

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028637.D
 Acq On : 20 Oct 2022 16:07
 Operator : SY/MD
 Sample : N5173-04DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS9DL

Quant Time: Oct 21 01:11:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	217355	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	144007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	60022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	101043	4.696	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.561	69	79767	4.716	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.400%	
11) 1,1-Dichloroethene-d2	2.101	63	138379	3.700	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.000%	
20) 2-Butanone-d5	3.963	46	198085	48.907	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.820%	
24) Chloroform-d	4.336	84	153738	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.027	65	80449	4.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
32) Benzene-d6	5.030	84	317106	5.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.063	67	106610	5.426	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.600%	
41) Toluene-d8	7.307	98	192970	4.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.622	79	18685	3.918	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.107	63	81603	41.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.420%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	41534	4.476	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	54617	5.062	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.227	50	1662	0.079	ug/L #	70
5) Vinyl chloride	1.301	62	875	0.043	ug/L #	1
9) Trichlorofluoromethane	1.748	101	8023	0.322	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1544	0.103	ug/L #	50
12) 1,1-Dichloroethene	2.108	96	2520	0.180	ug/L #	1
16) Methylene chloride	2.500	84	16379	0.810	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	2473	0.064	ug/L #	75
22) cis-1,2-Dichloroethene	3.892	96	8787	0.500	ug/L #	87
25) Chloroform	4.362	83	5042	0.149	ug/L	90
34) Trichloroethene	5.895	95	92381	5.925	ug/L	97
35) Methylcyclohexane	6.063	83	24724	1.010	ug/L #	16
44) trans-1,3-Dichloropropene	7.622	75	1068	0.081	ug/L #	40
47) Tetrachloroethene	7.966	164	47409	5.631	ug/L	99
49) Dibromochloromethane	7.963	129	43595	5.519	ug/L #	13
61) 1,2,3-Trichloropropane	11.242	75	9701	1.491	ug/L #	70
68) 1,2-Dibromo-3-chloropr...	12.410	75	152	0.133	ug/L #	9

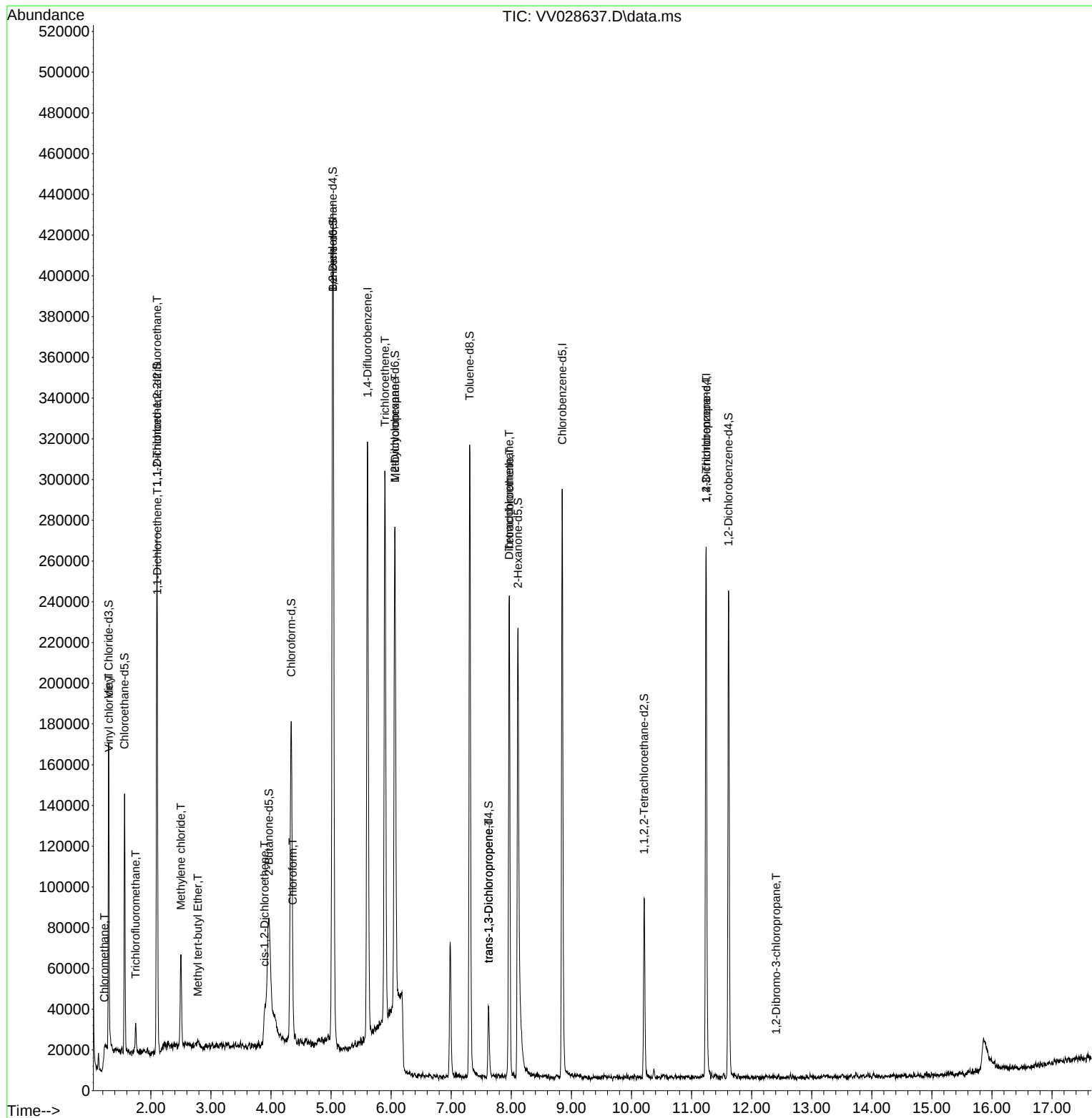
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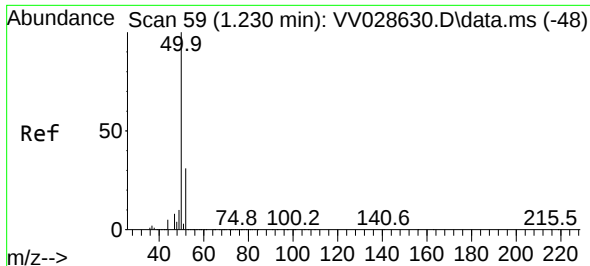
Instrument :
MSVOA_V
ClientSampleId :
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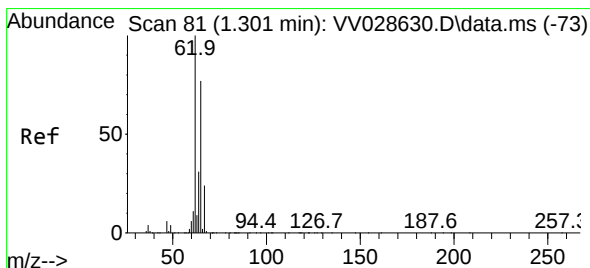
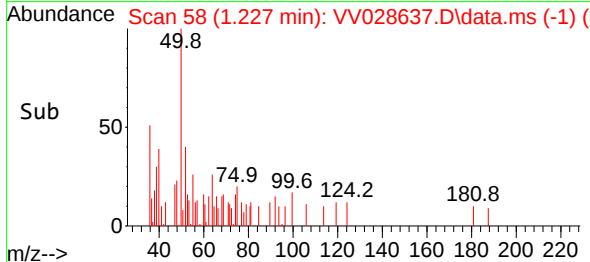
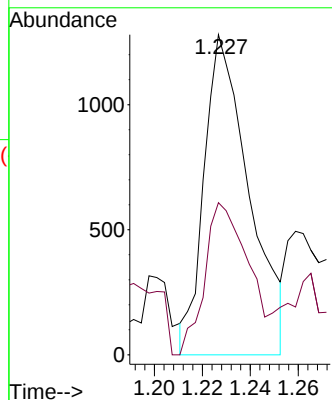
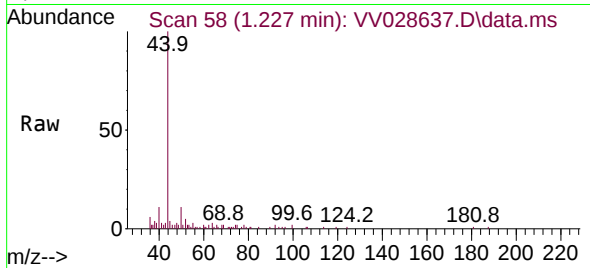




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

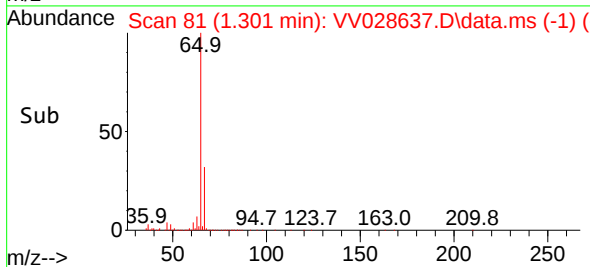
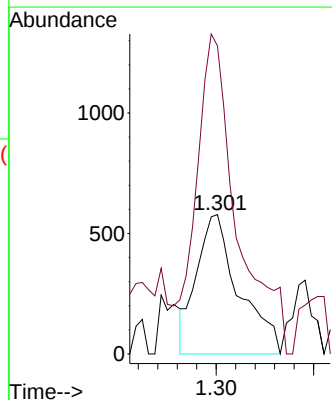
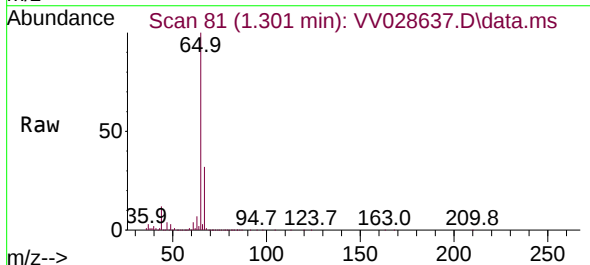
Instrument :
MSVOA_V
ClientSampleId :
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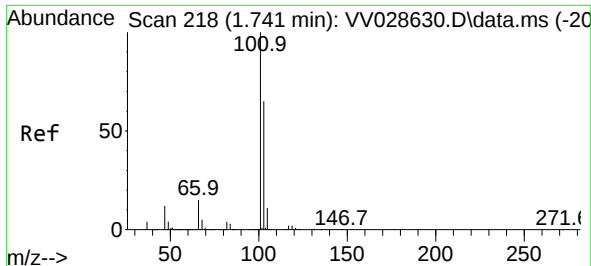
Tgt Ion: 50 Resp: 1662
Ion Ratio Lower Upper
50 100
52 47.5 21.8 40.6#



#5
Vinyl chloride
Concen: 0.043 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.000 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

Tgt Ion: 62 Resp: 875
Ion Ratio Lower Upper
62 100
64 221.1 22.0 41.0#

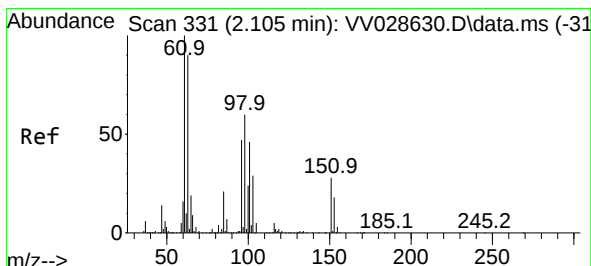
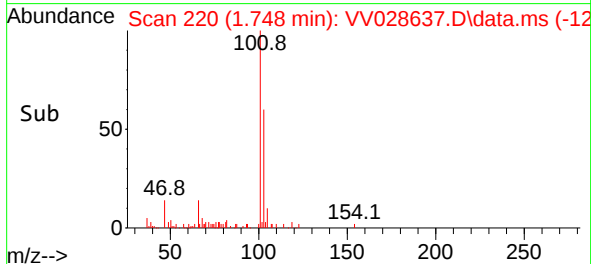
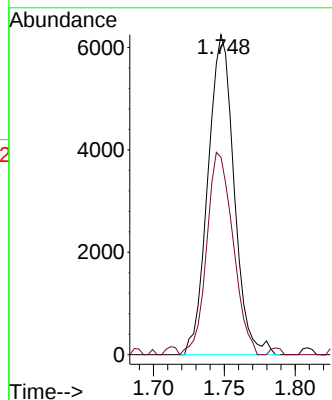
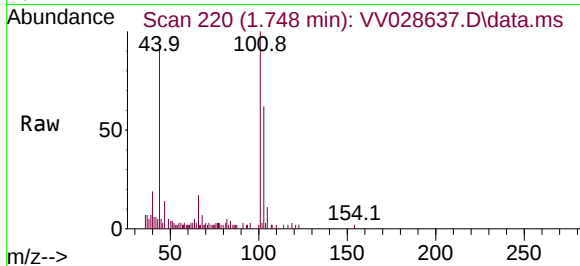




#9
Trichlorofluoromethane
Concen: 0.322 ug/L
RT: 1.748 min Scan# 218
Delta R.T. 0.006 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

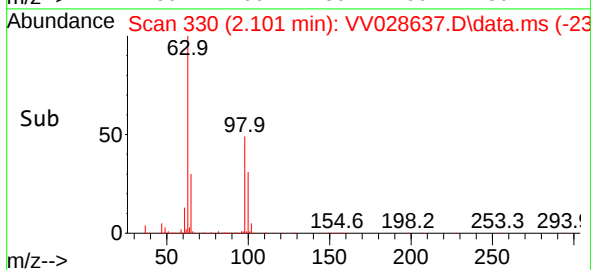
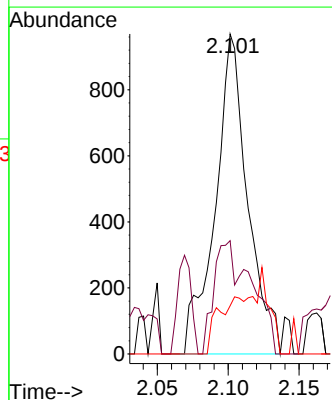
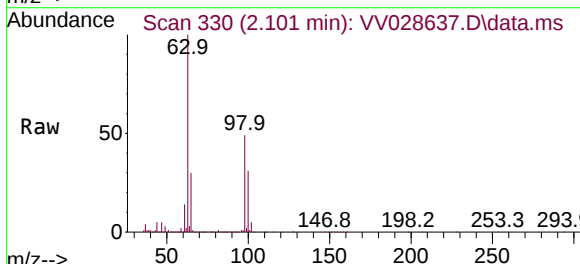
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ClientSampleId :
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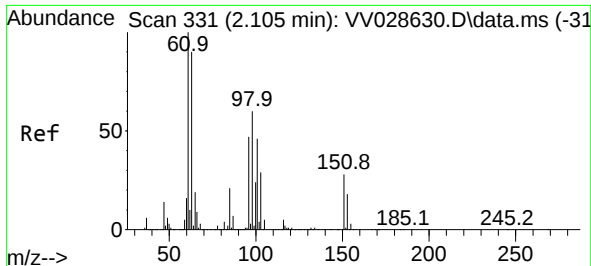
Tgt Ion:101 Resp: 8023
Ion Ratio Lower Upper
101 100
103 63.6 51.0 76.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.103 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.003 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

Tgt Ion:101 Resp: 1544
Ion Ratio Lower Upper
101 100
85 24.6 37.0 55.6#
151 14.2 50.2 75.2#

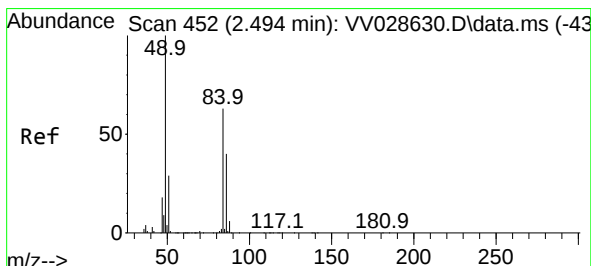
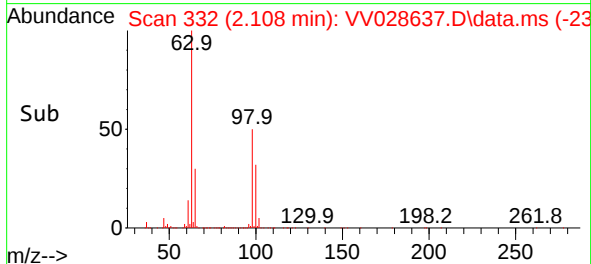
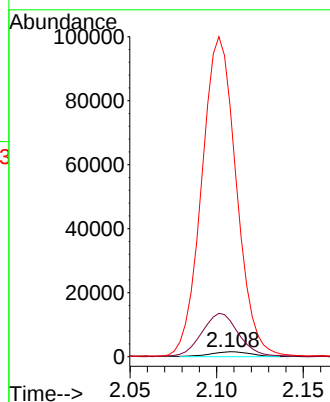
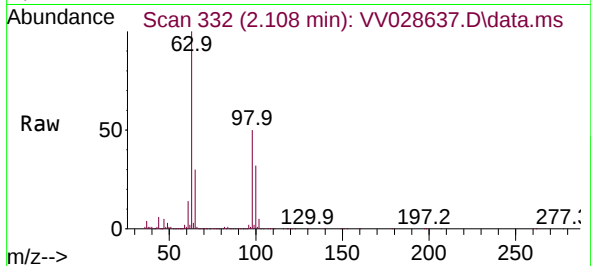




#12
1,1-Dichloroethene
Concen: 0.180 ug/L
RT: 2.108 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

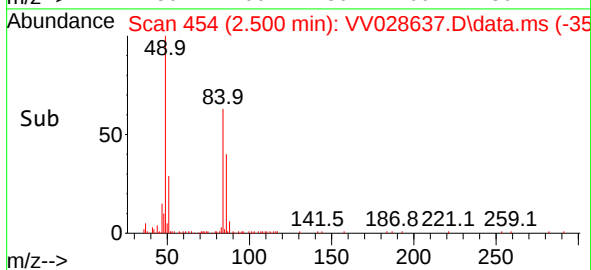
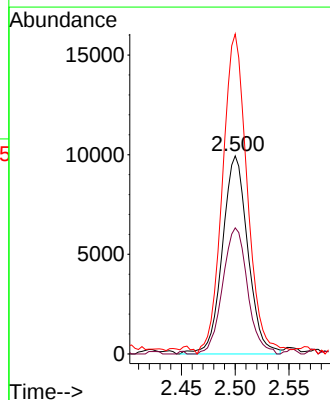
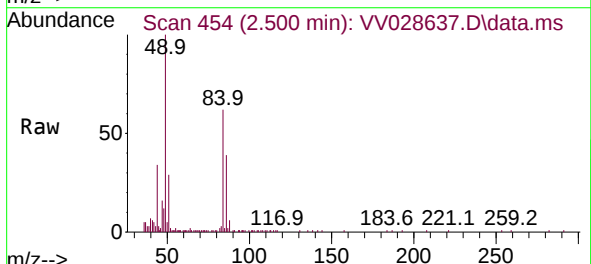
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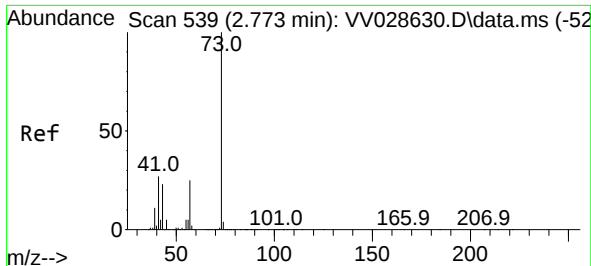
Tgt Ion: 96 Resp: 2520
Ion Ratio Lower Upper
96 100
61 729.7 148.1 275.1#
63 5076.2 133.3 247.7#



#16
Methylene chloride
Concen: 0.810 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.006 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

Tgt Ion: 84 Resp: 16379
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.4
49 161.5 110.8 205.8

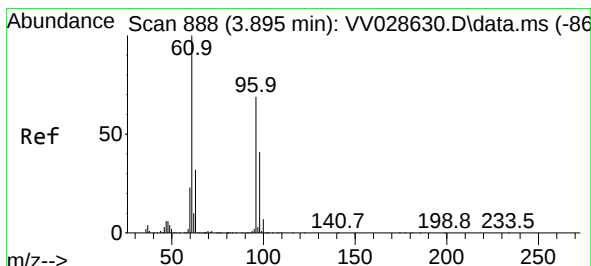
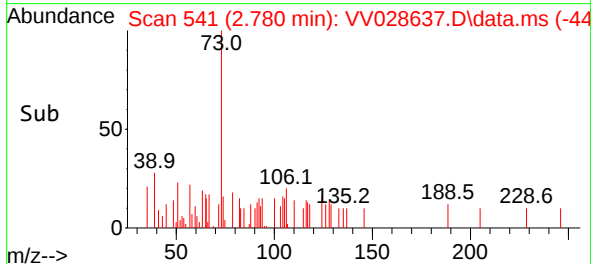
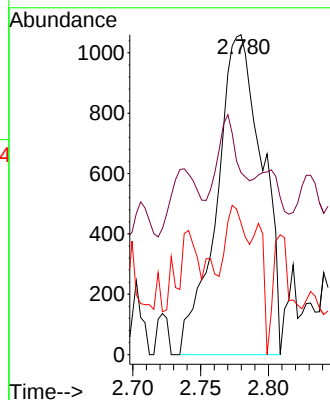
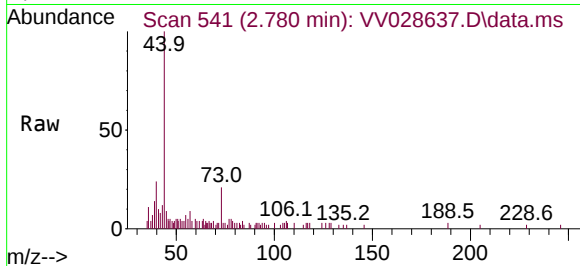




#17
Methyl tert-butyl Ether
Concen: 0.064 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

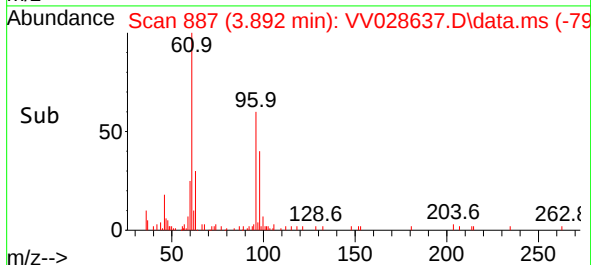
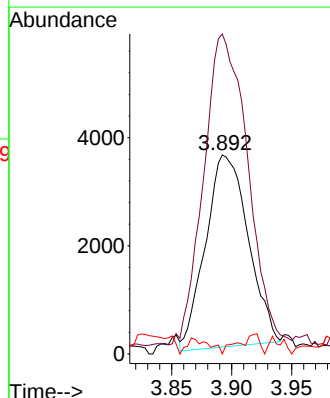
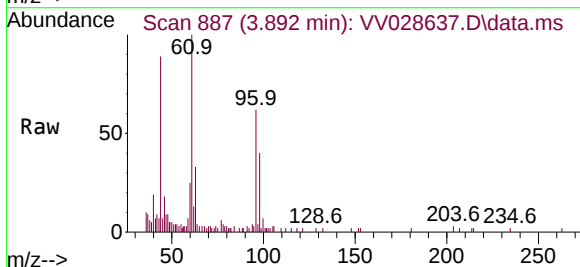
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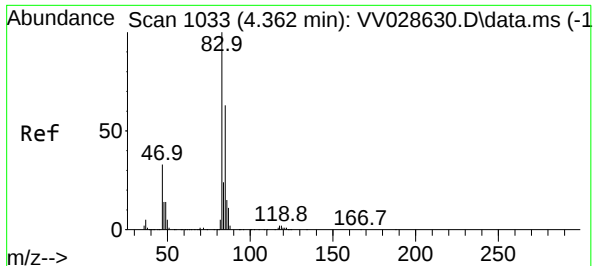
Tgt Ion: 73 Resp: 2473
Ion Ratio Lower Upper
73 100
43 11.0 18.0 27.0#
57 12.0 20.0 30.0#



#22
cis-1,2-Dichloroethene
Concen: 0.500 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.003 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

Tgt Ion: 96 Resp: 8787
Ion Ratio Lower Upper
96 100
61 160.7 101.4 188.2
68 0.0 0.5 0.9#

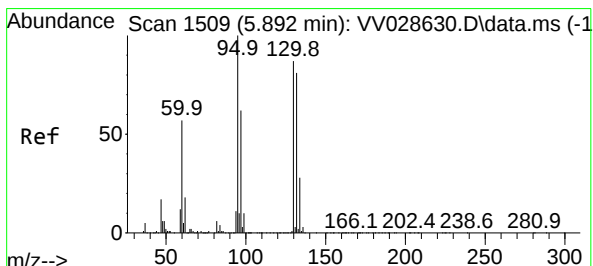
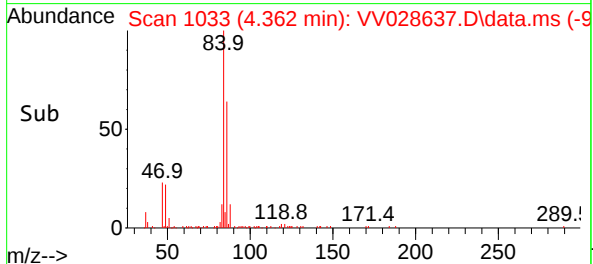
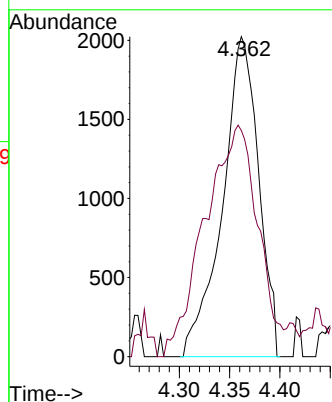
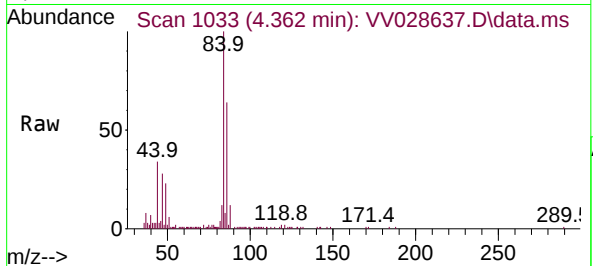




#25
Chloroform
Concen: 0.149 ug/L
RT: 4.362 min Scan# 110
Delta R.T. -0.000 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

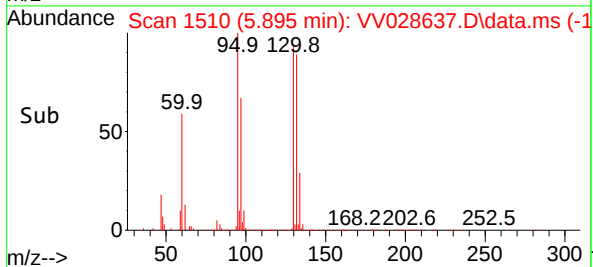
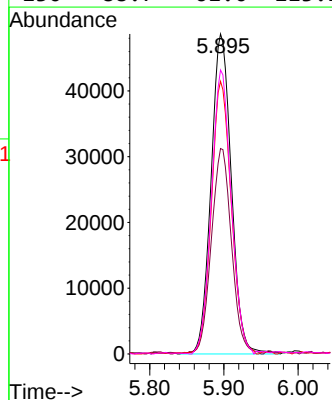
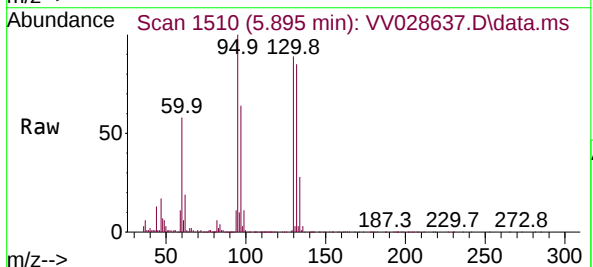
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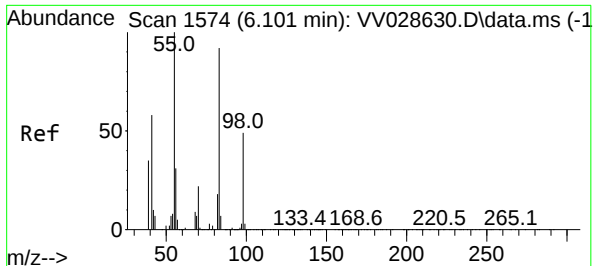
Tgt Ion: 83 Resp: 5042
Ion Ratio Lower Upper
83 100
85 70.7 44.1 81.9



#34
Trichloroethene
Concen: 5.925 ug/L
RT: 5.895 min Scan# 1510
Delta R.T. 0.003 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

Tgt Ion: 95 Resp: 92381
Ion Ratio Lower Upper
95 100
97 64.2 43.5 80.9
132 85.2 56.5 104.9
130 88.7 61.0 113.2

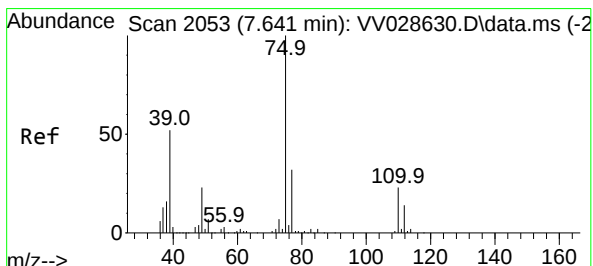
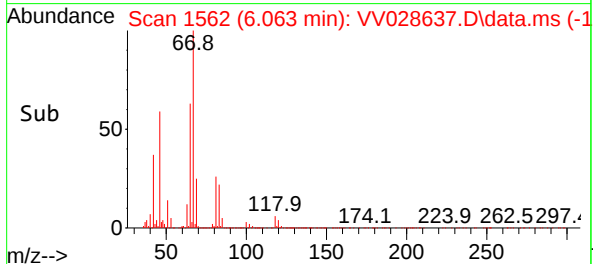
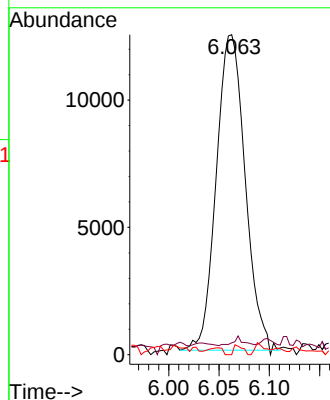
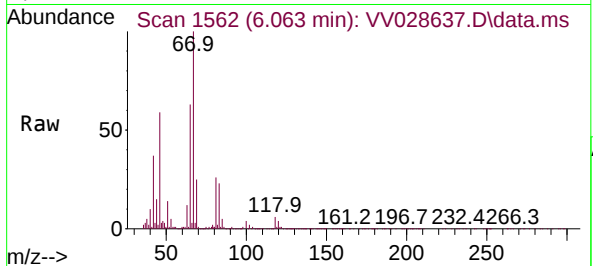




#35
Methylcyclohexane
Concen: 1.010 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

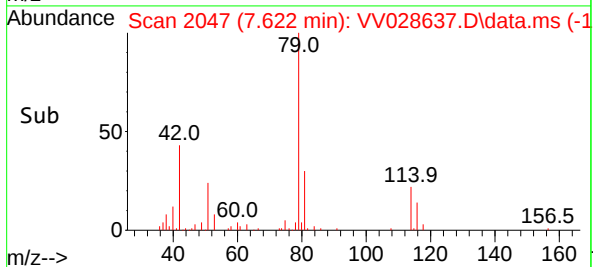
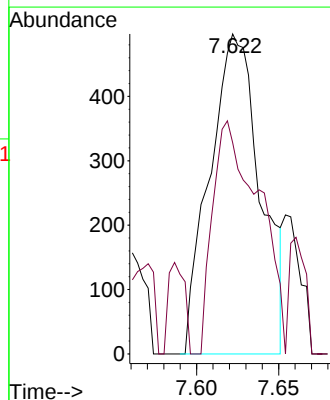
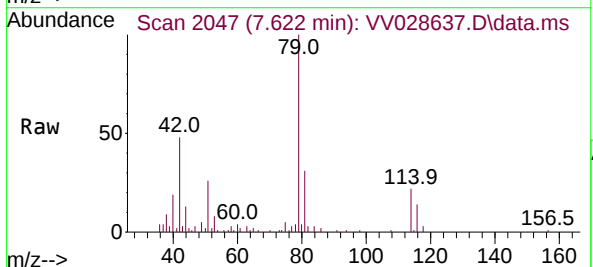
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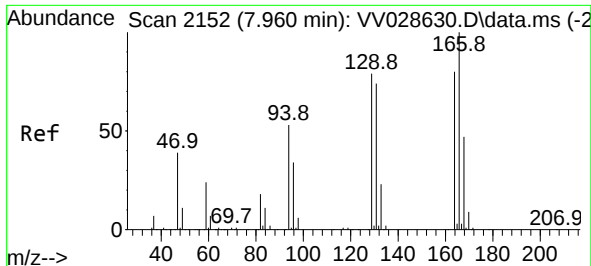
Tgt Ion: 83 Resp: 24724
Ion Ratio Lower Upper
83 100
55 1.2 70.0 105.0#
98 0.9 35.6 53.4#



#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.019 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

Tgt Ion: 75 Resp: 1068
Ion Ratio Lower Upper
75 100
77 66.0 22.6 42.0#

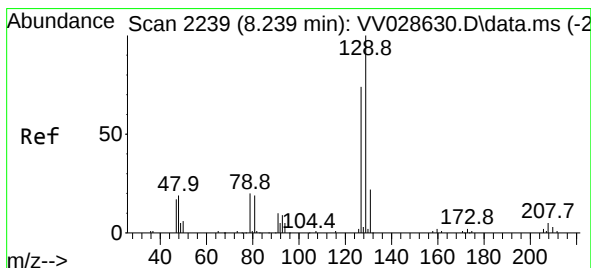
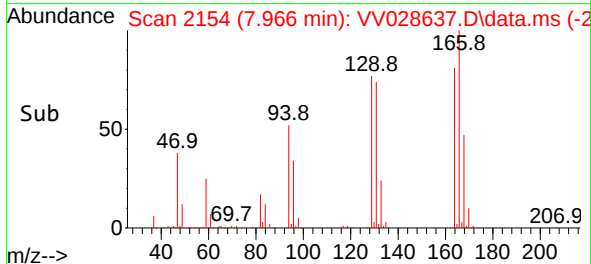
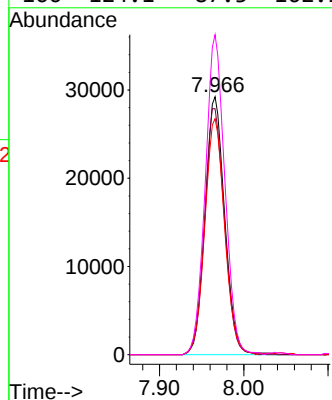
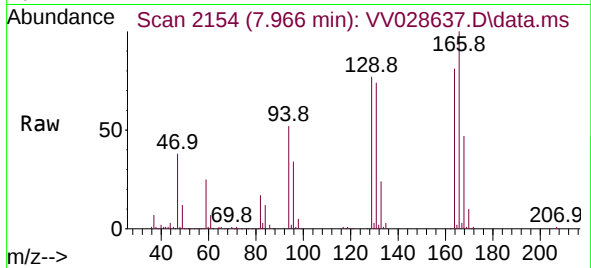




#47
Tetrachloroethene
Concen: 5.631 ug/L
RT: 7.966 min Scan# 2153
Delta R.T. 0.006 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

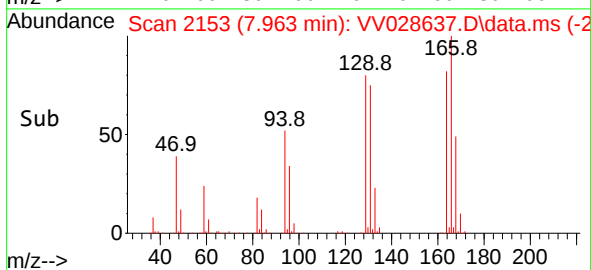
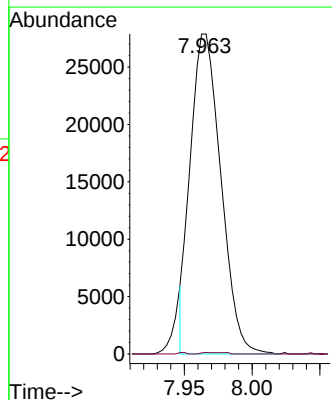
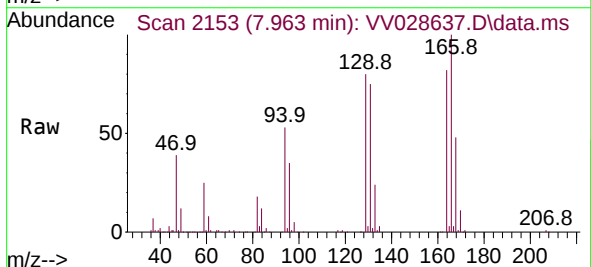
Instrument :
MSVOA_V
ClientSampleId :
BFXS9DL

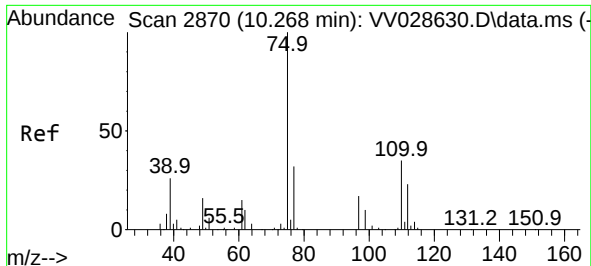
Tgt Ion:164 Resp: 47409
Ion Ratio Lower Upper
164 100
129 95.4 69.2 128.6
131 91.5 64.2 119.2
166 124.1 87.3 162.1



#49
Dibromochloromethane
Concen: 5.519 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.277 min
Lab File: VV028637.D
Acq: 20 Oct 2022 16:07

Tgt Ion:129 Resp: 43595
Ion Ratio Lower Upper
129 100
127 0.4 51.6 95.8#





#61

1,2,3-Trichloropropane

Concen: 1.491 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028637.D

Acq: 20 Oct 2022 16:07

Instrument :

MSVOA_V

ClientSampleId :

BFXS9DL

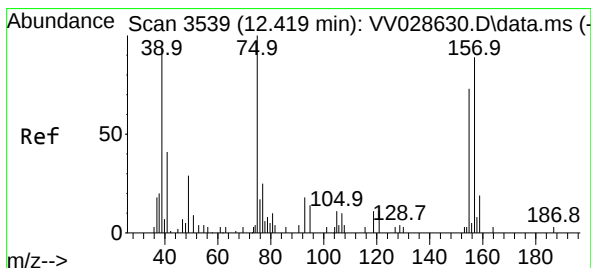
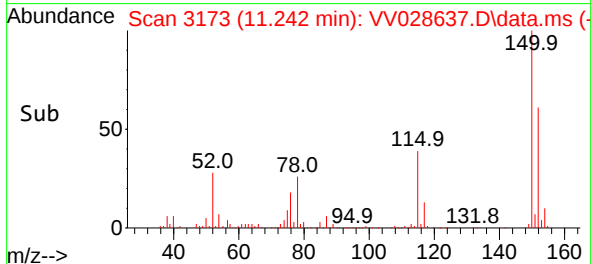
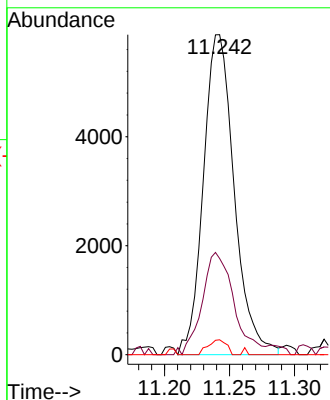
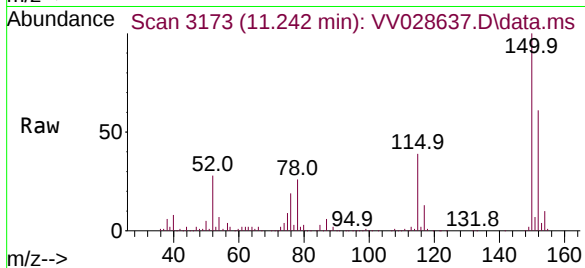
Tgt Ion: 75 Resp: 9701

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

110 2.8 27.9 41.9#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.133 ug/L

RT: 12.410 min Scan# 3536

Delta R.T. -0.010 min

Lab File: VV028637.D

Acq: 20 Oct 2022 16:07

Tgt Ion: 75 Resp: 152

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 71.5 107.3#

