

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029875.D
 Acq On : 16 Jan 2023 14:32
 Operator : SY/MD
 Sample : 01168-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Z4

Quant Time: Jan 17 00:38:25 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)

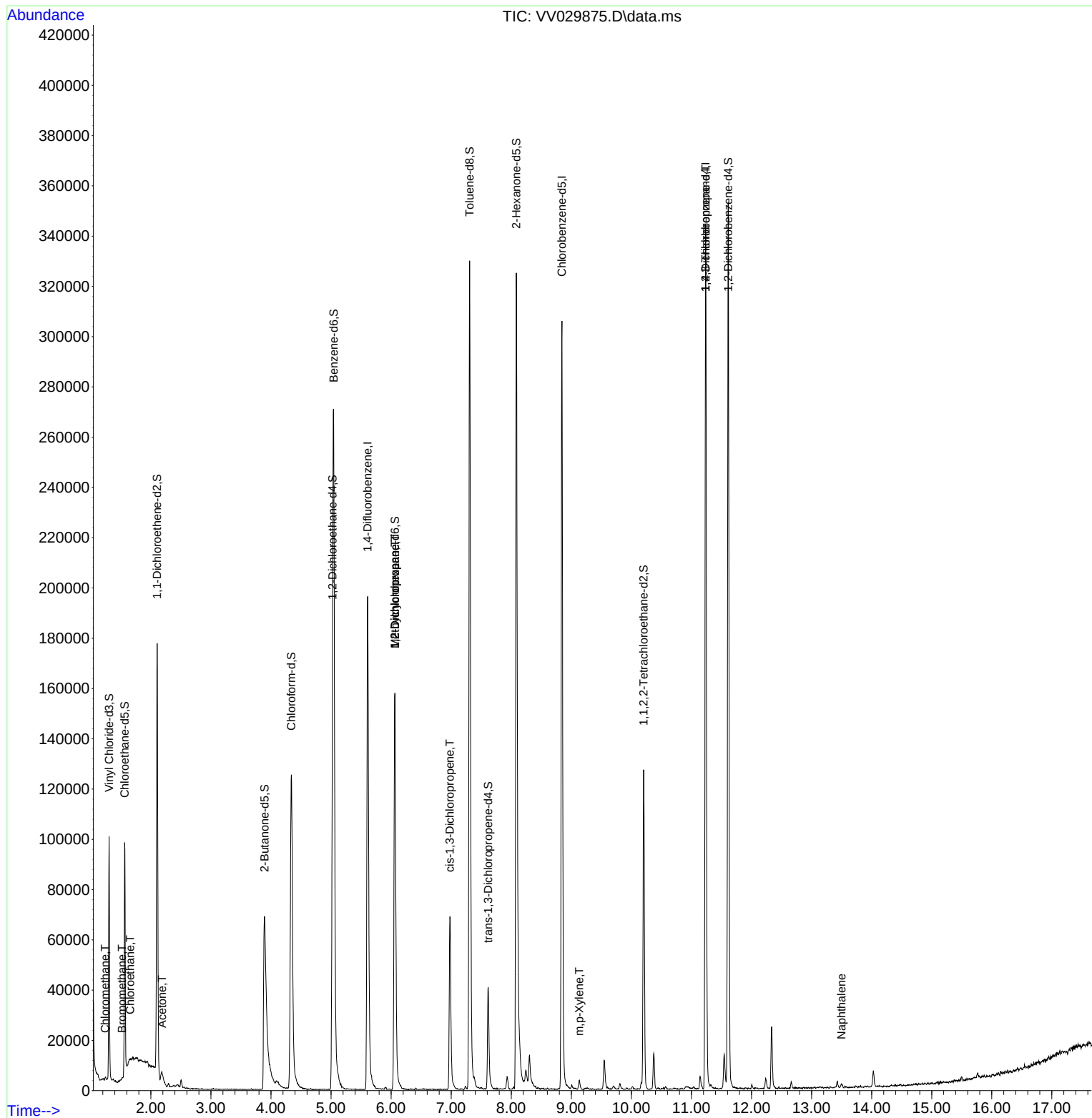
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	185688	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	181351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	96705	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60019	4.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.564	69	58715	5.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.105	63	86047	3.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.892	46	143009	57.288	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.580%
24) Chloroform-d	4.339	84	137094	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.024	65	60799	5.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.043	84	275858	5.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.063	67	85319	5.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.307	98	235018	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.616	79	26260	4.567	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.085	63	128001	54.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.360%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	65181	5.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	96322	5.479	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	775	0.043	ug/L	100
6) Bromomethane	1.519	94	370	0.043	ug/L	81
8) Chloroethane	1.655	64	26625	2.460	ug/L #	50
13) Acetone	2.185	43	7648	4.292	ug/L	88
35) Methylcyclohexane	6.063	83	20668	0.806	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	8727	0.622	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1752	0.093	ug/L #	58
53) m,p-Xylene	9.133	106	1231	0.046	ug/L	92
61) 1,2,3-Trichloropropane	11.236	75	10375	1.449	ug/L #	67
71) Naphthalene	13.496	128	1665	0.065	ug/L #	88

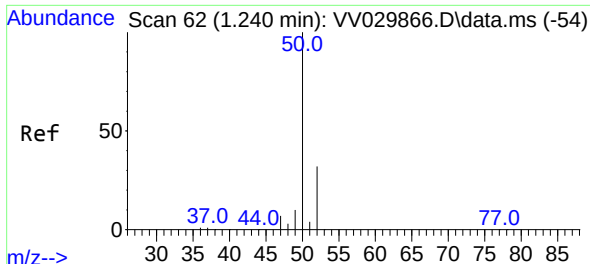
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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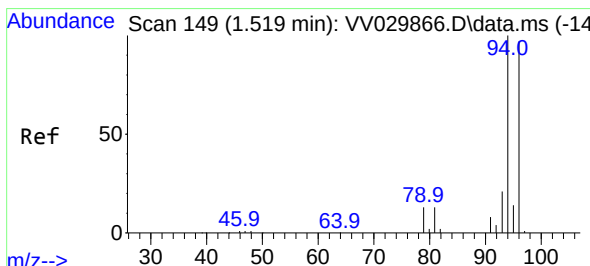
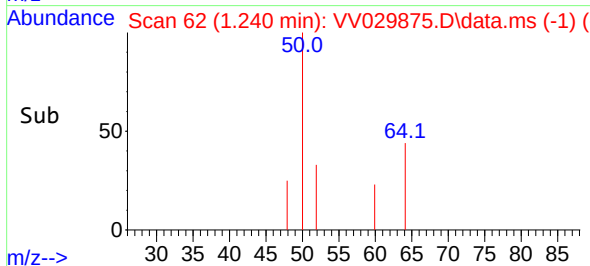
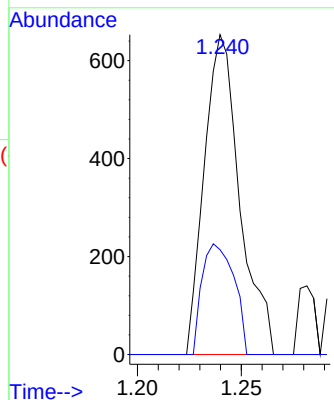
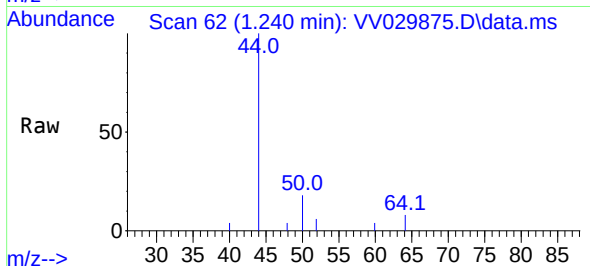




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029875.D
Acq: 16 Jan 2023 14:32

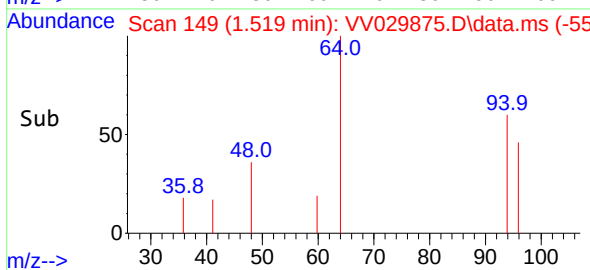
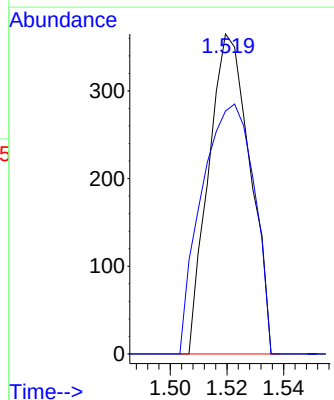
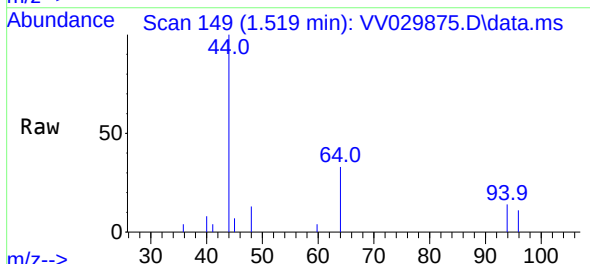
Instrument :
MSVOA_V
ClientSampleId :
BH1Z4

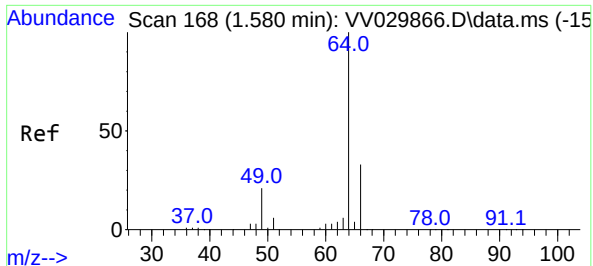
Tgt Ion: 50 Resp: 775
Ion Ratio Lower Upper
50 100
52 32.8 23.1 42.9



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029875.D
Acq: 16 Jan 2023 14:32

Tgt Ion: 94 Resp: 370
Ion Ratio Lower Upper
94 100
96 75.9 65.9 122.5

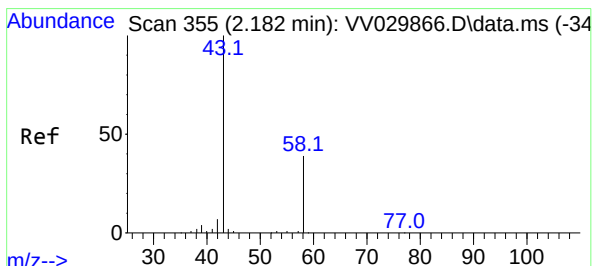
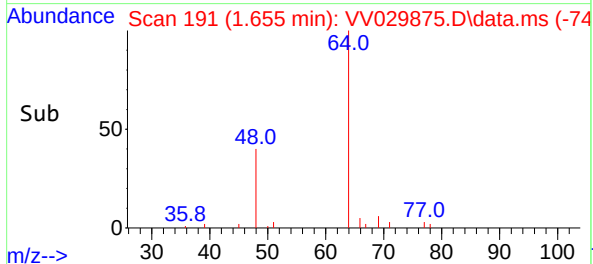
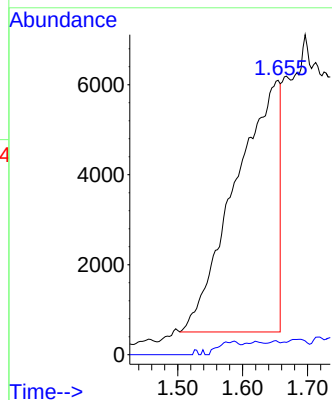
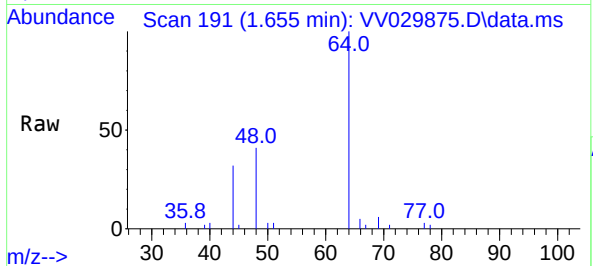




#8
Chloroethane
Concen: 2.460 ug/L
RT: 1.655 min Scan# 191
Delta R.T. 0.077 min
Lab File: VV029875.D
Acq: 16 Jan 2023 14:32

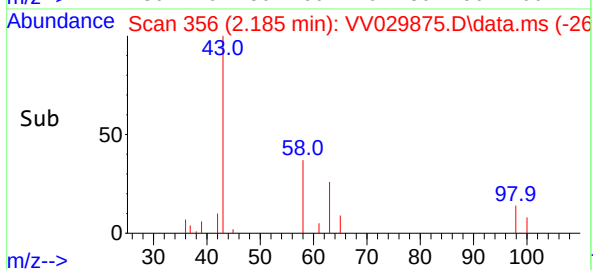
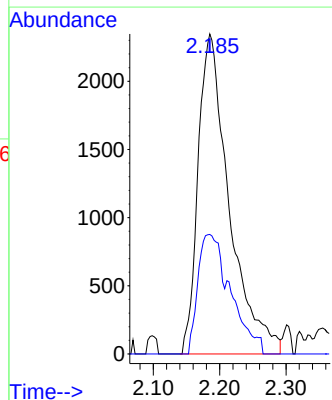
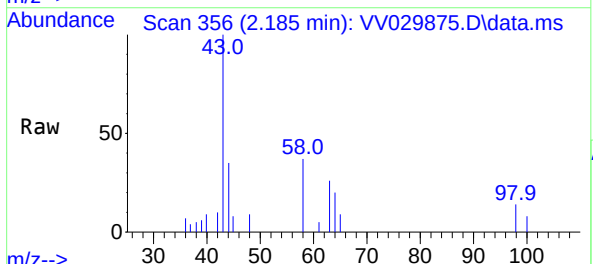
Instrument :
MSVOA_V
ClientSampleId :
BH1Z4

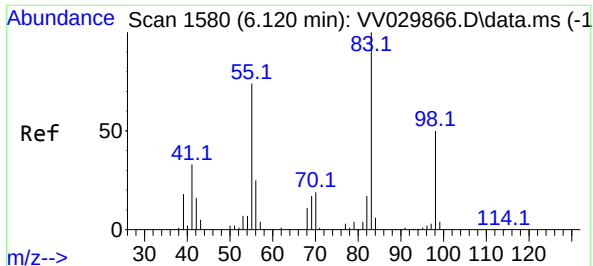
Tgt Ion: 64 Resp: 26625
Ion Ratio Lower Upper
64 100
66 4.7 22.9 42.5#



#13
Acetone
Concen: 4.292 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.013 min
Lab File: VV029875.D
Acq: 16 Jan 2023 14:32

Tgt Ion: 43 Resp: 7648
Ion Ratio Lower Upper
43 100
58 27.8 0.0 68.8





#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029875.D

Acq: 16 Jan 2023 14:32

Instrument :

MSVOA_V

ClientSampleId :

BH1Z4

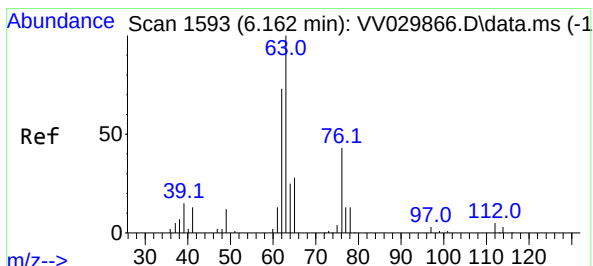
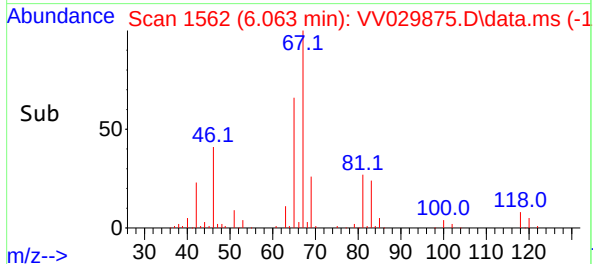
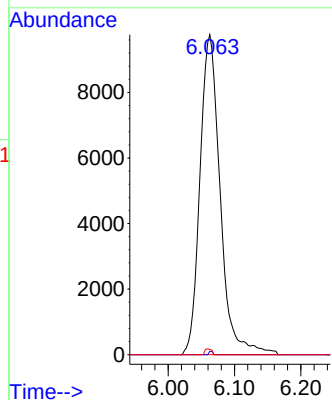
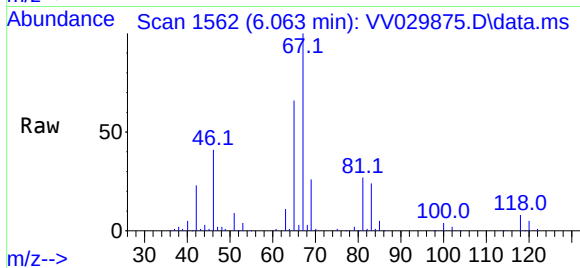
Tgt Ion: 83 Resp: 20668

Ion Ratio Lower Upper

83 100

55 0.2 57.3 85.9#

98 0.6 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.100 min

Lab File: VV029875.D

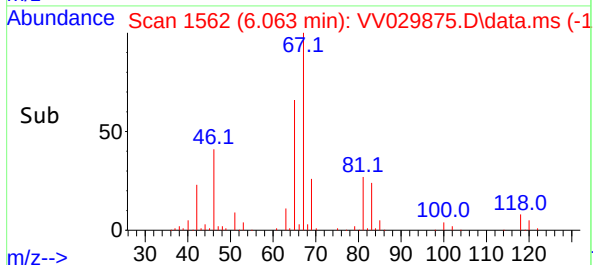
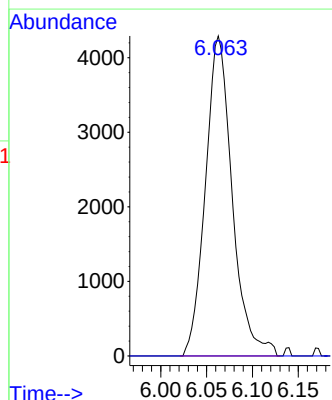
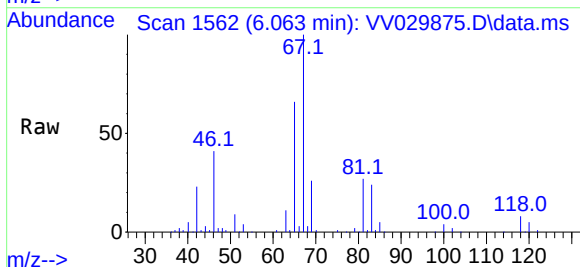
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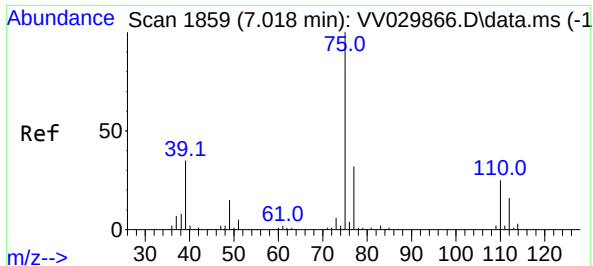
Tgt Ion: 63 Resp: 8727

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029875.D

Acq: 16 Jan 2023 14:32

Instrument :

MSVOA_V

ClientSampleId :

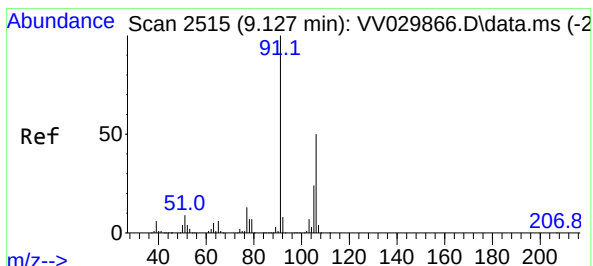
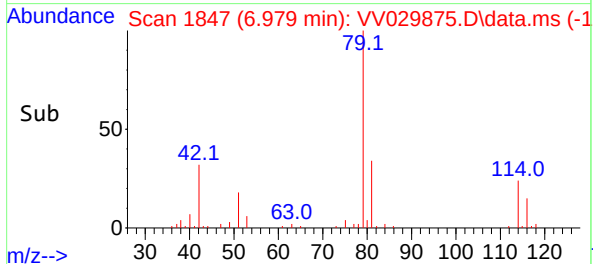
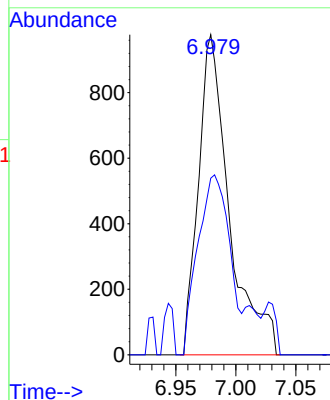
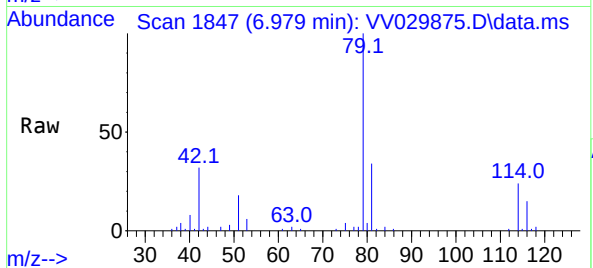
BH1Z4

Tgt Ion: 75 Resp: 1752

Ion Ratio Lower Upper

75 100

77 55.2 22.4 41.6#



#53

m,p-Xylene

Concen: 0.046 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029875.D

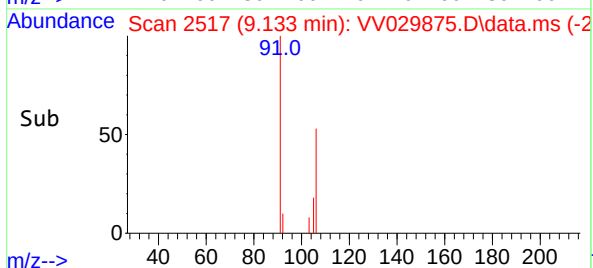
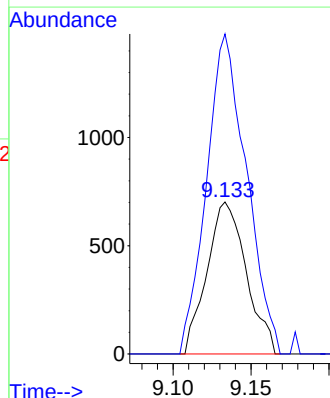
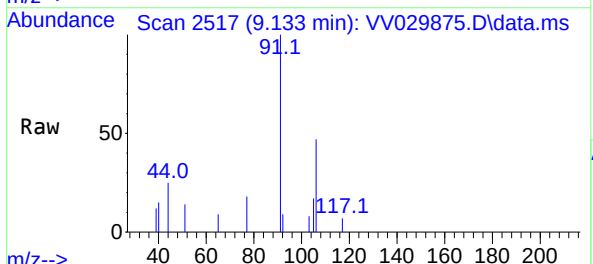
Acq: 16 Jan 2023 14:32

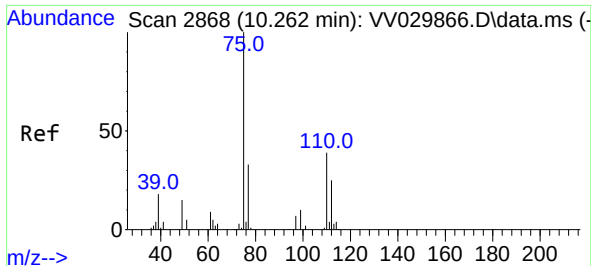
Tgt Ion: 106 Resp: 1231

Ion Ratio Lower Upper

106 100

91 210.5 138.7 257.7





#61

1,2,3-Trichloropropane

Concen: 1.449 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029875.D

Acq: 16 Jan 2023 14:32

Instrument :

MSVOA_V

ClientSampleId :

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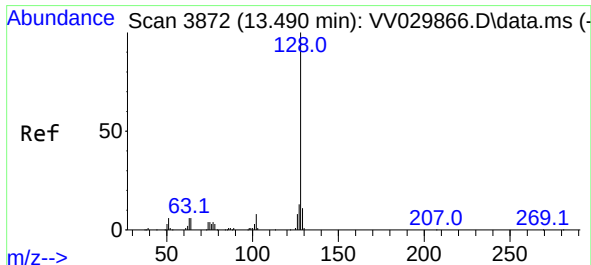
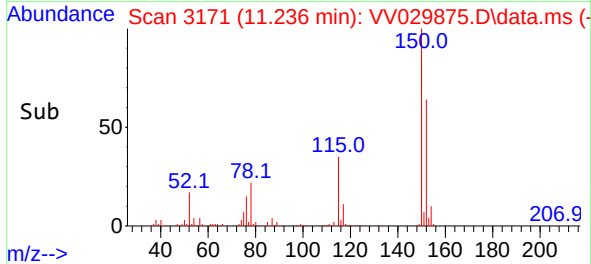
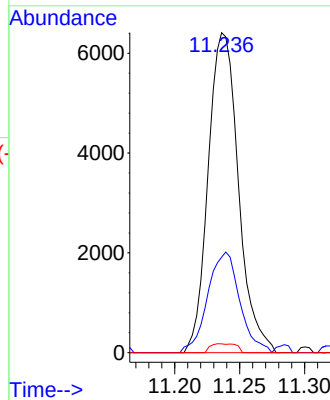
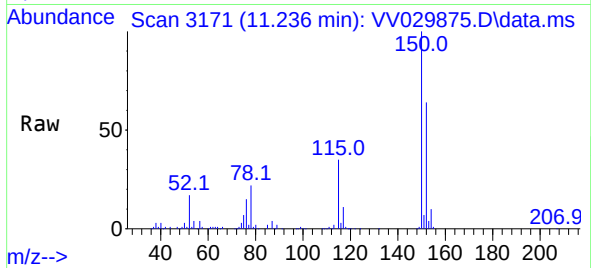
Tgt Ion: 75 Resp: 10375

Ion Ratio Lower Upper

75 100

77 33.3 26.5 39.7

110 2.4 31.8 47.8#



#71

Naphthalene

Concen: 0.065 ug/L

RT: 13.496 min Scan# 3874

Delta R.T. 0.006 min

Lab File: VV029875.D

Acq: 16 Jan 2023 14:32

Tgt Ion: 128 Resp: 1665

Ion Ratio Lower Upper

128 100

129 6.1 8.6 12.8#

127 8.0 10.0 15.0#

