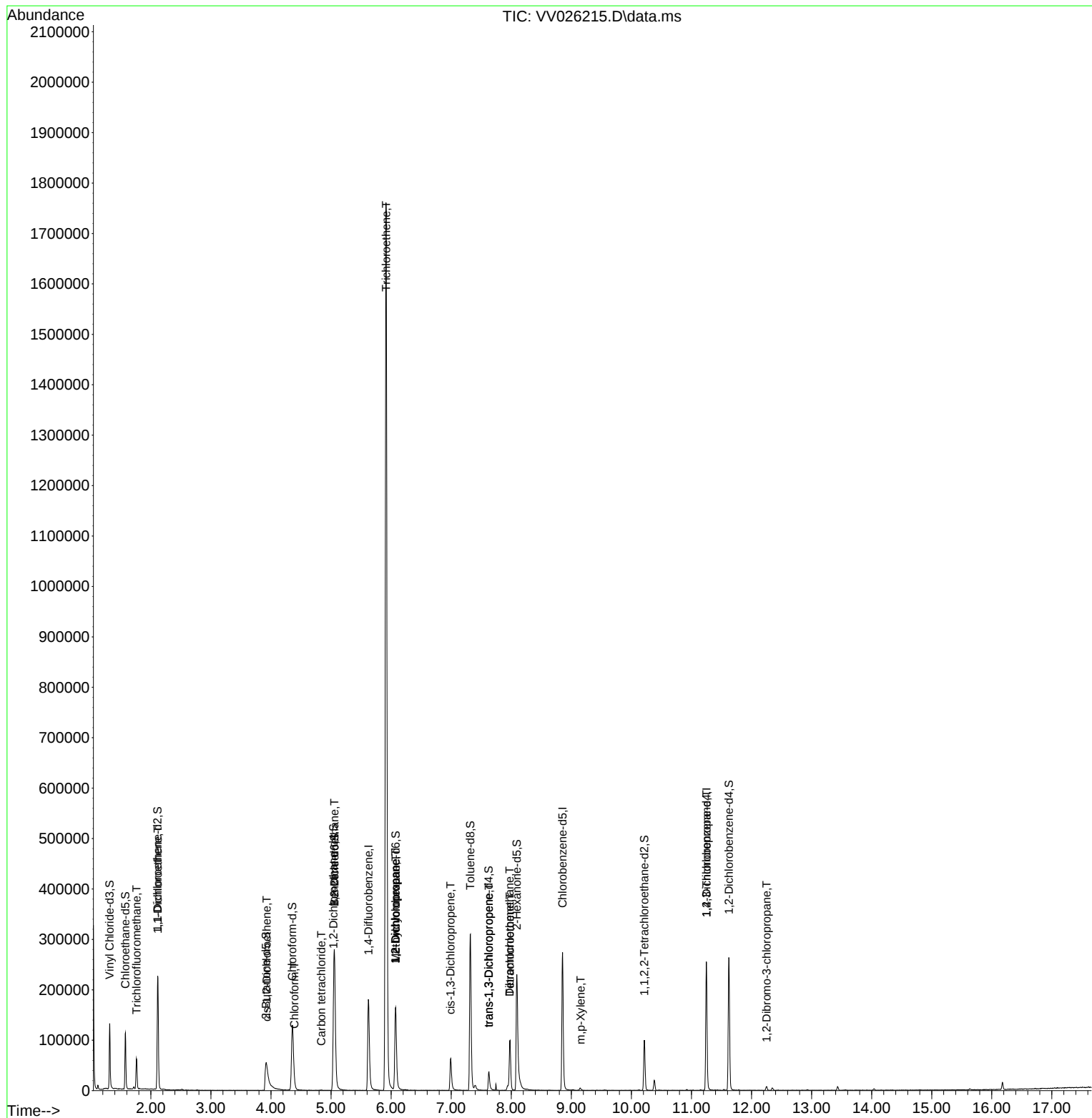
(#) = qualifier out of range (m) = manual integration (+) = signals summed

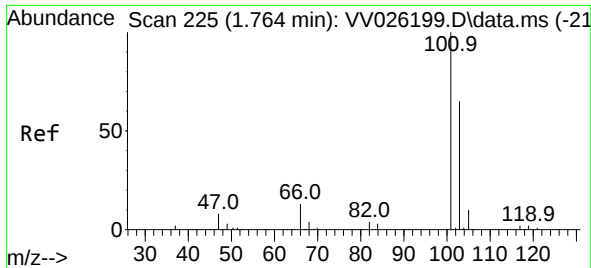
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061322\
Data File : VV026215.D
Acq On : 13 Jun 2022 17:34
Operator : SY/MD
Sample : N3272-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 14 02:40:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 14 02:36:38 2022
Response via : Initial Calibration

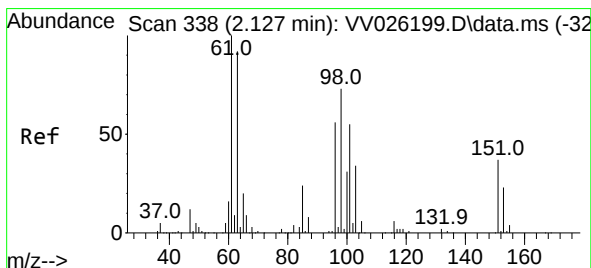
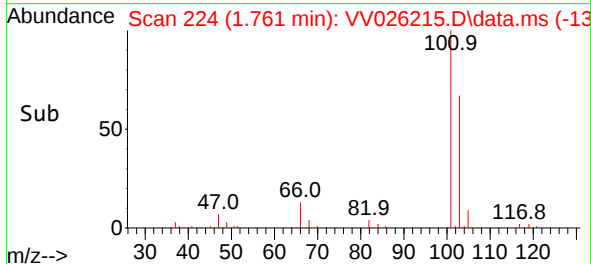
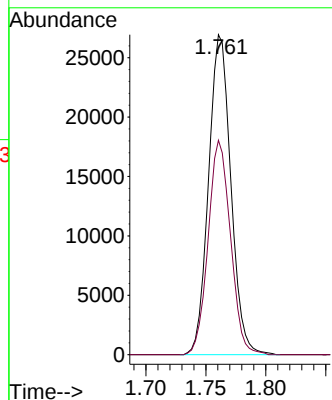
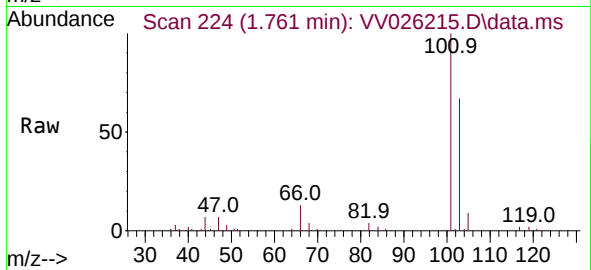




#9
 Trichlorofluoromethane
 Concen: 1.536 ug/L
 RT: 1.761 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV026215.D
 Acq: 13 Jun 2022 17:34

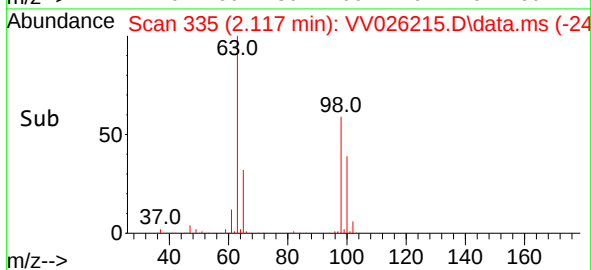
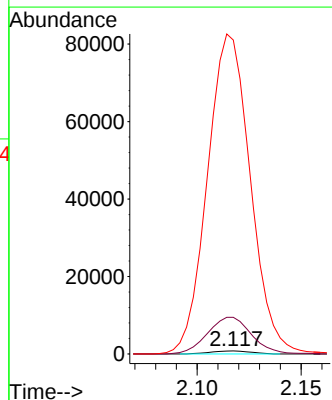
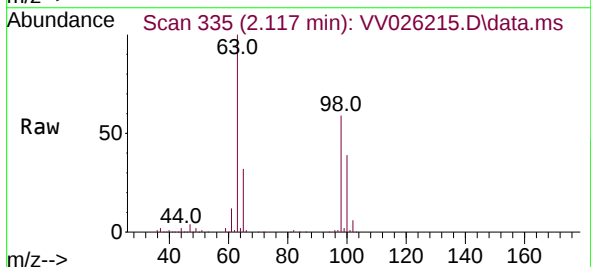
Instrument :
 MSVOA_V
 ClientSampleId :

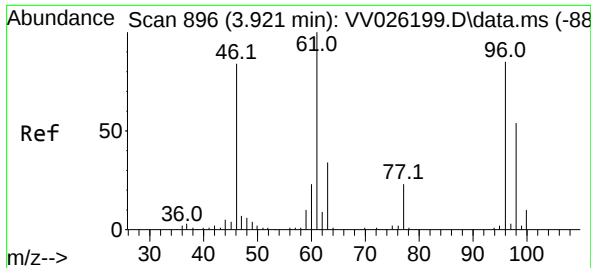
Tgt Ion:101 Resp: 34838
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 0.085 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.010 min
 Lab File: VV026215.D
 Acq: 13 Jun 2022 17:34

Tgt Ion: 96 Resp: 1049
 Ion Ratio Lower Upper
 96 100
 61 1220.7 120.5 223.7#
 63 10469.3 129.3 240.1#

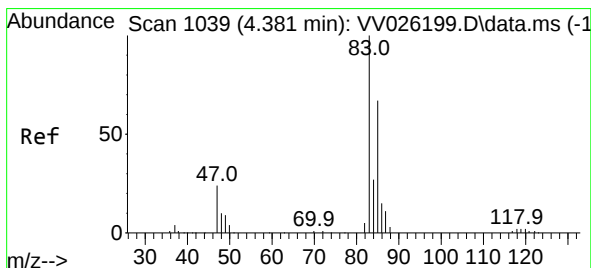
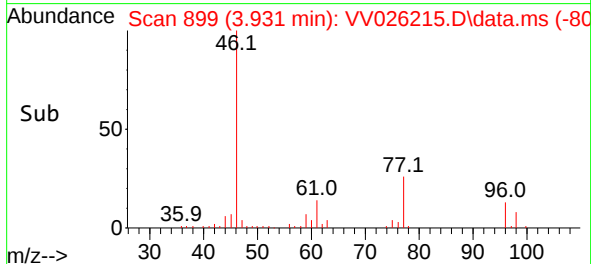
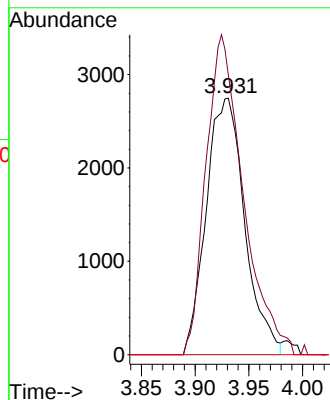
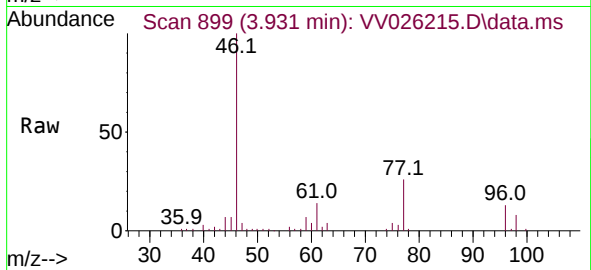




#22
 cis-1,2-Dichloroethene
 Concen: 0.575 ug/L
 RT: 3.931 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV026215.D
 Acq: 13 Jun 2022 17:34

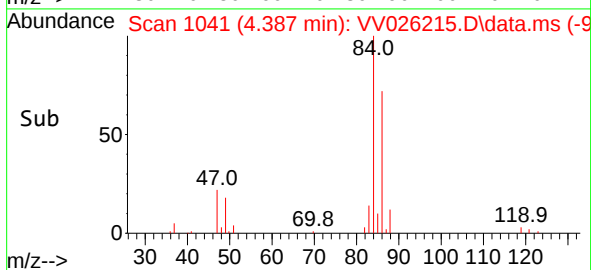
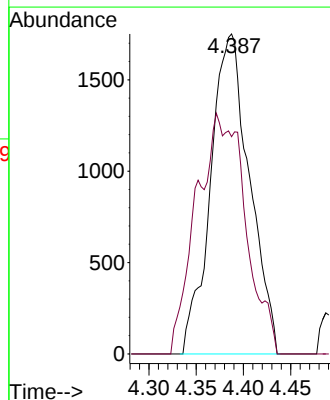
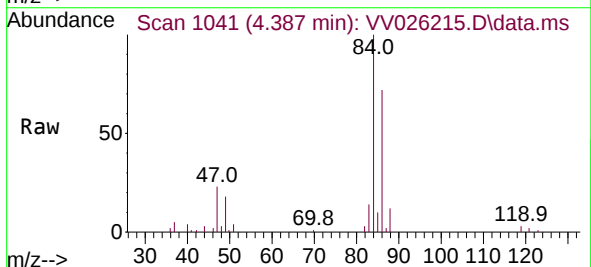
Instrument :
 MSVOA_V
 ClientSampleId :

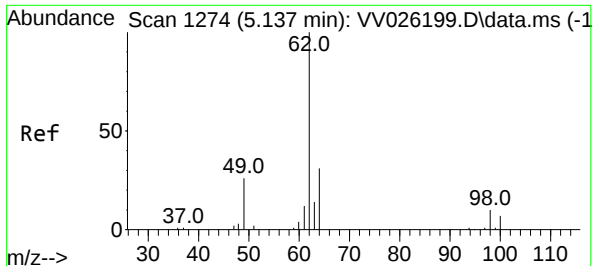
Tgt Ion: 96 Resp: 6837
 Ion Ratio Lower Upper
 96 100
 61 109.0 85.2 158.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.212 ug/L
 RT: 4.387 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VV026215.D
 Acq: 13 Jun 2022 17:34

Tgt Ion: 83 Resp: 5030
 Ion Ratio Lower Upper
 83 100
 85 67.9 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.126 ug/L

RT: 5.056 min Scan# 1181

Delta R.T. -0.080 min

Lab File: VV026215.D

Acq: 13 Jun 2022 17:34

Instrument :

MSVOA_V

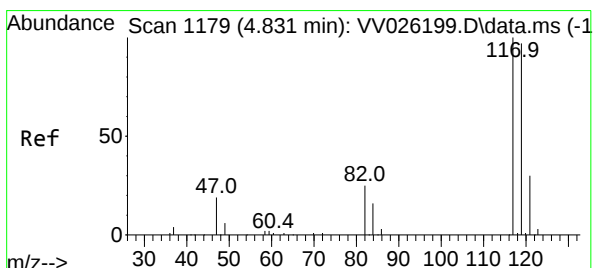
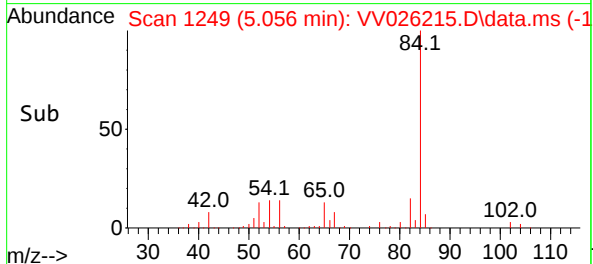
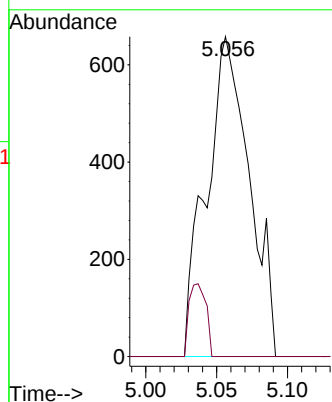
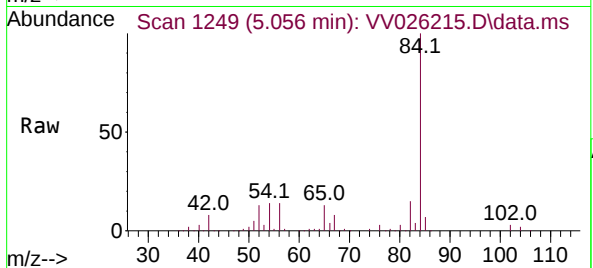
ClientSampleId :

Tgt Ion: 62 Resp: 1386

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#31

Carbon tetrachloride

Concen: 0.037 ug/L

RT: 4.838 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VV026215.D

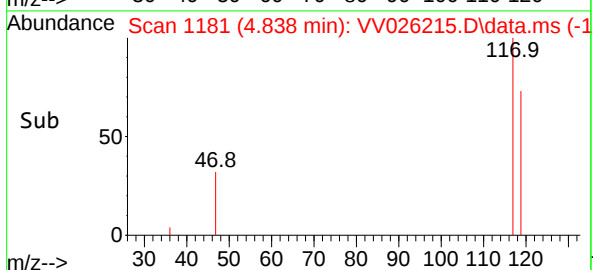
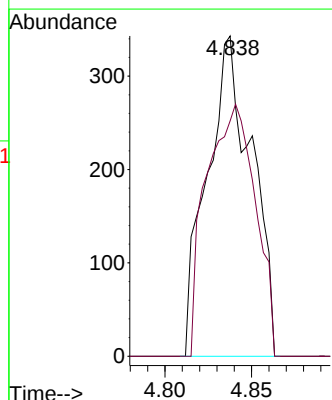
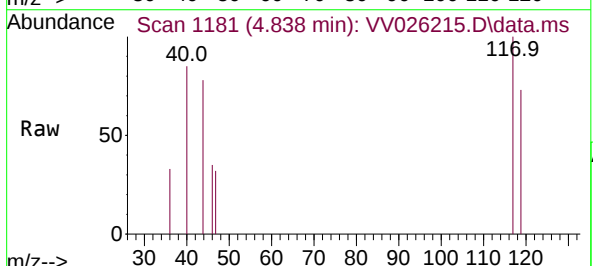
Acq: 13 Jun 2022 17:34

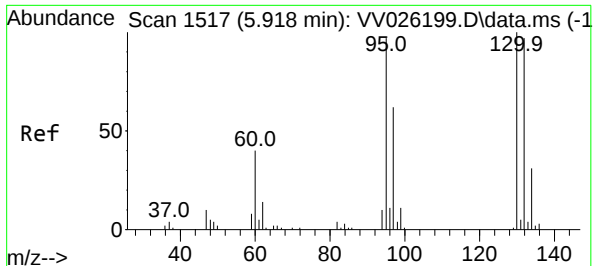
Tgt Ion: 117 Resp: 616

Ion Ratio Lower Upper

117 100

119 86.0 77.8 116.8



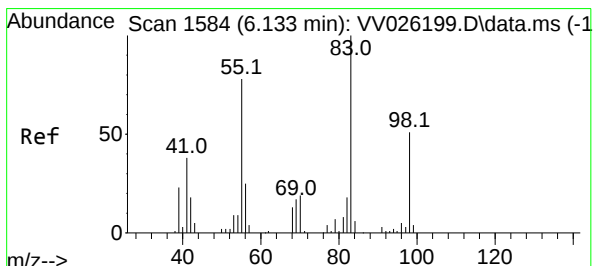
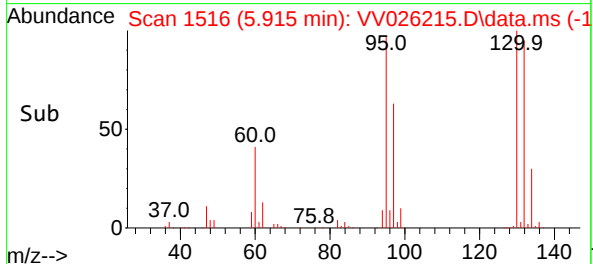
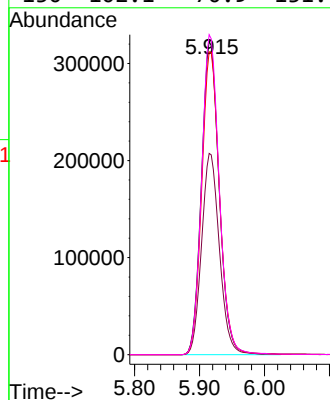
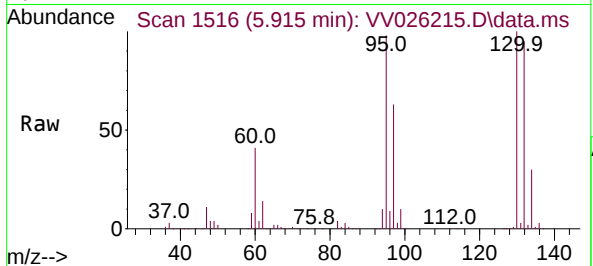


#34
Trichloroethene
Concen: 47.953 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV026215.D
Acq: 13 Jun 2022 17:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 614916

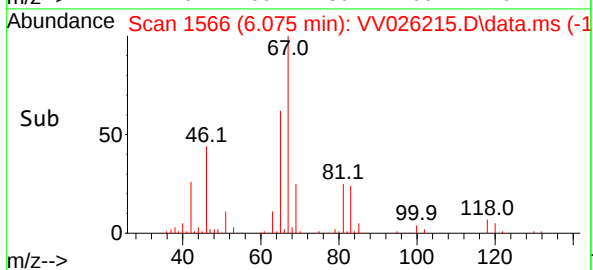
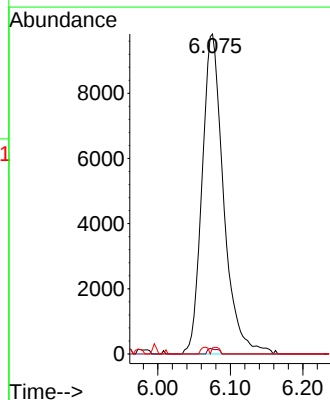
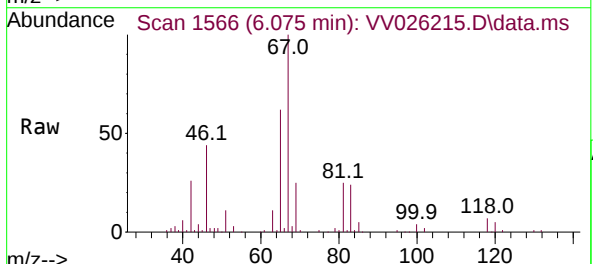
Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.3	80.3
132	96.6	67.5	125.4
130	102.1	70.9	131.7

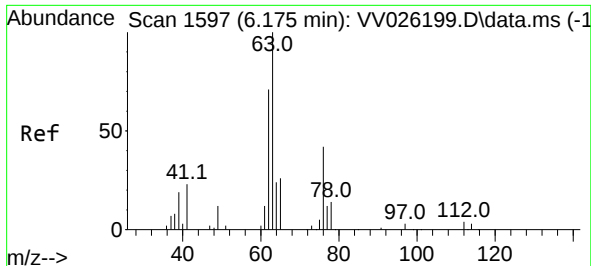


#35
Methylcyclohexane
Concen: 1.167 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026215.D
Acq: 13 Jun 2022 17:34

Tgt Ion: 83 Resp: 20231

Ion	Ratio	Lower	Upper
83	100		
55	0.8	59.5	89.3#
98	0.0	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 0.732 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026215.D

Acq: 13 Jun 2022 17:34

Instrument :

MSVOA_V

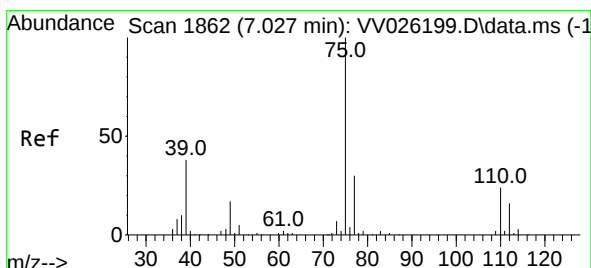
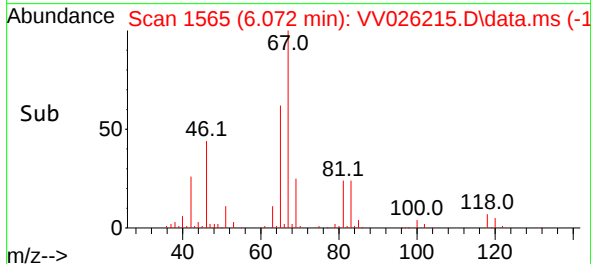
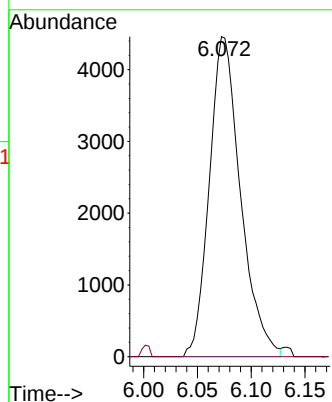
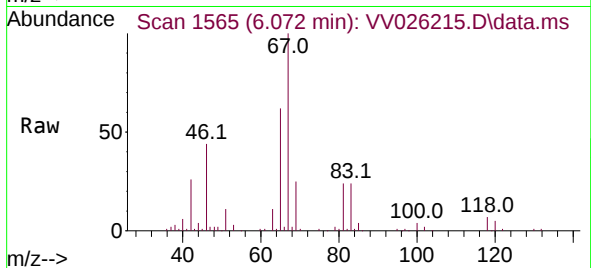
ClientSampleId :

Tgt Ion: 63 Resp: 8998

Ion Ratio Lower Upper

63 100

112 0.9 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV026215.D

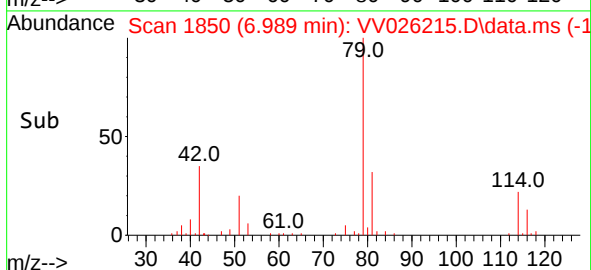
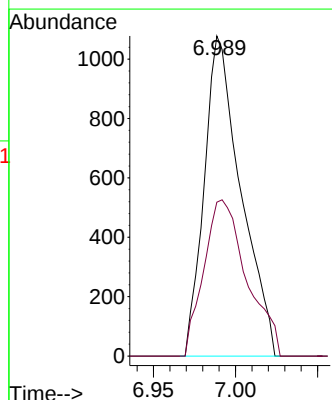
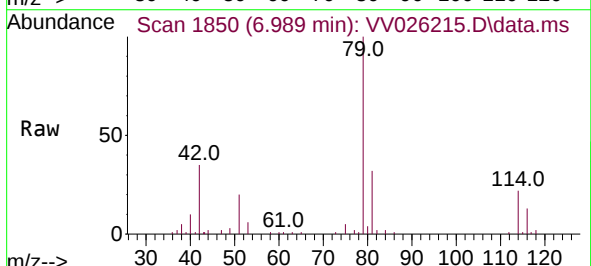
Acq: 13 Jun 2022 17:34

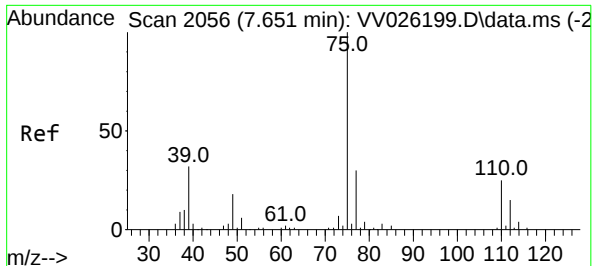
Tgt Ion: 75 Resp: 1672

Ion Ratio Lower Upper

75 100

77 48.1 22.9 42.5#

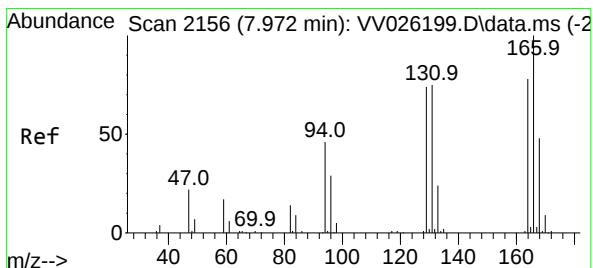
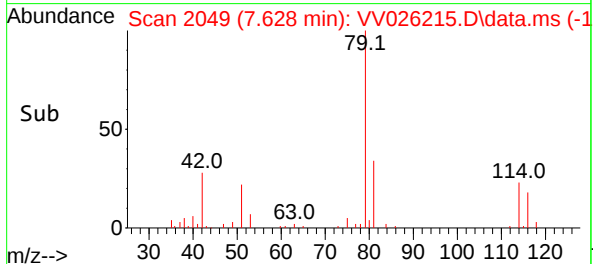
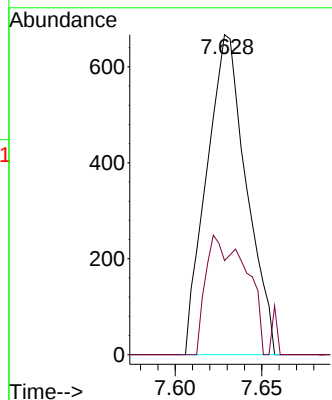
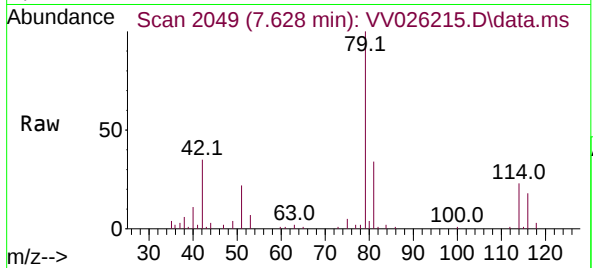




#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV026215.D
Acq: 13 Jun 2022 17:34

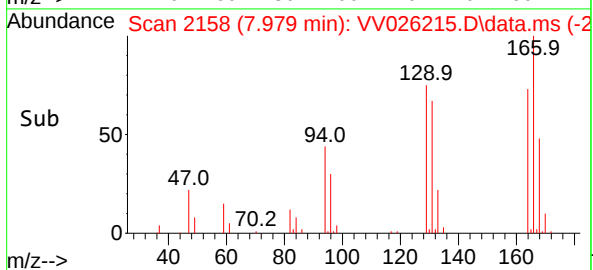
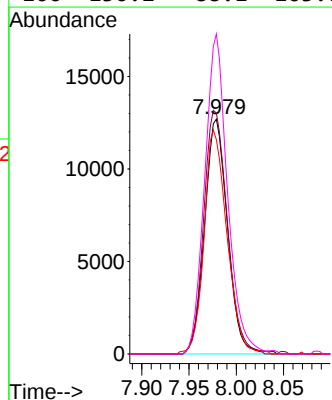
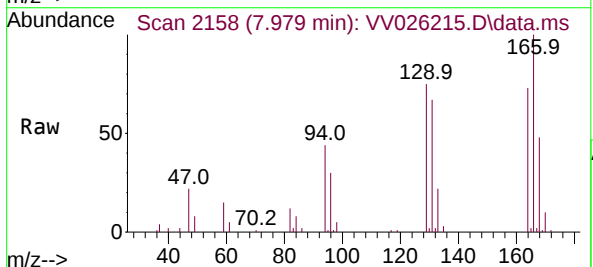
Instrument :
MSVOA_V
ClientSampleId :

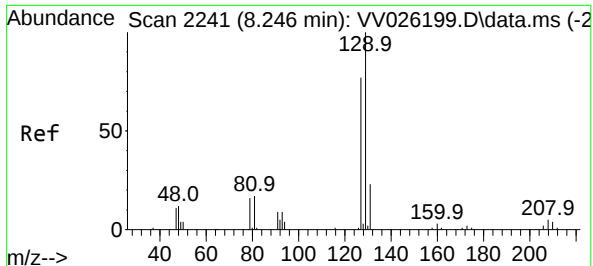
Tgt Ion: 75 Resp: 1064
Ion Ratio Lower Upper
75 100
77 29.4 22.3 41.3



#47
Tetrachloroethene
Concen: 2.338 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV026215.D
Acq: 13 Jun 2022 17:34

Tgt Ion: 164 Resp: 21528
Ion Ratio Lower Upper
164 100
129 102.6 66.1 122.7
131 91.2 65.0 120.6
166 136.2 88.1 163.7





#49

Dibromochloromethane

Concen: 2.665 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026215.D

Acq: 13 Jun 2022 17:34

Instrument :

MSVOA_V

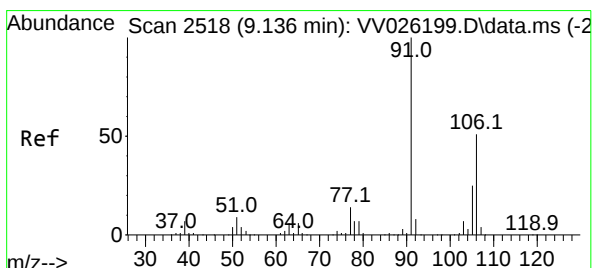
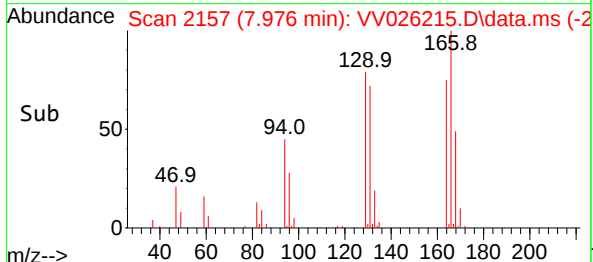
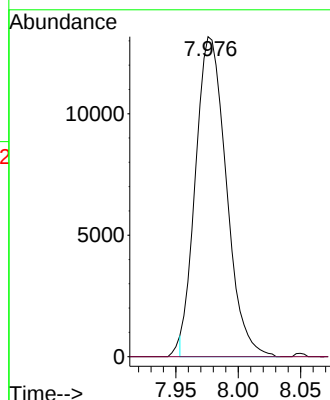
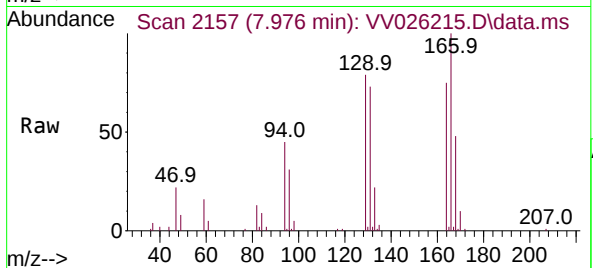
ClientSampleId :

Tgt Ion:129 Resp: 22521

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#53

m,p-Xylene

Concen: 0.093 ug/L

RT: 9.156 min Scan# 2524

Delta R.T. 0.019 min

Lab File: VV026215.D

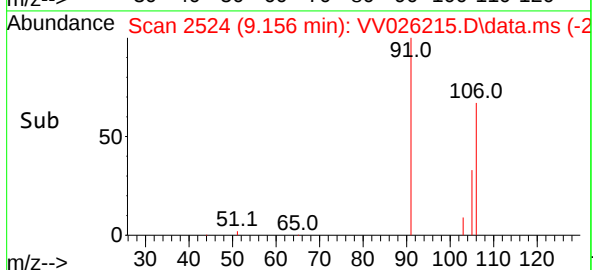
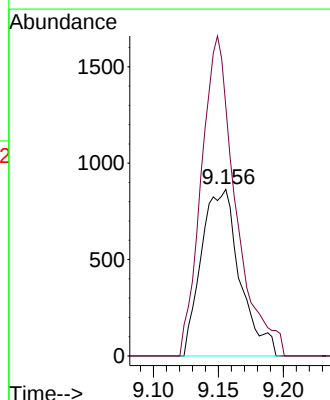
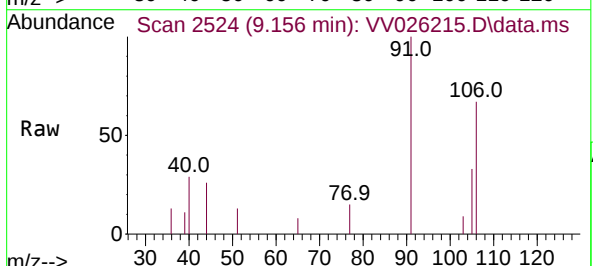
Acq: 13 Jun 2022 17:34

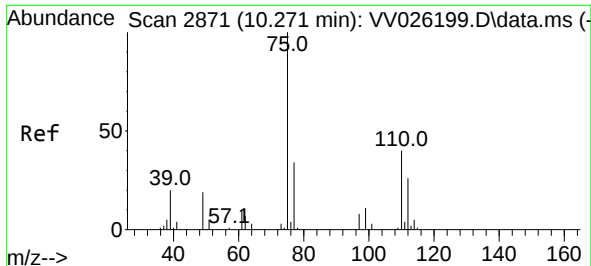
Tgt Ion:106 Resp: 1780

Ion Ratio Lower Upper

106 100

91 150.0 142.0 263.8

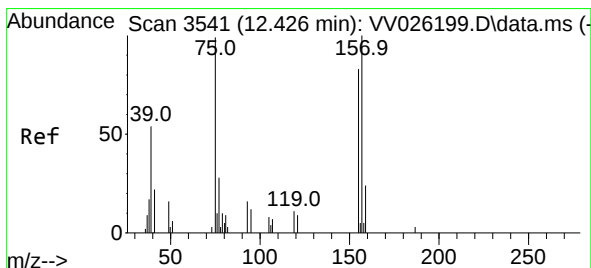
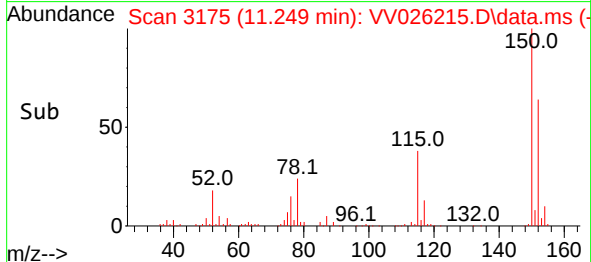
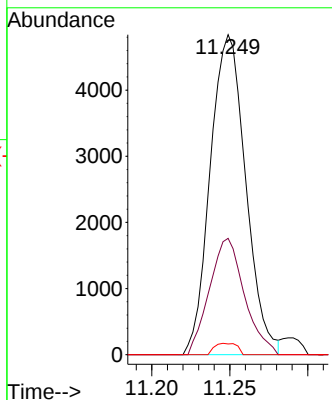
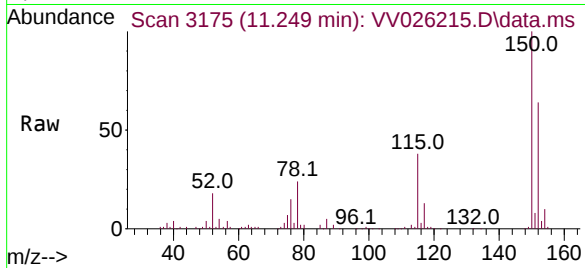




#61
 1,2,3-Trichloropropane
 Concen: 1.476 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV026215.D
 Acq: 13 Jun 2022 17:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 7653
 Ion Ratio Lower Upper
 75 100
 77 35.8 27.8 41.8
 110 2.3 33.0 49.4#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.185 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.177 min
 Lab File: VV026215.D
 Acq: 13 Jun 2022 17:34

Tgt Ion: 75 Resp: 168
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.0 100.6#
 157 0.0 77.7 116.5#

