

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030275.D
 Acq On : 21 Mar 2023 14:10
 Operator : SY/MD
 Sample : 01996-01DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A24DL

Quant Time: Mar 22 06:05:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

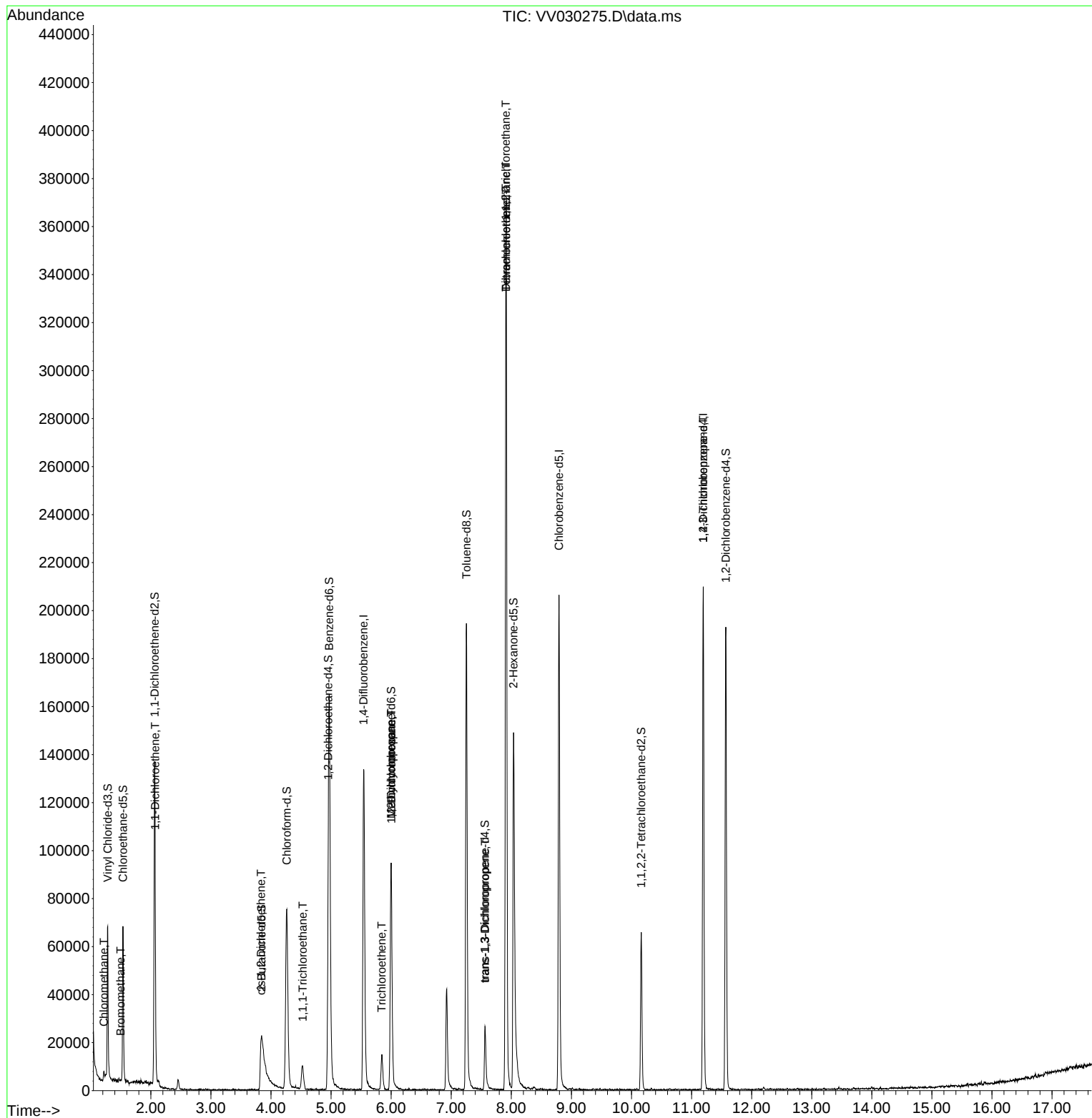
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	116551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	42278	5.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%
7) Chloroethane-d5	1.536	69	38370	5.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.063	63	70281	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.841	46	62029	44.396	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.800%
24) Chloroform-d	4.262	84	80129	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	4.953	65	40745	6.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.000%
32) Benzene-d6	4.969	84	147519	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.998	67	41632	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.252	98	130837	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.561	79	15480	4.796	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.037	63	60101	45.005	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29555	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	50759	5.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1944	0.129	ug/L #	72
6) Bromomethane	1.497	94	220	0.123	ug/L	85
12) 1,1-Dichloroethene	2.072	96	2611	0.332	ug/L #	1
22) cis-1,2-Dichloroethene	3.834	96	1994	0.241	ug/L	89
29) 1,1,1-Trichloroethane	4.526	97	7847	0.573	ug/L	95
34) Trichloroethene	5.841	95	4904	0.550	ug/L	88
35) Methylcyclohexane	5.998	83	11389	0.844	ug/L #	20
37) 1,2-Dichloropropane	6.002	63	5611	0.693	ug/L #	86
44) trans-1,3-Dichloropropene	7.564	75	751	0.081	ug/L #	49
45) 1,1,2-Trichloroethane	7.908	97	729	0.126	ug/L #	26
47) Tetrachloroethene	7.911	164	83960	10.967	ug/L	98
49) Dibromochloromethane	7.911	129	73585	10.853	ug/L #	11
61) 1,2,3-Trichloropropane	11.194	75	6138	1.630	ug/L #	62

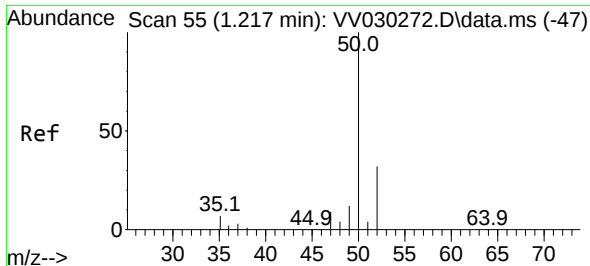
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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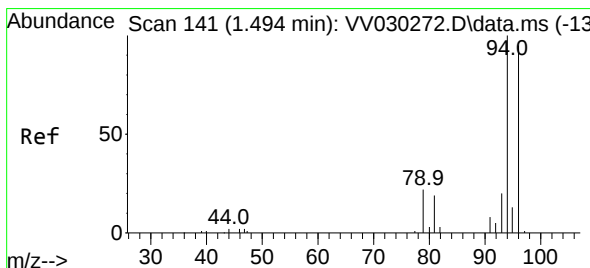
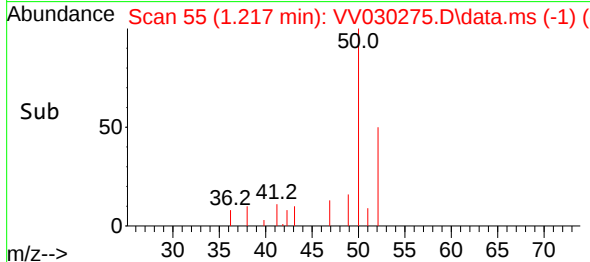
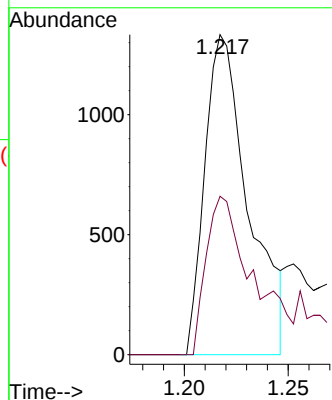
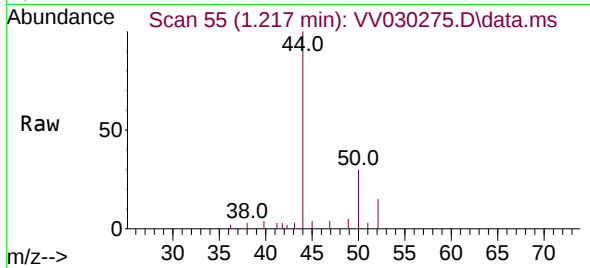




#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

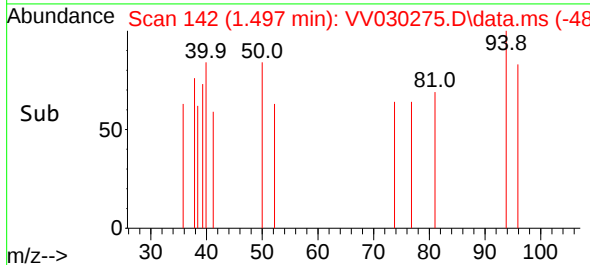
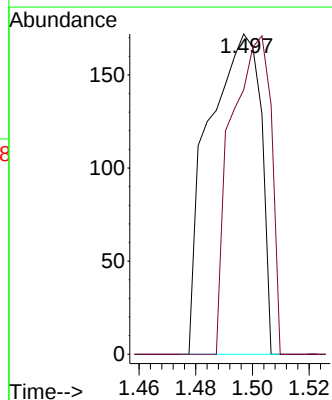
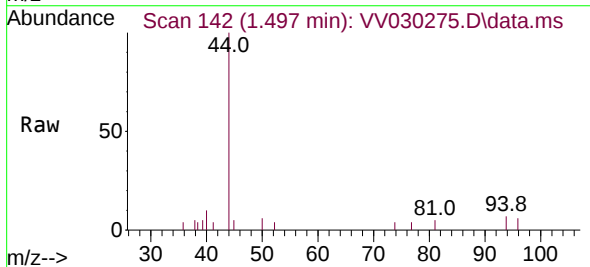
Instrument :
MSVOA_V
ClientSampleId :
H0A24DL

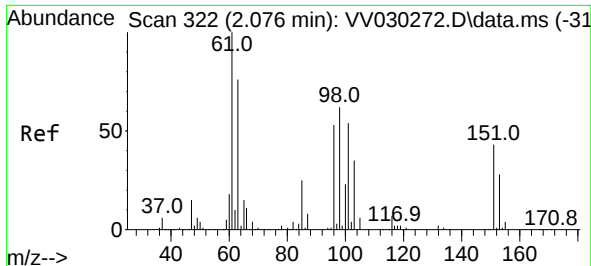
Tgt Ion: 50 Resp: 1944
Ion Ratio Lower Upper
50 100
52 49.5 23.6 43.8#



#6
Bromomethane
Concen: 0.123 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.003 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

Tgt Ion: 94 Resp: 220
Ion Ratio Lower Upper
94 100
96 82.6 68.4 127.0





#12

1,1-Dichloroethene

Concen: 0.332 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030275.D

Acq: 21 Mar 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

H0A24DL

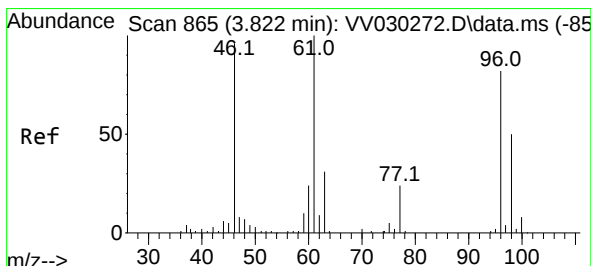
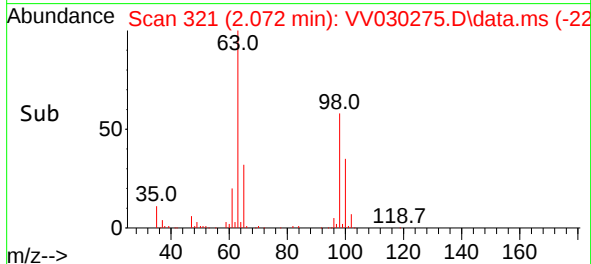
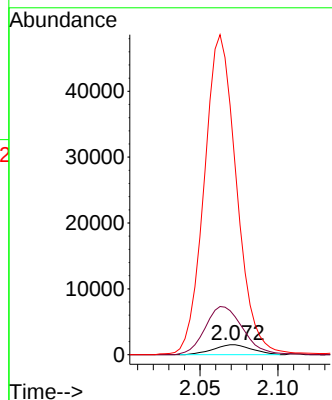
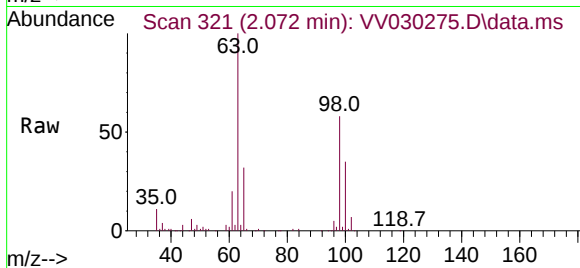
Tgt Ion: 96 Resp: 2611

Ion Ratio Lower Upper

96 100

61 380.5 115.6 214.6#

63 1897.3 85.6 159.0#



#22

cis-1,2-Dichloroethene

Concen: 0.241 ug/L

RT: 3.834 min Scan# 869

Delta R.T. 0.013 min

Lab File: VV030275.D

Acq: 21 Mar 2023 14:10

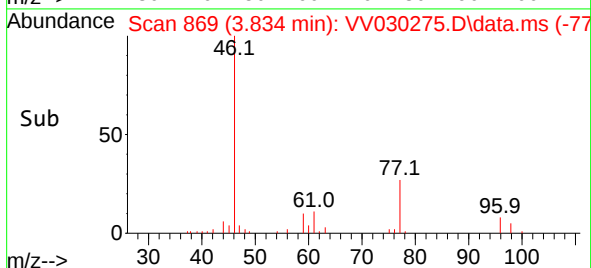
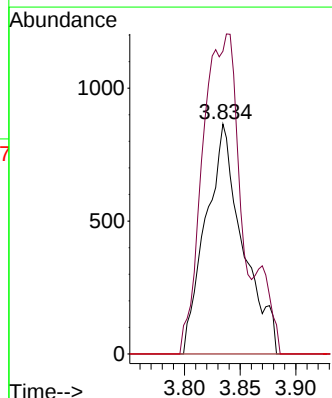
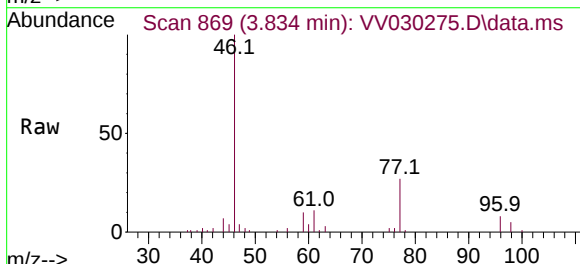
Tgt Ion: 96 Resp: 1994

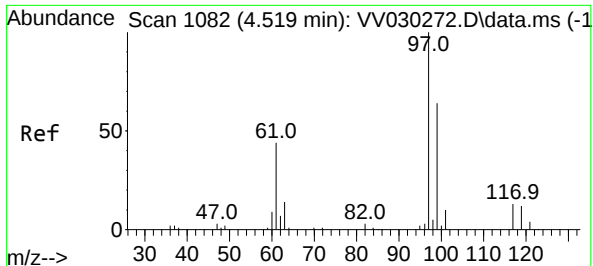
Ion Ratio Lower Upper

96 100

61 131.7 83.4 154.8

68 0.0 0.0 0.0

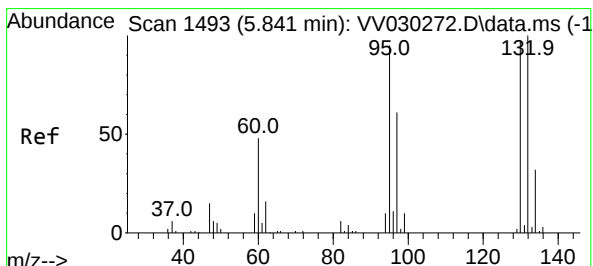
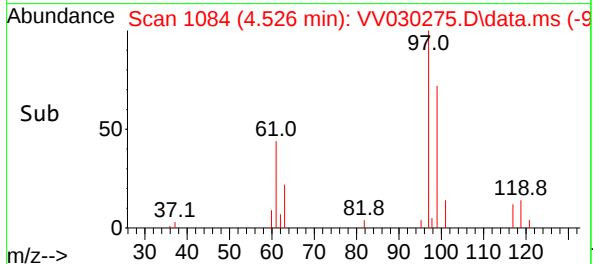
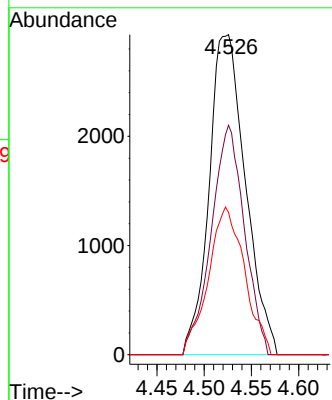
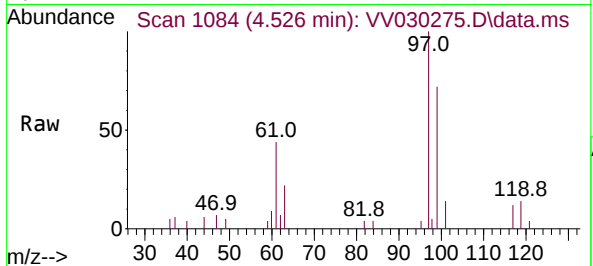




#29
1,1,1-Trichloroethane
Concen: 0.573 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

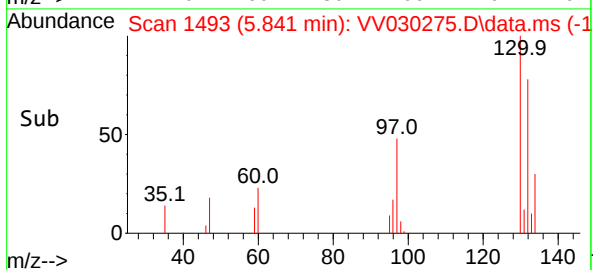
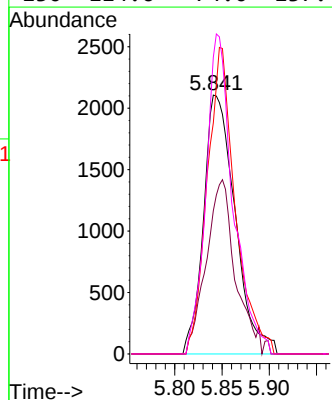
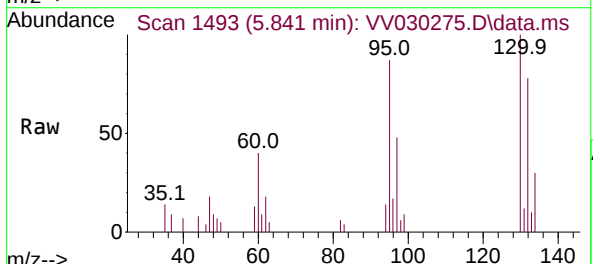
Instrument :
MSVOA_V
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H0A24DL

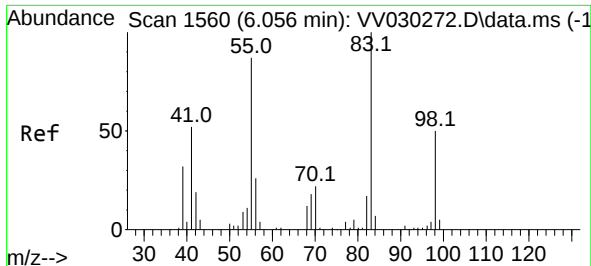
Tgt Ion: 97 Resp: 7847
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 45.9 31.5 47.3



#34
Trichloroethene
Concen: 0.550 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

Tgt Ion: 95 Resp: 4904
Ion Ratio Lower Upper
95 100
97 55.3 46.5 86.5
132 89.2 71.7 133.3
130 114.6 74.0 137.4

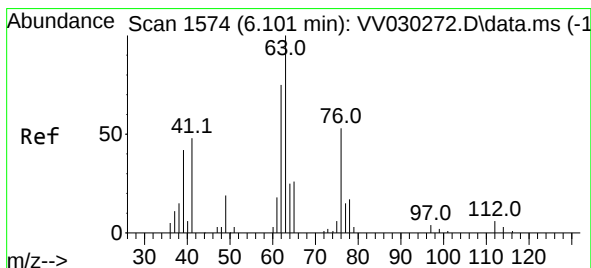
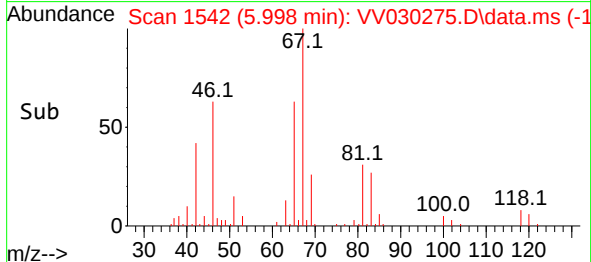
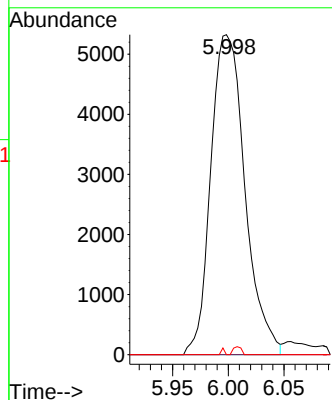
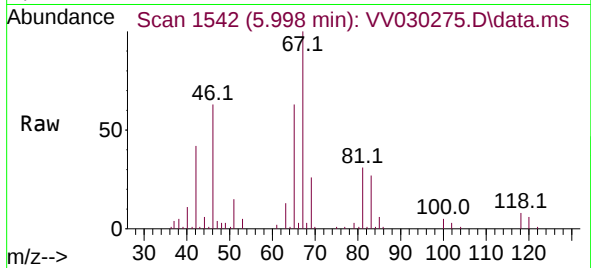




#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

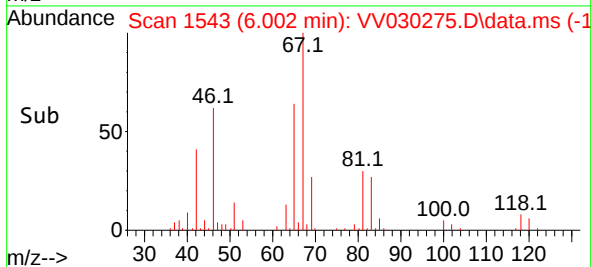
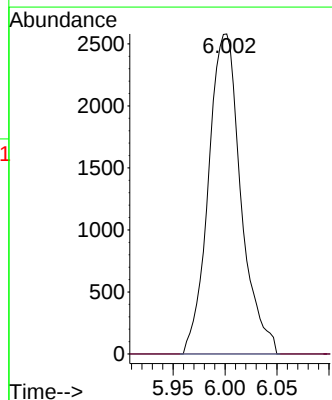
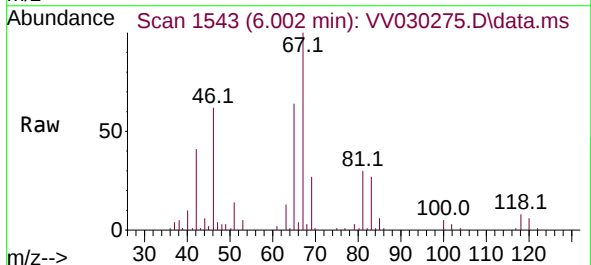
Instrument :
MSVOA_V
ClientSampleId :
H0A24DL

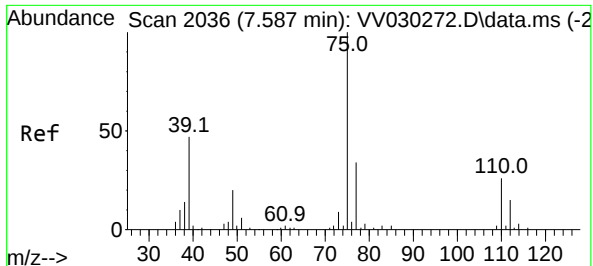
Tgt Ion: 83 Resp: 11389
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.2 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.100 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

Tgt Ion: 63 Resp: 5611
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

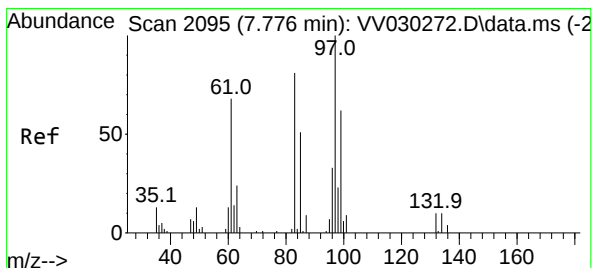
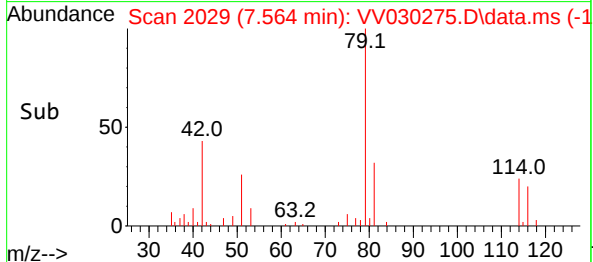
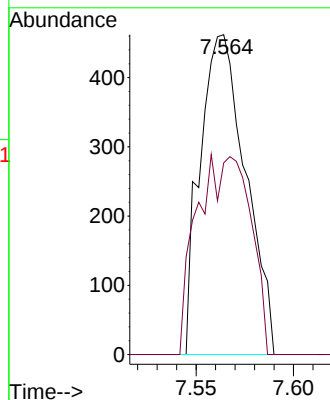
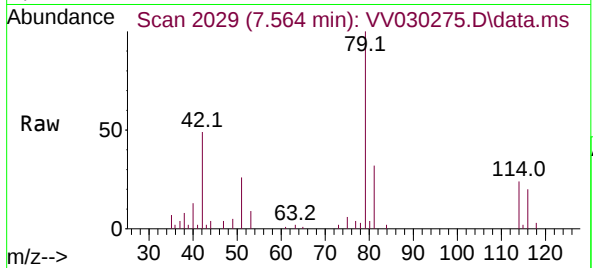




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.564 min Scan# 2036
Delta R.T. -0.023 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

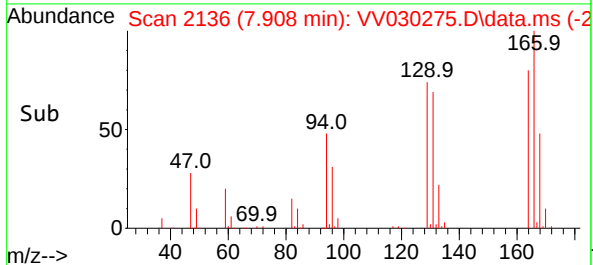
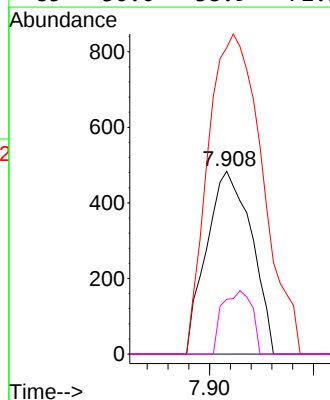
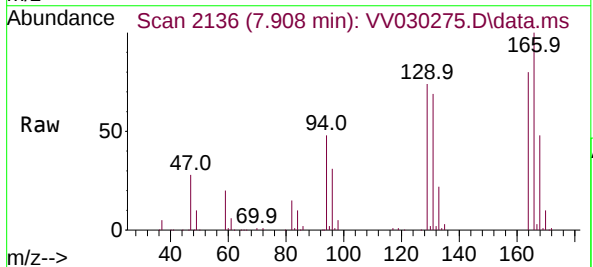
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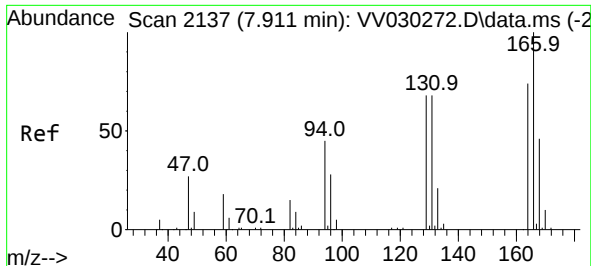
Tgt Ion: 75 Resp: 751
Ion Ratio Lower Upper
75 100
77 60.0 22.1 41.1#



#45
1,1,2-Trichloroethane
Concen: 0.126 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.132 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

Tgt Ion: 97 Resp: 729
Ion Ratio Lower Upper
97 100
99 0.0 42.6 79.2#
83 167.6 57.7 107.3#
85 30.0 38.9 72.2#





#47

Tetrachloroethene

Concen: 10.967 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030275.D

Acq: 21 Mar 2023 14:10

Instrument :

MSVOA_V

ClientSampleId :

H0A24DL

Tgt Ion:164 Resp: 83960

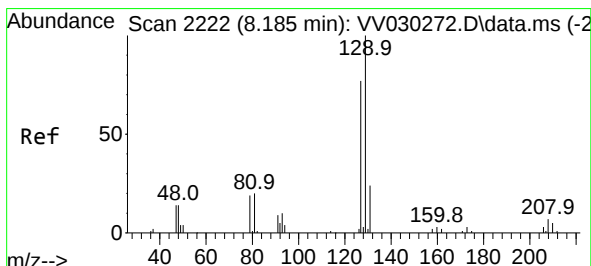
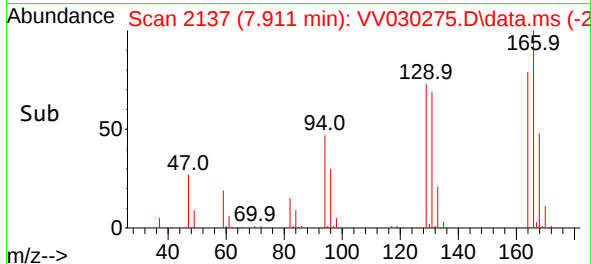
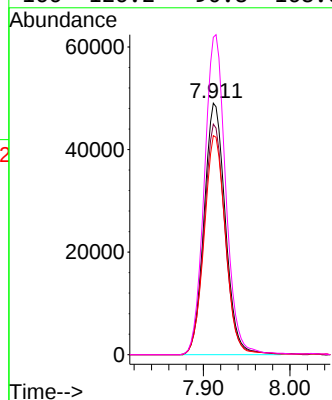
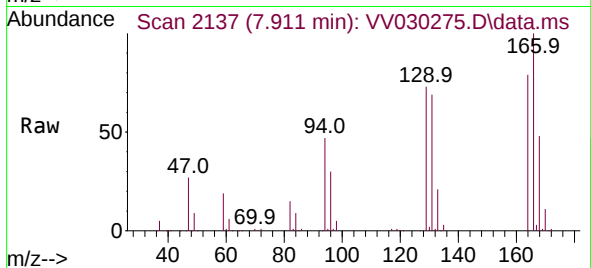
Ion Ratio Lower Upper

164 100

129 91.7 63.6 118.2

131 87.1 61.7 114.7

166 126.2 90.8 168.6



#49

Dibromochloromethane

Concen: 10.853 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030275.D

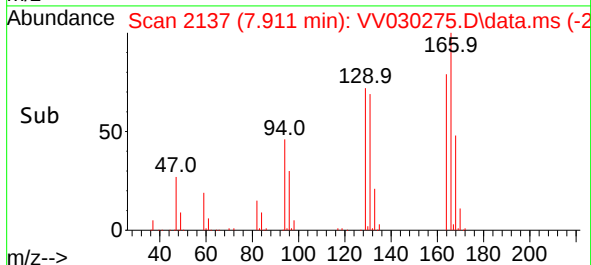
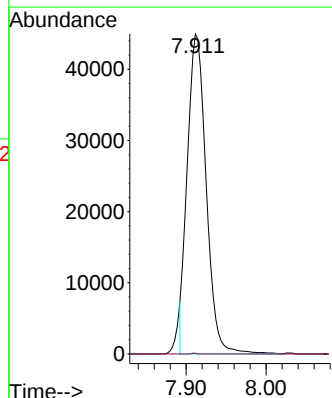
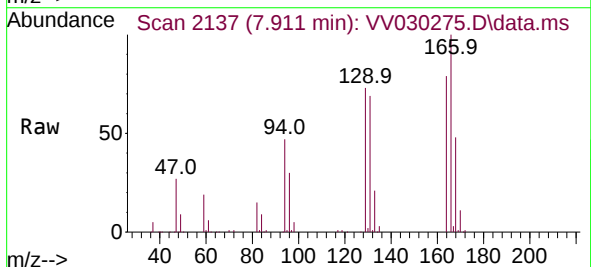
Acq: 21 Mar 2023 14:10

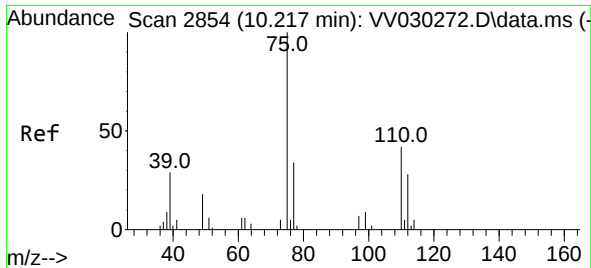
Tgt Ion:129 Resp: 73585

Ion Ratio Lower Upper

129 100

127 0.3 54.7 101.5#





#61
1,2,3-Trichloropropane
Concen: 1.630 ug/L
RT: 11.194 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV030275.D
Acq: 21 Mar 2023 14:10

Instrument :
MSVOA_V
ClientSampleId :
H0A24DL

Tgt Ion: 75 Resp: 6138
Ion Ratio Lower Upper
75 100
77 39.9 26.5 39.7#
110 3.0 31.8 47.6#

