

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029073.D
 Acq On : 17 Nov 2022 19:02
 Operator : SY/MD
 Sample : N5620-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB6

Quant Time: Nov 18 01:44:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

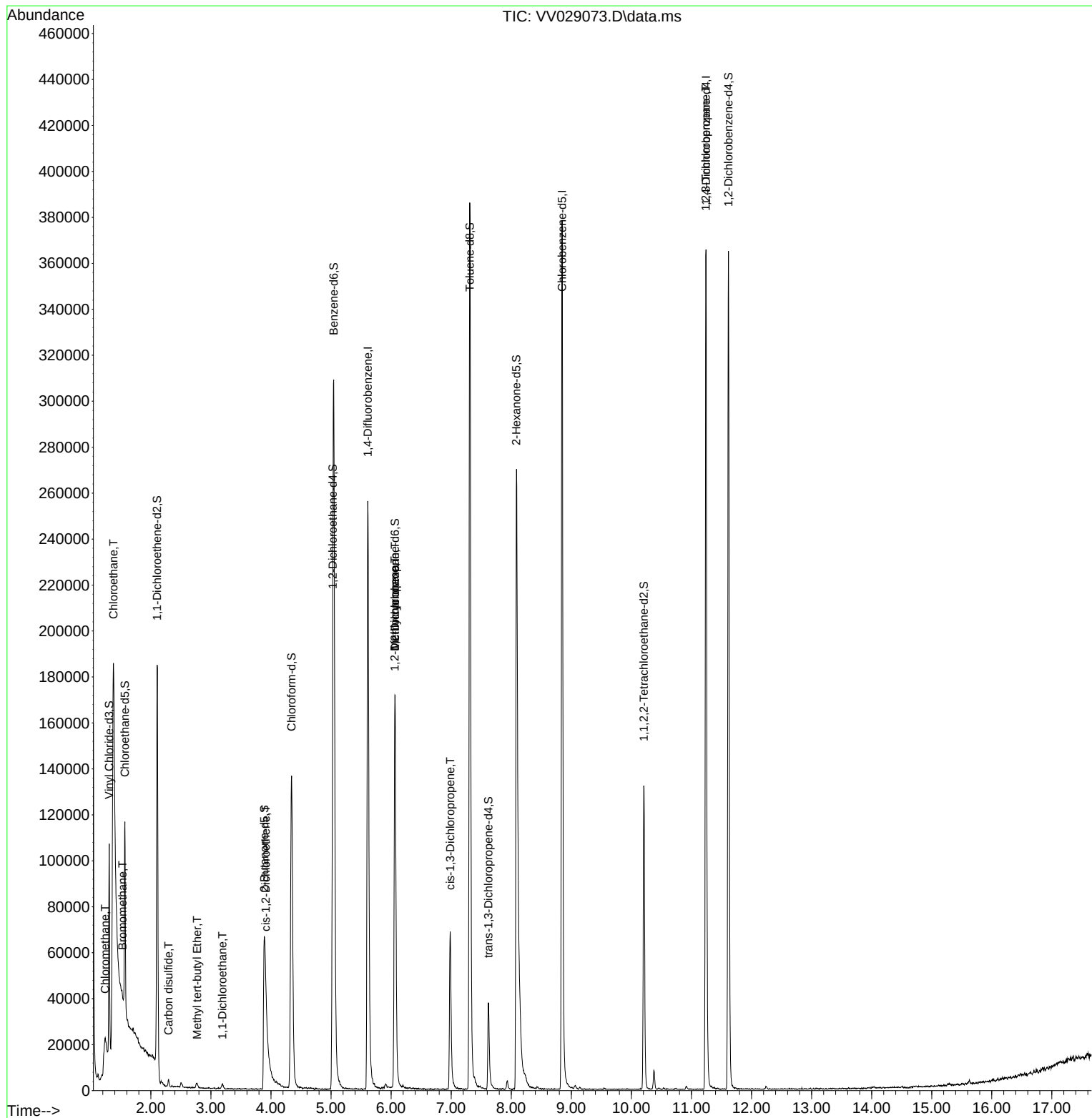
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	249665	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	231400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	107372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63666	4.183	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.568	69	52864	3.951	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.105	63	86168	3.106	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.200%	
20) 2-Butanone-d5	3.889	46	151389	59.417	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.840%	
24) Chloroform-d	4.343	84	150577	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.027	65	71558	5.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.043	84	306837	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.066	67	89406	4.636	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.310	98	283007	4.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.619	79	24911	3.960	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.085	63	116496	43.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.780%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67016	5.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.616	152	105497	5.492	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2170	0.126	ug/L	92
6) Bromomethane	1.526	94	527	0.045	ug/L	78
8) Chloroethane	1.378	64	487937	42.144	ug/L #	52
14) Carbon disulfide	2.294	76	3872	0.072	ug/L #	94
17) Methyl tert-butyl Ether	2.770	73	2415	0.075	ug/L #	81
19) 1,1-Dichloroethane	3.191	63	2357	0.082	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	1441	0.081	ug/L	82
35) Methylcyclohexane	6.063	83	22558	0.709	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	9440	0.579	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1795	0.079	ug/L #	70
61) 1,2,3-Trichloropropane	11.239	75	10912	1.487	ug/L #	66

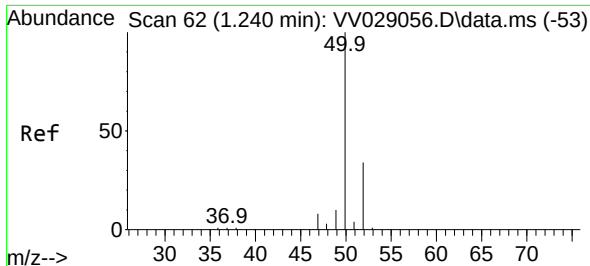
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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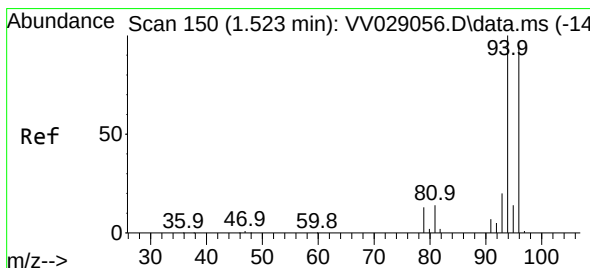
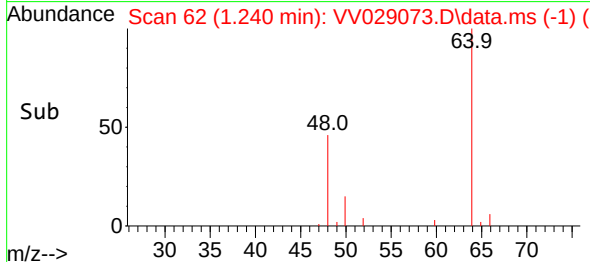
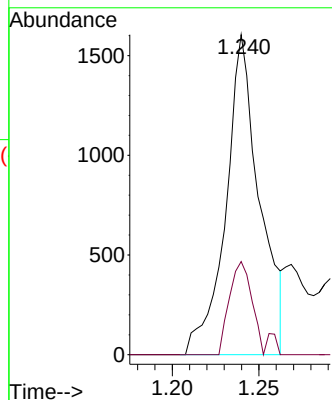
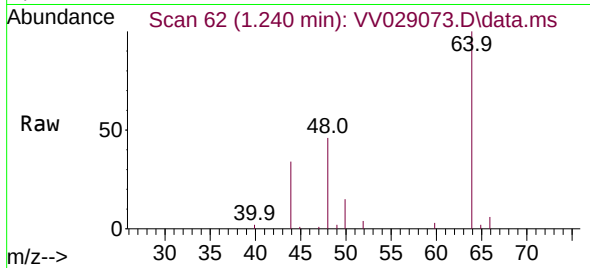




#3
Chloromethane
Concen: 0.126 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029073.D
Acq: 17 Nov 2022 19:02

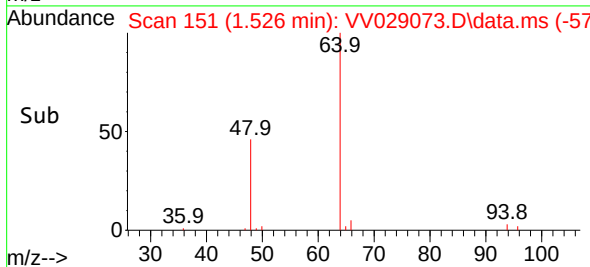
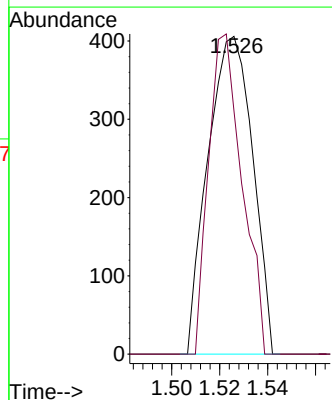
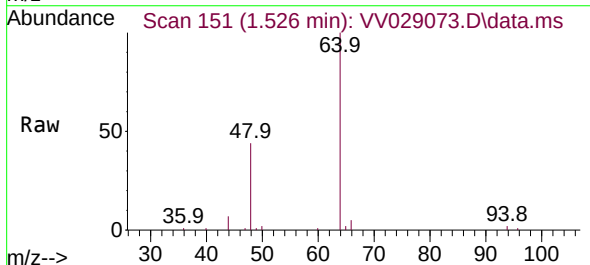
Instrument :
MSVOA_V
ClientSampleId :
BGCB6

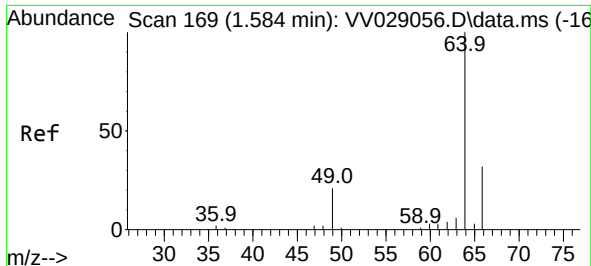
Tgt Ion: 50 Resp: 2170
Ion Ratio Lower Upper
50 100
52 29.1 23.7 43.9



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV029073.D
Acq: 17 Nov 2022 19:02

Tgt Ion: 94 Resp: 527
Ion Ratio Lower Upper
94 100
96 76.6 68.5 127.3

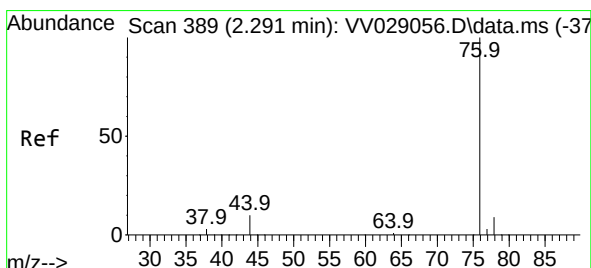
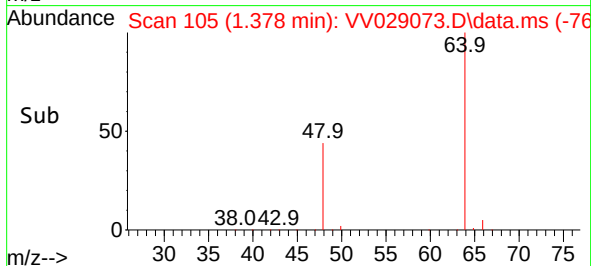
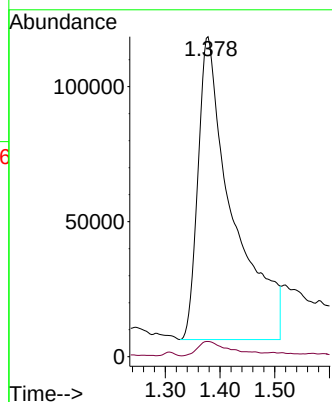
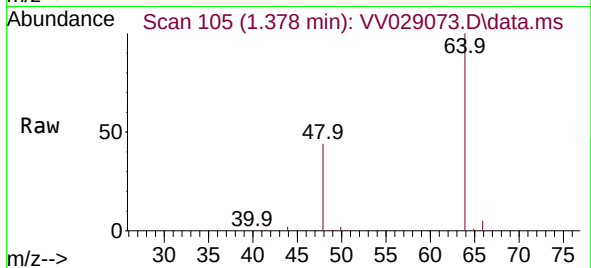




#8
Chloroethane
Concen: 42.144 ug/L
RT: 1.378 min Scan# 105
Delta R.T. -0.206 min
Lab File: VV029073.D
Acq: 17 Nov 2022 19:02

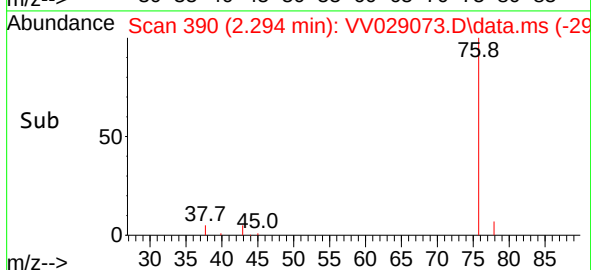
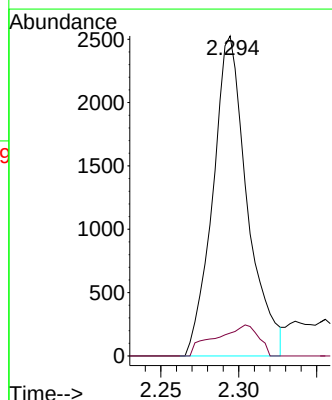
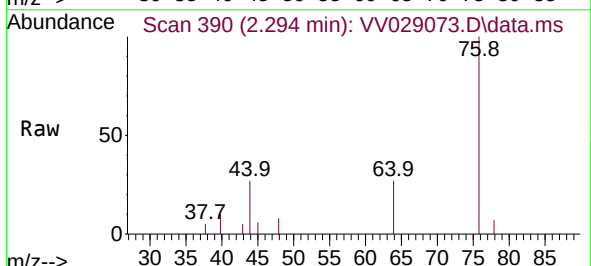
Instrument :
MSVOA_V
ClientSampleId :
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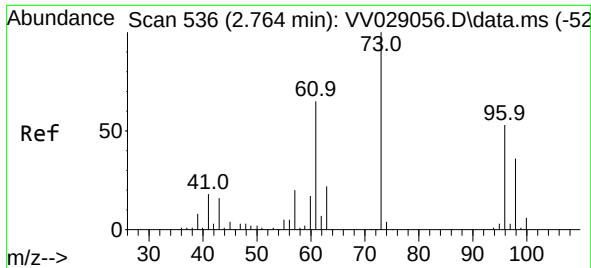
Tgt Ion: 64 Resp: 487937
Ion Ratio Lower Upper
64 100
66 4.7 22.0 40.8#



#14
Carbon disulfide
Concen: 0.072 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV029073.D
Acq: 17 Nov 2022 19:02

Tgt Ion: 76 Resp: 3872
Ion Ratio Lower Upper
76 100
78 7.1 7.4 11.2#

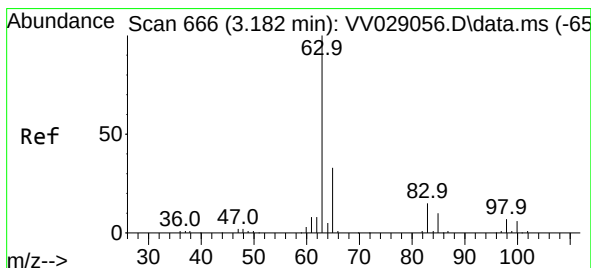
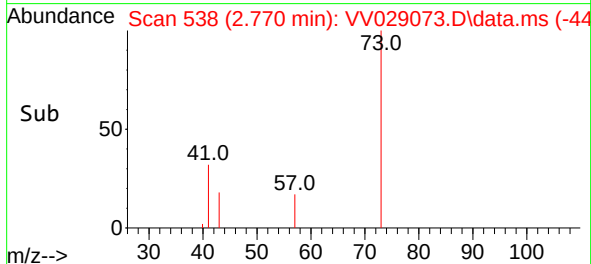
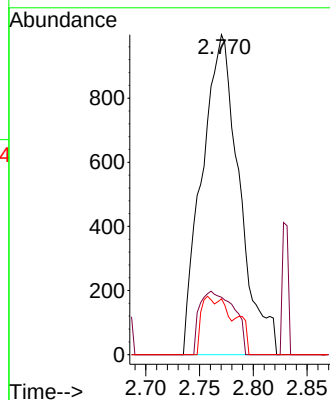
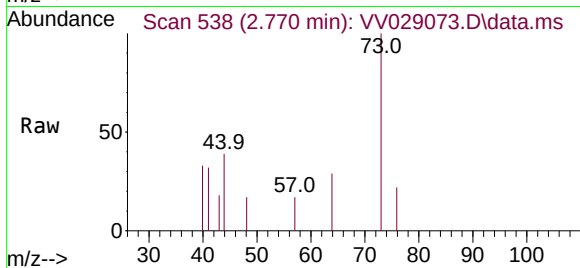




#17
Methyl tert-butyl Ether
Concen: 0.075 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029073.D
Acq: 17 Nov 2022 19:02

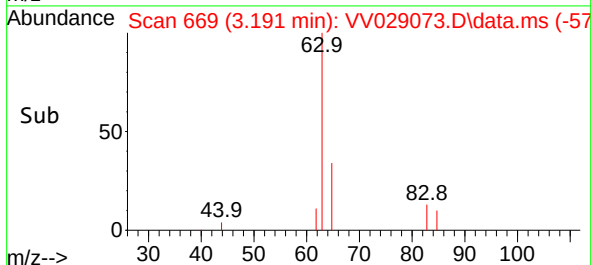
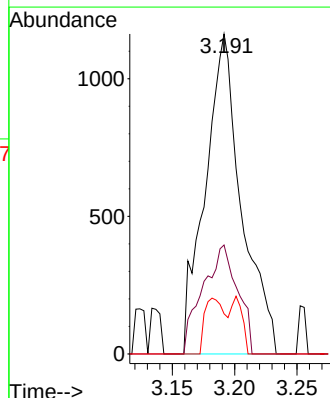
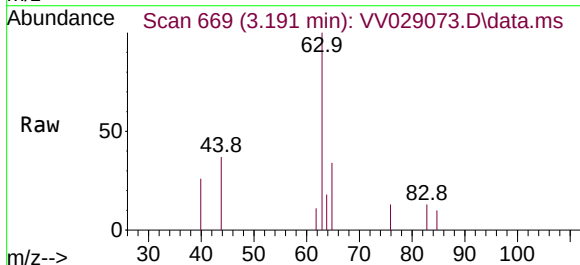
Instrument :
MSVOA_V
ClientSampleId :
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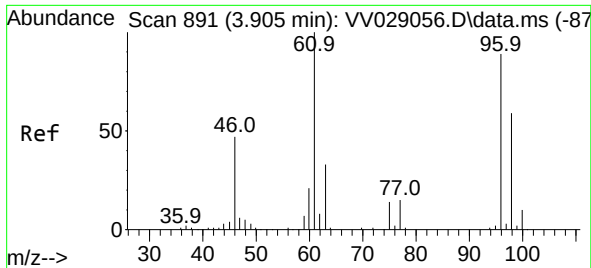
Tgt Ion: 73 Resp: 2415
Ion Ratio Lower Upper
73 100
43 18.2 13.0 19.4
57 6.5 16.6 24.8#



#19
1,1-Dichloroethane
Concen: 0.082 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.010 min
Lab File: VV029073.D
Acq: 17 Nov 2022 19:02

Tgt Ion: 63 Resp: 2357
Ion Ratio Lower Upper
63 100
65 29.0 23.0 42.6
83 10.7 9.4 17.6

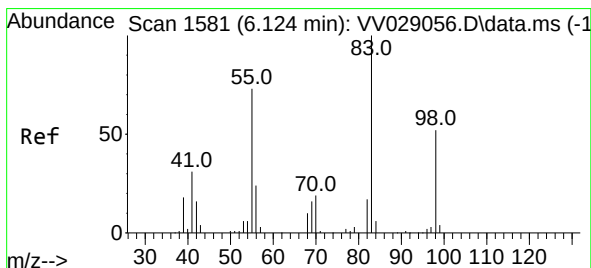
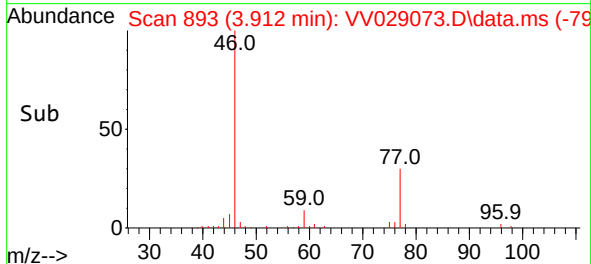
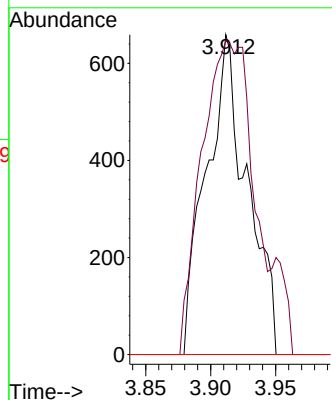
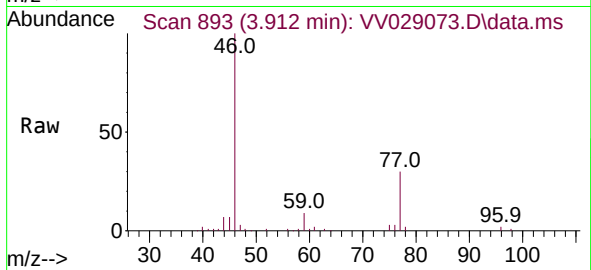




#22
 cis-1,2-Dichloroethene
 Concen: 0.081 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV029073.D
 Acq: 17 Nov 2022 19:02

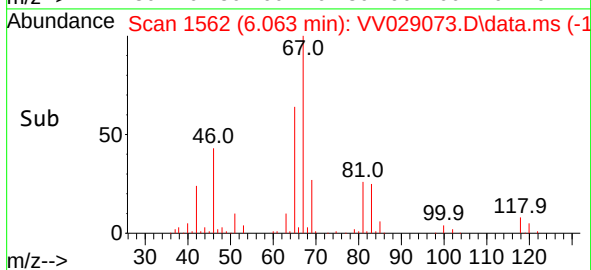
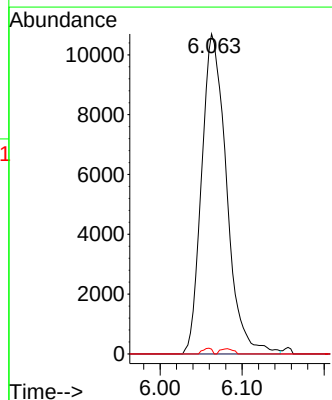
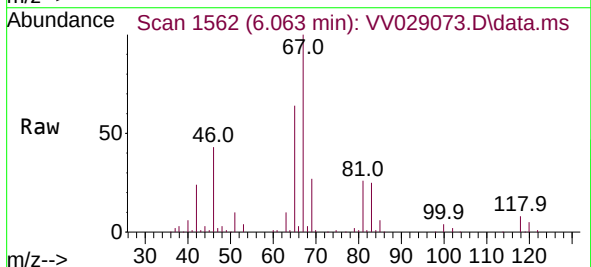
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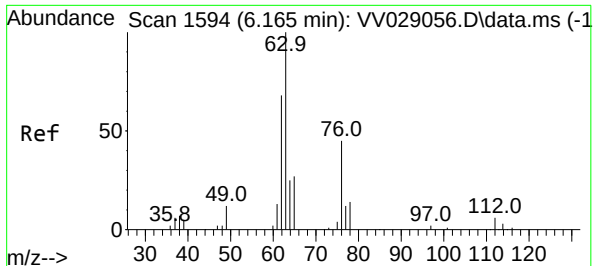
Tgt Ion: 96 Resp: 1441
 Ion Ratio Lower Upper
 96 100
 61 98.0 82.3 152.9
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.709 ug/L
 RT: 6.063 min Scan# 1562
 Delta R.T. -0.061 min
 Lab File: VV029073.D
 Acq: 17 Nov 2022 19:02

Tgt Ion: 83 Resp: 22558
 Ion Ratio Lower Upper
 83 100
 55 0.0 55.8 83.6#
 98 0.7 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.059 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV029073.D

Acq: 17 Nov 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

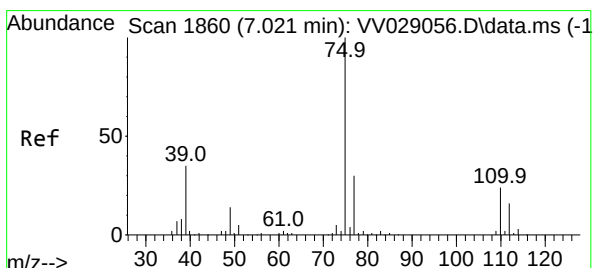
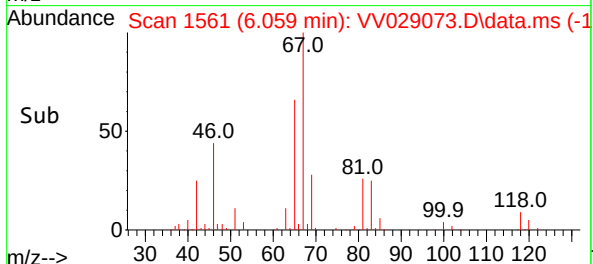
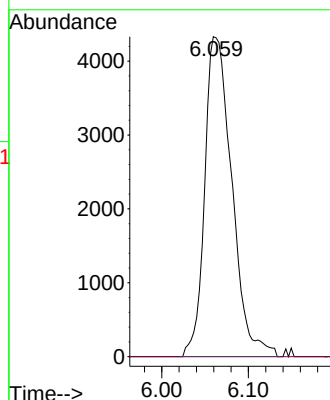
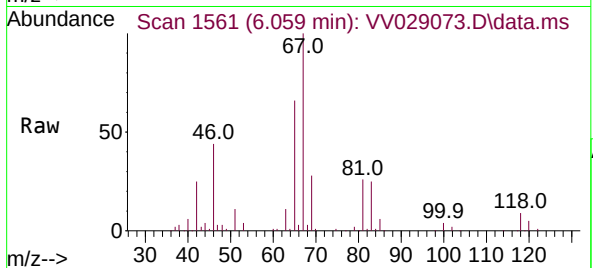
BGCB6

Tgt Ion: 63 Resp: 9440

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV029073.D

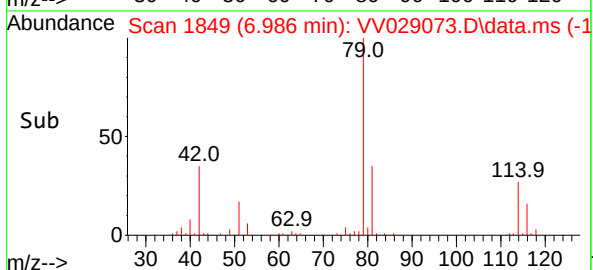
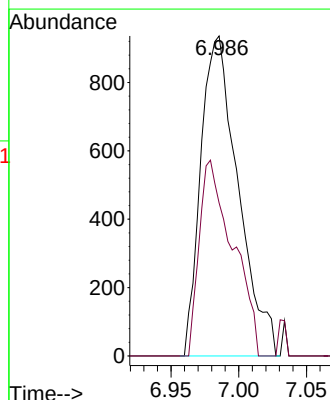
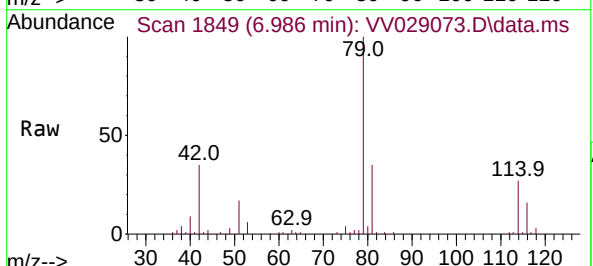
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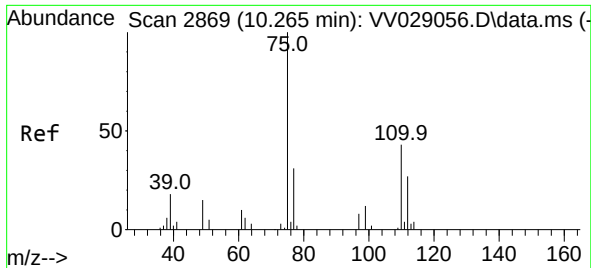
Tgt Ion: 75 Resp: 1795

Ion Ratio Lower Upper

75 100

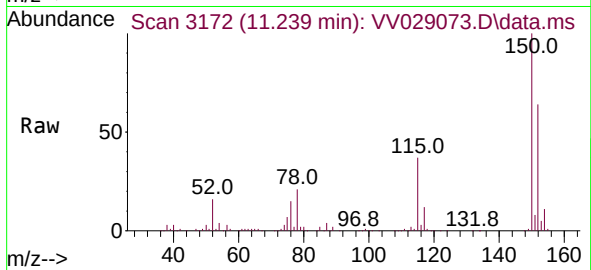
77 47.9 21.8 40.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.487 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029073.D
 Acq: 17 Nov 2022 19:02

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB6



Tgt Ion: 75 Resp: 10912
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.2 39.2
 110 2.7 32.6 48.8#

