

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029876.D
 Acq On : 16 Jan 2023 14:56
 Operator : SY/MD
 Sample : 01168-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Z5

Quant Time: Jan 17 00:38:32 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)

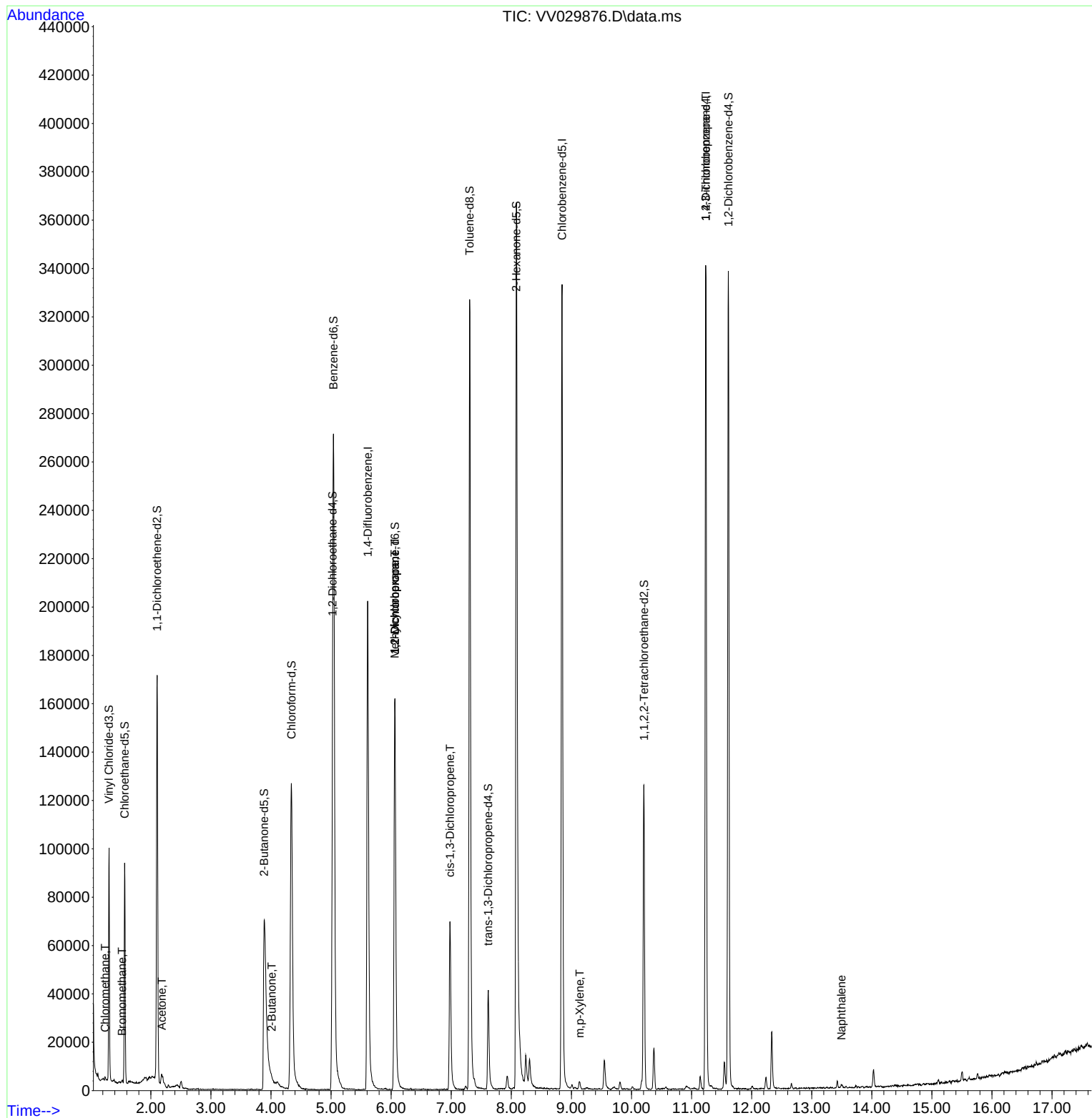
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	191580	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	195155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	98030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60015	4.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.564	69	58370	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.104	63	86049	3.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.886	46	142884	55.477	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.960%
24) Chloroform-d	4.339	84	137170	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.024	65	60892	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.040	84	272561	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.063	67	85987	5.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.307	98	235364	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.615	79	26475	4.279	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.085	63	141490	56.168	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64950	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	95027	5.332	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	789	0.042	ug/L	86
6) Bromomethane	1.519	94	439	0.049	ug/L	99
13) Acetone	2.182	43	8150	4.434	ug/L	76
21) 2-Butanone	4.011	43	3334	1.266	ug/L	95
35) Methylcyclohexane	6.059	83	20839	0.755	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	8739	0.578	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1666	0.082	ug/L #	69
53) m,p-Xylene	9.140	106	1188	0.041	ug/L	66
61) 1,2,3-Trichloropropane	11.236	75	10468	1.442	ug/L #	66
71) Naphthalene	13.493	128	1462	0.056	ug/L #	81

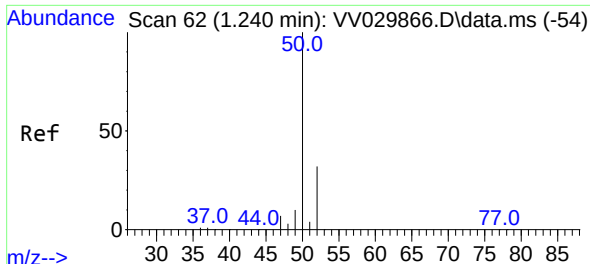
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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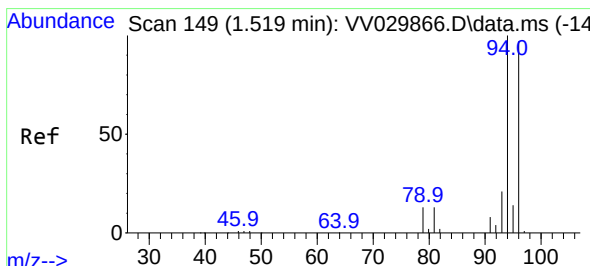
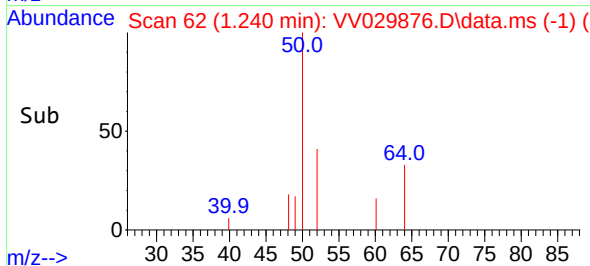
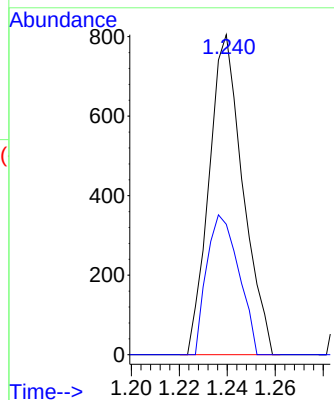
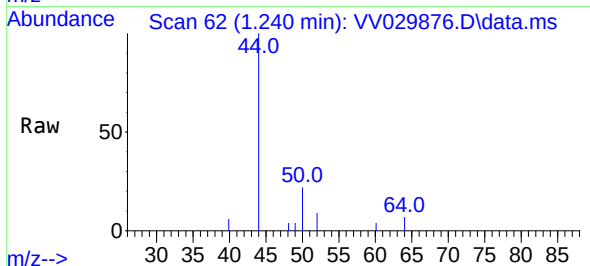




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029876.D
Acq: 16 Jan 2023 14:56

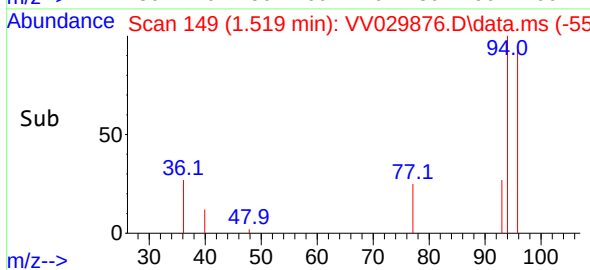
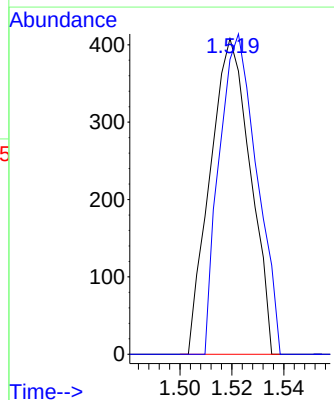
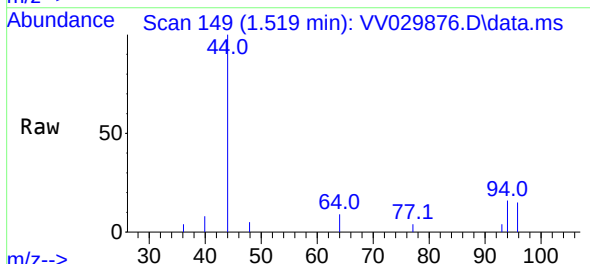
Instrument :
MSVOA_V
ClientSampleId :
BH1Z5

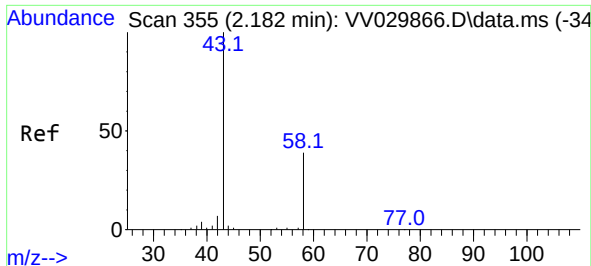
Tgt Ion: 50 Resp: 789
Ion Ratio Lower Upper
50 100
52 40.7 23.1 42.9



#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029876.D
Acq: 16 Jan 2023 14:56

Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 93.4 65.9 122.5

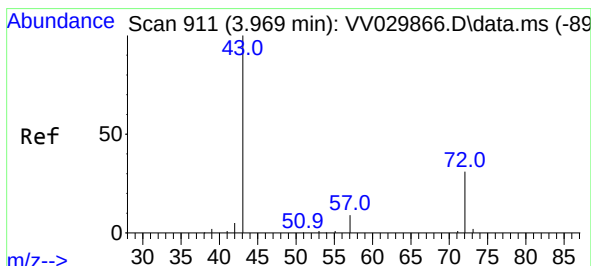
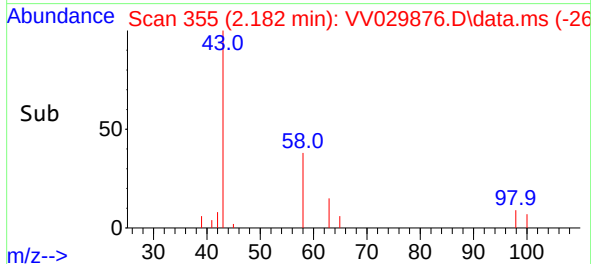
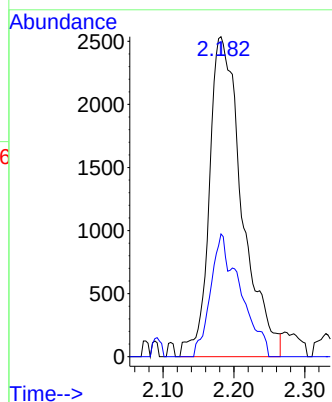
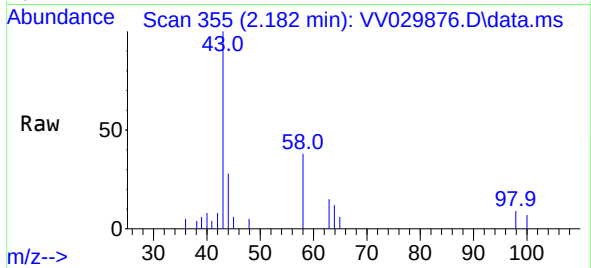




#13
Acetone
Concen: 4.434 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV029876.D
Acq: 16 Jan 2023 14:56

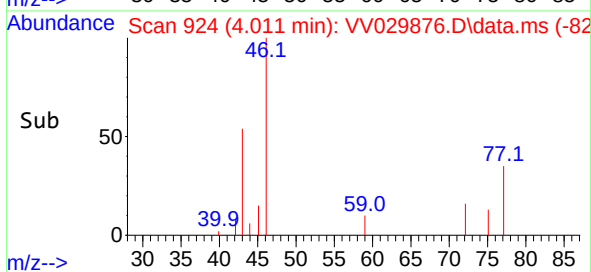
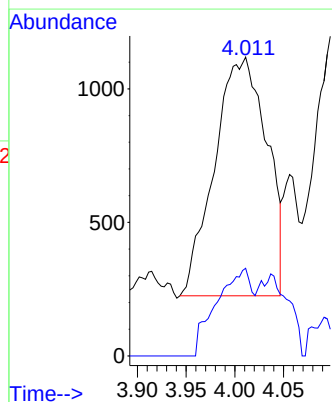
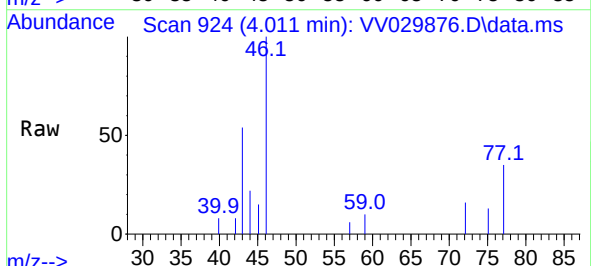
Instrument :
MSVOA_V
ClientSampleId :
BH1Z5

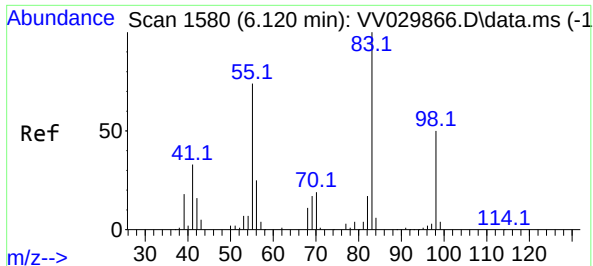
Tgt Ion: 43 Resp: 8150
Ion Ratio Lower Upper
43 100
58 20.7 0.0 68.8



#21
2-Butanone
Concen: 1.266 ug/L
RT: 4.011 min Scan# 924
Delta R.T. 0.029 min
Lab File: VV029876.D
Acq: 16 Jan 2023 14:56

Tgt Ion: 43 Resp: 3334
Ion Ratio Lower Upper
43 100
72 25.2 13.9 41.6

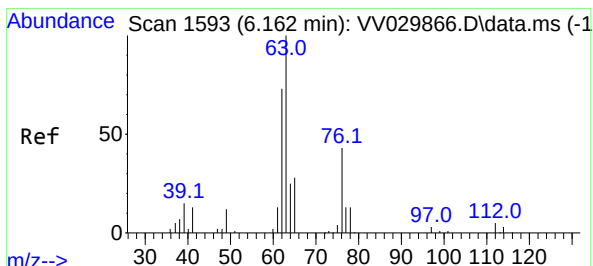
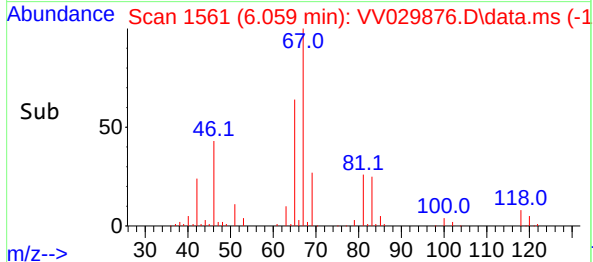
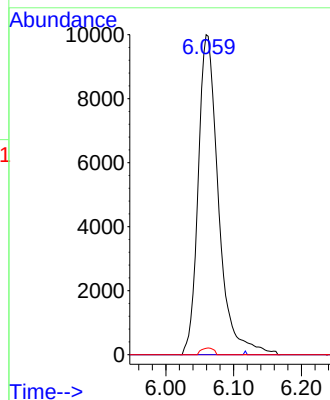
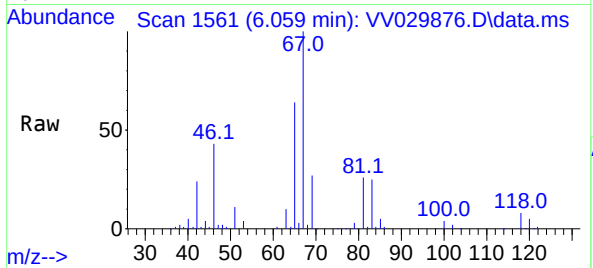




#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029876.D
Acq: 16 Jan 2023 14:56

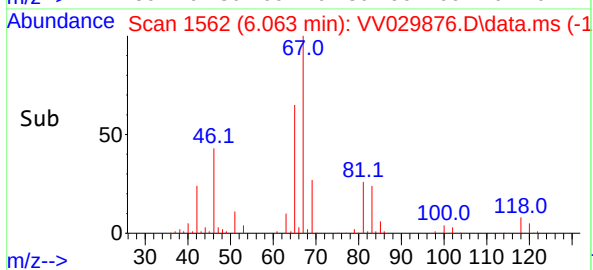
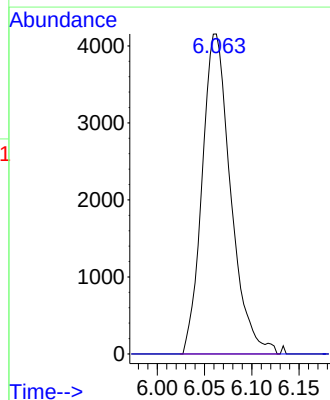
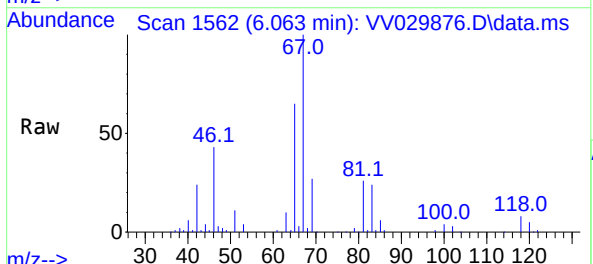
Instrument :
MSVOA_V
ClientSampleId :
BH1Z5

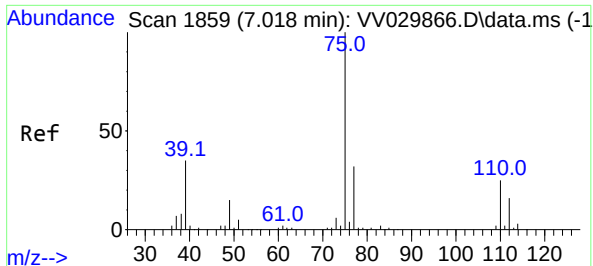
Tgt Ion: 83 Resp: 20839
Ion Ratio Lower Upper
83 100
55 0.1 57.3 85.9#
98 1.3 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.100 min
Lab File: VV029876.D
Acq: 16 Jan 2023 14:56

Tgt Ion: 63 Resp: 8739
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029876.D

Acq: 16 Jan 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

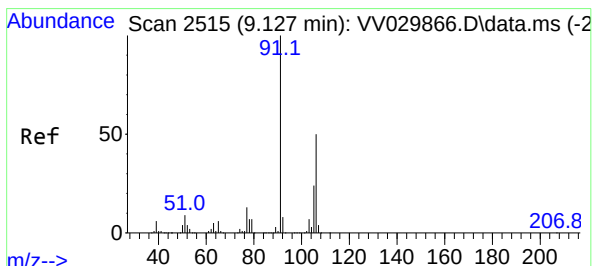
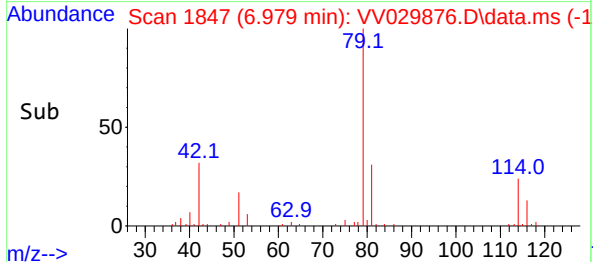
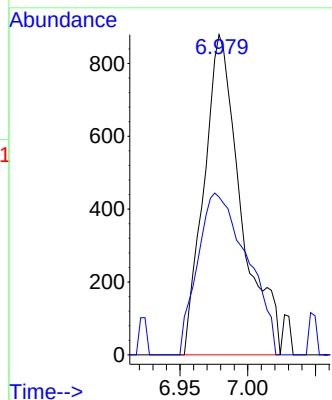
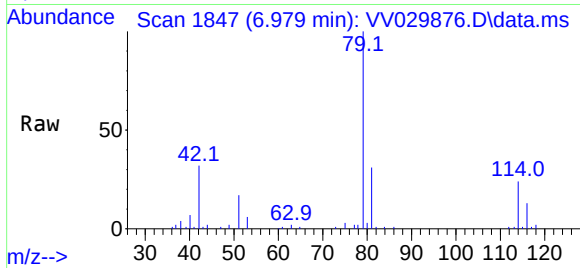
BH1Z5

Tgt Ion: 75 Resp: 1666

Ion Ratio Lower Upper

75 100

77 49.3 22.4 41.6#



#53

m,p-Xylene

Concen: 0.041 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.009 min

Lab File: VV029876.D

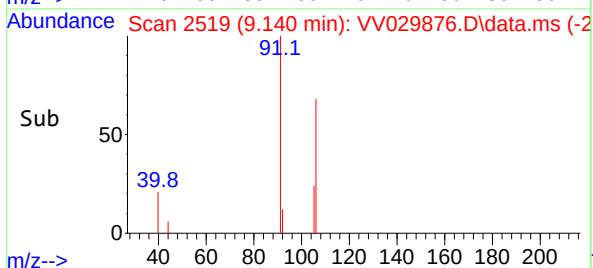
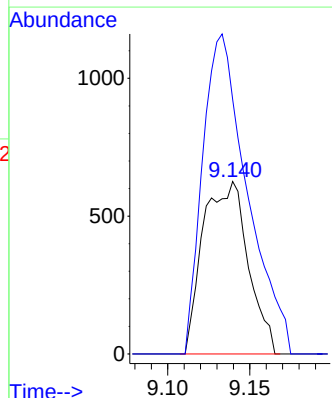
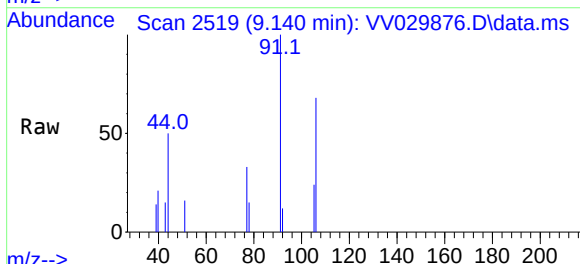
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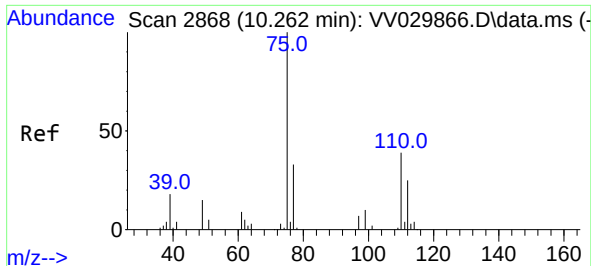
Tgt Ion: 106 Resp: 1188

Ion Ratio Lower Upper

106 100

91 147.4 138.7 257.7





#61

1,2,3-Trichloropropane

Concen: 1.442 ug/L

RT: 11.236 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029876.D

Acq: 16 Jan 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

BH1Z5

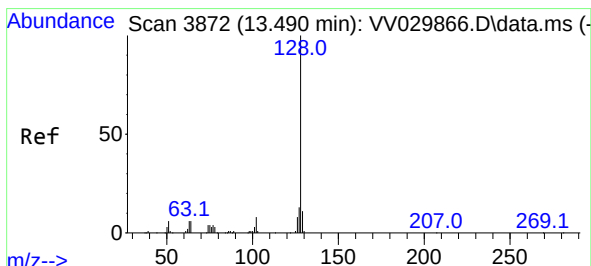
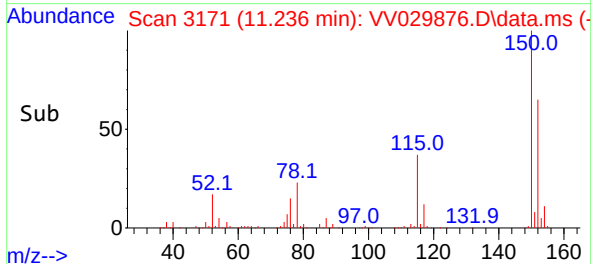
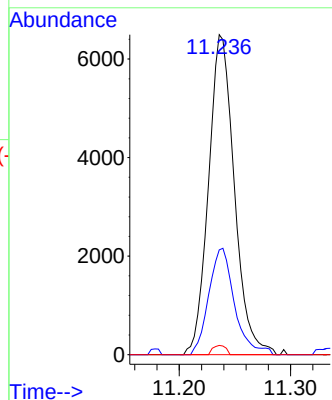
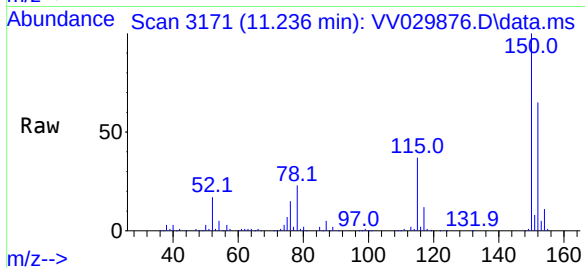
Tgt Ion: 75 Resp: 10468

Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7

110 1.5 31.8 47.8#



#71

Naphthalene

Concen: 0.056 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029876.D

Acq: 16 Jan 2023 14:56

Tgt Ion: 128 Resp: 1462

Ion Ratio Lower Upper

128 100

129 3.2 8.6 12.8#

127 5.3 10.0 15.0#

