

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029874.D
 Acq On : 16 Jan 2023 14:08
 Operator : SY/MD
 Sample : 01168-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Z3

Quant Time: Jan 17 00:38:17 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)

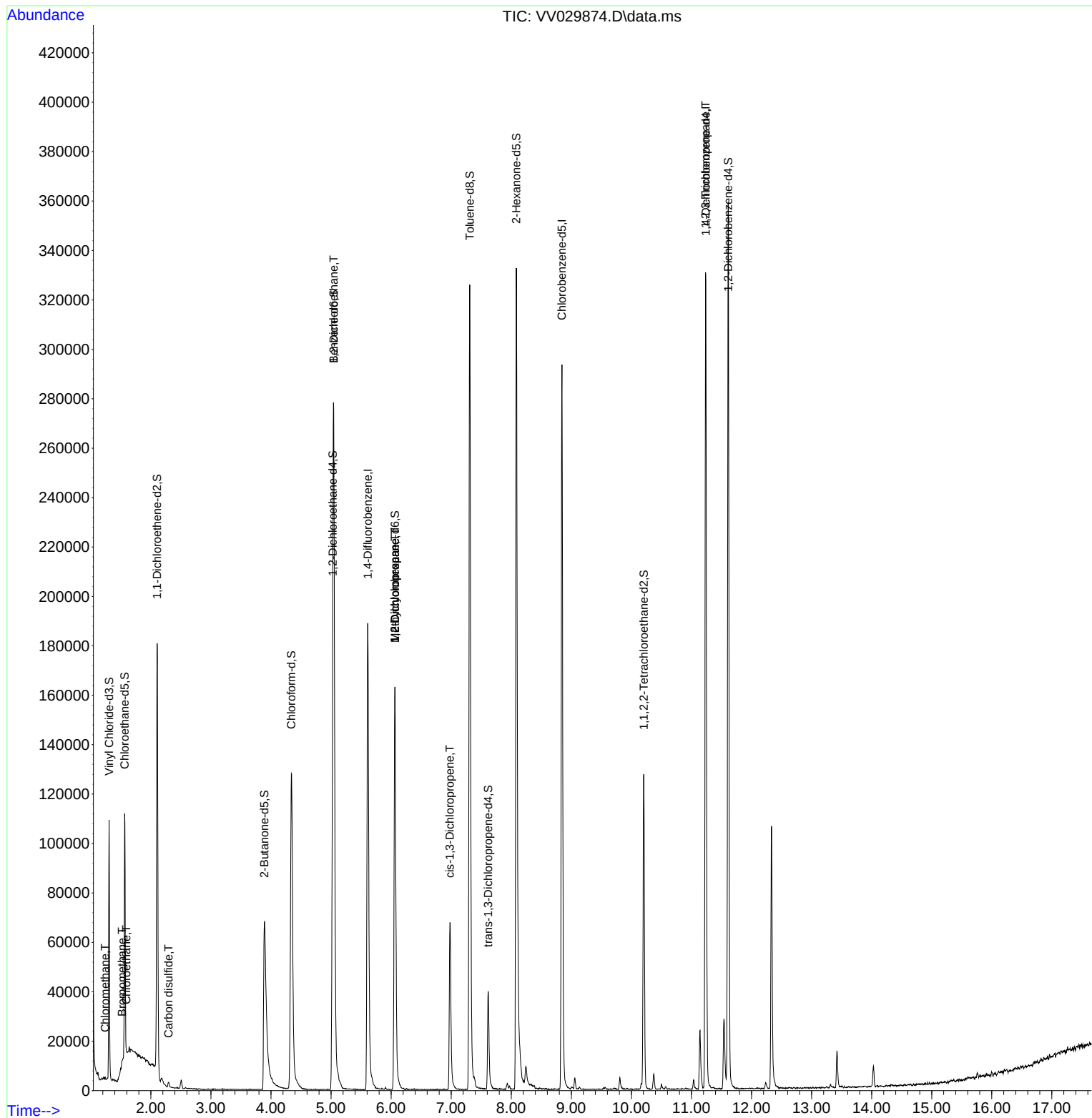
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	182568	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	177241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	94937	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63929	4.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.564	69	61502	5.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.105	63	87354	3.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.889	46	133911	54.560	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.120%
24) Chloroform-d	4.339	84	137257	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	5.027	65	61343	5.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.043	84	281008	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.063	67	86738	5.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.310	98	239437	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.616	79	25660	4.566	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.085	63	131968	57.683	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.360%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65028	5.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	96987	5.619	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	786	0.044	ug/L	97
6) Bromomethane	1.519	94	400	0.047	ug/L	85
8) Chloroethane	1.590	64	3141	0.295	ug/L #	51
14) Carbon disulfide	2.294	76	3104	0.069	ug/L #	87
27) 1,2-Dichloroethane	5.043	62	1360	0.106	ug/L #	71
35) Methylcyclohexane	6.063	83	21251	0.848	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	8720	0.635	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1902	0.103	ug/L #	57
61) 1,2,3-Trichloropropane	11.236	75	10714	1.524	ug/L #	63

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

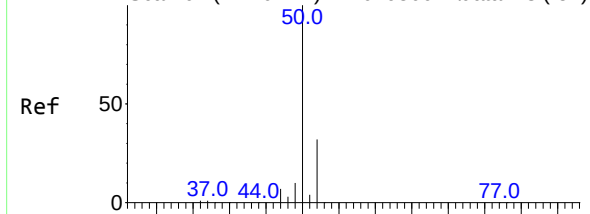
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029874.D
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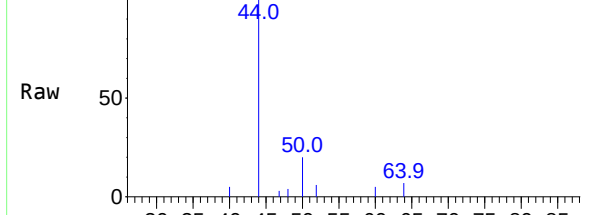


Abundance Scan 62 (1.240 min): VV029866.D\data.ms (-54)



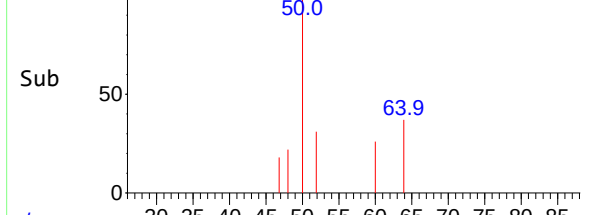
m/z-->

Abundance Scan 62 (1.240 min): VV029874.D\data.ms



m/z-->

Abundance Scan 62 (1.240 min): VV029874.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: 0.044 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV029874.D

Acq: 16 Jan 2023 14:08

Instrument :

MSVOA_V

ClientSampleId :

BH1Z3

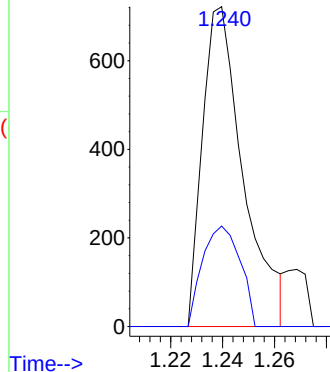
Tgt Ion: 50 Resp: 786

Ion Ratio Lower Upper

50 100

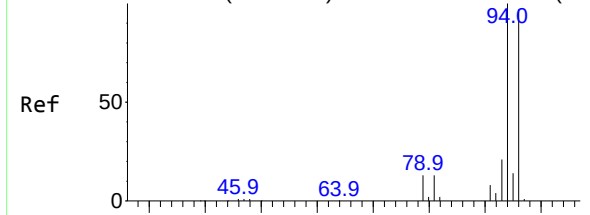
52 31.4 23.1 42.9

Abundance



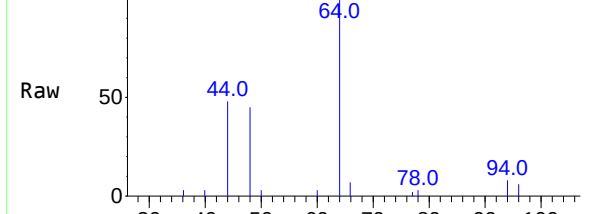
Time-->

Abundance Scan 149 (1.519 min): VV029866.D\data.ms (-14)



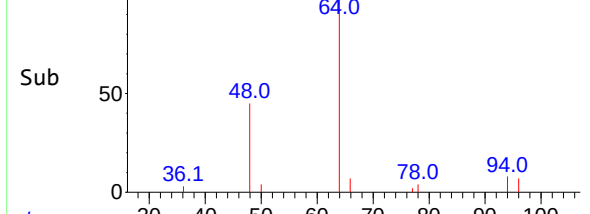
m/z-->

Abundance Scan 149 (1.519 min): VV029874.D\data.ms



m/z-->

Abundance Scan 149 (1.519 min): VV029874.D\data.ms (-55)



m/z-->

#6

Bromomethane

Concen: 0.047 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV029874.D

Acq: 16 Jan 2023 14:08

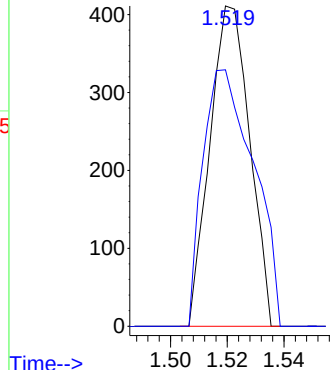
Tgt Ion: 94 Resp: 400

Ion Ratio Lower Upper

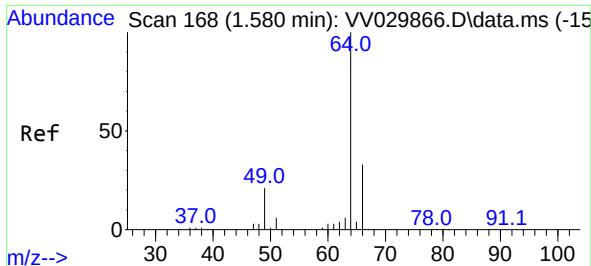
94 100

96 80.0 65.9 122.5

Abundance



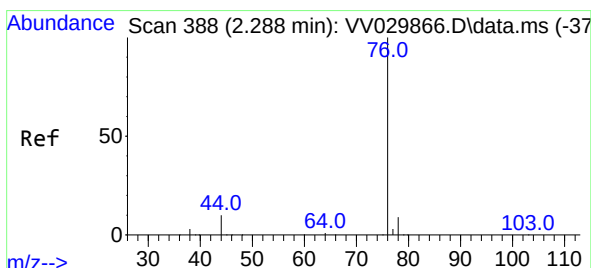
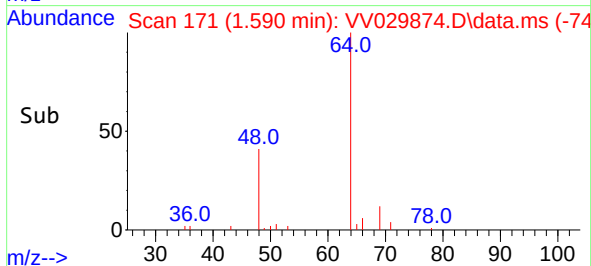
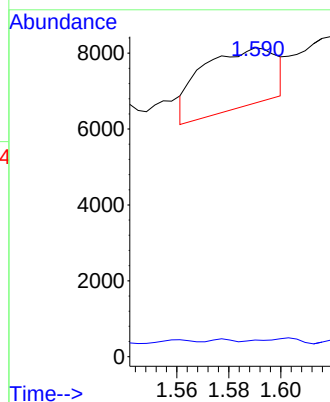
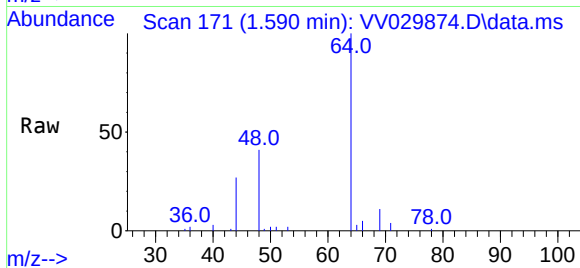
Time-->



#8
Chloroethane
Concen: 0.295 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV029874.D
Acq: 16 Jan 2023 14:08

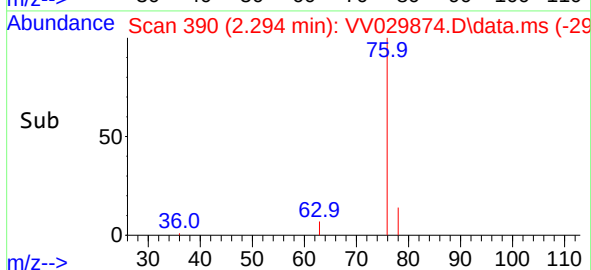
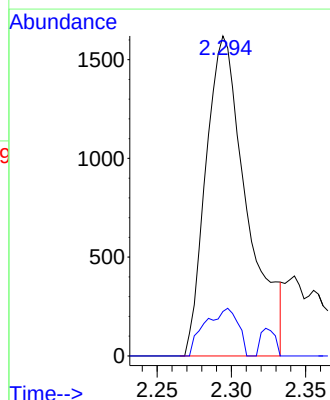
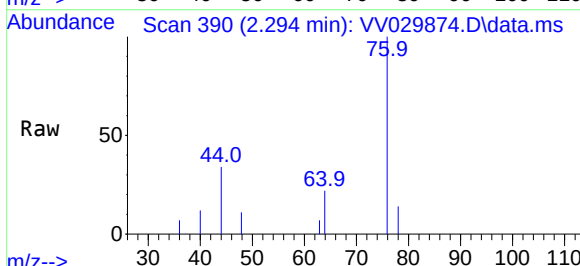
Instrument :
MSVOA_V
ClientSampleId :
BH1Z3

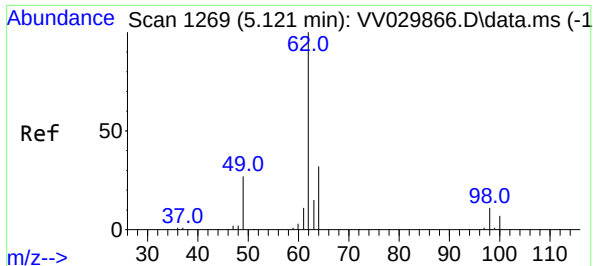
Tgt Ion: 64 Resp: 3141
Ion Ratio Lower Upper
64 100
66 5.4 22.9 42.5#



#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.010 min
Lab File: VV029874.D
Acq: 16 Jan 2023 14:08

Tgt Ion: 76 Resp: 3104
Ion Ratio Lower Upper
76 100
78 13.9 7.4 11.0#

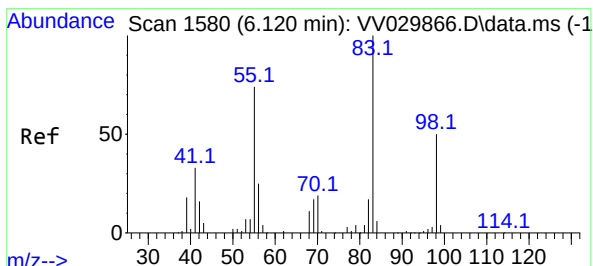
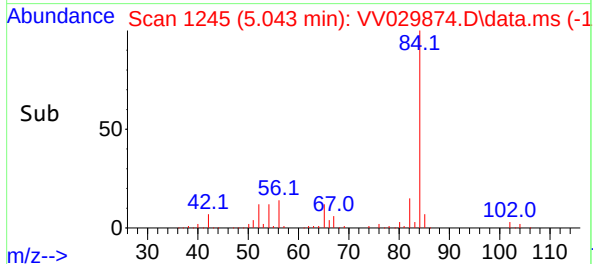
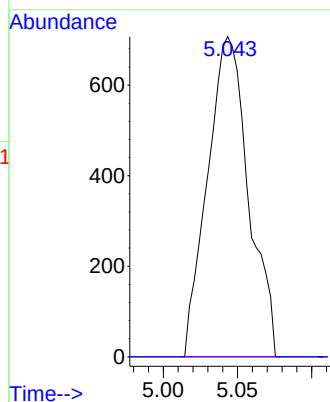
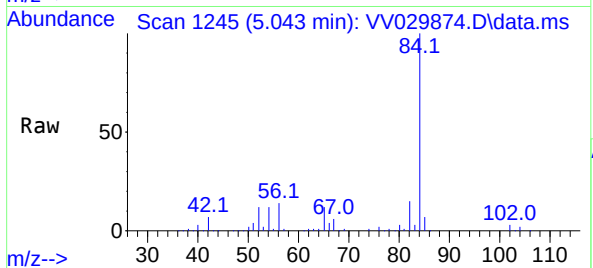




#27
1,2-Dichloroethane
Concen: 0.106 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV029874.D
Acq: 16 Jan 2023 14:08

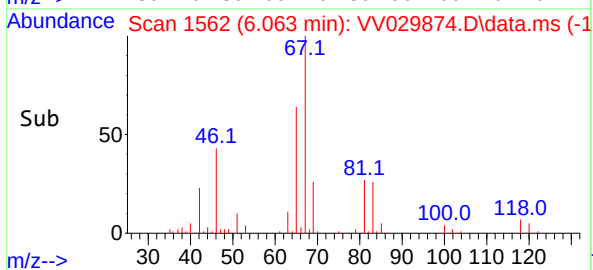
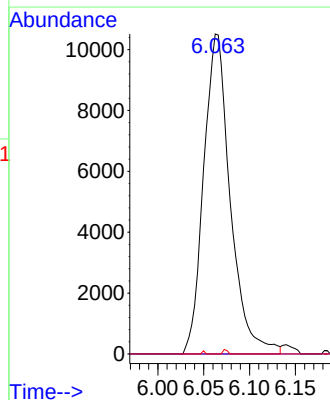
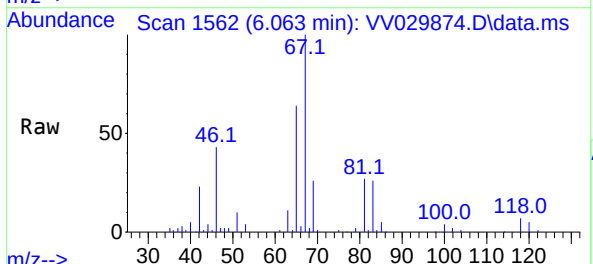
Instrument :
MSVOA_V
ClientSampleId :
BH1Z3

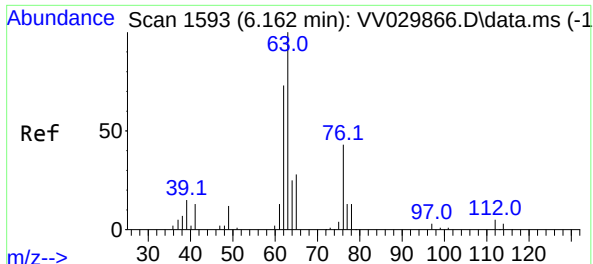
Tgt Ion: 62 Resp: 1360
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029874.D
Acq: 16 Jan 2023 14:08

Tgt Ion: 83 Resp: 21251
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.2 39.0 58.6#

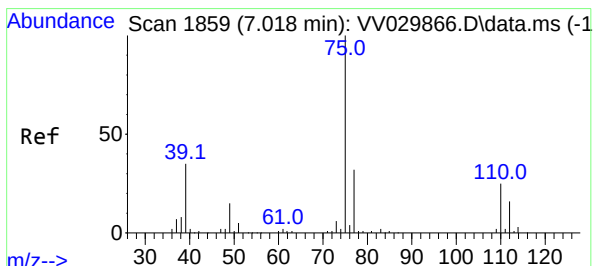
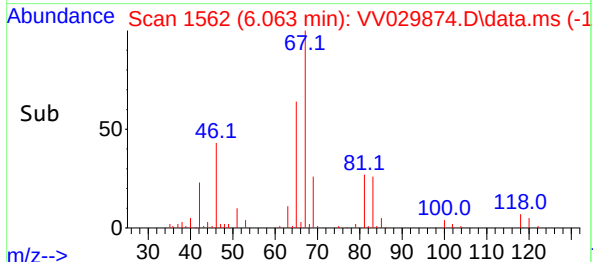
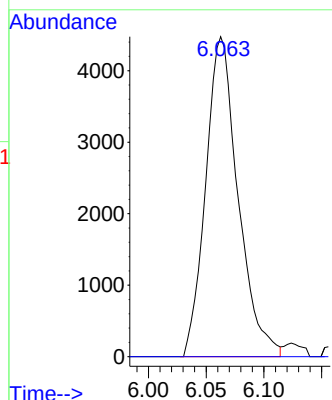
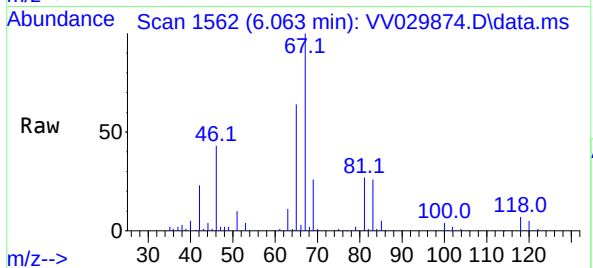




#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029874.D
Acq: 16 Jan 2023 14:08

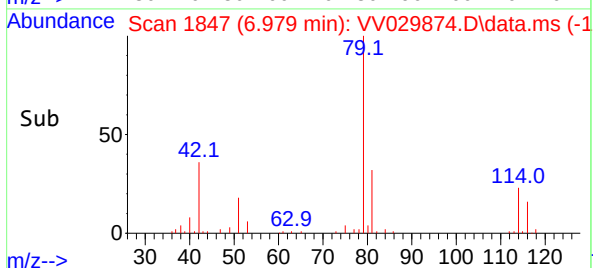
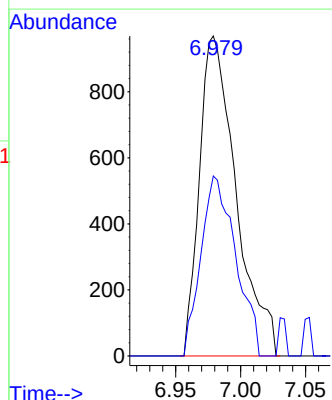
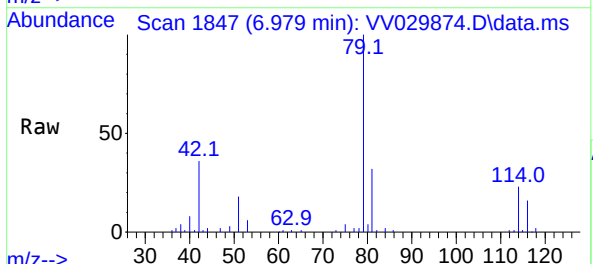
Instrument :
MSVOA_V
ClientSampleId :
BH1Z3

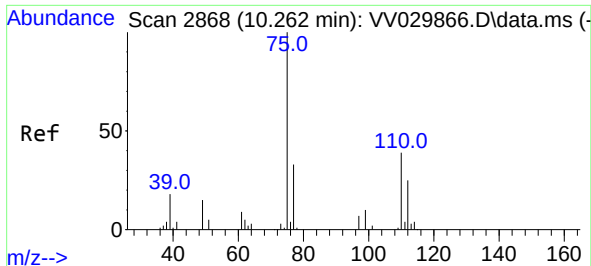
Tgt Ion: 63 Resp: 8720
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.039 min
Lab File: VV029874.D
Acq: 16 Jan 2023 14:08

Tgt Ion: 75 Resp: 1902
Ion Ratio Lower Upper
75 100
77 56.2 22.4 41.6#





#61
1,2,3-Trichloropropane
Concen: 1.524 ug/L
RT: 11.236 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV029874.D
Acq: 16 Jan 2023 14:08

Instrument :
MSVOA_V
ClientSampleId :
BH1Z3

Tgt Ion: 75 Resp: 10714
Ion Ratio Lower Upper
75 100
77 29.6 26.5 39.7
110 1.3 31.8 47.8#

