

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029860.D
 Acq On : 14 Jan 2023 15:36
 Operator : SY/MD
 Sample : 01138-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X1

Quant Time: Jan 16 00:41:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	198846	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	197892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	103533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65673	4.354	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.565	69	62268	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.105	63	95898	3.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.889	46	141956	53.103	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.200%
24) Chloroform-d	4.339	84	140604	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.024	65	62611	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.043	84	292789	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.063	67	90205	5.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.307	98	248013	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.616	79	26024	4.148	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.085	63	131694	51.556	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	65680	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	101188	5.376	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1082	0.056	ug/L	94
5) Vinyl chloride	1.311	62	1223	0.064	ug/L #	1
8) Chloroethane	1.574	64	115695	9.984	ug/L #	51
12) 1,1-Dichloroethene	2.114	96	5548	0.327	ug/L #	1
14) Carbon disulfide	2.291	76	5629	0.115	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	2748	0.094	ug/L	100
19) 1,1-Dichloroethane	3.182	63	1368	0.052	ug/L #	84
22) cis-1,2-Dichloroethene	3.905	96	16277	0.968	ug/L	99
27) 1,2-Dichloroethane	5.043	62	1435	0.103	ug/L #	71
34) Trichloroethene	5.908	95	71366	4.304	ug/L	97
35) Methylcyclohexane	6.063	83	21787	0.778	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	9310	0.608	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1602	0.078	ug/L #	40
53) m,p-Xylene	9.133	106	1638	0.056	ug/L	87
61) 1,2,3-Trichloropropane	11.236	75	11894	1.551	ug/L #	64
71) Naphthalene	13.496	128	1880	0.069	ug/L #	82

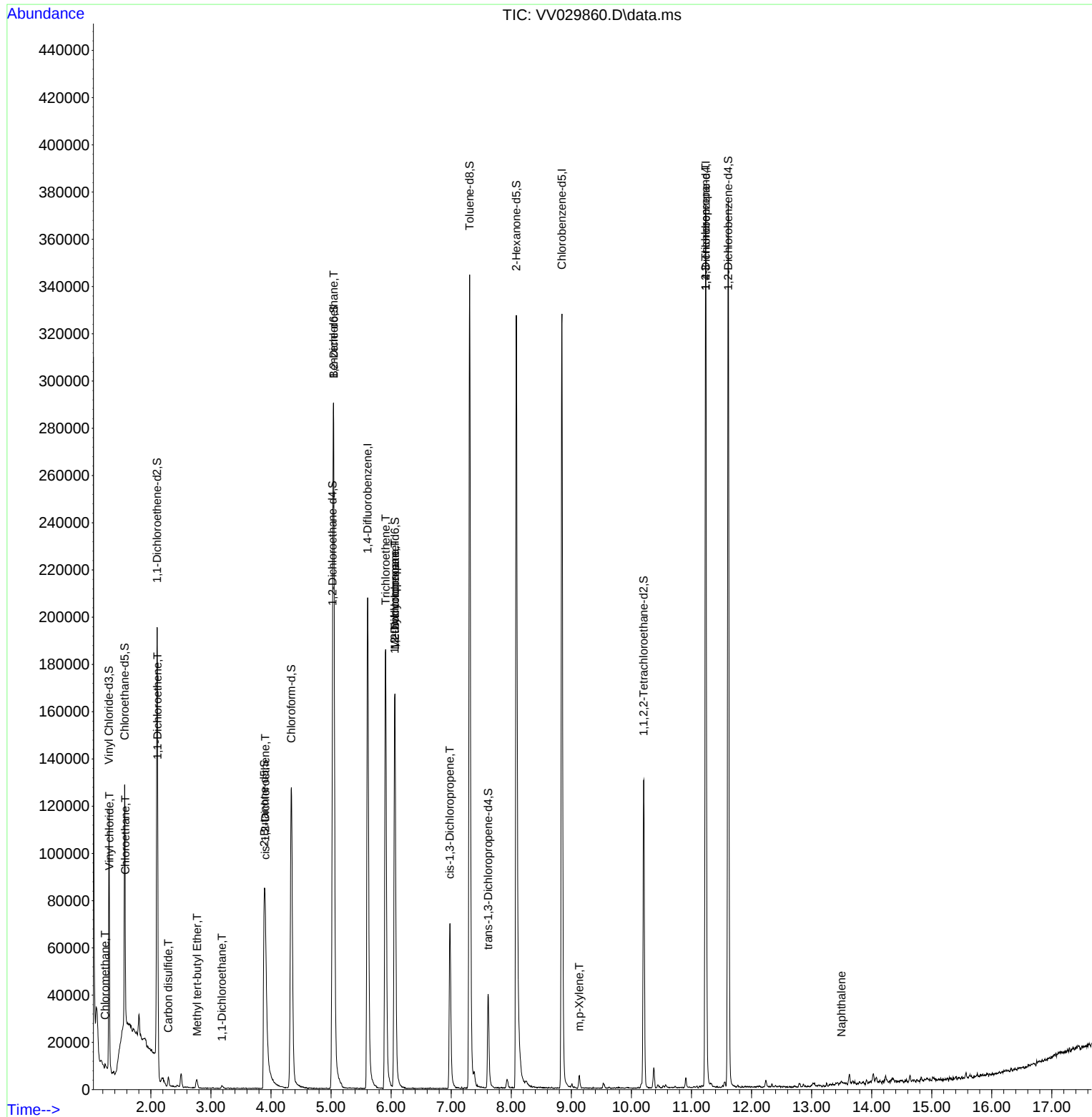
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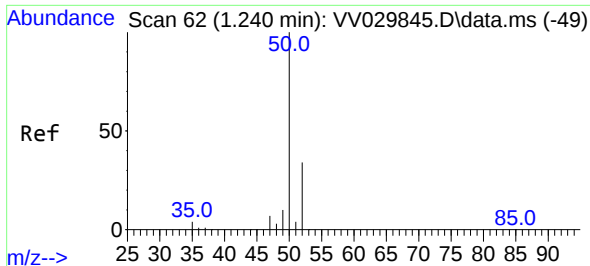
Instrument :
MSVOA_V
ClientSampleId :
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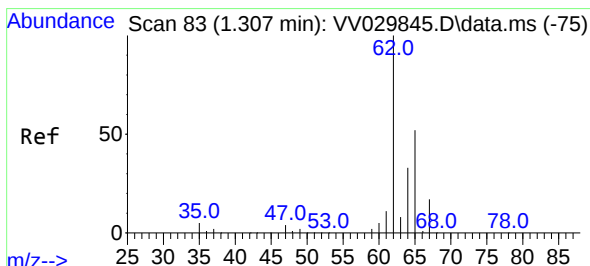
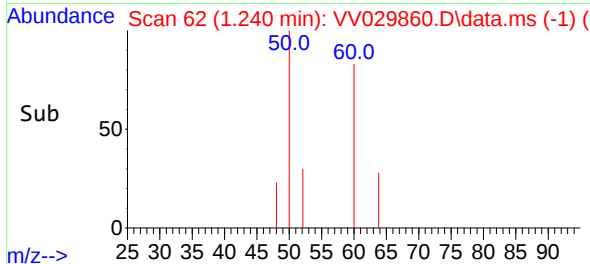
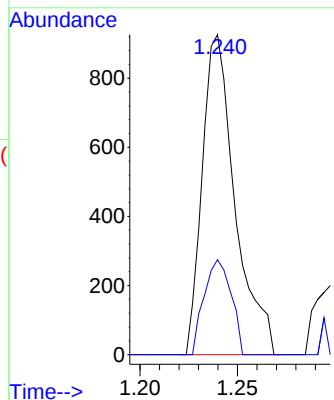
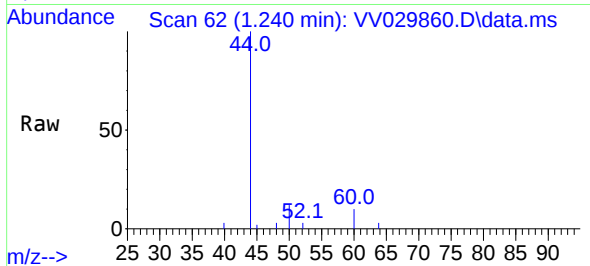




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

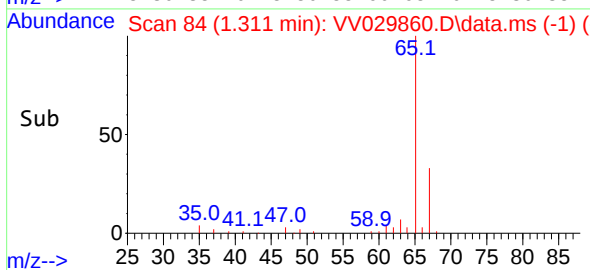
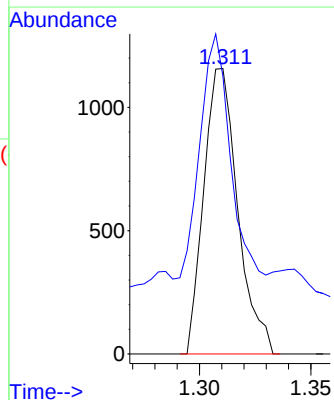
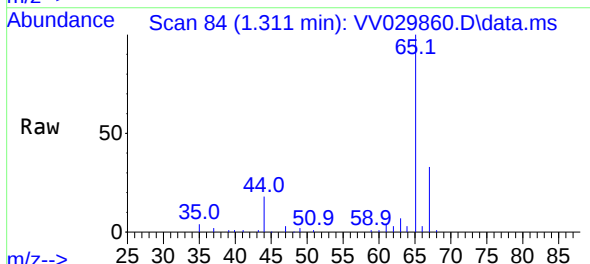
Instrument :
MSVOA_V
ClientSampleId :
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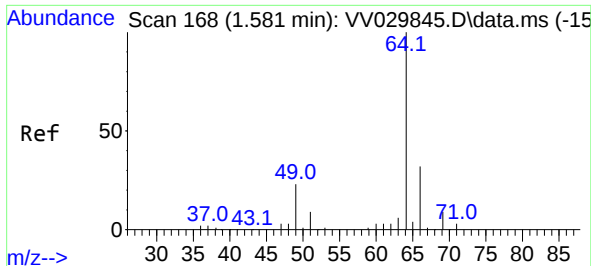
Tgt Ion: 50 Resp: 1082
Ion Ratio Lower Upper
50 100
52 29.7 23.1 42.9



#5
Vinyl chloride
Concen: 0.064 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

Tgt Ion: 62 Resp: 1223
Ion Ratio Lower Upper
62 100
64 97.3 23.2 43.2#

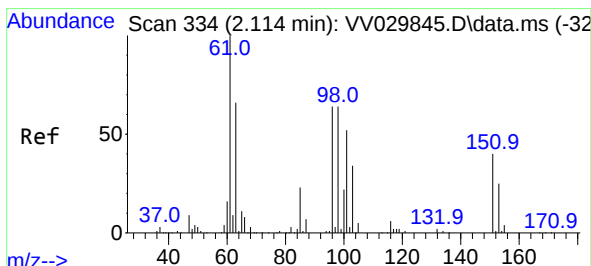
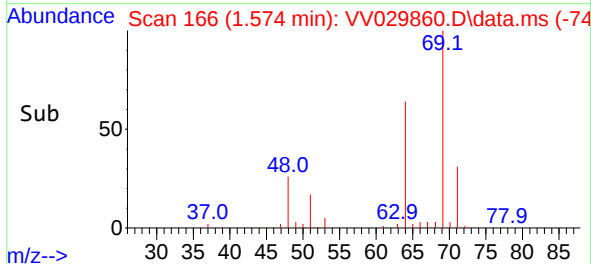
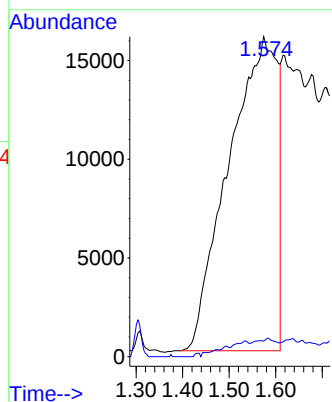
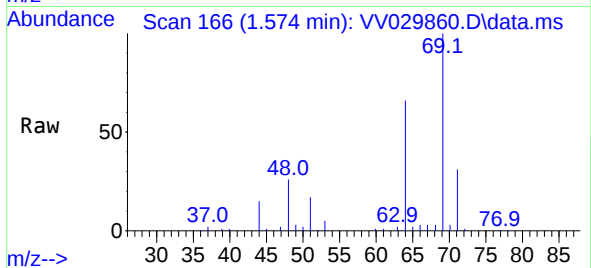




#8
Chloroethane
Concen: 9.984 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

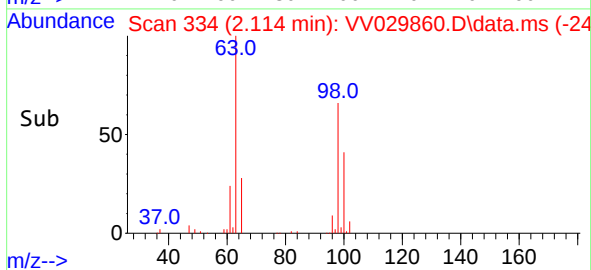
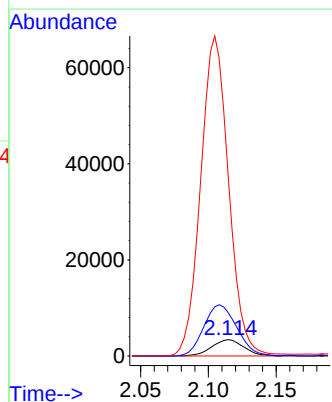
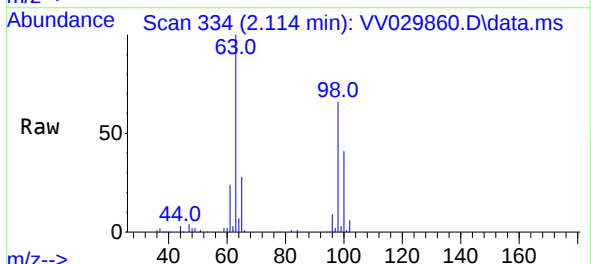
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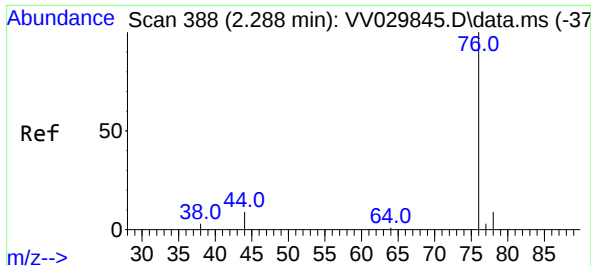
Tgt Ion: 64 Resp: 115695
Ion Ratio Lower Upper
64 100
66 4.9 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 0.327 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

Tgt Ion: 96 Resp: 5548
Ion Ratio Lower Upper
96 100
61 267.1 106.1 197.1#
63 1126.1 76.4 141.8#

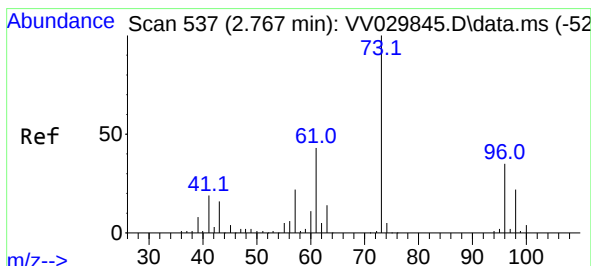
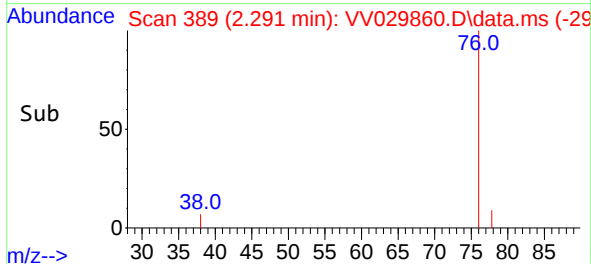
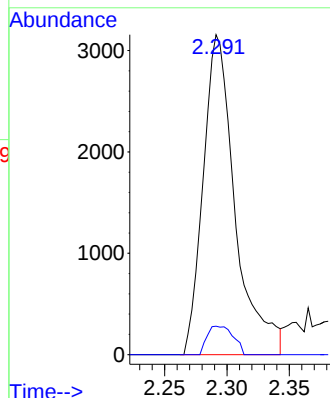
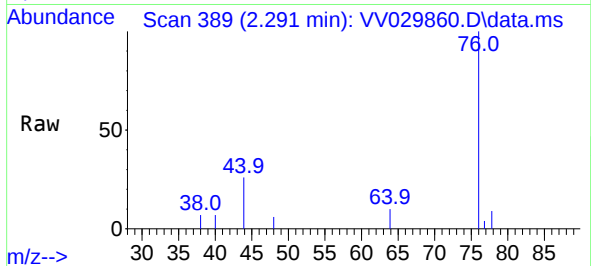




#14
Carbon disulfide
Concen: 0.115 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

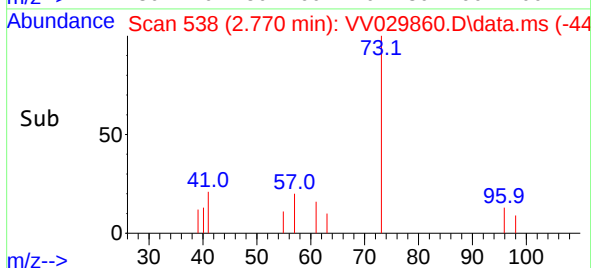
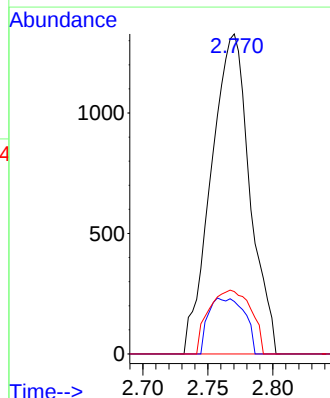
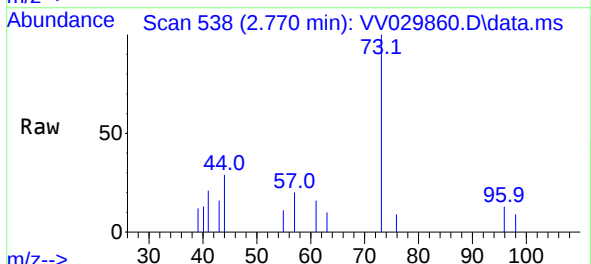
Instrument :
MSVOA_V
ClientSampleId :
BH1X1

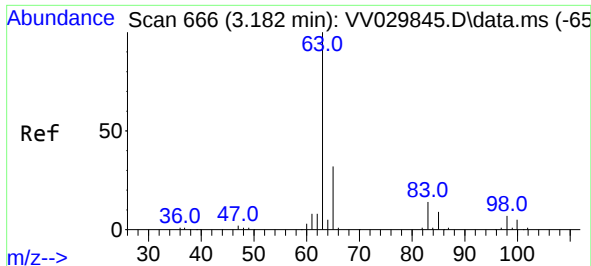
Tgt Ion: 76 Resp: 5629
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.010 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

Tgt Ion: 73 Resp: 2748
Ion Ratio Lower Upper
73 100
43 16.2 13.0 19.4
57 21.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 0.052 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029860.D

Acq: 14 Jan 2023 15:36

Instrument :

MSVOA_V

ClientSampleId :

BH1X1

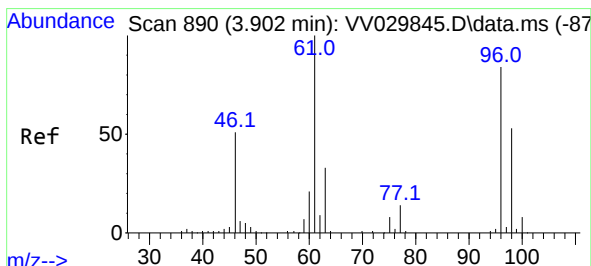
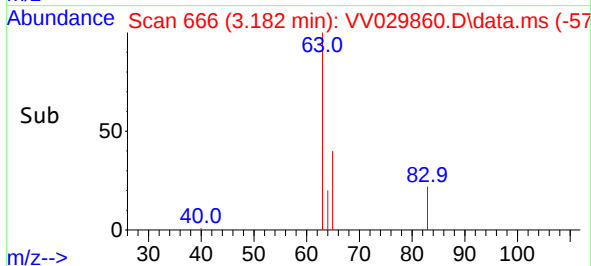
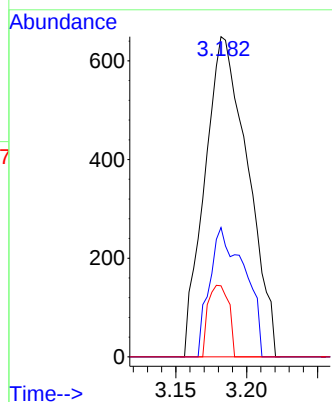
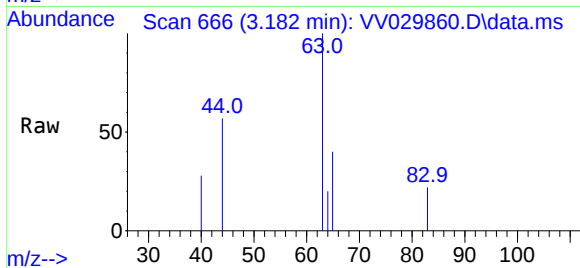
Tgt Ion: 63 Resp: 1368

Ion Ratio Lower Upper

63 100

65 40.4 22.4 41.6

83 22.2 10.2 19.0#



#22

cis-1,2-Dichloroethene

Concen: 0.968 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029860.D

Acq: 14 Jan 2023 15:36

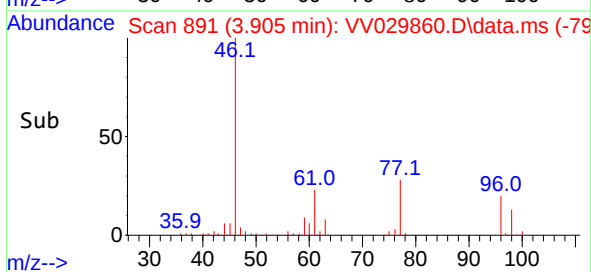
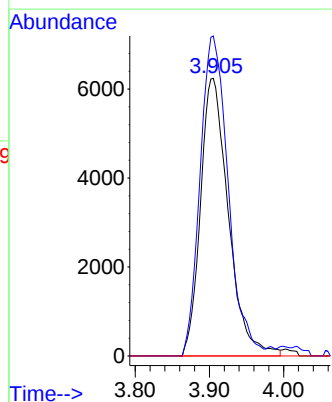
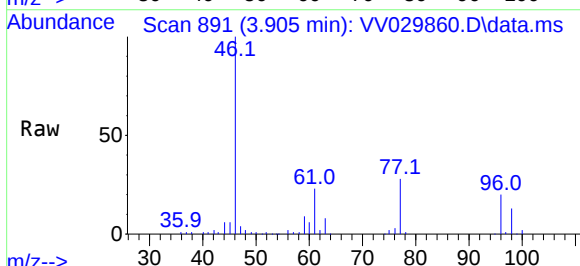
Tgt Ion: 96 Resp: 16277

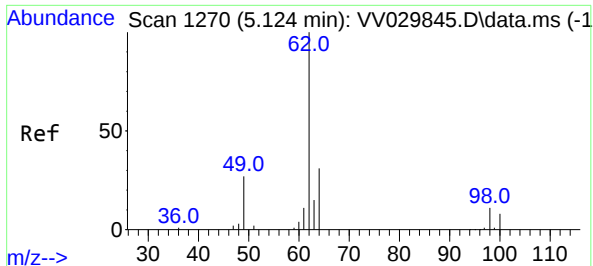
Ion Ratio Lower Upper

96 100

61 115.3 80.0 148.6

68 0.0 0.0 0.0

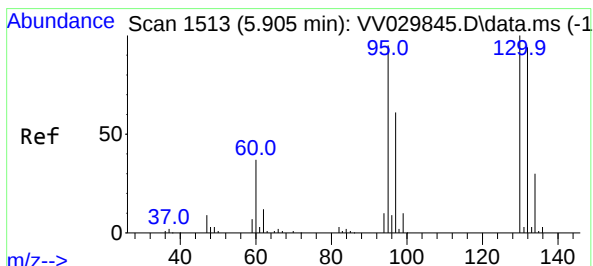
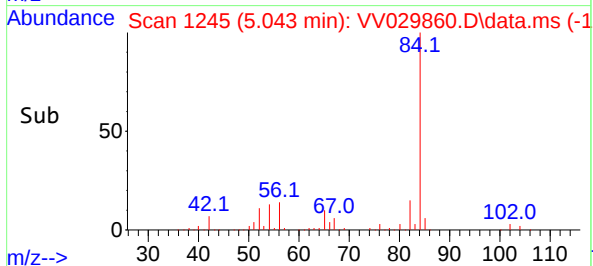
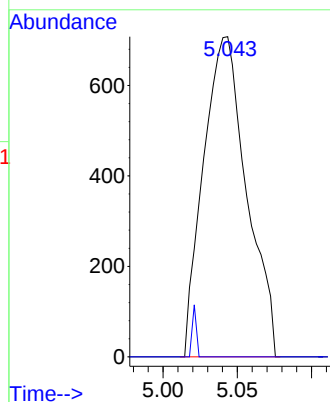
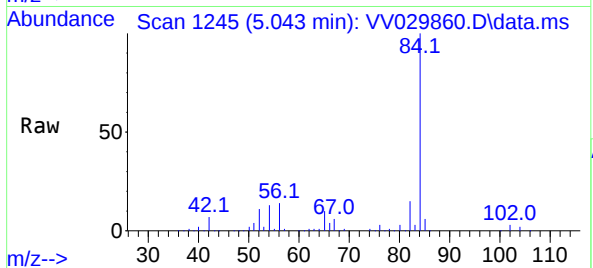




#27
1,2-Dichloroethane
Concen: 0.103 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

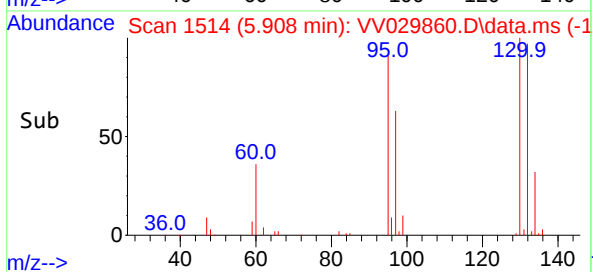
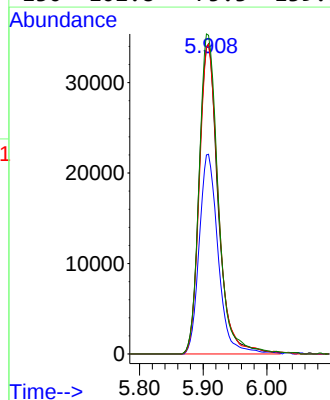
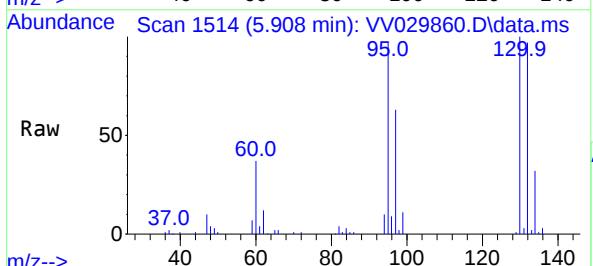
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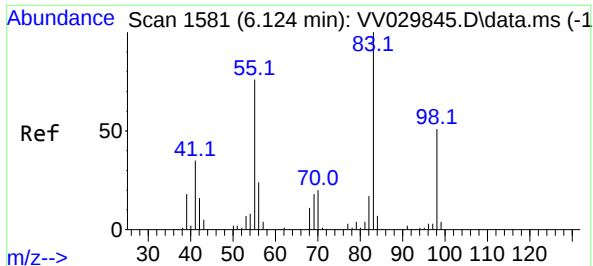
Tgt Ion: 62 Resp: 1435
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#34
Trichloroethene
Concen: 4.304 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

Tgt Ion: 95 Resp: 71366
Ion Ratio Lower Upper
95 100
97 64.4 44.9 83.3
132 99.8 71.8 133.4
130 102.8 75.3 139.8





#35

Methylcyclohexane

Concen: 0.778 ug/L

RT: 6.063 min Scan# 1561

Delta R.T. -0.058 min

Lab File: VV029860.D

Acq: 14 Jan 2023 15:36

Instrument :

MSVOA_V

ClientSampleId :

BH1X1

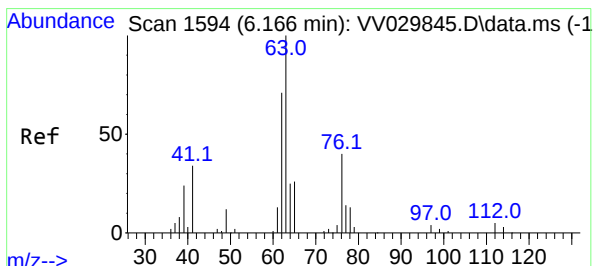
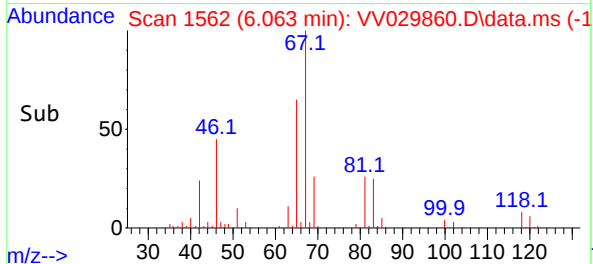
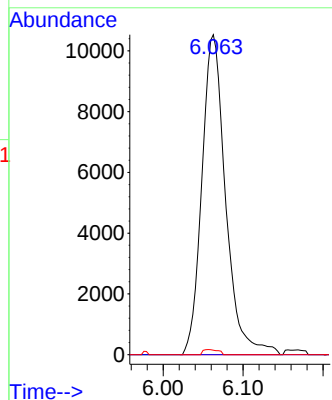
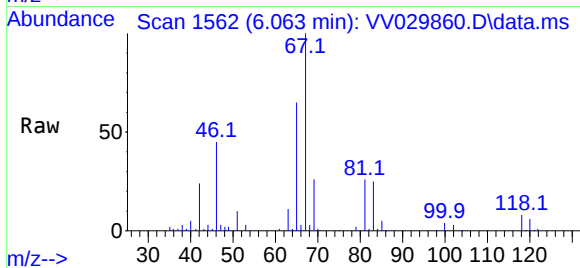
Tgt Ion: 83 Resp: 21787

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.0 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.103 min

Lab File: VV029860.D

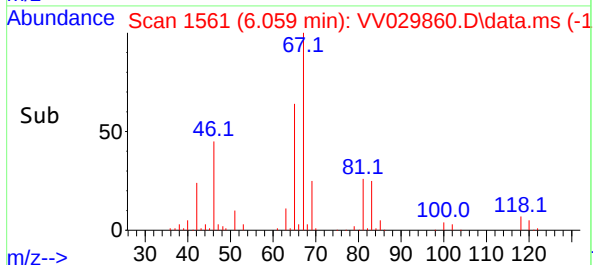
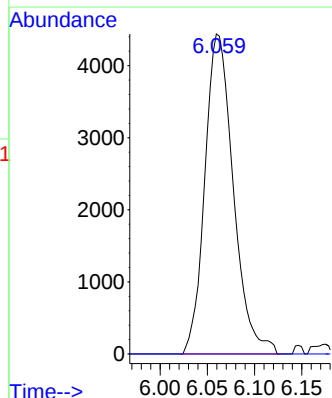
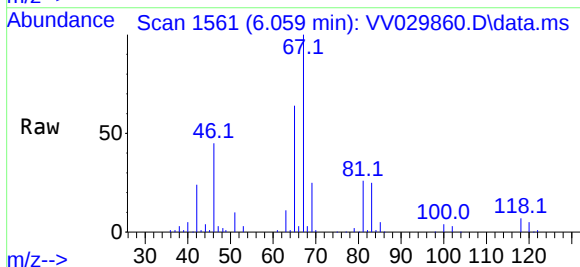
Acq: 14 Jan 2023 15:36

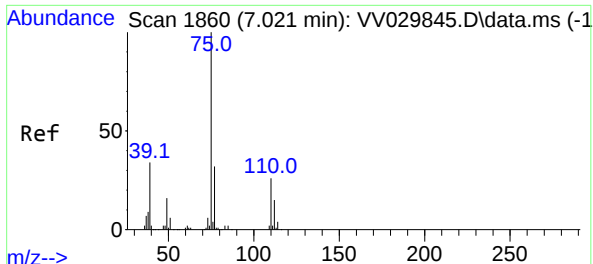
Tgt Ion: 63 Resp: 9310

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

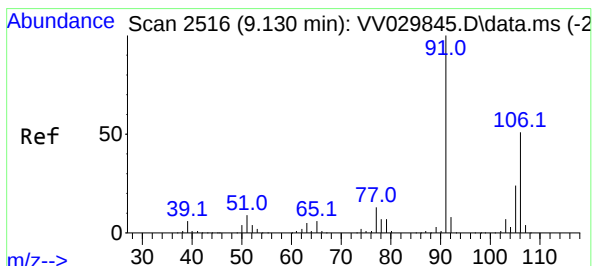
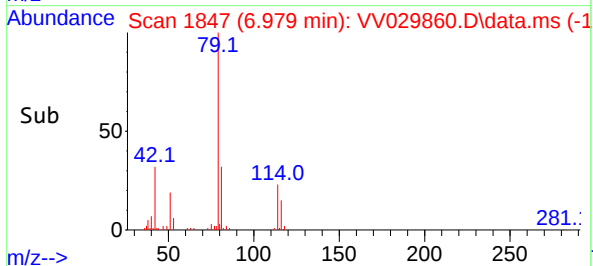
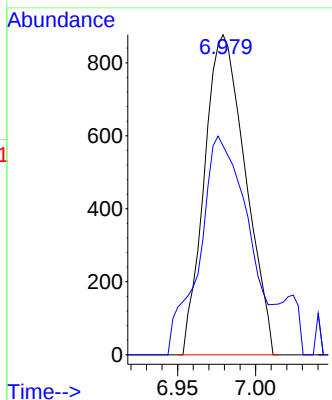
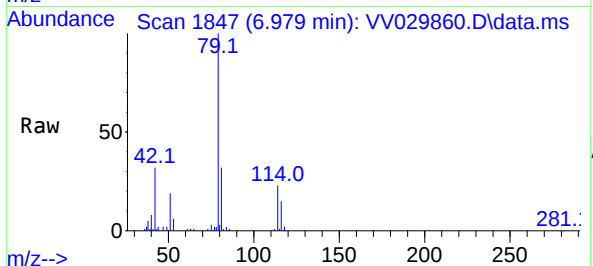




#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 6.979 min Scan# 1860
Delta R.T. -0.039 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

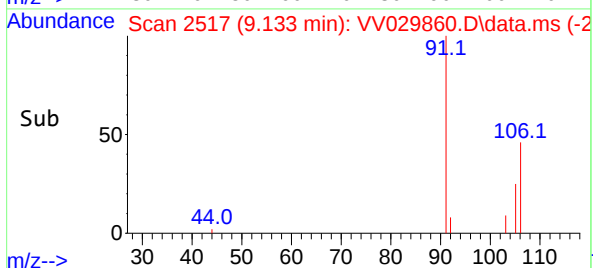
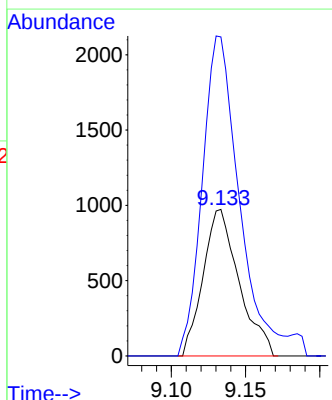
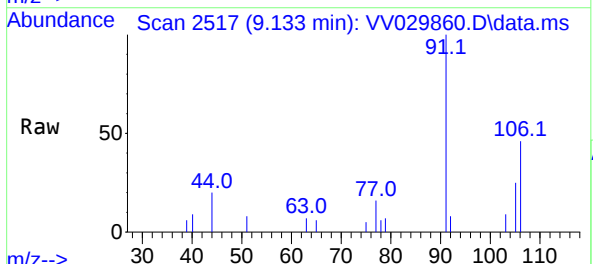
Instrument :
MSVOA_V
ClientSampleId :
BH1X1

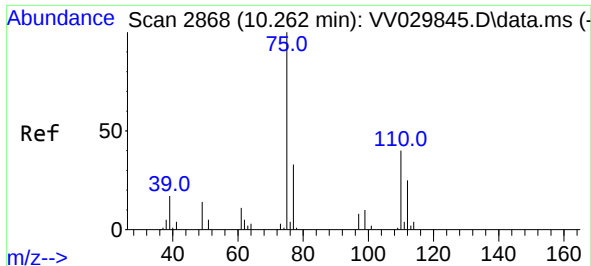
Tgt Ion: 75 Resp: 1602
Ion Ratio Lower Upper
75 100
77 65.3 22.4 41.6#



#53
m,p-Xylene
Concen: 0.056 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

Tgt Ion: 106 Resp: 1638
Ion Ratio Lower Upper
106 100
91 217.8 138.7 257.7

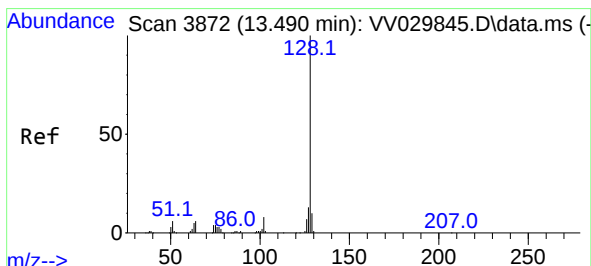
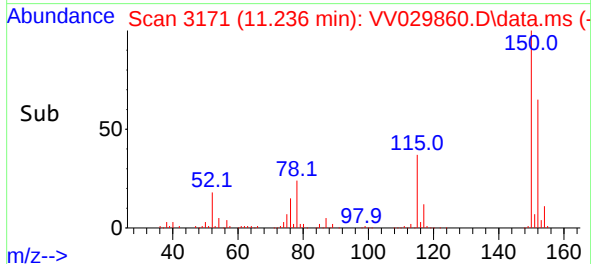
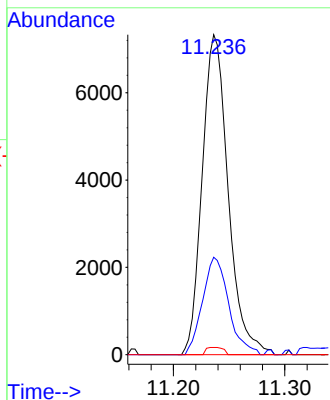
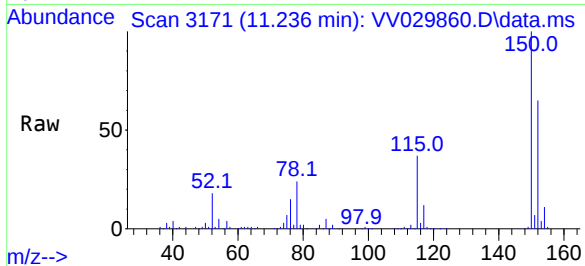




#61
1,2,3-Trichloropropane
Concen: 1.551 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

Instrument :
MSVOA_V
ClientSampleId :
BH1X1

Tgt Ion: 75 Resp: 11894
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7
110 1.5 31.8 47.8#



#71
Naphthalene
Concen: 0.069 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.006 min
Lab File: VV029860.D
Acq: 14 Jan 2023 15:36

Tgt Ion: 128 Resp: 1880
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 8.8 10.0 15.0#

