

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029359.D
 Acq On : 25 Nov 2022 16:36
 Operator : SY/MD
 Sample : N5770-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1M9

Quant Time: Nov 25 21:32:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

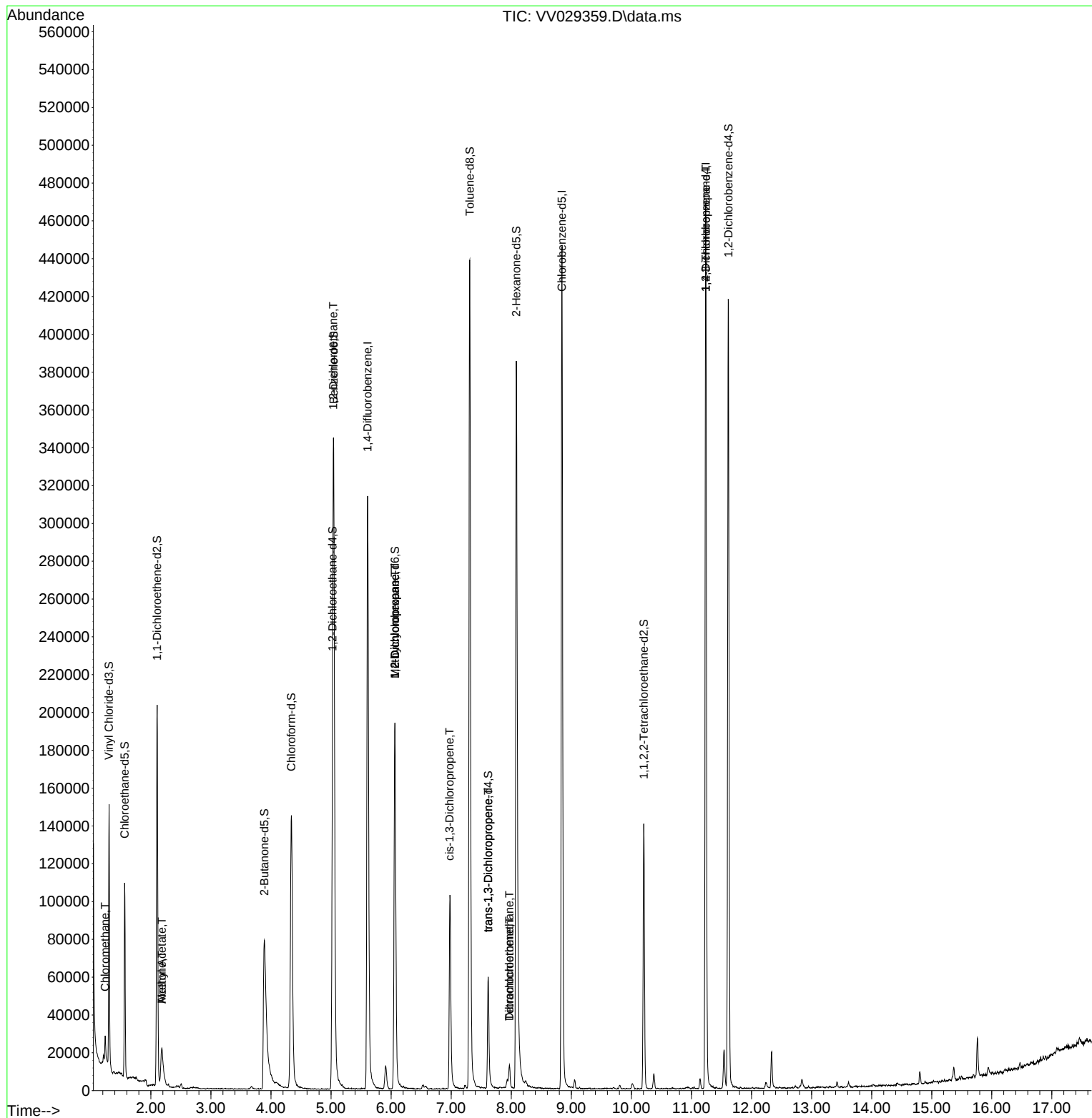
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	293487	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	260852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	126447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87229	4.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.564	69	66227	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.105	63	104924	3.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.889	46	169769	56.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.380%
24) Chloroform-d	4.339	84	156785	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.024	65	73722	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.043	84	340553	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.063	67	103505	5.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.310	98	317080	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.616	79	36084	4.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.085	63	144896	52.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69617	5.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	115096	5.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
3) Chloromethane	1.240	50	10398	0.518	ug/L	96
13) Acetone	2.182	43	37995	17.295	ug/L	98
15) Methyl Acetate	2.182	43	36021	5.705	ug/L #	52
27) 1,2-Dichloroethane	5.037	62	1701	0.096	ug/L #	72
35) Methylcyclohexane	6.063	83	24527	0.730	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10769	0.586	ug/L #	85
39) cis-1,3-Dichloropropene	6.976	75	2717	0.101	ug/L #	56
44) trans-1,3-Dichloropropene	7.616	75	1537	0.072	ug/L #	75
47) Tetrachloroethene	7.969	164	2916	0.179	ug/L	86
49) Dibromochloromethane	7.969	129	2620	0.187	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	14312	1.632	ug/L #	66

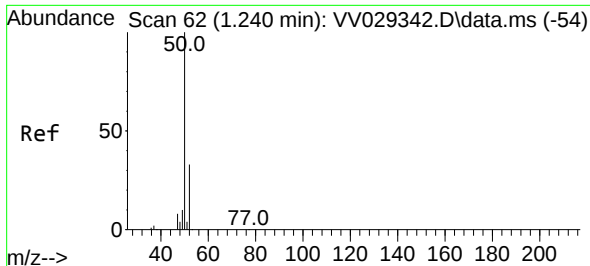
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029359.D
Acq On : 25 Nov 2022 16:36
Operator : SY/MD
Sample : N5770-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH1M9

Quant Time: Nov 25 21:32:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 25 21:27:54 2022
Response via : Initial Calibration

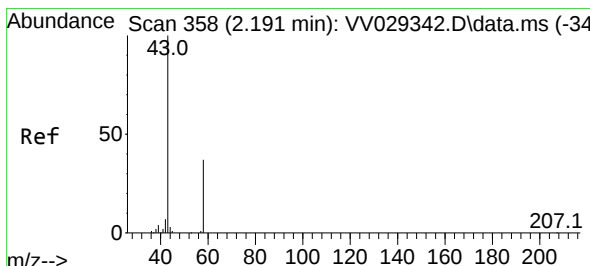
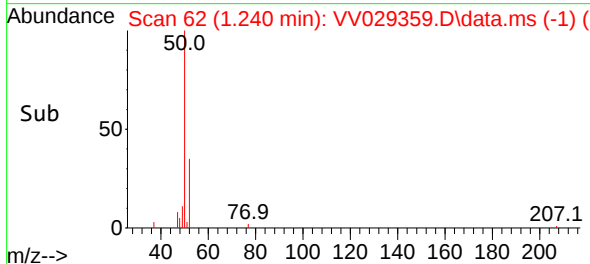
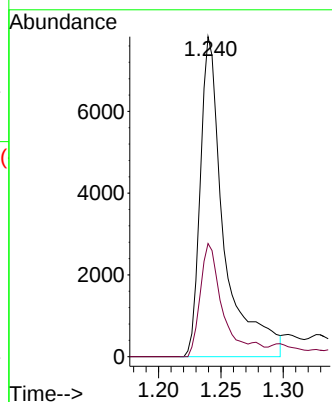
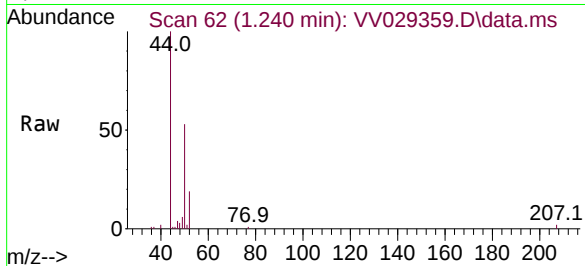




#3
Chloromethane
Concen: 0.518 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029359.D
Acq: 25 Nov 2022 16:36

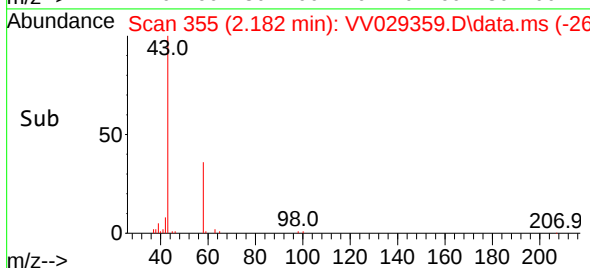
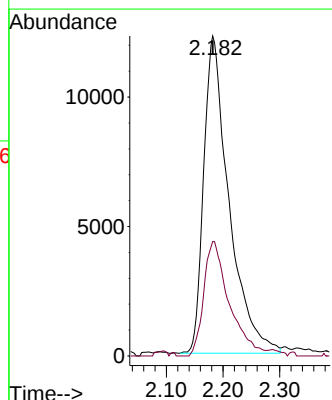
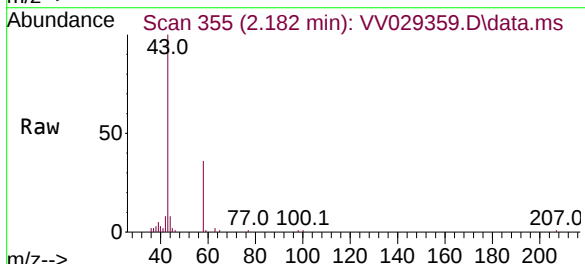
Instrument :
MSVOA_V
ClientSampleId :
BH1M9

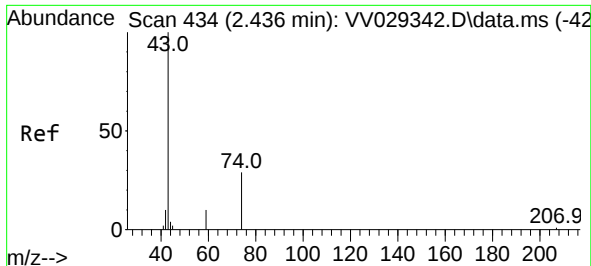
Tgt Ion: 50 Resp: 10398
Ion Ratio Lower Upper
50 100
52 35.4 23.2 43.2



#13
Acetone
Concen: 17.295 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.010 min
Lab File: VV029359.D
Acq: 25 Nov 2022 16:36

Tgt Ion: 43 Resp: 37995
Ion Ratio Lower Upper
43 100
58 36.3 0.0 70.8

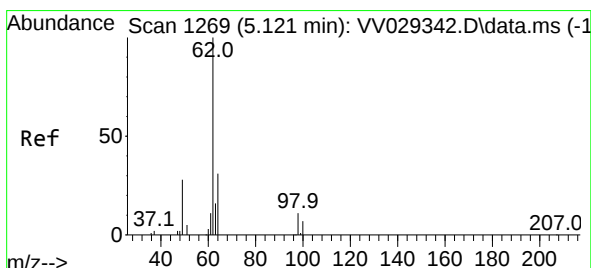
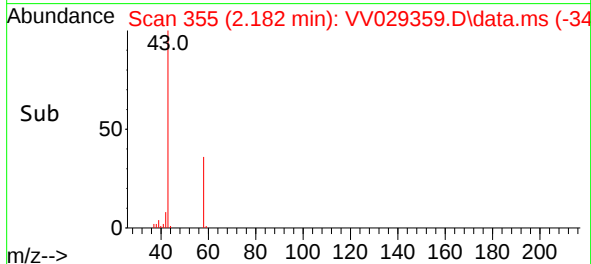
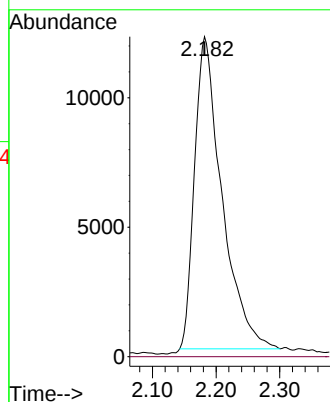
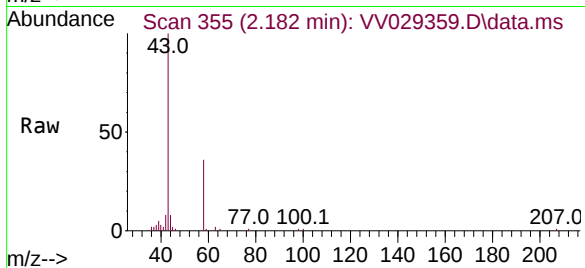




#15
Methyl Acetate
Concen: 5.705 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.254 min
Lab File: VV029359.D
Acq: 25 Nov 2022 16:36

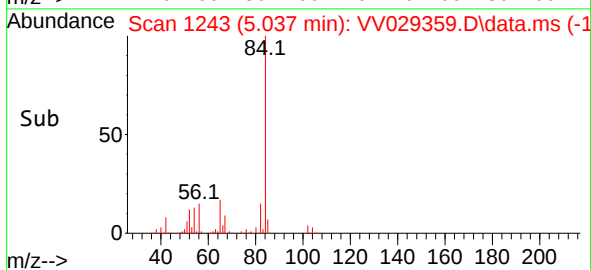
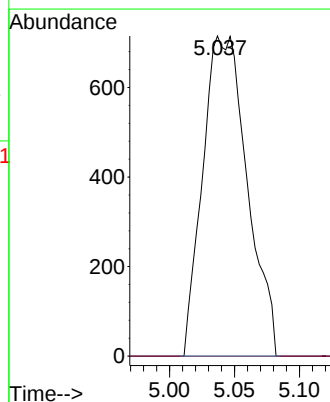
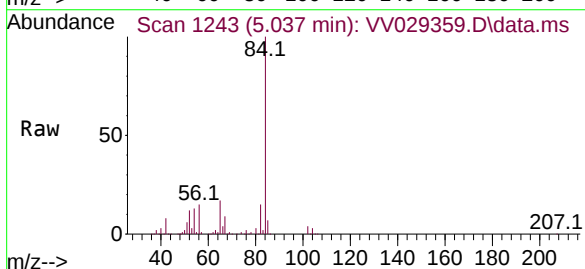
Instrument :
MSVOA_V
ClientSampleId :
BH1M9

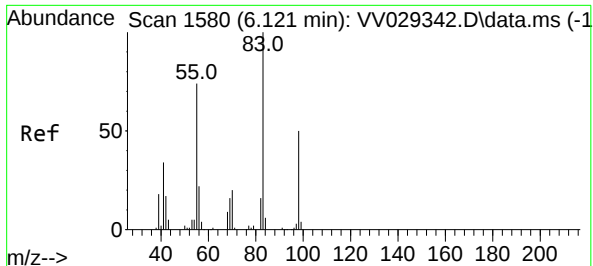
Tgt Ion: 43 Resp: 36021
Ion Ratio Lower Upper
43 100
74 0.7 19.6 29.4#



#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.084 min
Lab File: VV029359.D
Acq: 25 Nov 2022 16:36

Tgt Ion: 62 Resp: 1701
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029359.D

Acq: 25 Nov 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

BH1M9

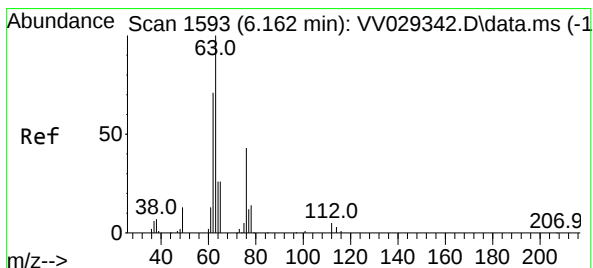
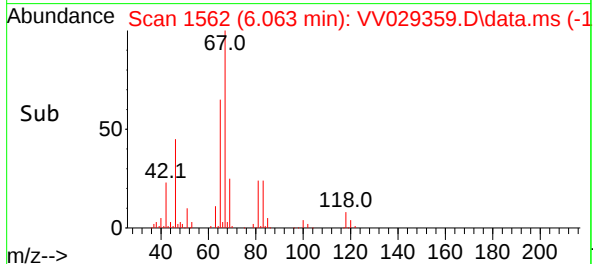
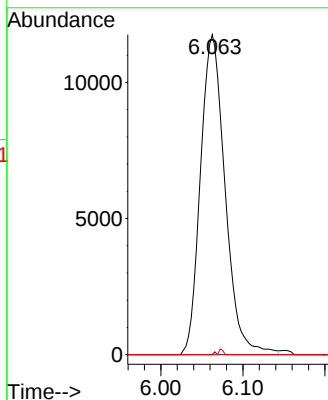
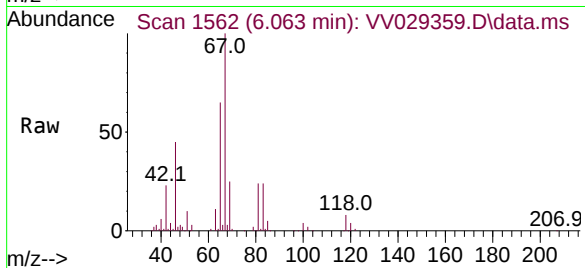
Tgt Ion: 83 Resp: 24527

Ion Ratio Lower Upper

83 100

55 0.1 55.4 83.2#

98 0.3 39.4 59.2#



#37

1,2-Dichloropropane

Concen: 0.586 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.100 min

Lab File: VV029359.D

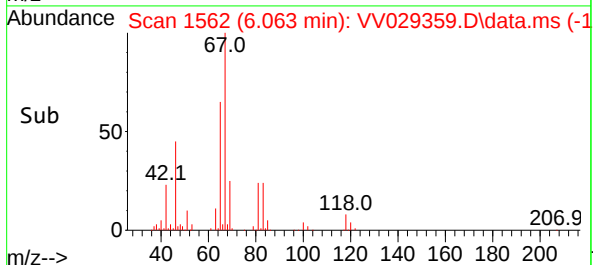
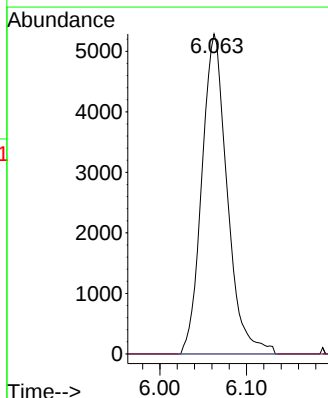
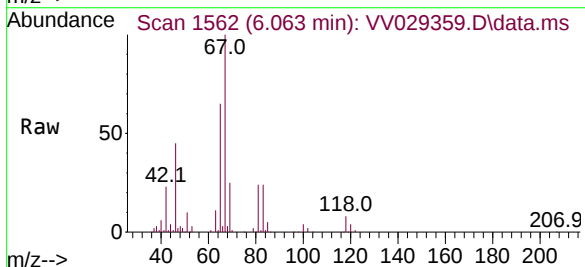
Acq: 25 Nov 2022 16:36

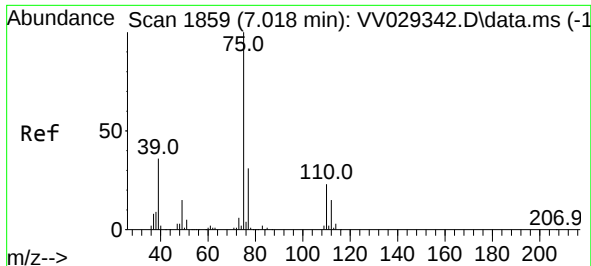
Tgt Ion: 63 Resp: 10769

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.976 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV029359.D

Acq: 25 Nov 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

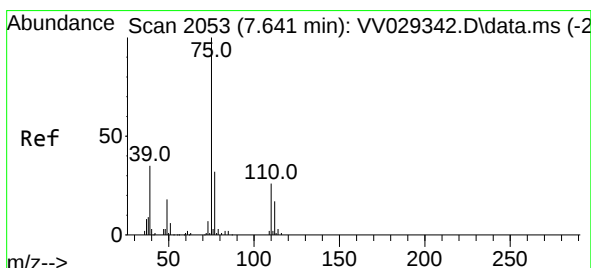
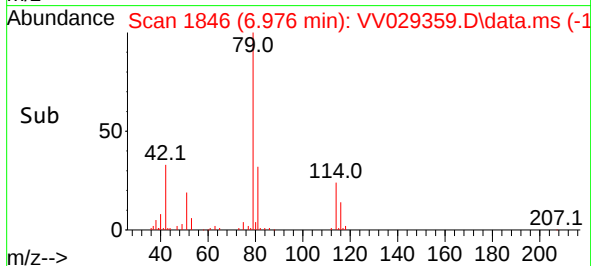
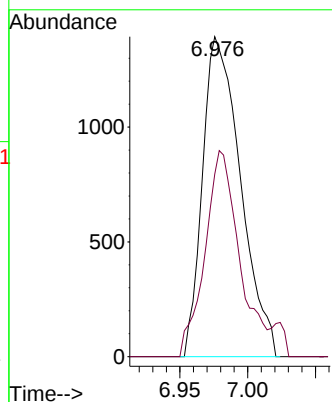
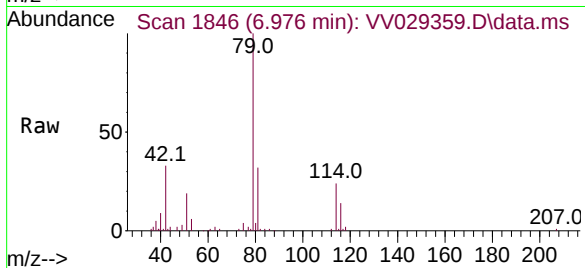
BH1M9

Tgt Ion: 75 Resp: 2717

Ion Ratio Lower Upper

75 100

77 57.0 22.7 42.3#



#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.026 min

Lab File: VV029359.D

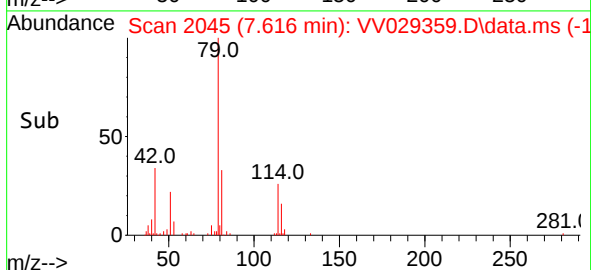
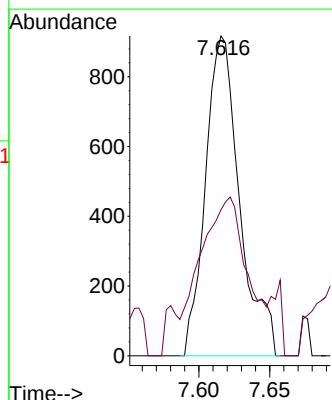
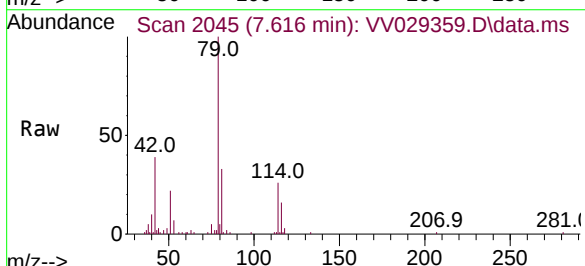
Acq: 25 Nov 2022 16:36

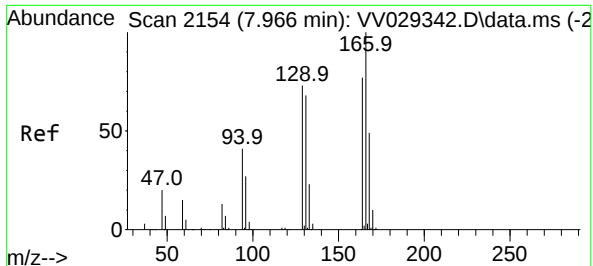
Tgt Ion: 75 Resp: 1537

Ion Ratio Lower Upper

75 100

77 45.7 22.4 41.6#





#47

Tetrachloroethene

Concen: 0.179 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029359.D

Acq: 25 Nov 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

BH1M9

Tgt Ion:164 Resp: 2916

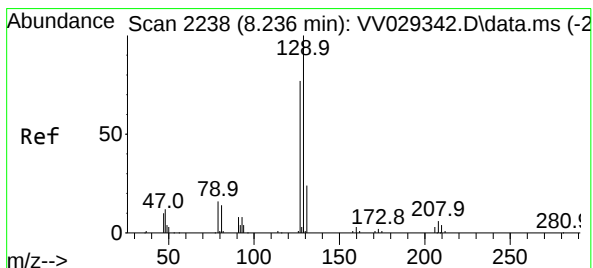
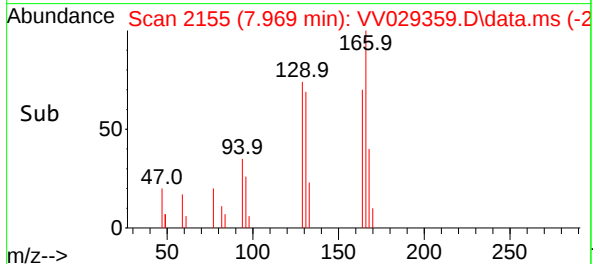
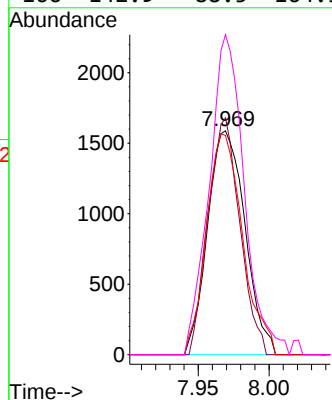
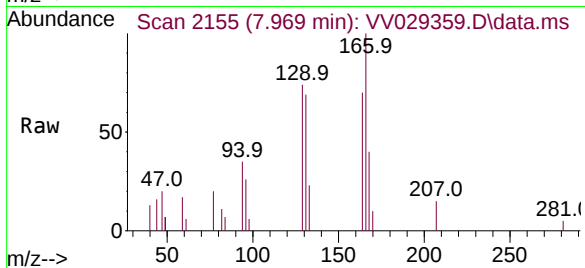
Ion Ratio Lower Upper

164 100

129 105.8 61.7 114.7

131 97.9 62.9 116.9

166 142.9 88.5 164.3



#49

Dibromochloromethane

Concen: 0.187 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029359.D

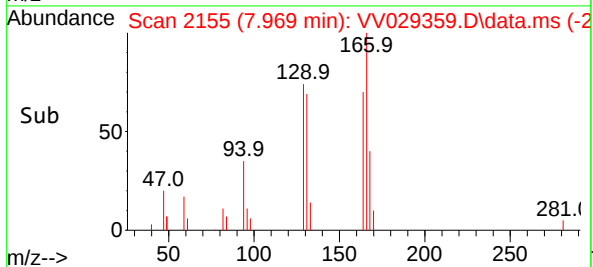
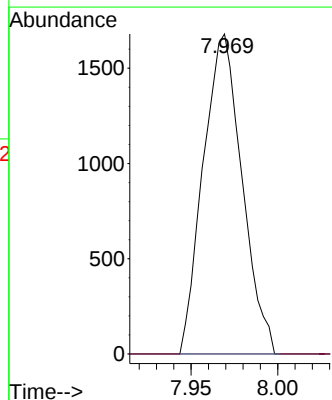
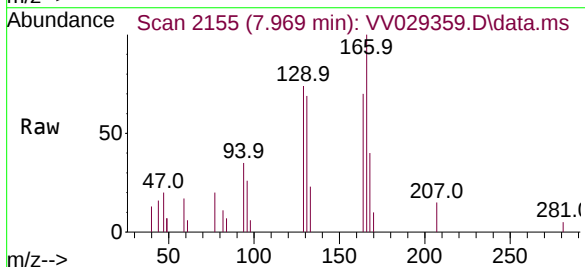
Acq: 25 Nov 2022 16:36

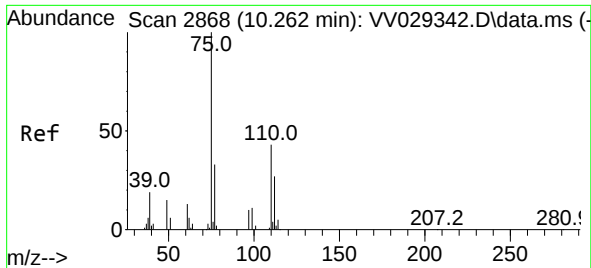
Tgt Ion:129 Resp: 2620

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#





#61

1,2,3-Trichloropropane

Concen: 1.632 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV029359.D

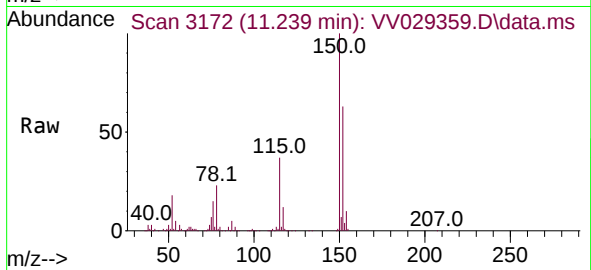
Acq: 25 Nov 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

BH1M9



Tgt Ion: 75 Resp: 14312

Ion Ratio Lower Upper

75 100

77 33.9 26.7 40.1

110 2.3 32.2 48.4#

