

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029836.D
 Acq On : 14 Jan 2023 02:41
 Operator : SY/MD
 Sample : 01138-15 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X8

Quant Time: Jan 14 04:20:48 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)

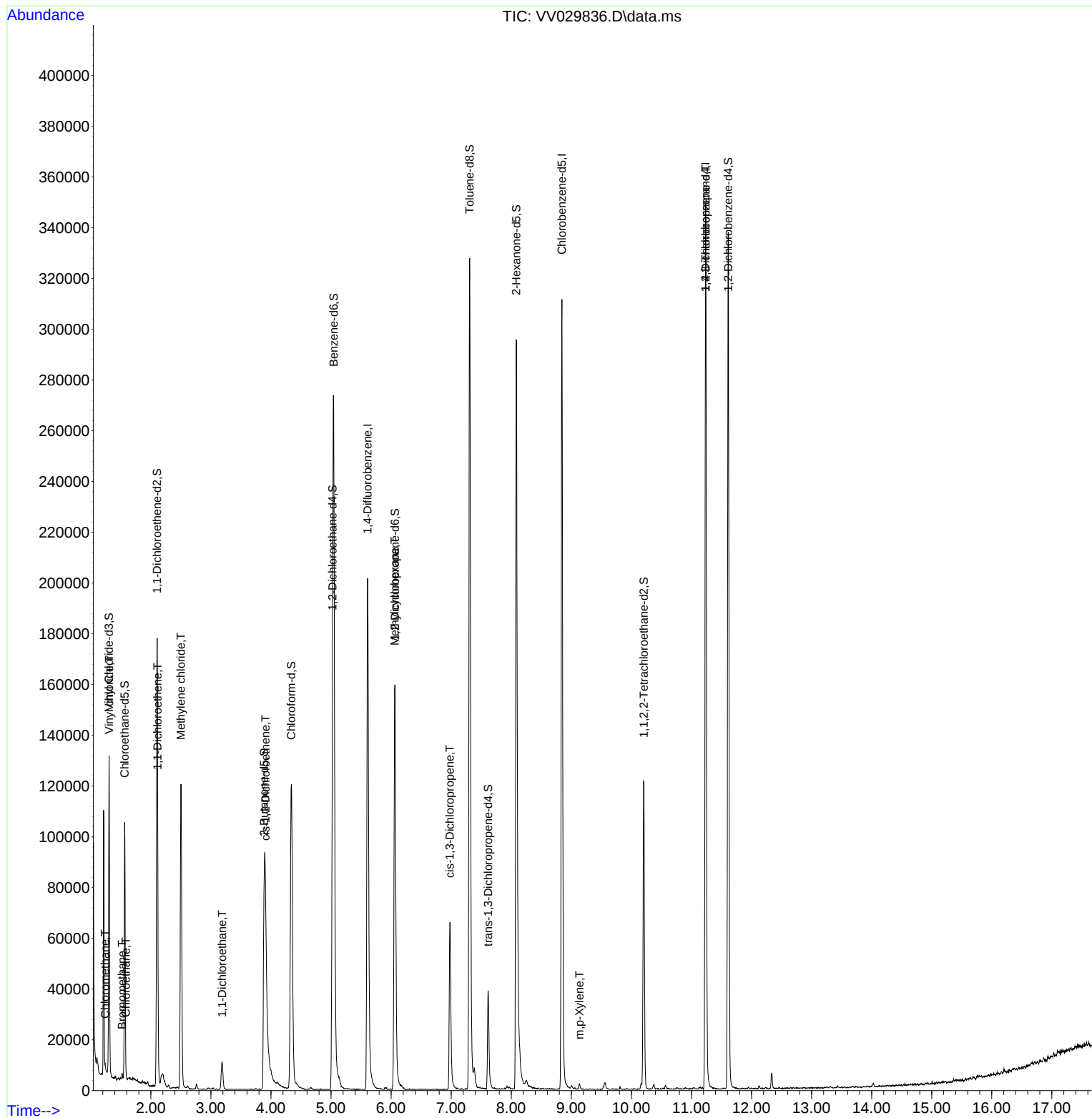
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	192061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	186982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	97582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68254	4.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.565	69	63317	5.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.105	63	90932	3.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	3.886	46	129690	50.228	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.460%
24) Chloroform-d	4.339	84	136507	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.024	65	60477	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.044	84	277318	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.063	67	84739	5.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.307	98	237488	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.616	79	25540	4.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.085	63	116804	48.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61309	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	94021	5.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2201	0.117	ug/L	99
5) Vinyl chloride	1.307	62	9884	0.536	ug/L	87
6) Bromomethane	1.520	94	959	0.107	ug/L	79
8) Chloroethane	1.584	64	1042	0.093	ug/L	88
12) 1,1-Dichloroethene	2.114	96	3039	0.185	ug/L #	1
16) Methylene chloride	2.500	84	53446	2.623	ug/L	96
19) 1,1-Dichloroethane	3.185	63	11535	0.452	ug/L	97
22) cis-1,2-Dichloroethene	3.909	96	12890	0.794	ug/L	84
35) Methylcyclohexane	6.060	83	19729	0.746	ug/L #	20
39) cis-1,3-Dichloropropene	6.979	75	1736	0.089	ug/L #	40
53) m,p-Xylene	9.137	106	902	0.033	ug/L	90
61) 1,2,3-Trichloropropane	11.236	75	10566	1.462	ug/L #	64

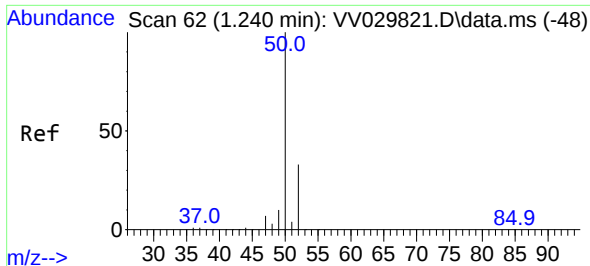
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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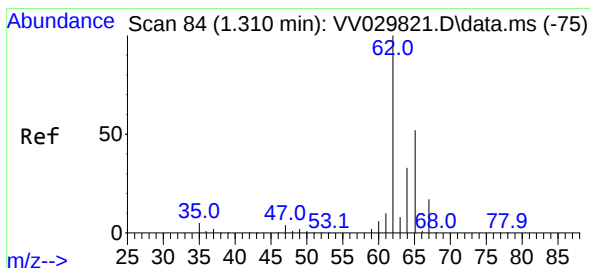
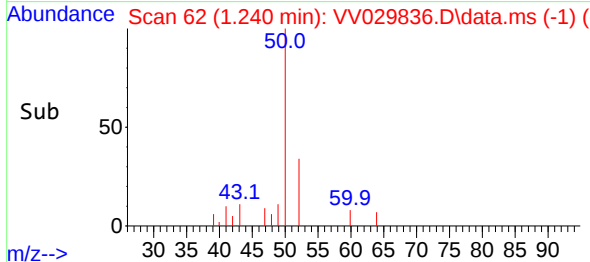
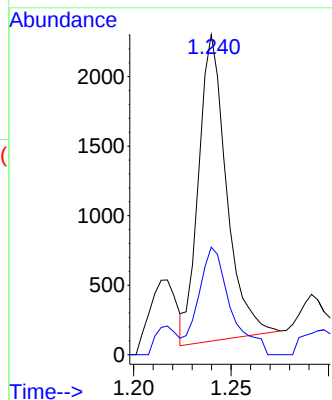
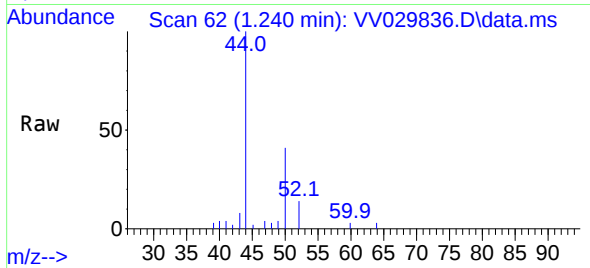




#3
Chloromethane
Concen: 0.117 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029836.D
Acq: 14 Jan 2023 02:41

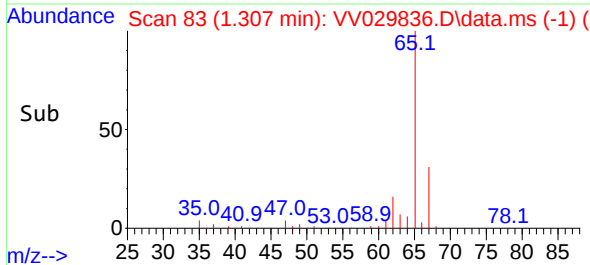
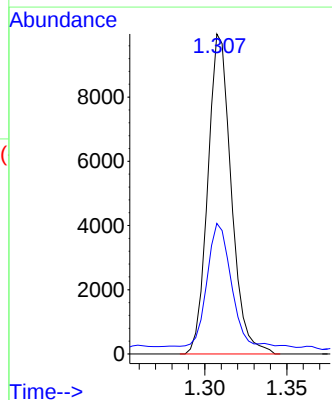
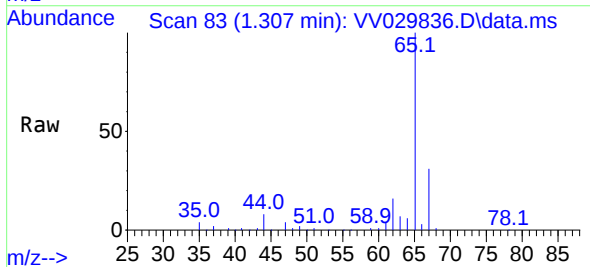
Instrument :
MSVOA_V
ClientSampleId :
BH1X8

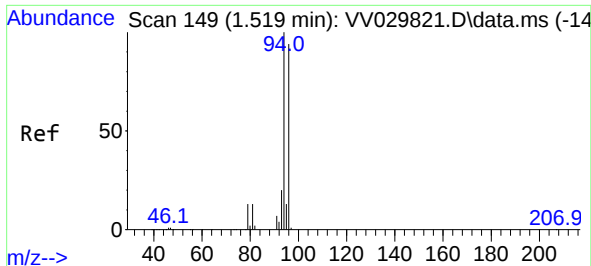
Tgt Ion: 50 Resp: 2201
Ion Ratio Lower Upper
50 100
52 33.6 23.1 42.9



#5
Vinyl chloride
Concen: 0.536 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029836.D
Acq: 14 Jan 2023 02:41

Tgt Ion: 62 Resp: 9884
Ion Ratio Lower Upper
62 100
64 40.8 23.2 43.2

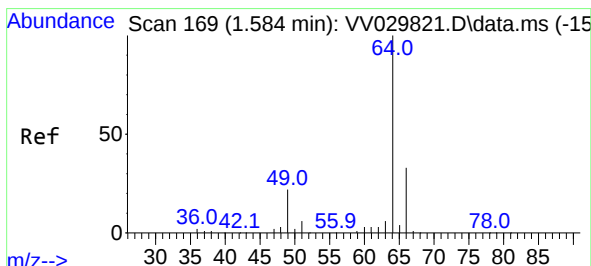
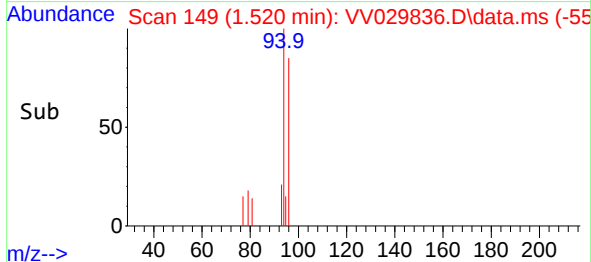
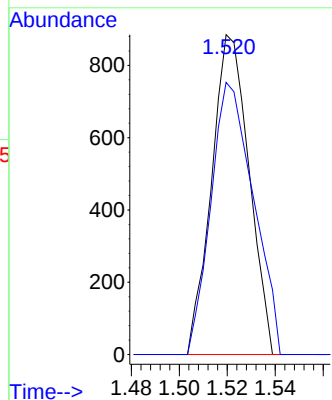
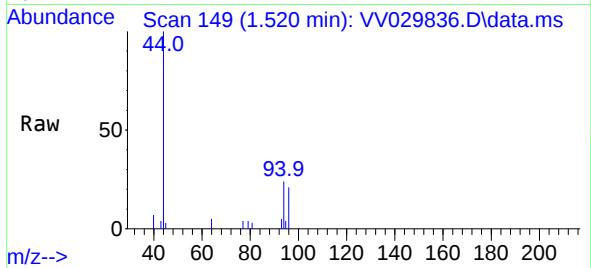




#6
Bromomethane
Concen: 0.107 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029836.D
Acq: 14 Jan 2023 02:41

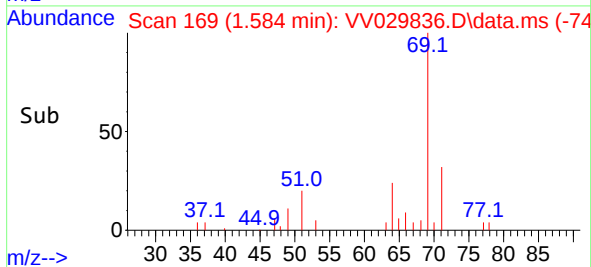
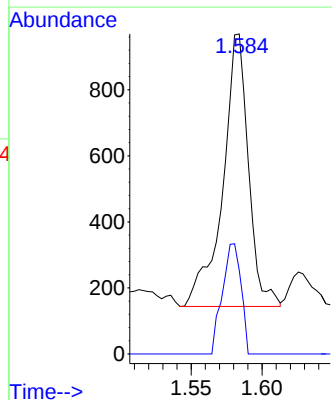
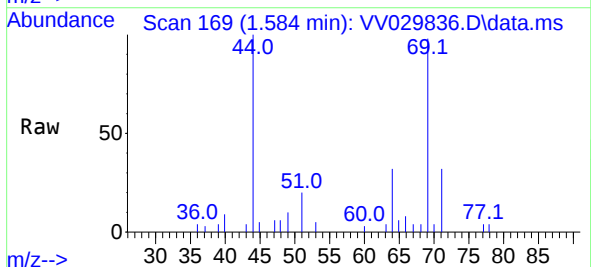
Instrument :
MSVOA_V
ClientSampleId :
BH1X8

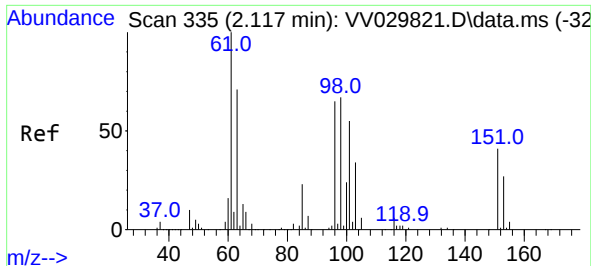
Tgt Ion: 94 Resp: 959
Ion Ratio Lower Upper
94 100
96 73.8 65.9 122.5



#8
Chloroethane
Concen: 0.093 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.006 min
Lab File: VV029836.D
Acq: 14 Jan 2023 02:41

Tgt Ion: 64 Resp: 1042
Ion Ratio Lower Upper
64 100
66 26.2 22.9 42.5





#12

1,1-Dichloroethene

Concen: 0.185 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029836.D

Acq: 14 Jan 2023 02:41

Instrument :

MSVOA_V

ClientSampleId :

BH1X8

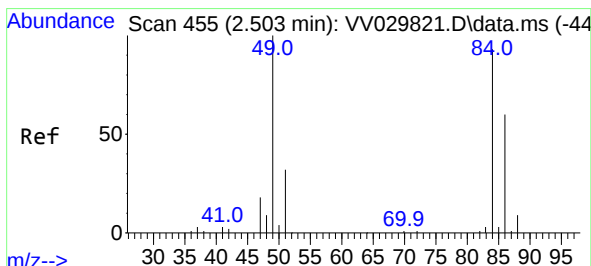
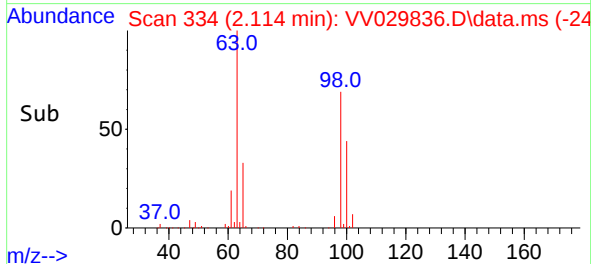
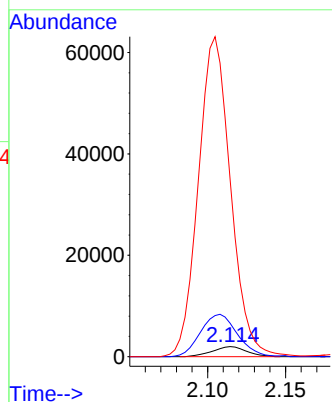
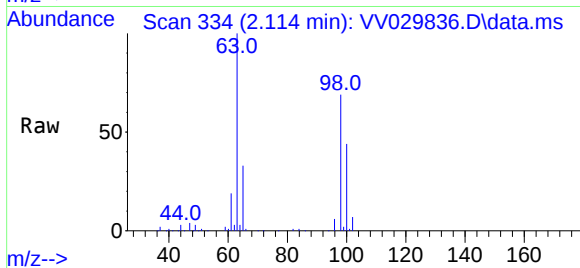
Tgt Ion: 96 Resp: 3039

Ion Ratio Lower Upper

96 100

61 329.2 106.1 197.1#

63 1747.6 76.4 141.8#



#16

Methylene chloride

Concen: 2.623 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV029836.D

Acq: 14 Jan 2023 02:41

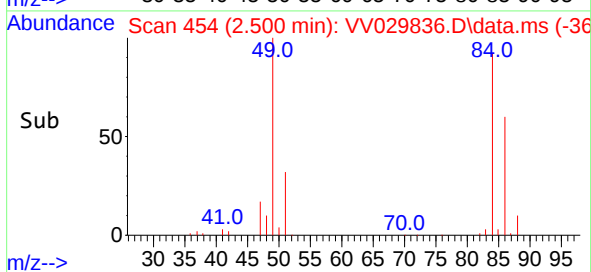
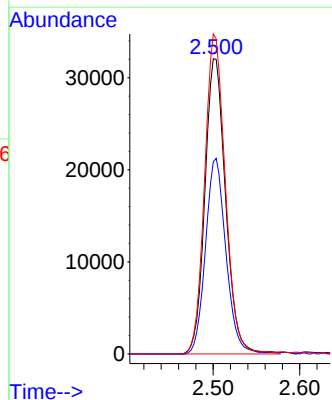
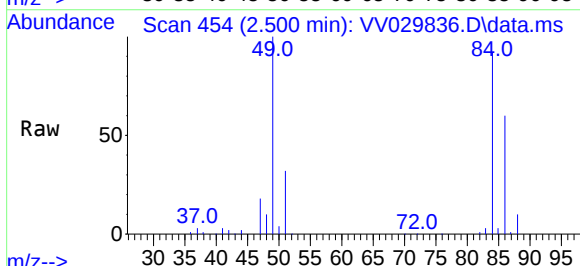
Tgt Ion: 84 Resp: 53446

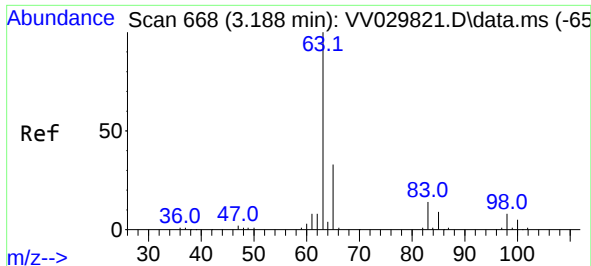
Ion Ratio Lower Upper

84 100

86 65.1 45.0 83.6

49 108.4 71.5 132.7





#19

1,1-Dichloroethane

Concen: 0.452 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029836.D

Acq: 14 Jan 2023 02:41

Instrument :

MSVOA_V

ClientSampleId :

BH1X8

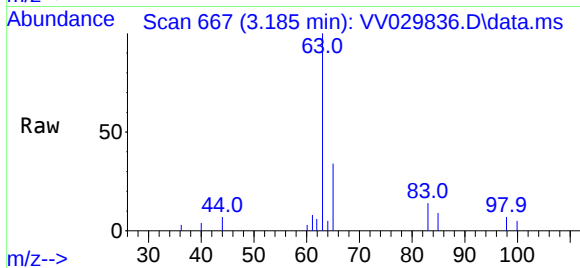
Tgt Ion: 63 Resp: 11535

Ion Ratio Lower Upper

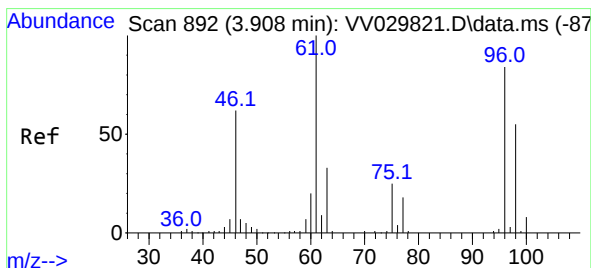
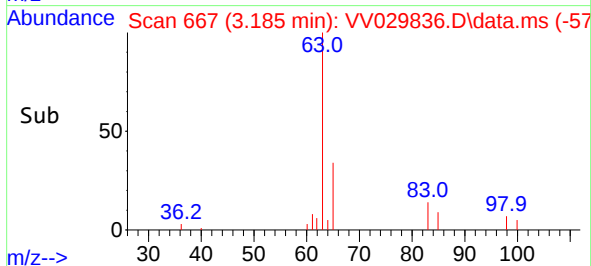
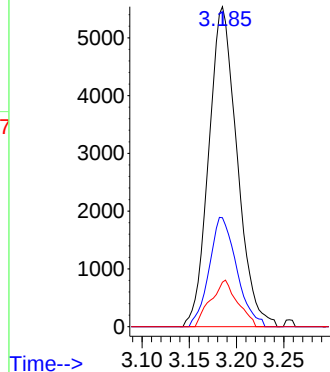
63 100

65 34.1 22.4 41.6

83 13.9 10.2 19.0



Abundance



#22

cis-1,2-Dichloroethene

Concen: 0.794 ug/L

RT: 3.909 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV029836.D

Acq: 14 Jan 2023 02:41

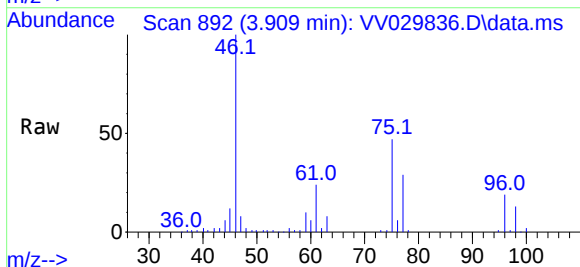
Tgt Ion: 96 Resp: 12890

Ion Ratio Lower Upper

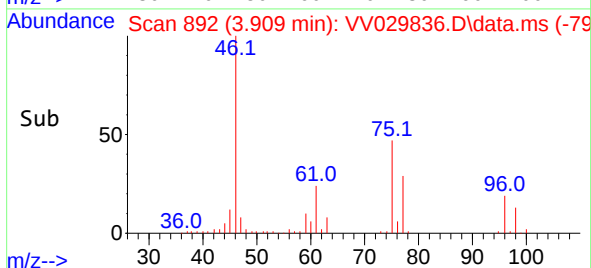
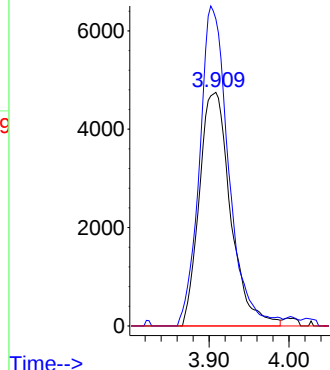
96 100

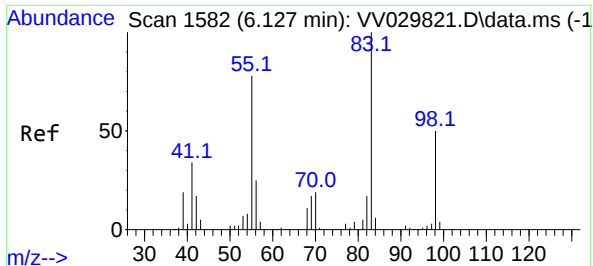
61 131.3 80.0 148.6

68 0.0 0.0 0.0



Abundance





#35

Methylcyclohexane

Concen: 0.746 ug/L

RT: 6.060 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV029836.D

Acq: 14 Jan 2023 02:41

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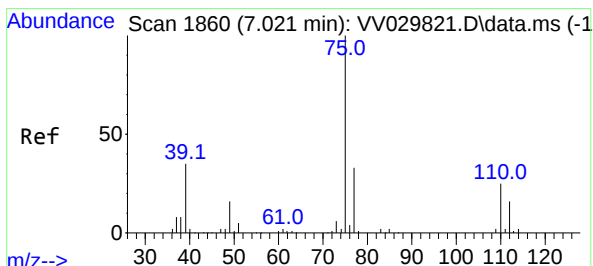
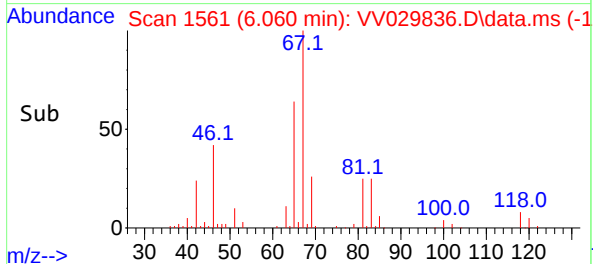
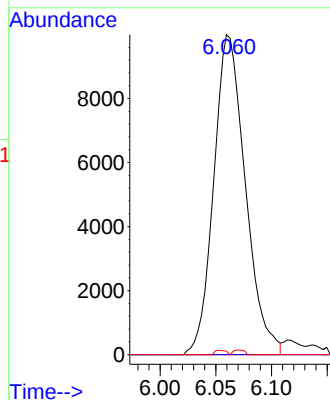
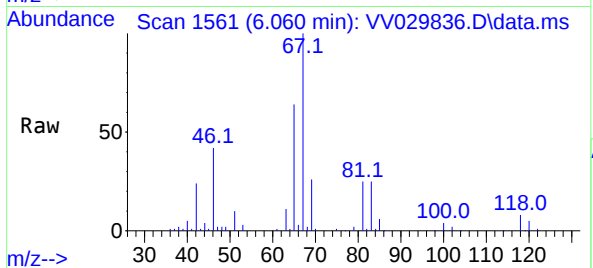
Tgt Ion: 83 Resp: 19729

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.5 39.0 58.6#



#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.039 min

Lab File: VV029836.D

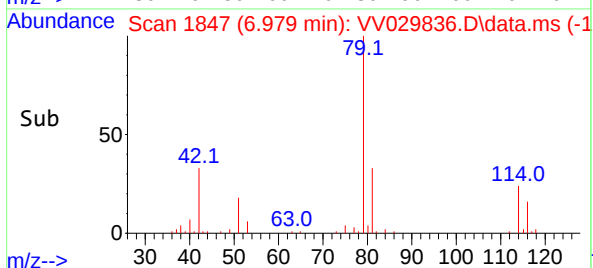
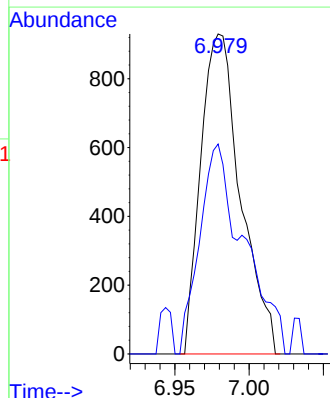
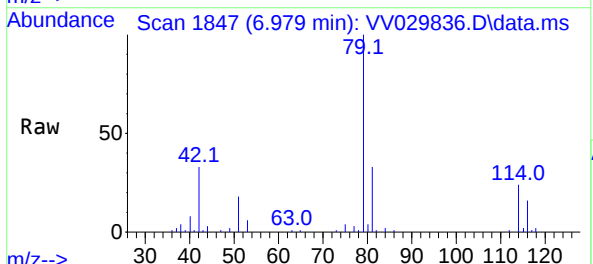
Acq: 14 Jan 2023 02:41

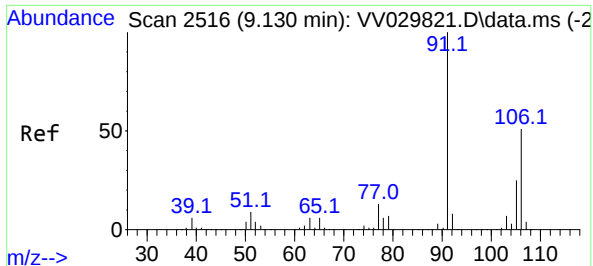
Tgt Ion: 75 Resp: 1736

Ion Ratio Lower Upper

75 100

77 65.6 22.4 41.6#

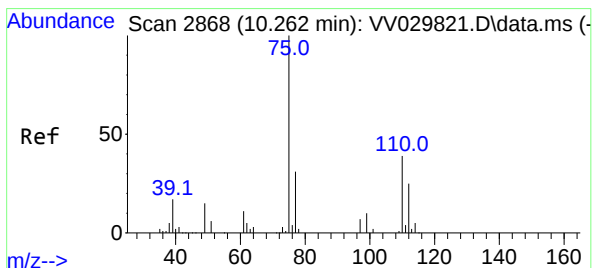
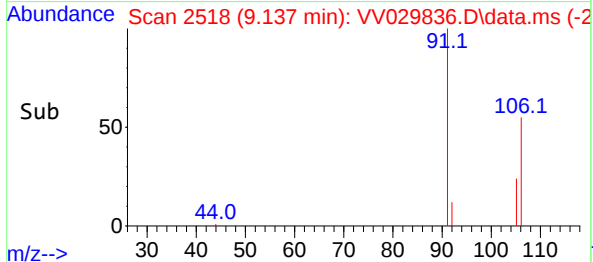
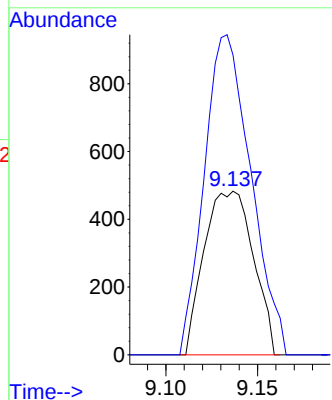
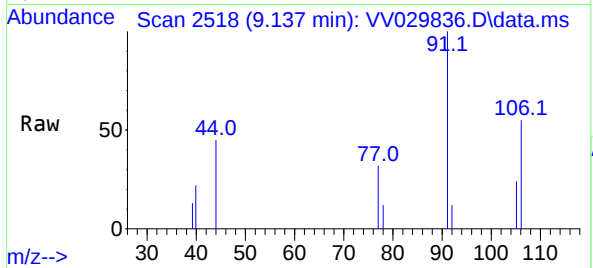




#53
m,p-Xylene
Concen: 0.033 ug/L
RT: 9.137 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV029836.D
Acq: 14 Jan 2023 02:41

Instrument :
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Tgt Ion:106 Resp: 902
Ion Ratio Lower Upper
106 100
91 183.2 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.462 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029836.D
Acq: 14 Jan 2023 02:41

Tgt Ion: 75 Resp: 10566
Ion Ratio Lower Upper
75 100
77 35.8 26.5 39.7
110 2.1 31.8 47.8#

