

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051723\
 Data File : VW031072.D
 Acq On : 17 May 2023 14:34
 Operator : SY/MD
 Sample : 02822-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONL4

Quant Time: May 18 02:49:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 18 02:47:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125576	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	124659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64333	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	33896	3.276	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.539	69	35682	4.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.066	65	18546	3.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.815	46	95716	52.170	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.340%
24) Chloroform-d	4.259	84	97459	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.953	65	52679	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	4.970	84	160966	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.998	67	50386	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.252	98	134914	3.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.561	79	16939	4.253	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.034	63	65928	47.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35925	4.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	55638	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%

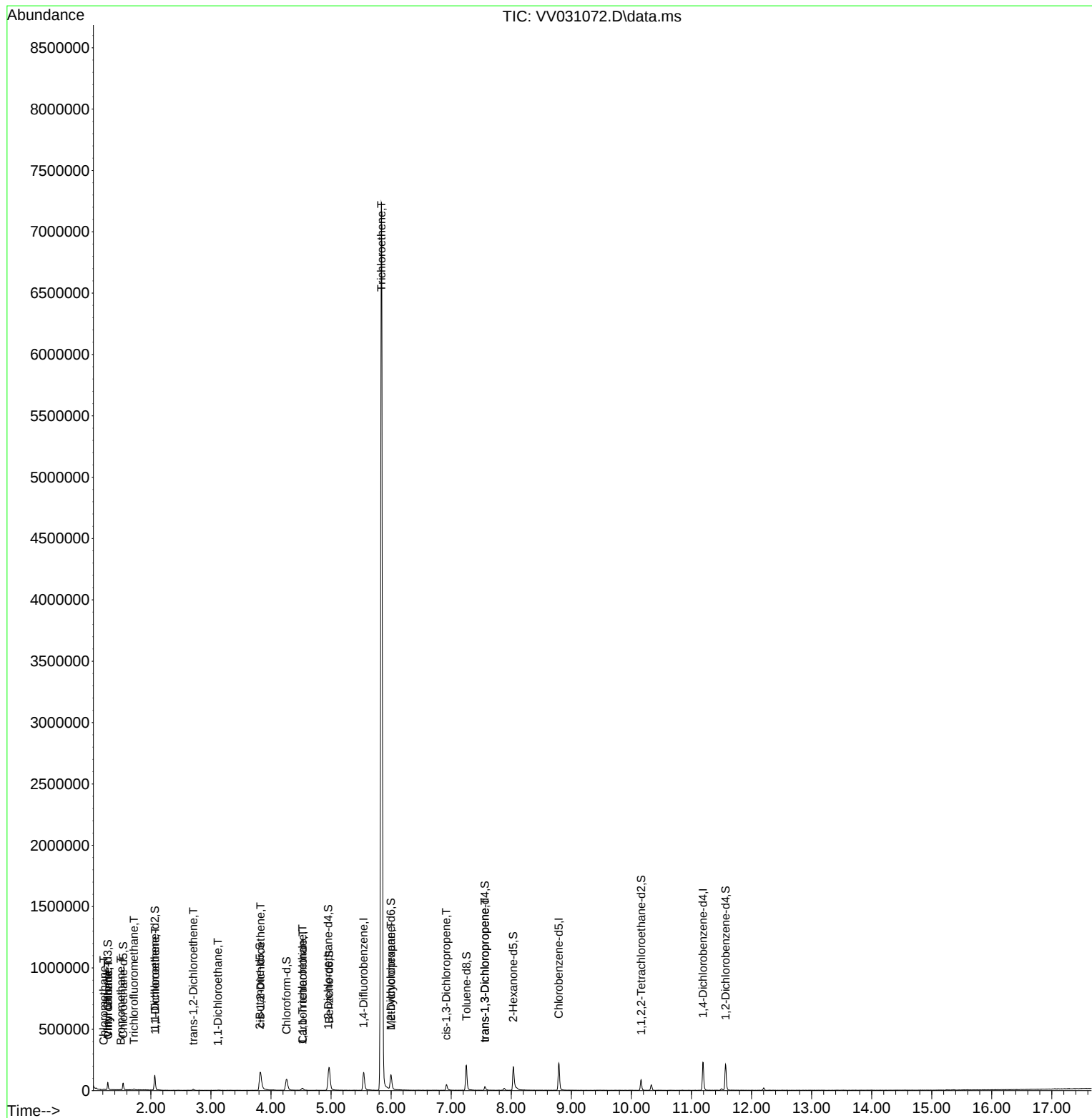
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1937	0.166	ug/L #	77
5) Vinyl chloride	1.285	62	6365	0.653	ug/L	85
6) Bromomethane	1.500	94	459	0.099	ug/L	93
8) Chloroethane	1.288	64	2459	0.415	ug/L	88
9) Trichlorofluoromethane	1.719	101	3185	0.177	ug/L	84
12) 1,1-Dichloroethene	2.073	96	4669	0.552	ug/L #	1
18) trans-1,2-Dichloroethene	2.706	96	3123	0.405	ug/L	88
19) 1,1-Dichloroethane	3.118	63	2070	0.139	ug/L #	76
22) cis-1,2-Dichloroethene	3.825	96	60675	7.450	ug/L	97
29) 1,1,1-Trichloroethane	4.526	97	12388	0.791	ug/L	100
31) Carbon tetrachloride	4.529	117	1748	0.124	ug/L	93
34) Trichloroethene	5.838	95	2303990	275.642	ug/L	97
35) Methylcyclohexane	5.995	83	13061	1.008	ug/L #	17
39) cis-1,3-Dichloropropene	6.918	75	1748	0.157	ug/L	95
44) trans-1,3-Dichloropropene	7.561	75	1232	0.130	ug/L #	74

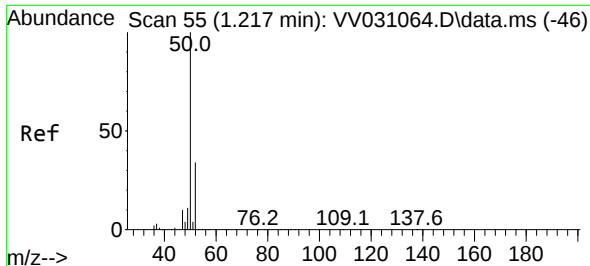
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 18 02:49:54 2023
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Quant Title : TRACE VOA SFAM1.0
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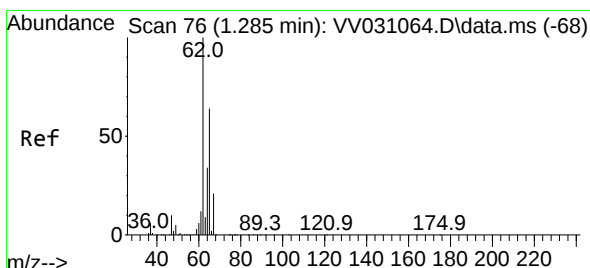
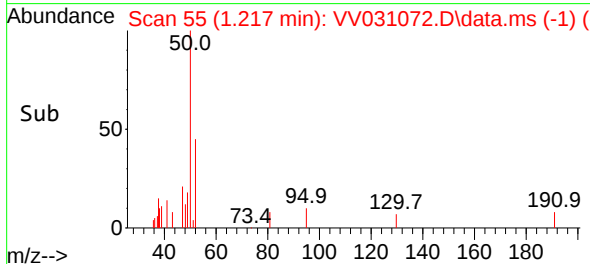
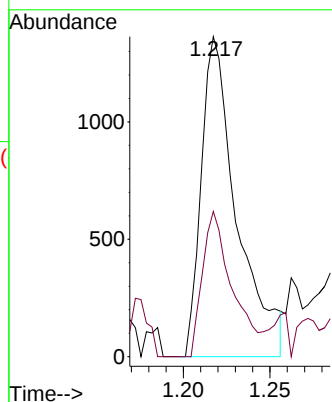
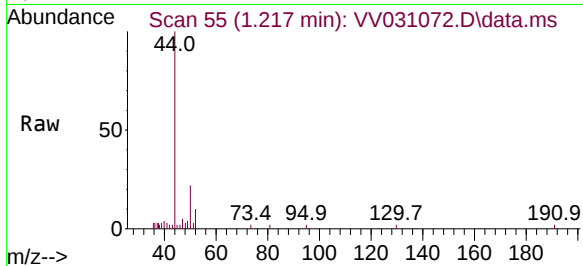




#3
Chloromethane
Concen: 0.166 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

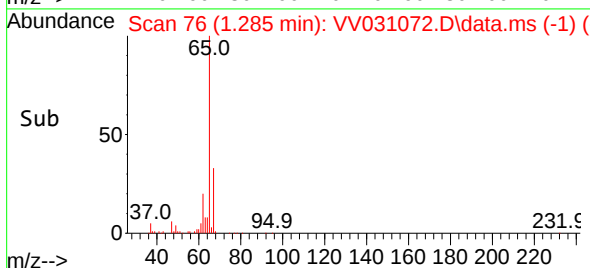
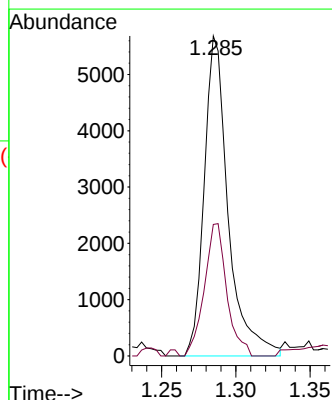
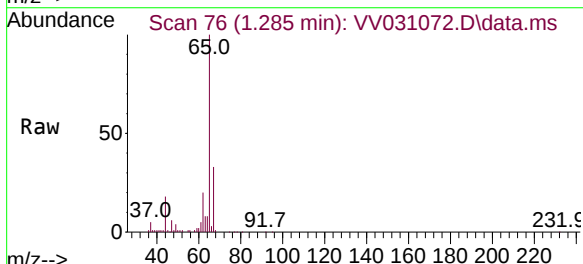
Instrument :
MSVOA_V
ClientSampleId :
CONL4

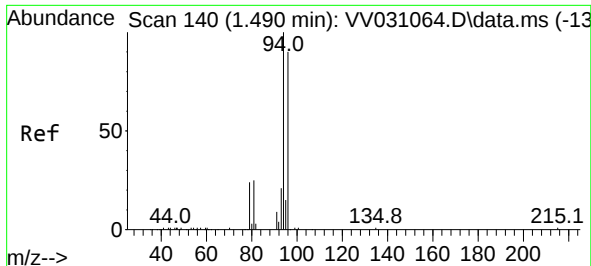
Tgt Ion: 50 Resp: 1937
Ion Ratio Lower Upper
50 100
52 45.4 22.8 42.4#



#5
Vinyl chloride
Concen: 0.653 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

Tgt Ion: 62 Resp: 6365
Ion Ratio Lower Upper
62 100
64 41.1 22.8 42.4

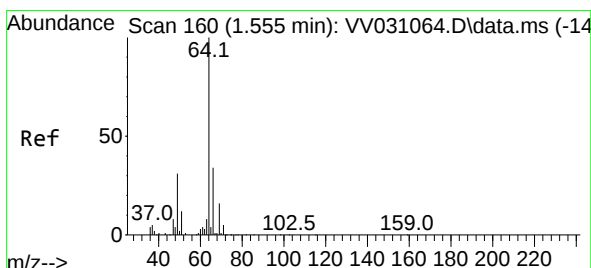
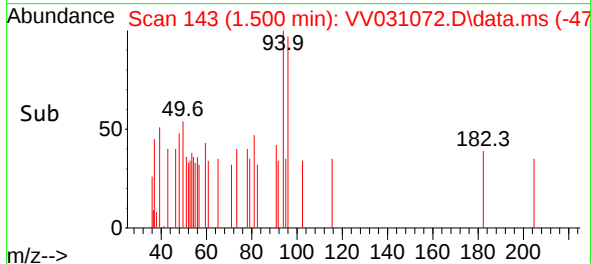
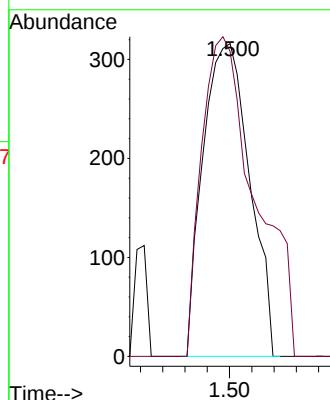
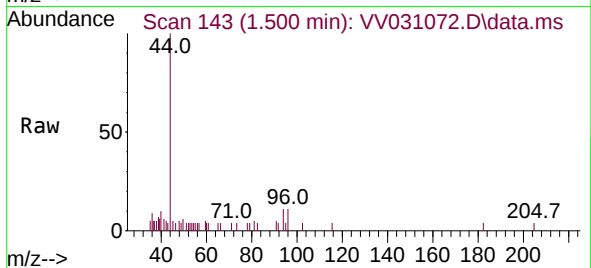




#6
Bromomethane
Concen: 0.099 ug/L
RT: 1.500 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

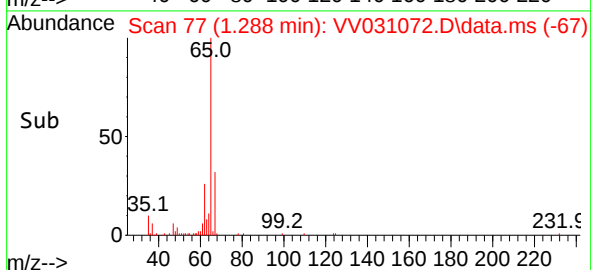
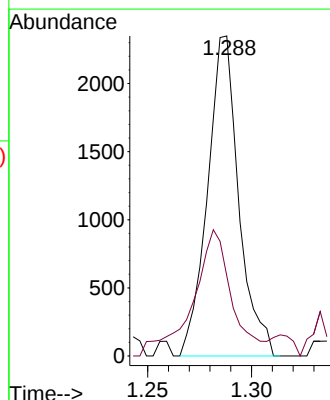
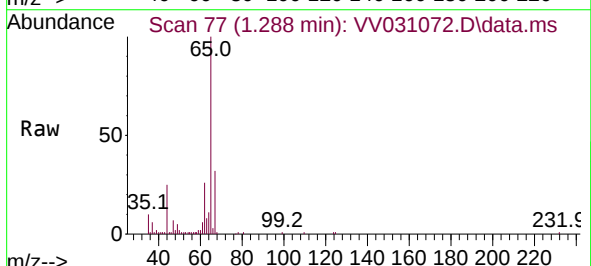
Instrument :
MSVOA_V
ClientSampleId :
CONL4

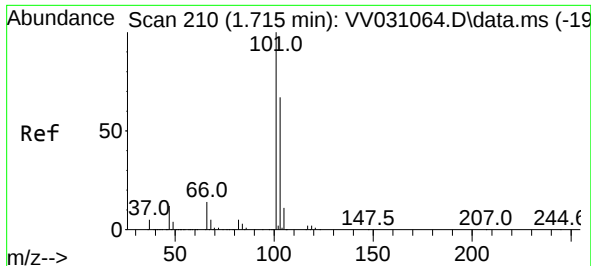
Tgt Ion: 94 Resp: 459
Ion Ratio Lower Upper
94 100
96 97.5 63.4 117.8



#8
Chloroethane
Concen: 0.415 ug/L
RT: 1.288 min Scan# 77
Delta R.T. -0.267 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

Tgt Ion: 64 Resp: 2459
Ion Ratio Lower Upper
64 100
66 25.1 22.1 41.1

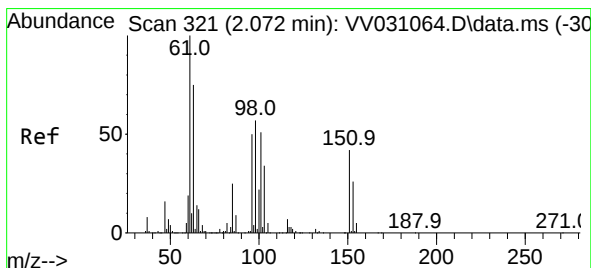
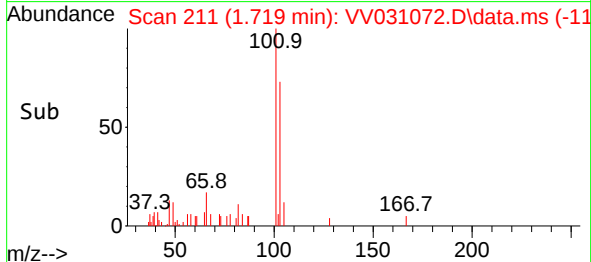
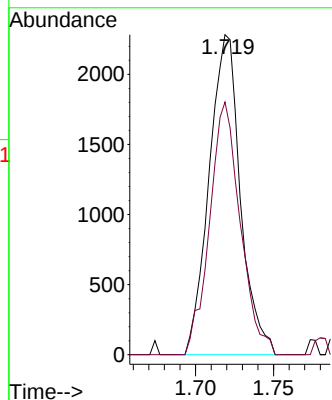
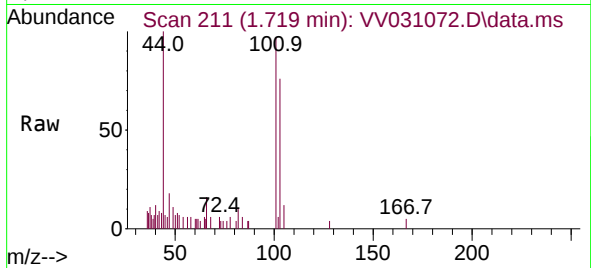




#9
Trichlorofluoromethane
Concen: 0.177 ug/L
RT: 1.719 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

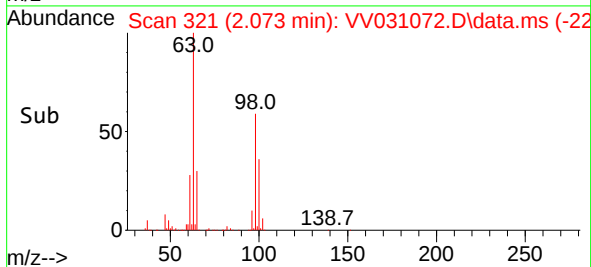
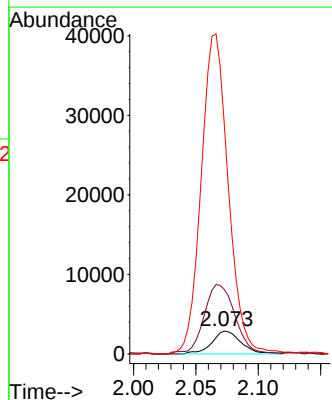
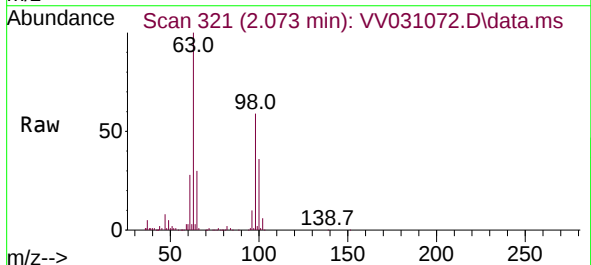
Instrument :
MSVOA_V
ClientSampleId :
CONL4

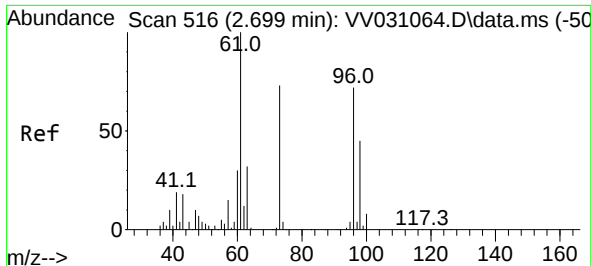
Tgt Ion:101 Resp: 3185
Ion Ratio Lower Upper
101 100
103 77.4 51.8 77.8



#12
1,1-Dichloroethene
Concen: 0.552 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

Tgt Ion: 96 Resp: 4669
Ion Ratio Lower Upper
96 100
61 284.0 135.6 251.8#
63 1023.0 121.1 224.9#

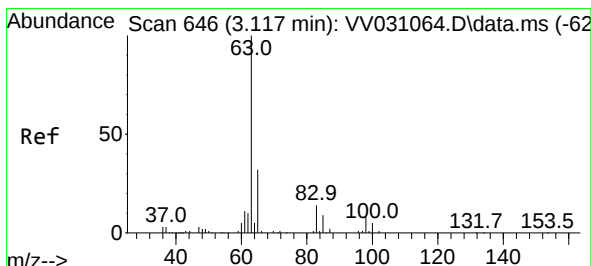
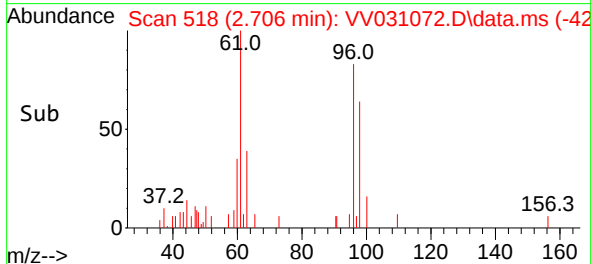
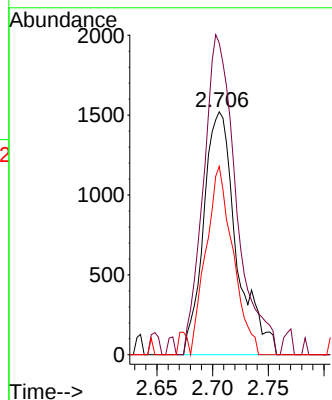
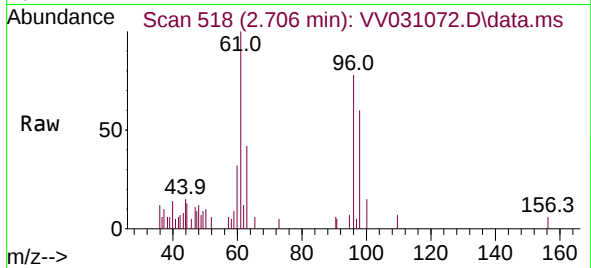




#18
trans-1,2-Dichloroethene
Concen: 0.405 ug/L
RT: 2.706 min Scan# 516
Delta R.T. 0.007 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

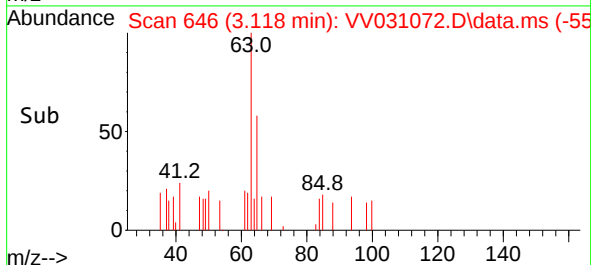
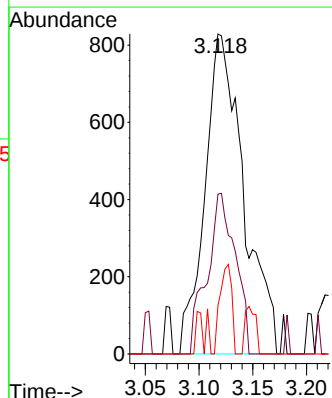
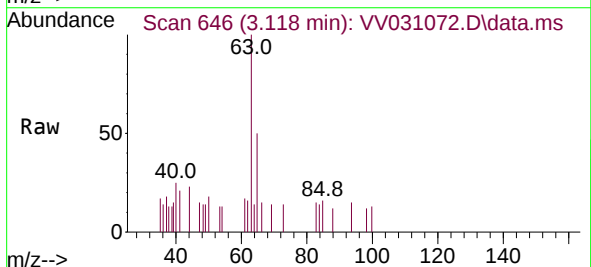
Instrument :
MSVOA_V
ClientSampleId :
CONL4

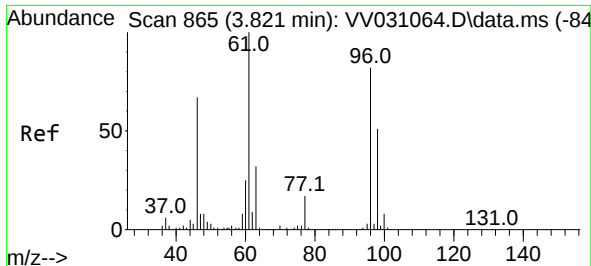
Tgt Ion: 96 Resp: 3123
Ion Ratio Lower Upper
96 100
61 128.3 98.9 183.7
98 77.5 46.0 85.4



#19
1,1-Dichloroethane
Concen: 0.139 ug/L
RT: 3.118 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

Tgt Ion: 63 Resp: 2070
Ion Ratio Lower Upper
63 100
65 49.9 21.8 40.6#
83 15.1 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 7.450 ug/L

RT: 3.825 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV031072.D

Acq: 17 May 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

CONL4

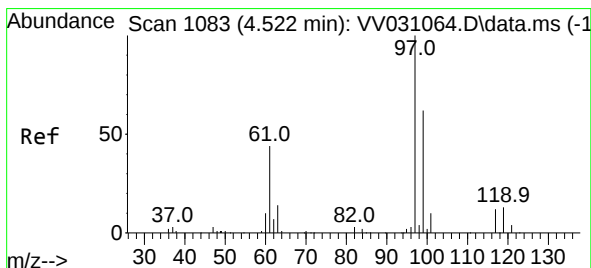
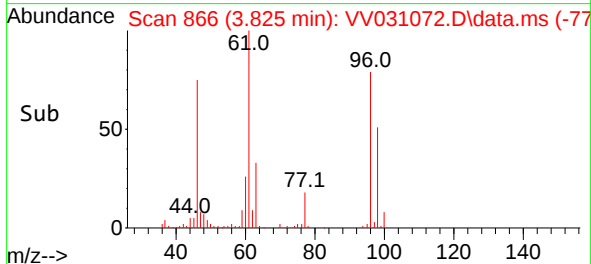
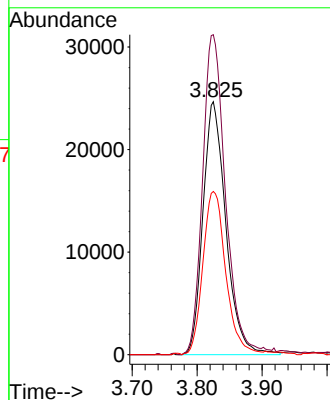
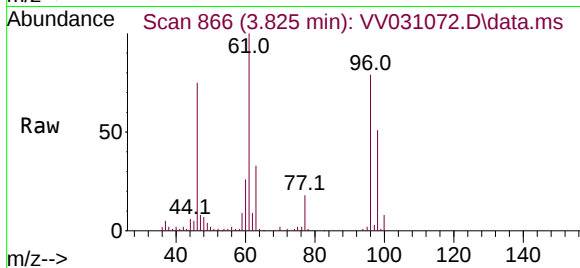
Tgt Ion: 96 Resp: 60675

Ion Ratio Lower Upper

96 100

61 126.5 86.0 159.6

98 64.5 43.2 80.2



#29

1,1,1-Trichloroethane

Concen: 0.791 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.003 min

Lab File: VV031072.D

Acq: 17 May 2023 14:34

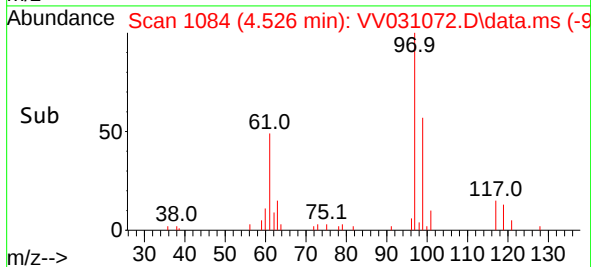
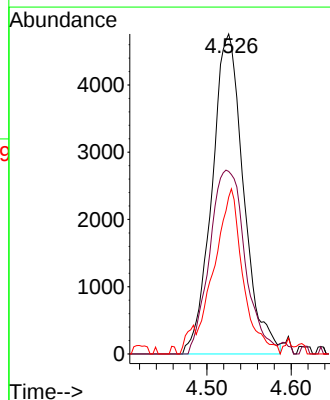
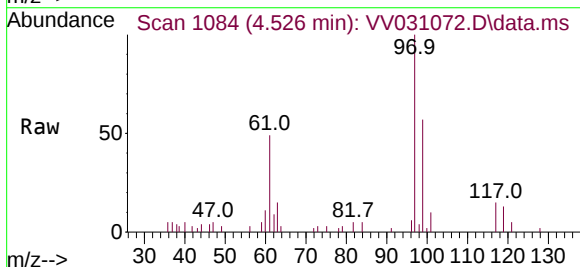
Tgt Ion: 97 Resp: 12388

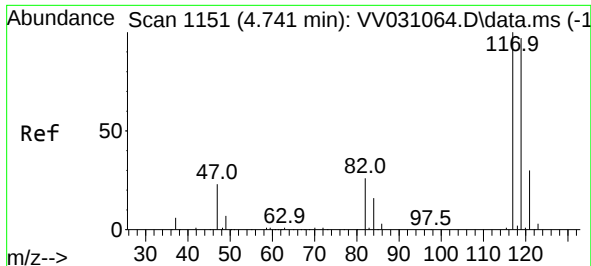
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

61 46.3 37.4 56.0

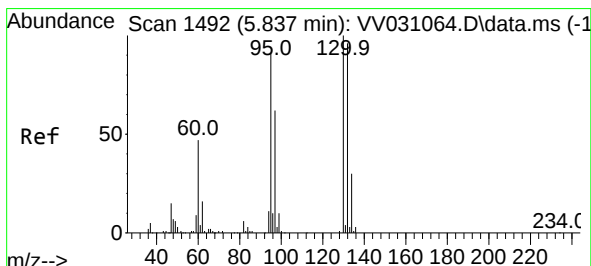
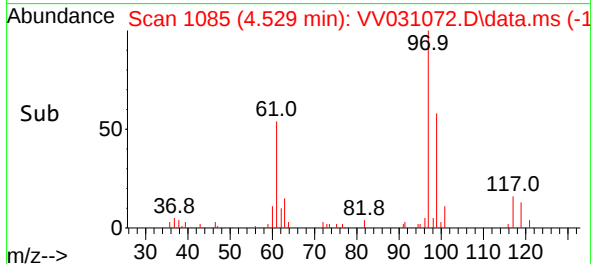
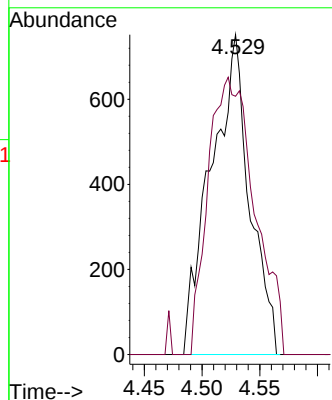
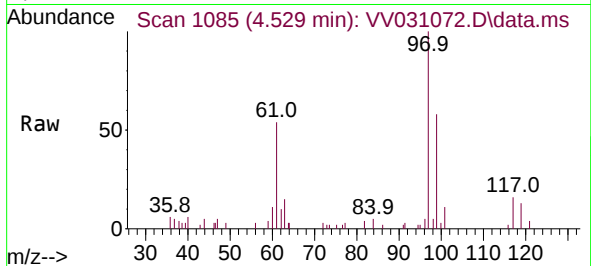




#31
Carbon tetrachloride
Concen: 0.124 ug/L
RT: 4.529 min Scan# 1085
Delta R.T. -0.212 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

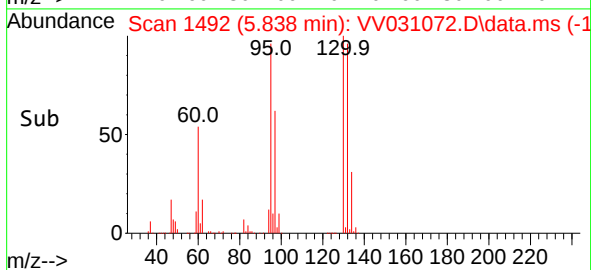
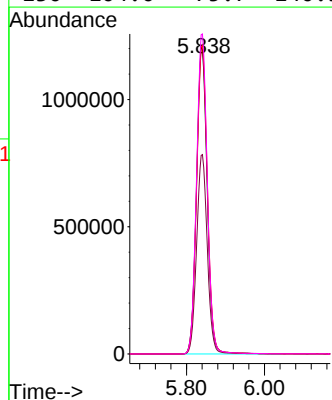
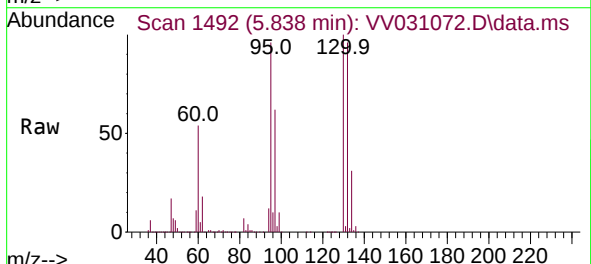
Instrument :
MSVOA_V
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CONL4

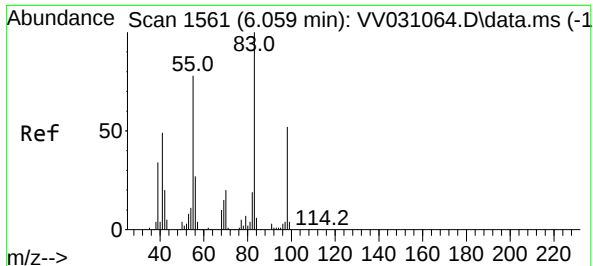
Tgt Ion:117 Resp: 1748
Ion Ratio Lower Upper
117 100
119 105.0 78.4 117.6



#34
Trichloroethene
Concen: 275.642 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

Tgt Ion: 95 Resp: 2303990
Ion Ratio Lower Upper
95 100
97 64.7 46.2 85.8
132 99.8 72.7 135.1
130 104.0 75.7 140.5

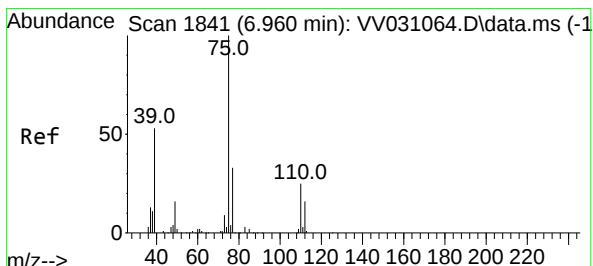
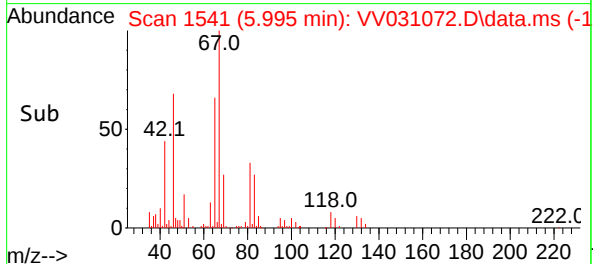
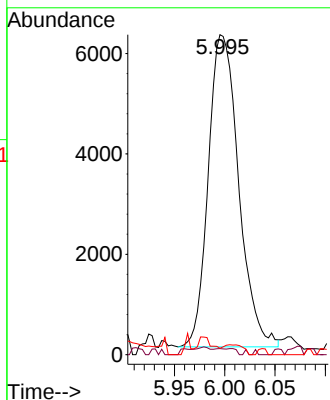
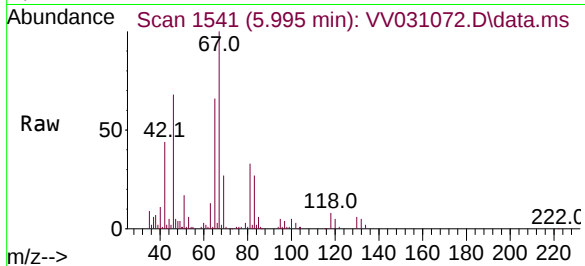




#35
Methylcyclohexane
Concen: 1.008 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

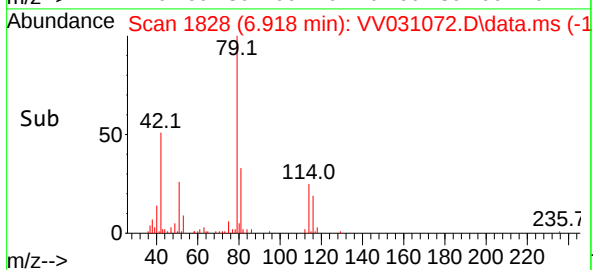
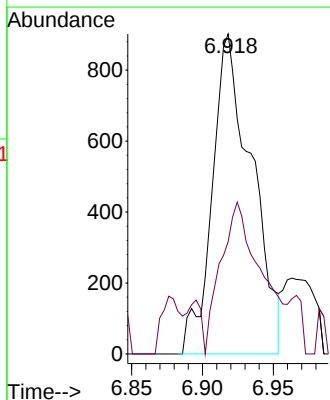
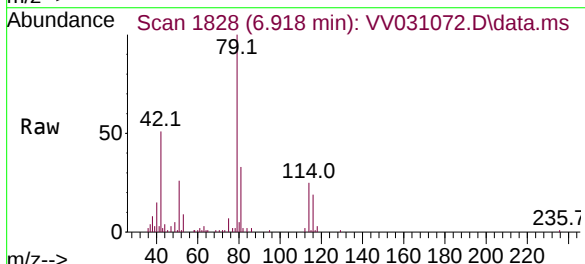
Instrument :
MSVOA_V
ClientSampleId :
CONL4

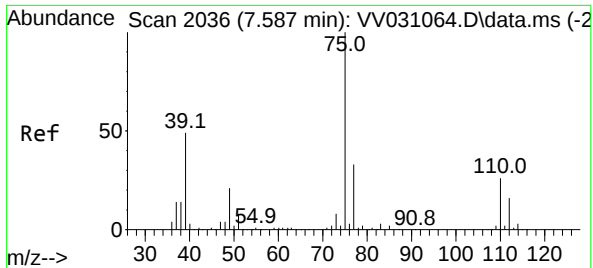
Tgt Ion: 83 Resp: 13061
Ion Ratio Lower Upper
83 100
55 0.3 62.9 94.3#
98 0.0 40.5 60.7#



#39
cis-1,3-Dichloropropene
Concen: 0.157 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.042 min
Lab File: VV031072.D
Acq: 17 May 2023 14:34

Tgt Ion: 75 Resp: 1748
Ion Ratio Lower Upper
75 100
77 35.0 22.6 42.0





#44
 trans-1,3-Dichloropropene
 Concen: 0.130 ug/L
 RT: 7.561 min Scan# 20
 Delta R.T. -0.025 min
 Lab File: VV031072.D
 Acq: 17 May 2023 14:34

Instrument :
 MSVOA_V
 ClientSampleId :
 CONL4

Tgt Ion: 75 Resp: 1232
 Ion Ratio Lower Upper
 75 100
 77 45.3 21.6 40.0#

