

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012323\
 Data File : VW029911.D
 Acq On : 23 Jan 2023 18:30
 Operator : SY/MD
 Sample : 01216-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9F5

Quant Time: Jan 24 01:35:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 24 01:33:02 2023
 Response via : Initial Calibration

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

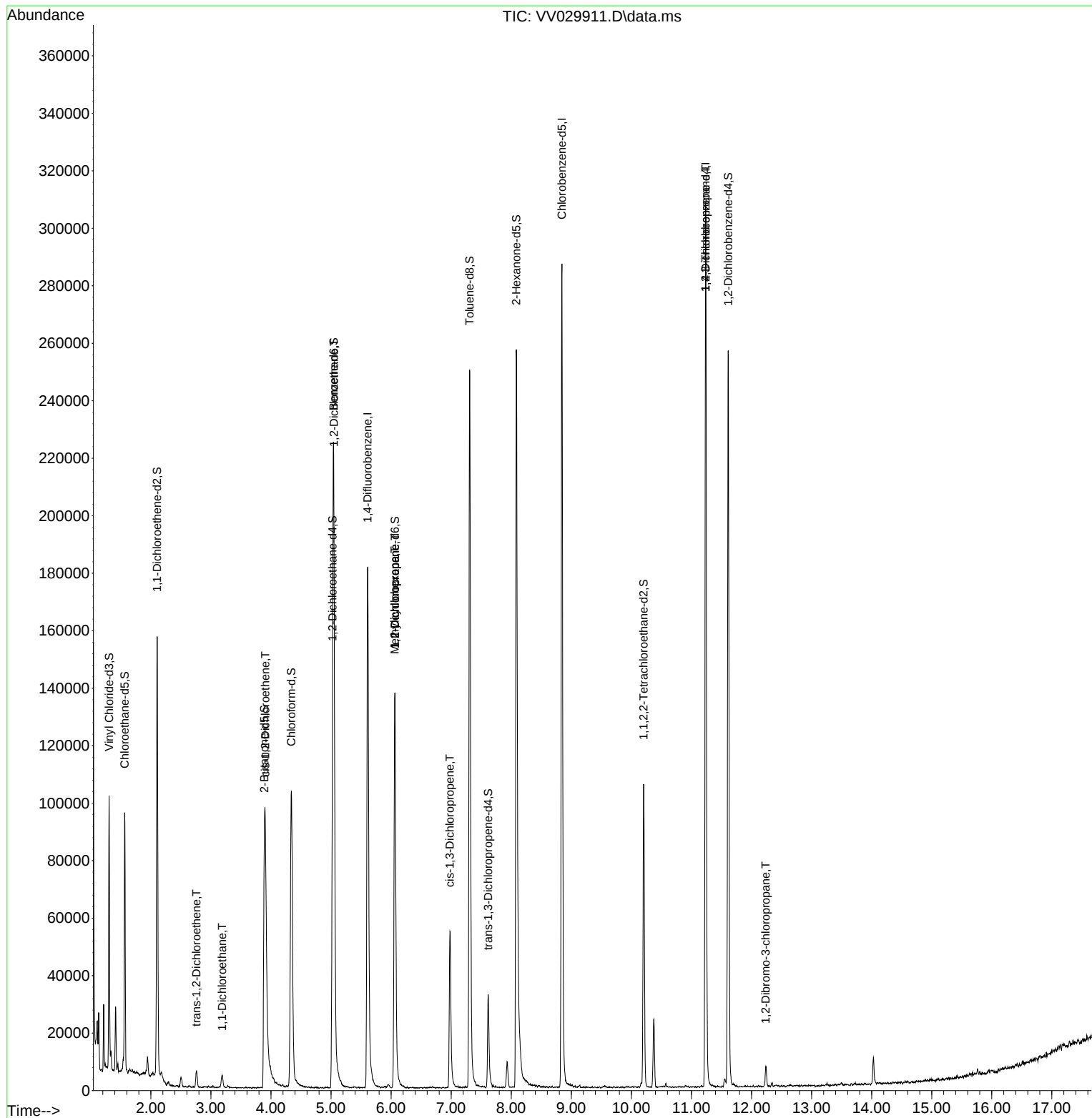
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	168411	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	166726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	83965	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58784	4.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.565	69	56542	5.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.105	63	80281	3.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.889	46	126375	55.818	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.640%
24) Chloroform-d	4.339	84	113341	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.024	65	50569	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.043	84	222715	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.063	67	73640	5.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.307	98	177953	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.616	79	20145	3.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.085	63	97370	45.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.480%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	54204	5.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	69566	4.557	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
18) trans-1,2-Dichloroethene	2.757	96	2167	0.162	ug/L	92
19) 1,1-Dichloroethane	3.188	63	4937	0.221	ug/L	89
22) cis-1,2-Dichloroethene	3.905	96	27574	1.936	ug/L	89
27) 1,2-Dichloroethane	5.047	62	1143	0.097	ug/L #	71
35) Methylcyclohexane	6.060	83	16885	0.716	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	7283	0.564	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1532	0.088	ug/L #	43
61) 1,2,3-Trichloropropane	11.236	75	9957	1.602	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.236	75	325	0.221	ug/L #	1

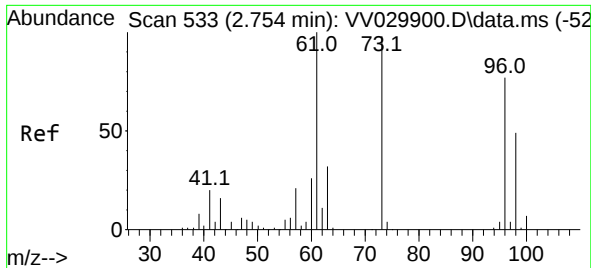
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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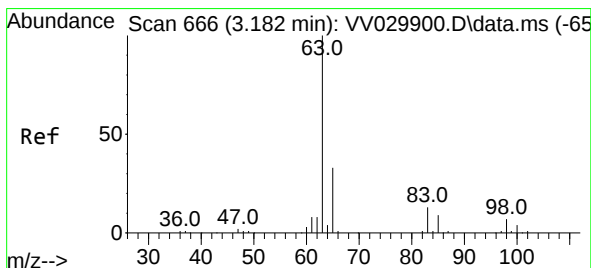
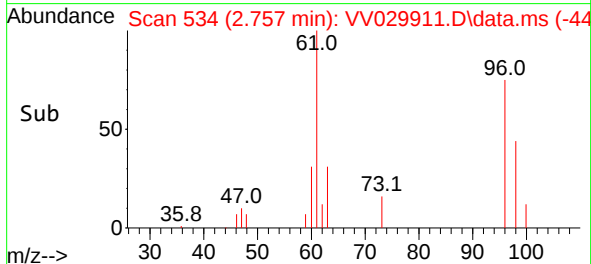
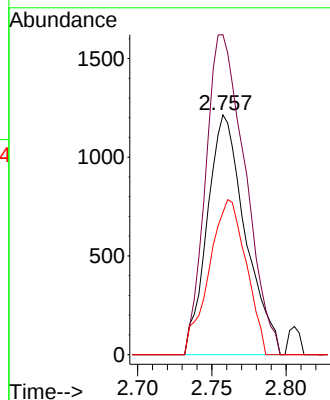
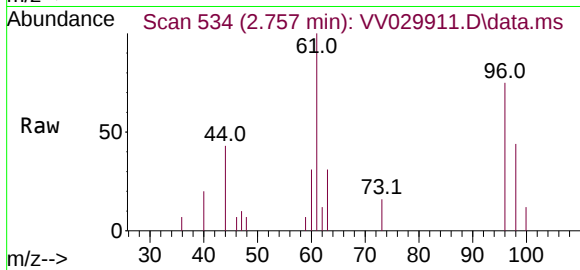




#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV029911.D
Acq: 23 Jan 2023 18:30

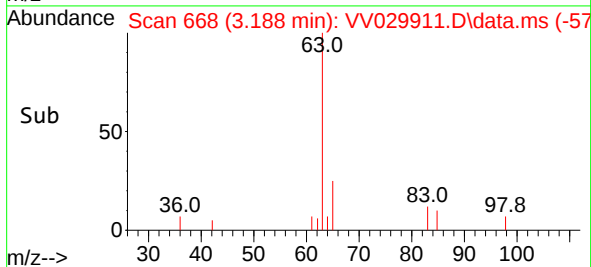
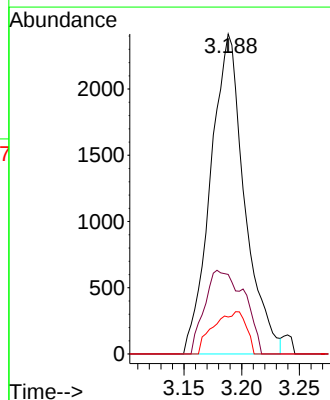
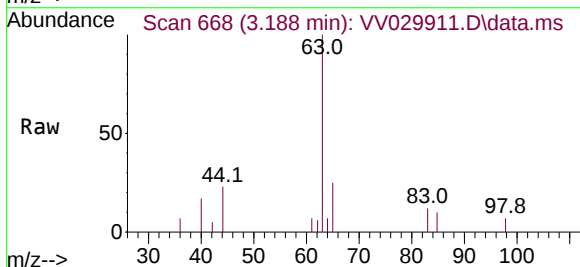
Instrument :
MSVOA_V
ClientSampleId :
EX9F5

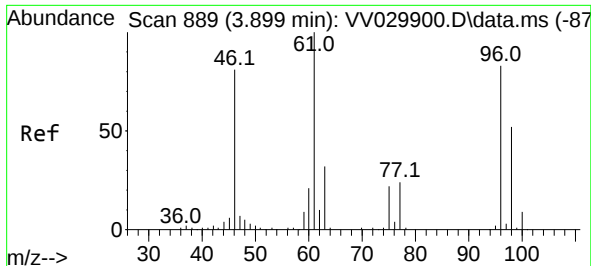
Tgt Ion: 96 Resp: 2167
Ion Ratio Lower Upper
96 100
61 133.4 86.1 159.9
98 59.3 43.9 81.5



#19
1,1-Dichloroethane
Concen: 0.221 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV029911.D
Acq: 23 Jan 2023 18:30

Tgt Ion: 63 Resp: 4937
Ion Ratio Lower Upper
63 100
65 24.9 22.4 41.6
83 11.5 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 1.936 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029911.D

Acq: 23 Jan 2023 18:30

Instrument :

MSVOA_V

ClientSampleId :

EX9F5

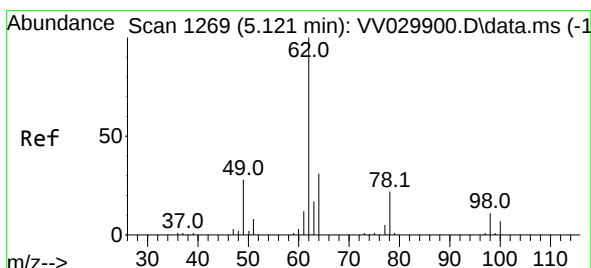
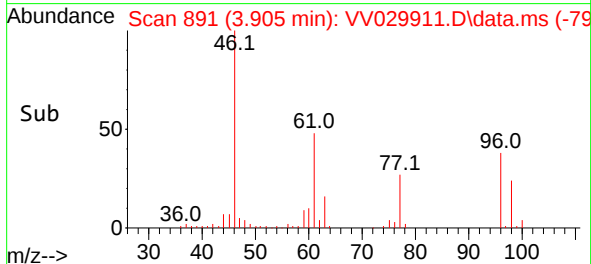
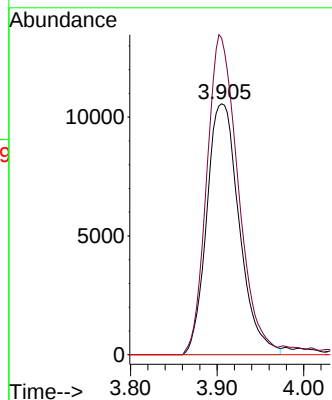
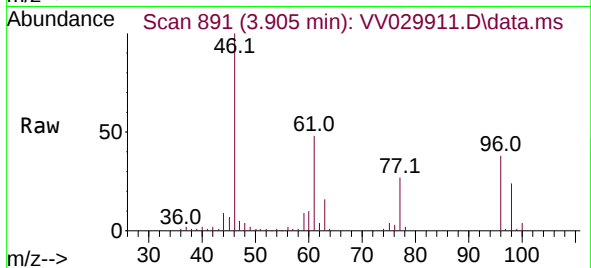
Tgt Ion: 96 Resp: 27574

Ion Ratio Lower Upper

96 100

61 126.2 80.0 148.6

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.074 min

Lab File: VV029911.D

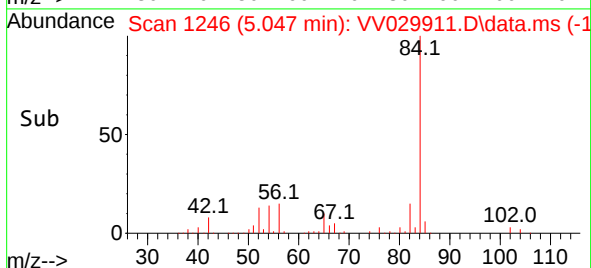
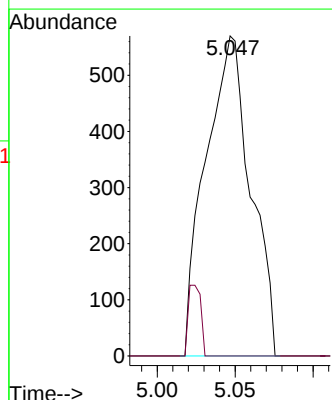
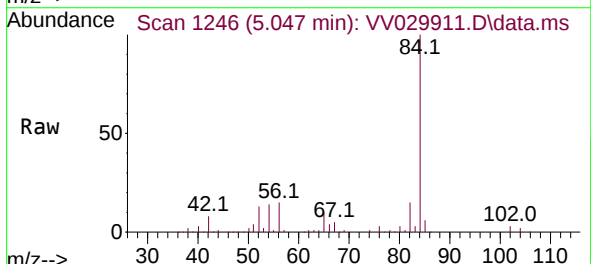
Acq: 23 Jan 2023 18:30

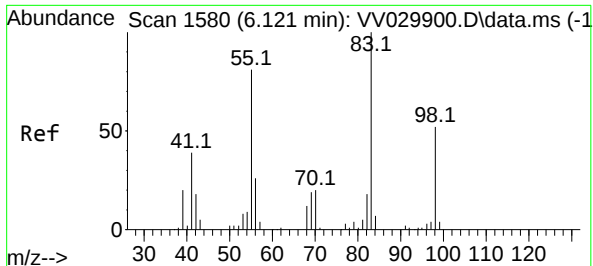
Tgt Ion: 62 Resp: 1143

Ion Ratio Lower Upper

62 100

98 0.0 8.9 13.3#

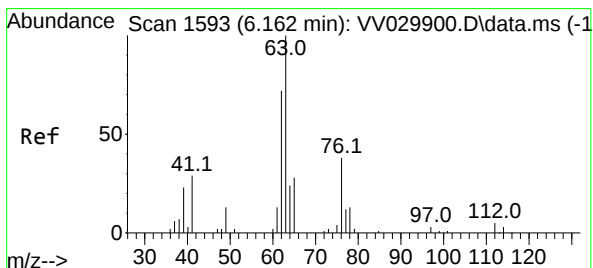
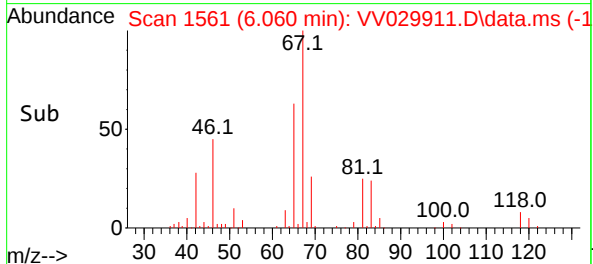
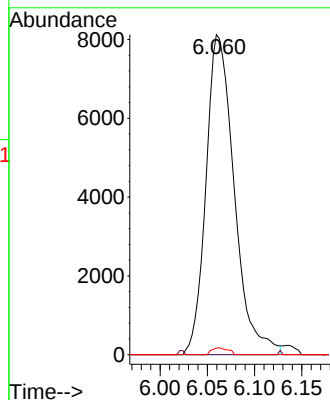
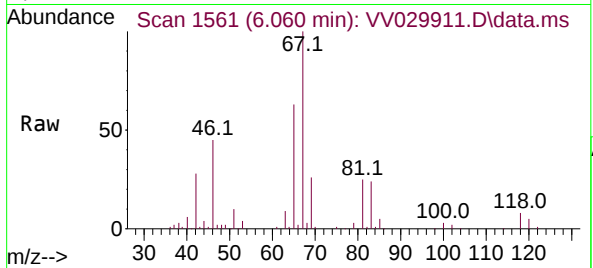




#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029911.D
Acq: 23 Jan 2023 18:30

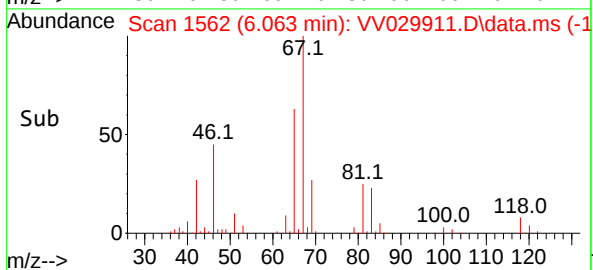
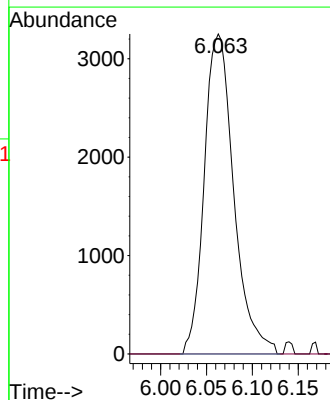
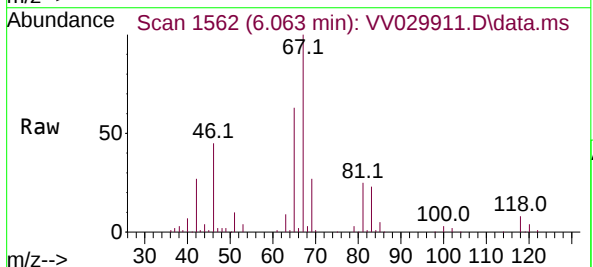
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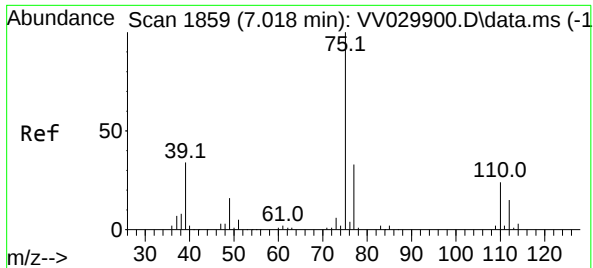
Tgt Ion: 83 Resp: 16885
Ion Ratio Lower Upper
83 100
55 0.2 57.3 85.9#
98 1.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.100 min
Lab File: VV029911.D
Acq: 23 Jan 2023 18:30

Tgt Ion: 63 Resp: 7283
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

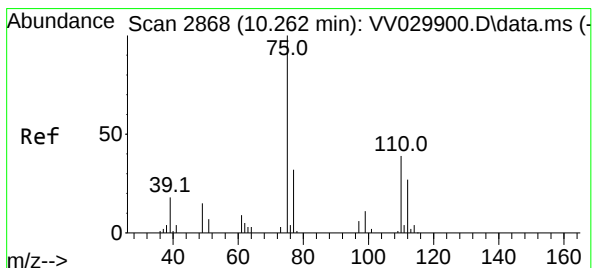
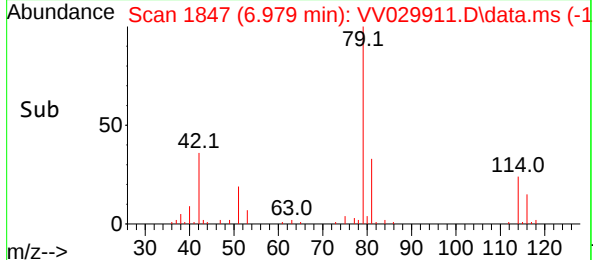
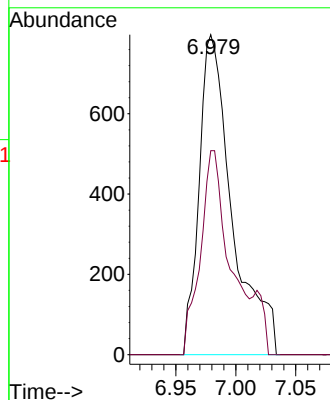
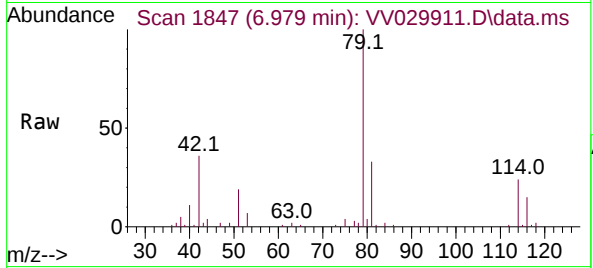




#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.979 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV029911.D
Acq: 23 Jan 2023 18:30

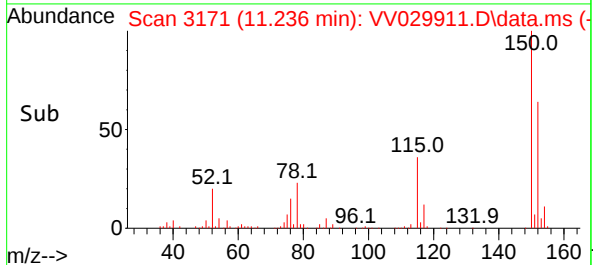
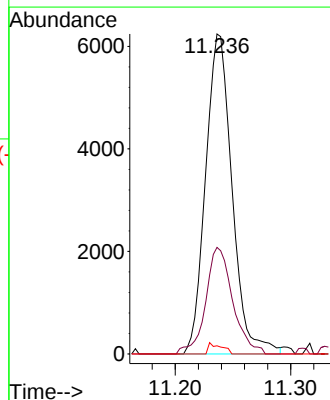
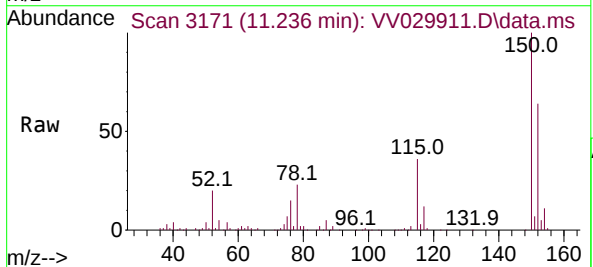
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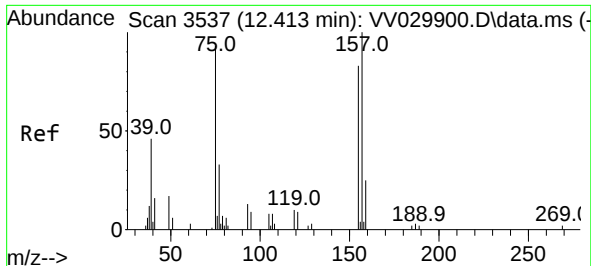
Tgt Ion: 75 Resp: 1532
Ion Ratio Lower Upper
75 100
77 63.7 22.4 41.6#



#61
1,2,3-Trichloropropane
Concen: 1.602 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029911.D
Acq: 23 Jan 2023 18:30

Tgt Ion: 75 Resp: 9957
Ion Ratio Lower Upper
75 100
77 34.0 26.5 39.7
110 1.7 31.8 47.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.221 ug/L

RT: 12.236 min Scan# 34

Delta R.T. -0.177 min

Lab File: VV029911.D

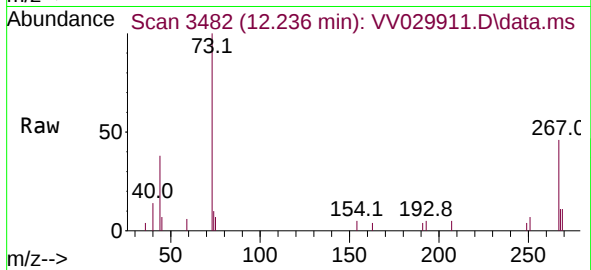
Acq: 23 Jan 2023 18:30

Instrument :

MSVOA_V

ClientSampleId :

EX9F5



Tgt Ion: 75 Resp: 325

Ion Ratio Lower Upper

75 100

155 0.0 75.5 113.3#

157 0.0 99.2 148.8#

