

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028074.D
 Acq On : 22 Sep 2022 21:29
 Operator : SY/MD
 Sample : N4652-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 23 04:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	184791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	183908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	94955	4.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.561	69	75842	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.102	63	137478	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.886	46	157294	48.633	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.260%
24) Chloroform-d	4.343	84	145309	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.027	65	70977	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.044	84	289771	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.063	67	88560	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.310	98	241199	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.619	79	30190	4.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.085	63	124778	44.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57636	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	87344	5.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.102	101	1248	0.095	ug/L #	25
12) 1,1-Dichloroethene	2.111	96	18754	1.469	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	1096	0.098	ug/L #	63
19) 1,1-Dichloroethane	3.185	63	42736	1.752	ug/L	97
22) cis-1,2-Dichloroethene	3.909	96	15031	1.025	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	117573	5.203	ug/L	98
31) Carbon tetrachloride	4.600	117	15223	0.819	ug/L	99
34) Trichloroethene	5.918	95	8566	0.674	ug/L	93
35) Methylcyclohexane	6.066	83	21370	1.226	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	9771	0.682	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	2121	0.119	ug/L #	42
44) trans-1,3-Dichloropropene	7.622	75	1322	0.086	ug/L	96
47) Tetrachloroethene	7.973	164	10171	1.002	ug/L	96
49) Dibromochloromethane	7.973	129	9144	0.792	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9281	1.299	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.246	75	202	0.129	ug/L #	1

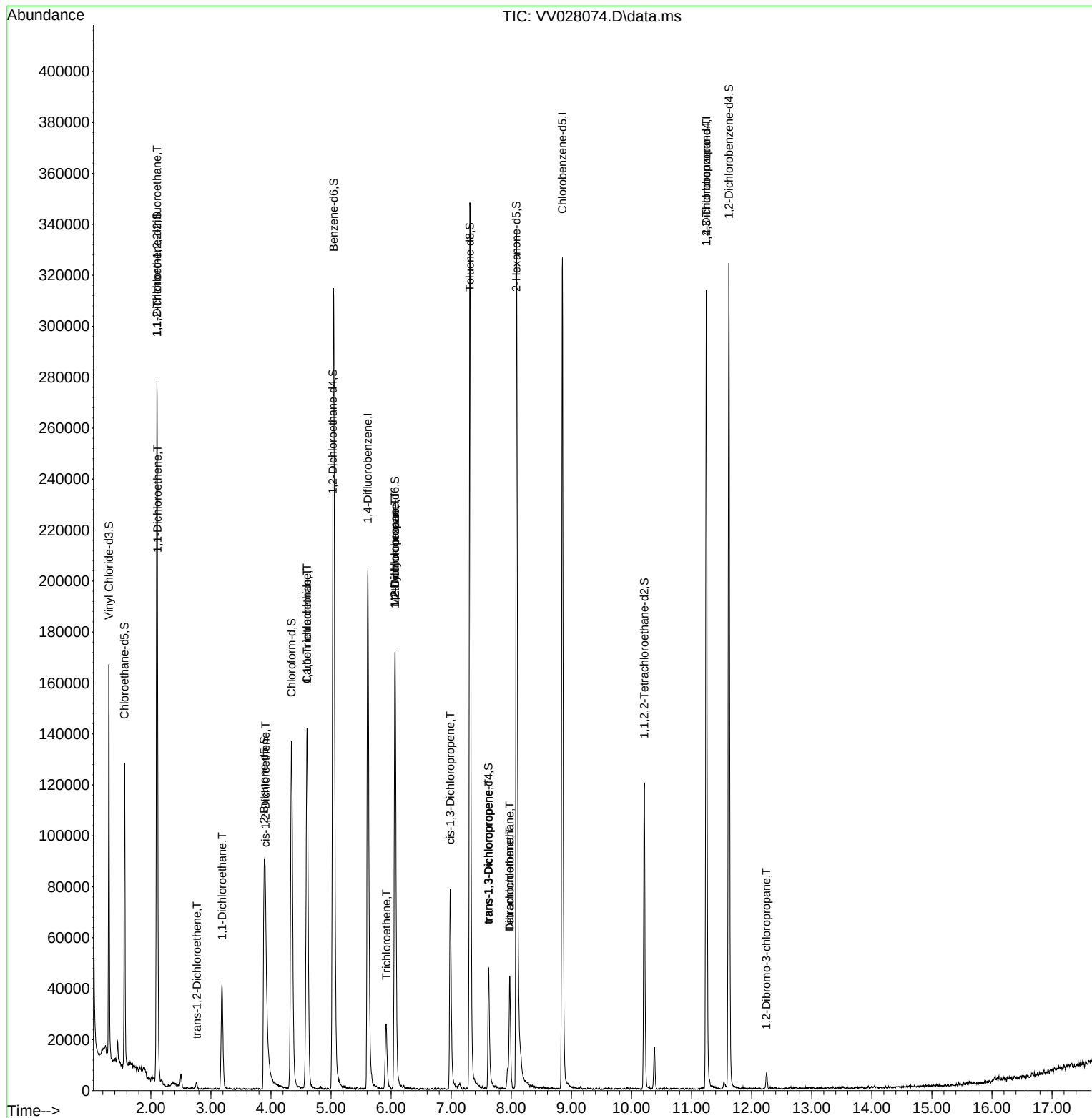
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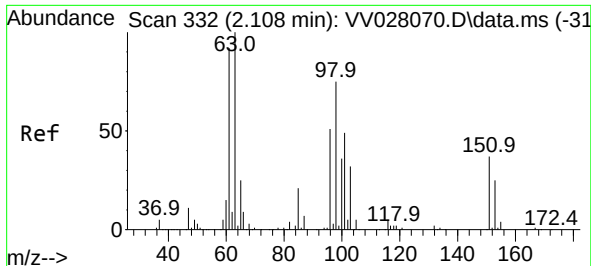
Instrument :
MSVOA_V
ClientSampleId :

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Quant Time: Sep 23 04:52:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 23 04:38:54 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.095 ug/L

RT: 2.102 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV028074.D

Acq: 22 Sep 2022 21:29

Instrument :

MSVOA_V

ClientSampleId :

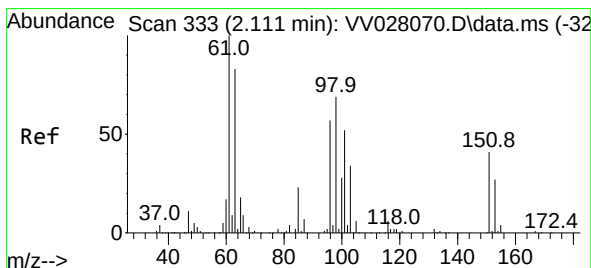
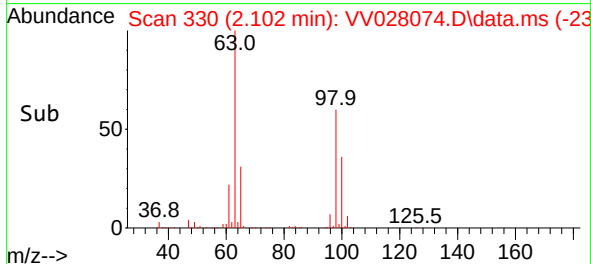
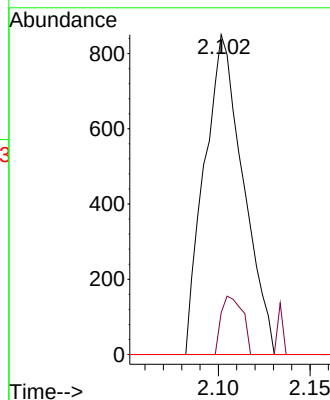
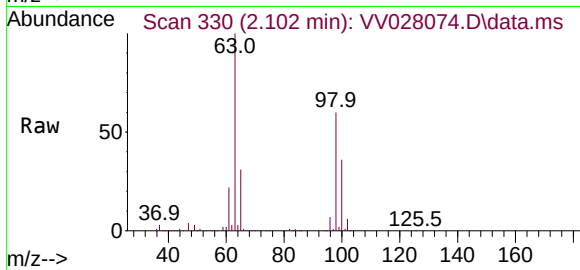
Tgt Ion:101 Resp: 1248

Ion Ratio Lower Upper

101 100

85 10.0 34.4 51.6#

151 0.0 61.1 91.7#



#12

1,1-Dichloroethene

Concen: 1.469 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV028074.D

Acq: 22 Sep 2022 21:29

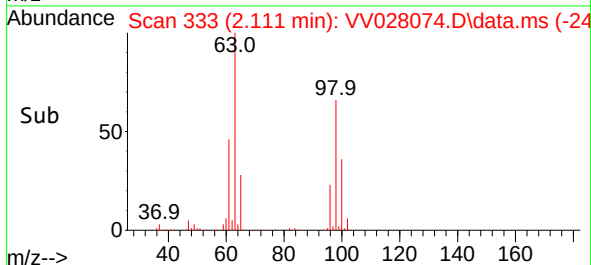
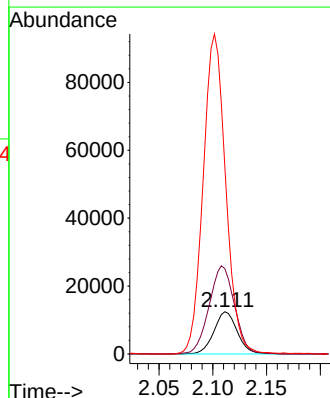
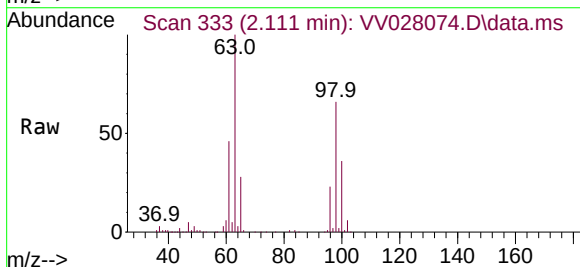
Tgt Ion: 96 Resp: 18754

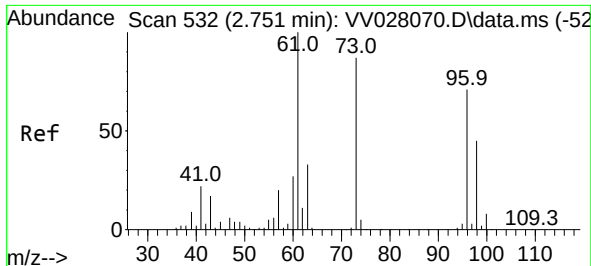
Ion Ratio Lower Upper

96 100

61 201.7 128.3 238.3

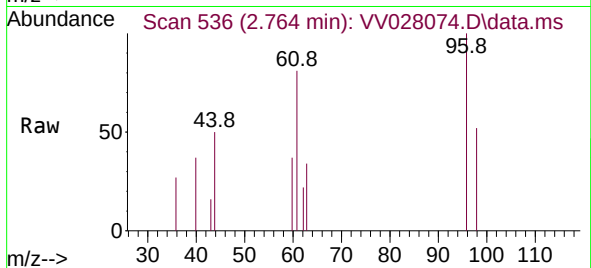
63 442.7 112.7 209.3#



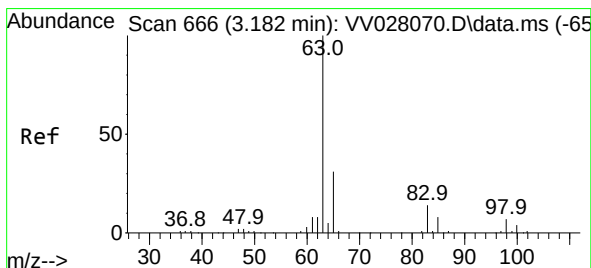
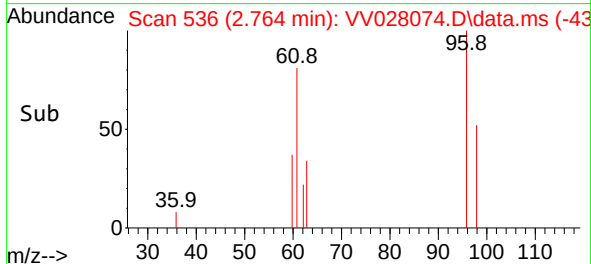
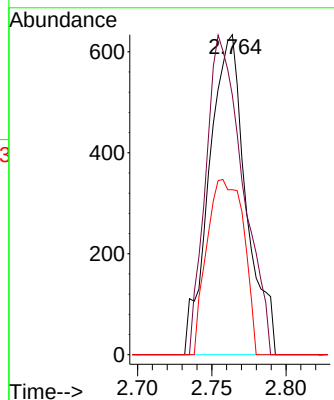


#18
 trans-1,2-Dichloroethene
 Concen: 0.098 ug/L
 RT: 2.764 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VV028074.D
 Acq: 22 Sep 2022 21:29

Instrument :
 MSVOA_V
 ClientSampleId :

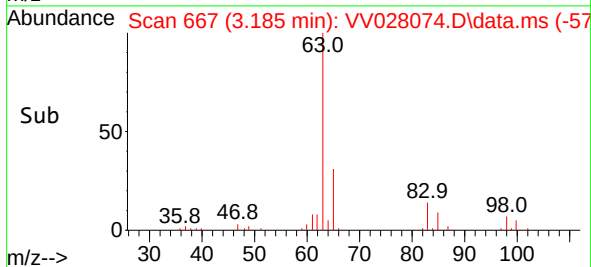
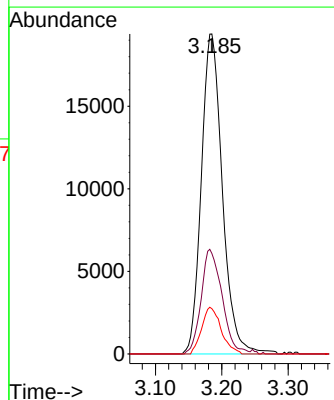
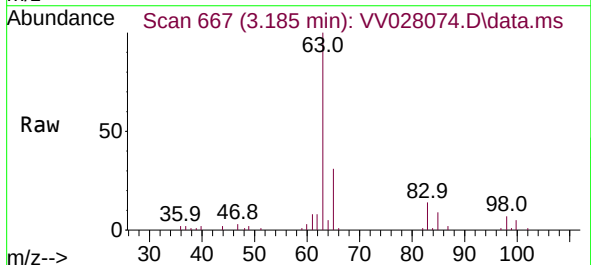


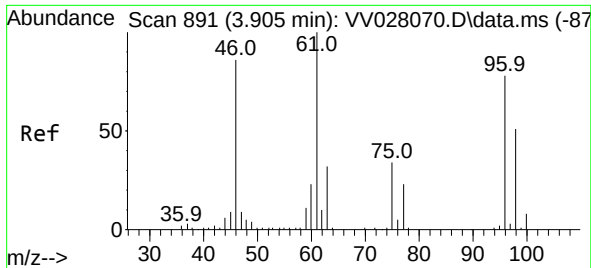
Tgt Ion: 96 Resp: 1096
 Ion Ratio Lower Upper
 96 100
 61 81.1 96.2 178.6#
 98 51.6 45.7 84.9



#19
 1,1-Dichloroethane
 Concen: 1.752 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV028074.D
 Acq: 22 Sep 2022 21:29

Tgt Ion: 63 Resp: 42736
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.0 42.8
 83 14.2 9.2 17.2





#22

cis-1,2-Dichloroethene

Concen: 1.025 ug/L

RT: 3.909 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV028074.D

Acq: 22 Sep 2022 21:29

Instrument :

MSVOA_V

ClientSampleId :

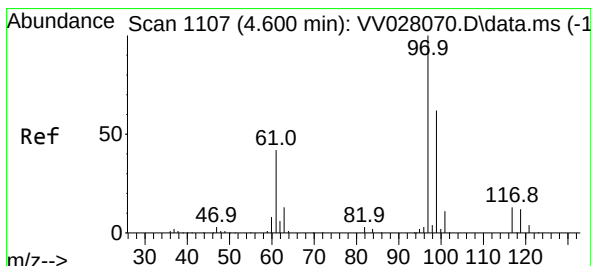
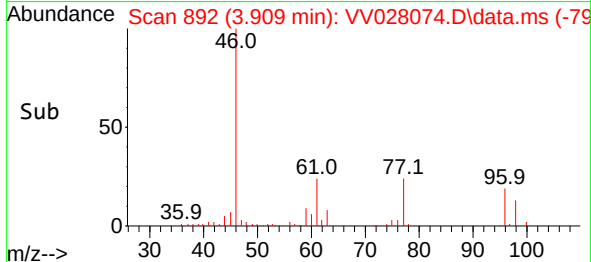
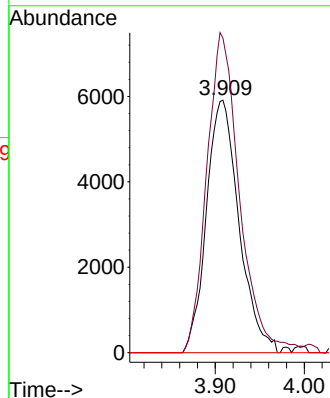
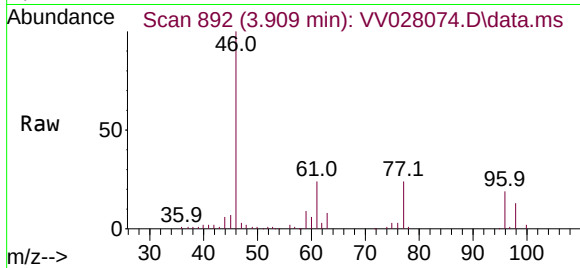
Tgt Ion: 96 Resp: 15031

Ion Ratio Lower Upper

96 100

61 124.6 87.2 161.9

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 5.203 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028074.D

Acq: 22 Sep 2022 21:29

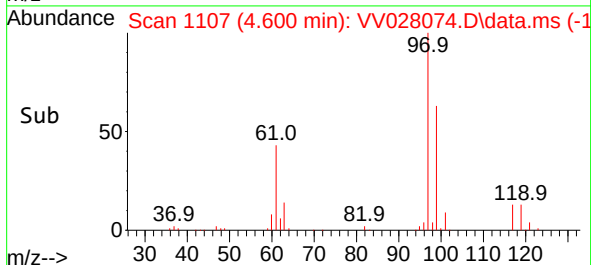
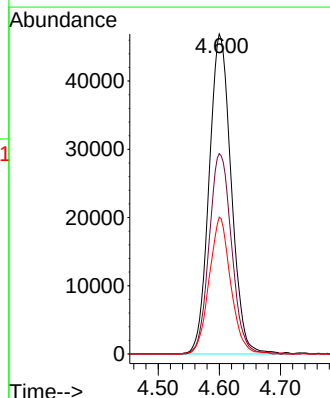
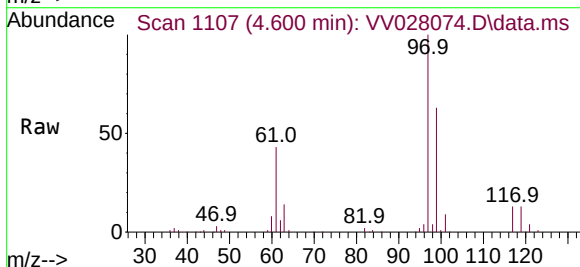
Tgt Ion: 97 Resp: 117573

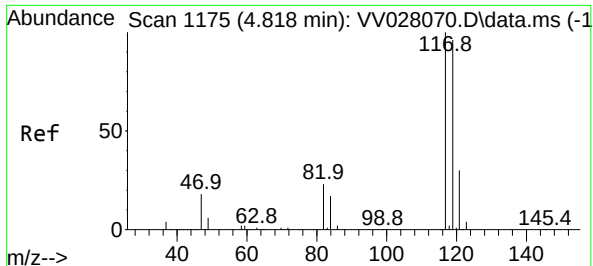
Ion Ratio Lower Upper

97 100

99 63.8 51.9 77.9

61 41.7 34.8 52.2

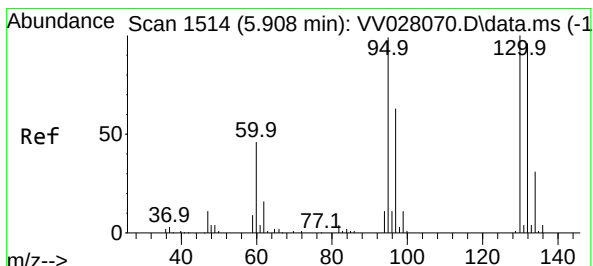
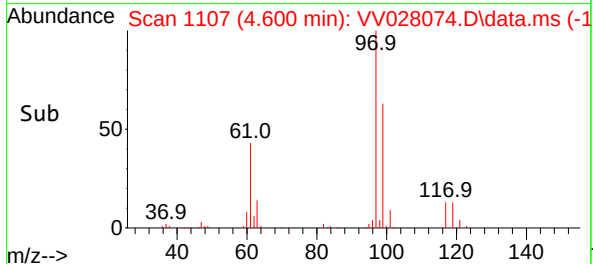
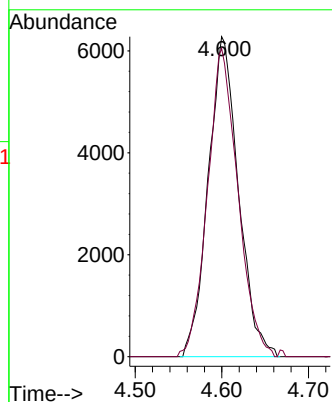
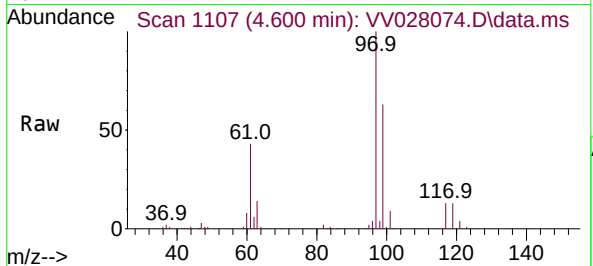




#31
Carbon tetrachloride
Concen: 0.819 ug/L
RT: 4.600 min Scan# 1175
Delta R.T. -0.218 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

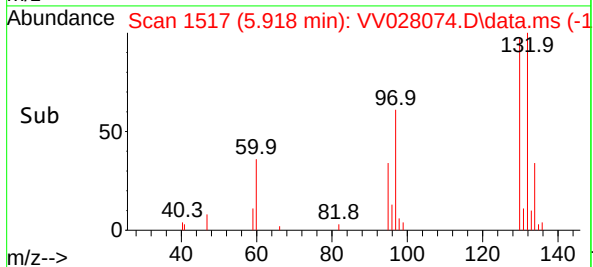
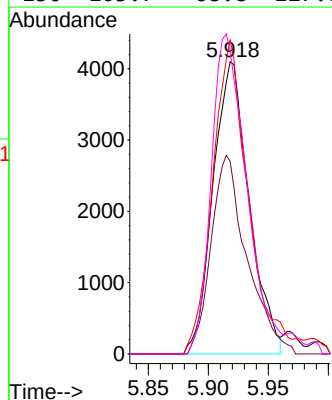
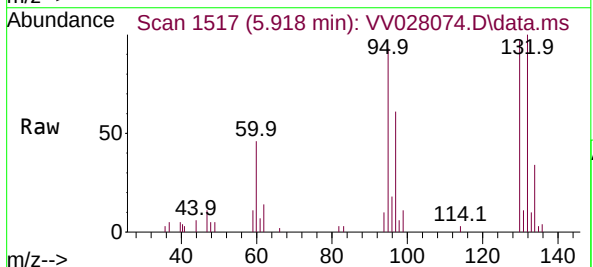
Instrument :
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ClientSampleId :

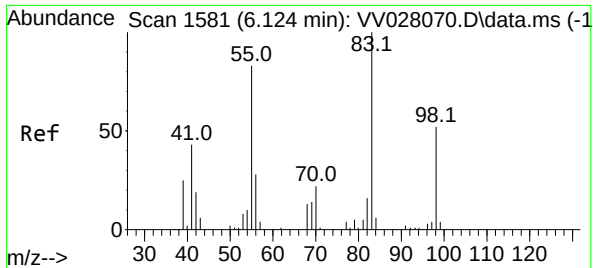
Tgt Ion:117 Resp: 15223
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3



#34
Trichloroethene
Concen: 0.674 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

Tgt Ion: 95 Resp: 8566
Ion Ratio Lower Upper
95 100
97 65.9 44.2 82.0
132 107.4 67.8 126.0
130 103.7 68.8 127.8

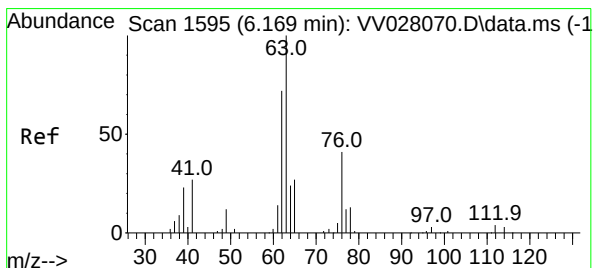
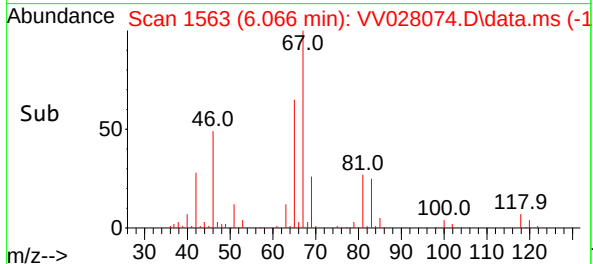
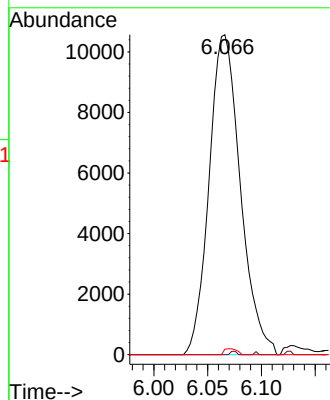
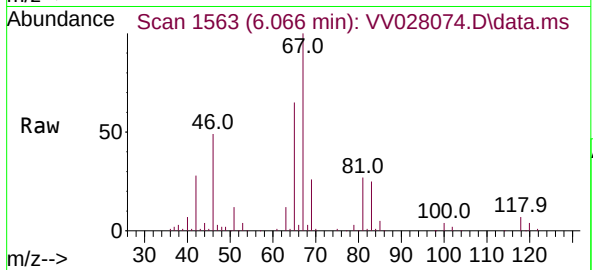




#35
Methylcyclohexane
Concen: 1.226 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

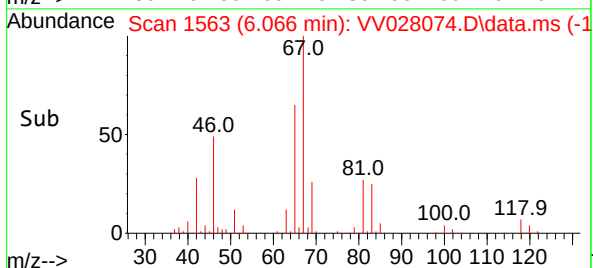
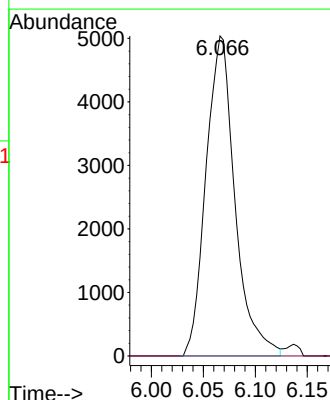
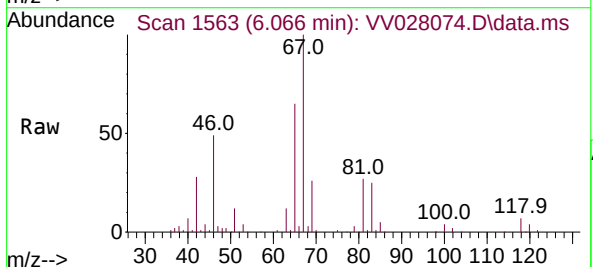
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MSVOA_V
ClientSampleId :

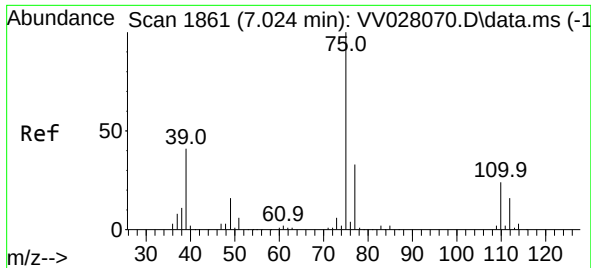
Tgt Ion: 83 Resp: 21370
Ion Ratio Lower Upper
83 100
55 0.2 64.7 97.1#
98 0.8 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

Tgt Ion: 63 Resp: 9771
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#

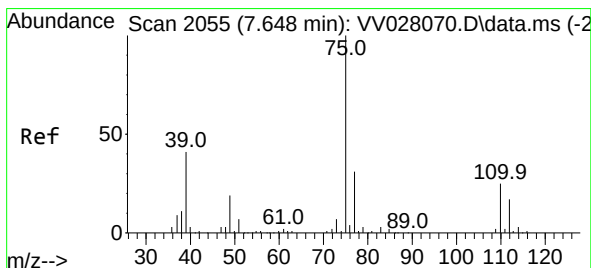
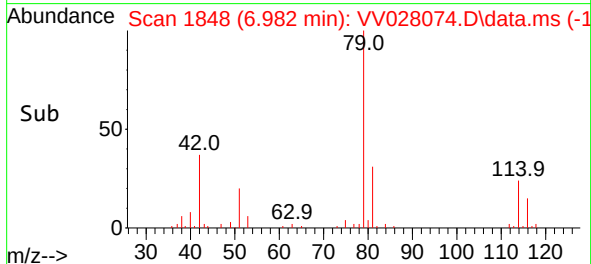
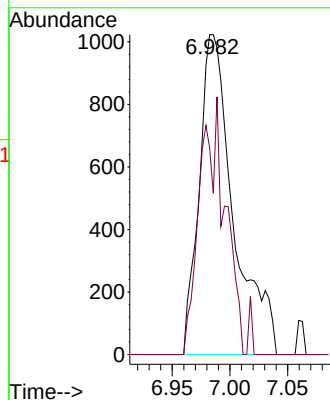
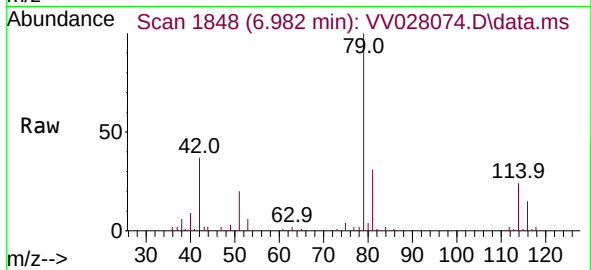




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 6.982 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV028074.D
 Acq: 22 Sep 2022 21:29

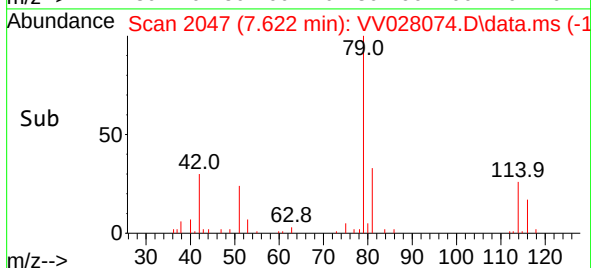
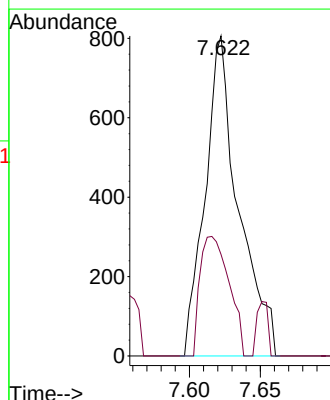
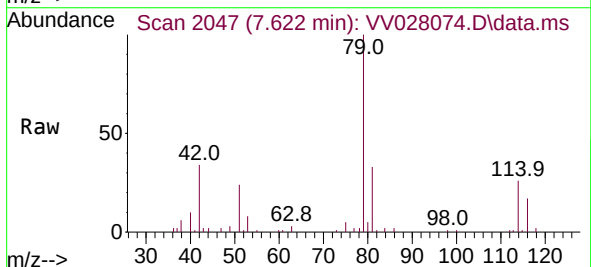
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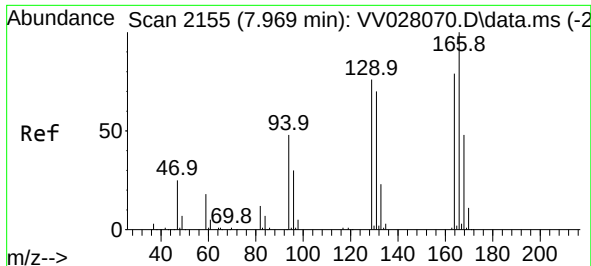
Tgt Ion: 75 Resp: 2121
 Ion Ratio Lower Upper
 75 100
 77 64.5 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.622 min Scan# 2047
 Delta R.T. -0.025 min
 Lab File: VV028074.D
 Acq: 22 Sep 2022 21:29

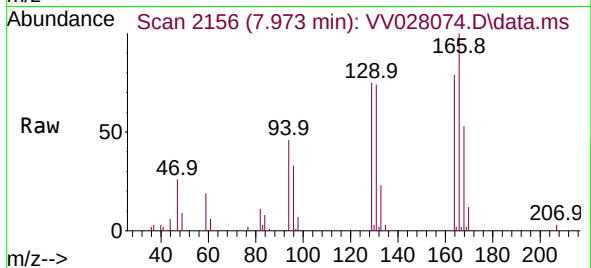
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 Ion Ratio Lower Upper
 75 100
 77 31.8 23.9 44.3



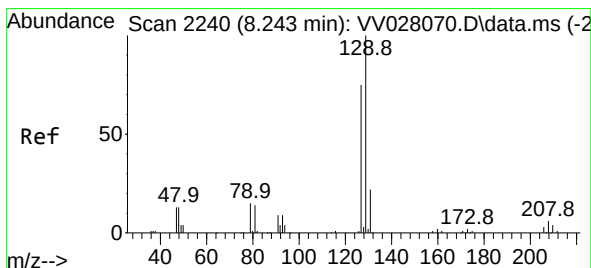
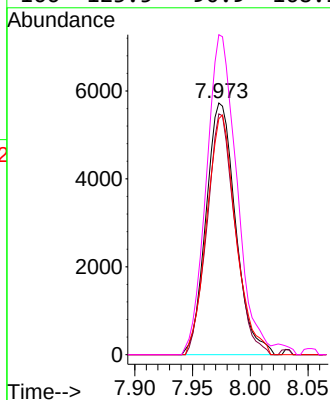
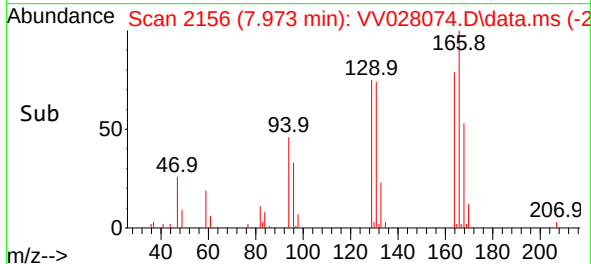


#47
Tetrachloroethene
Concen: 1.002 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

Instrument :
MSVOA_V
ClientSampleId :

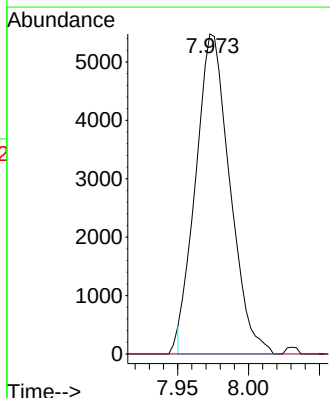
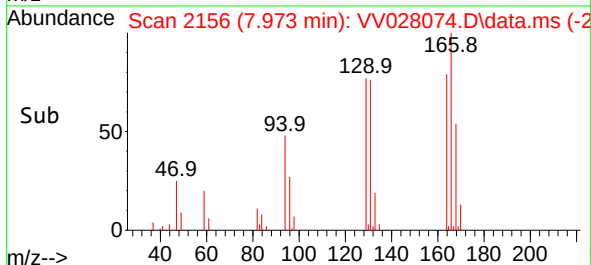
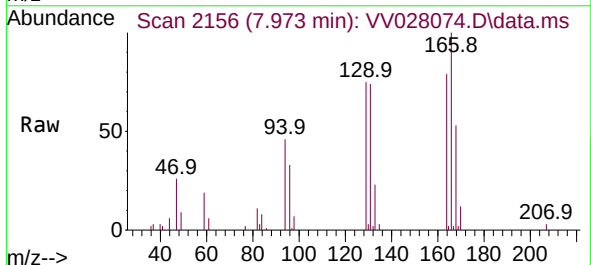


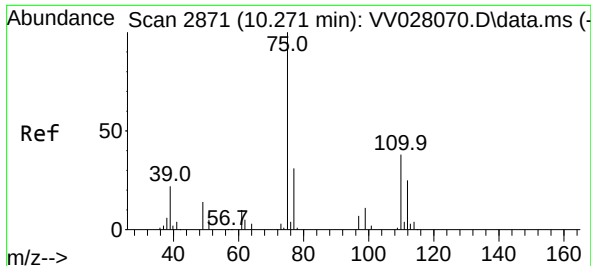
Tgt Ion:164 Resp: 10171
Ion Ratio Lower Upper
164 100
129 92.9 66.7 123.9
131 91.1 61.7 114.5
166 123.5 90.9 168.9



#49
Dibromochloromethane
Concen: 0.792 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

Tgt Ion:129 Resp: 9144
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#

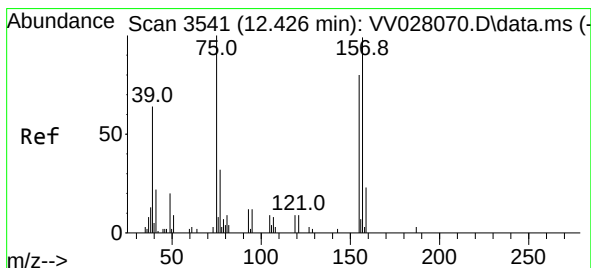
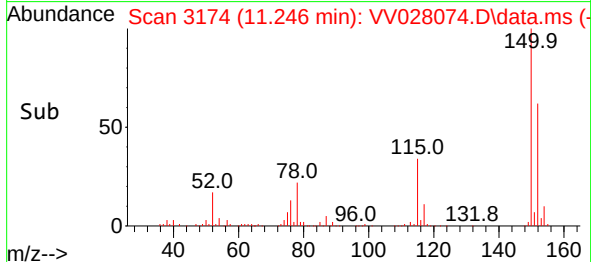
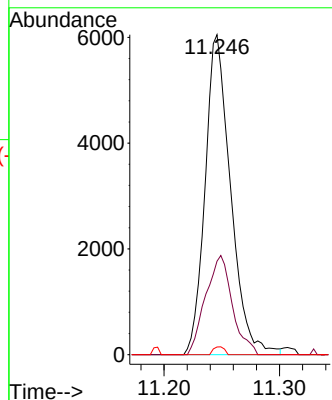
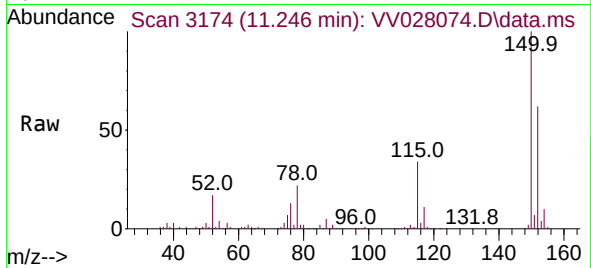




#61
 1,2,3-Trichloropropane
 Concen: 1.299 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028074.D
 Acq: 22 Sep 2022 21:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 9281
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.7 40.1
 110 1.1 30.1 45.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.129 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV028074.D
 Acq: 22 Sep 2022 21:29

Tgt Ion: 75 Resp: 202
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.6 110.4#
 157 0.0 90.7 136.1#

