

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025109.D
 Acq On : 21 Mar 2022 11:17
 Operator : SY/MD
 Sample : N2044-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 12:13:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

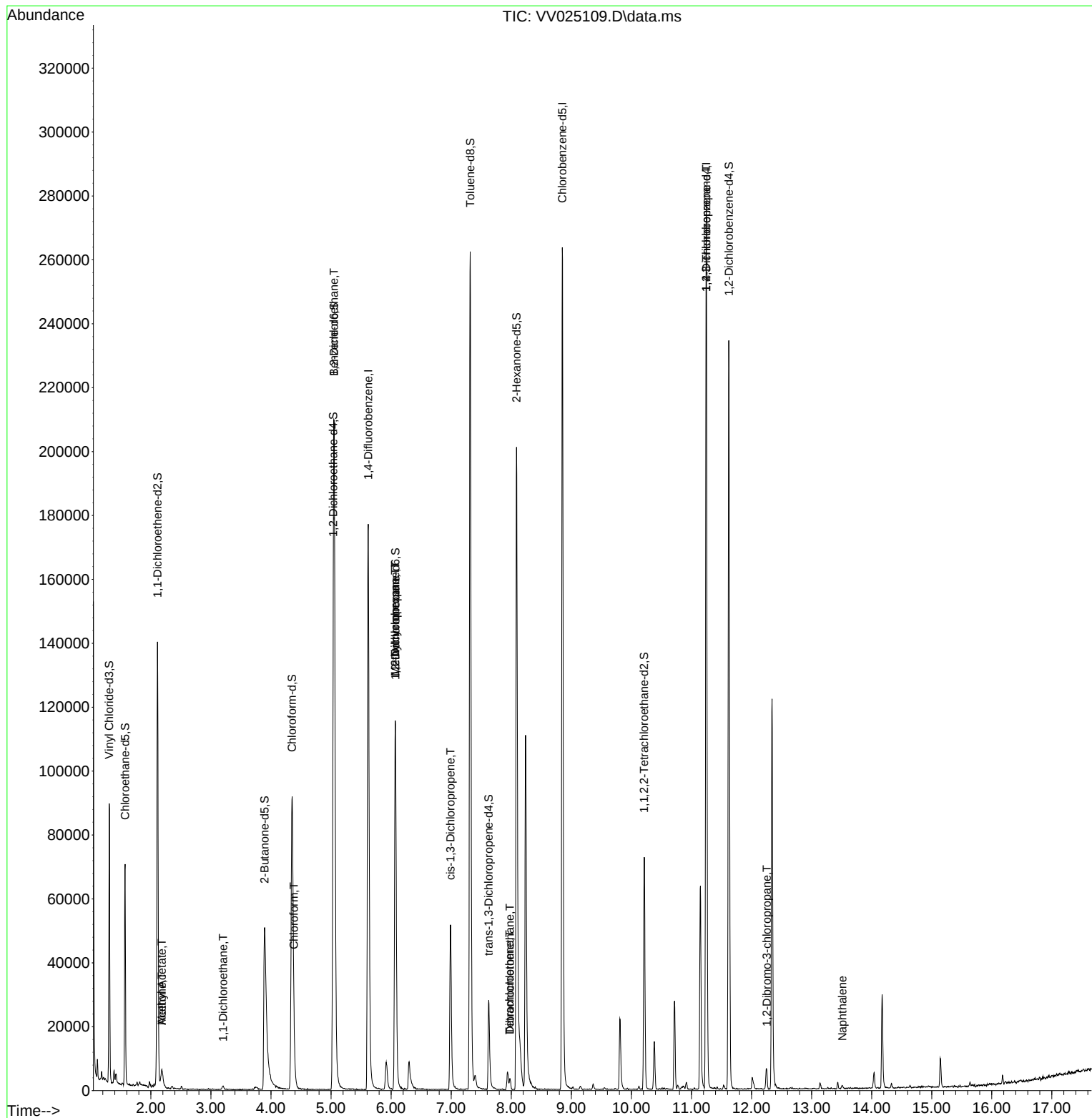
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	161730	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	70885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54670	4.282	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.571	69	44530	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.111	63	71245	3.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.892	46	94472	61.222	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.440%
24) Chloroform-d	4.352	84	99546	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.037	65	43031	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	208762	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	60688	4.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.317	98	181447	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.625	79	19181	4.369	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.088	63	78367	52.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37136	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	60621	5.052	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
13) Acetone	2.182	43	9482	9.188	ug/L	69
15) Methyl Acetate	2.182	43	8601	3.042	ug/L #	44
19) 1,1-Dichloroethane	3.201	63	1537	0.073	ug/L #	89
25) Chloroform	4.381	83	9644	0.439	ug/L	95
27) 1,2-Dichloroethane	5.050	62	1062	0.097	ug/L #	71
35) Methylcyclohexane	6.069	83	14595	0.705	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6226	0.552	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1257	0.080	ug/L #	46
47) Tetrachloroethene	7.976	164	819	0.089	ug/L	89
49) Dibromochloromethane	7.979	129	820	0.097	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	8614	1.445	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.255	75	212	0.207	ug/L #	1
71) Naphthalene	13.513	128	1470	0.069	ug/L #	76

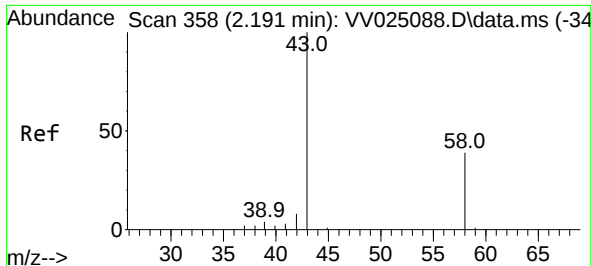
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.188 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV025109.D

Acq: 21 Mar 2022 11:17

Instrument :

MSVOA_V

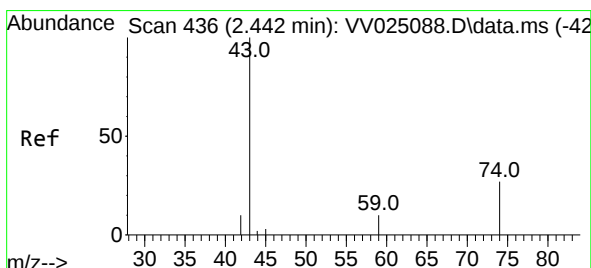
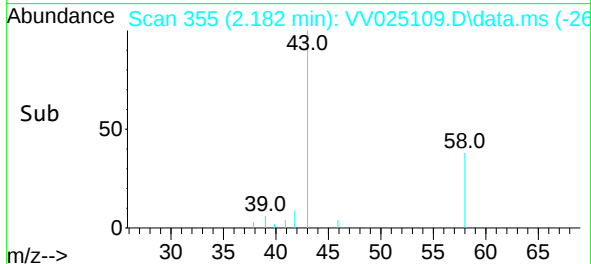
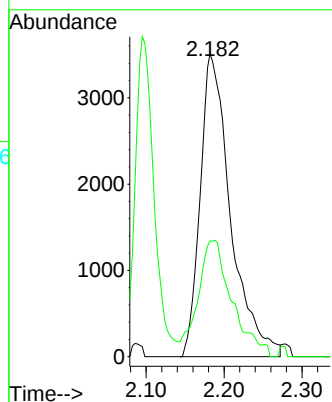
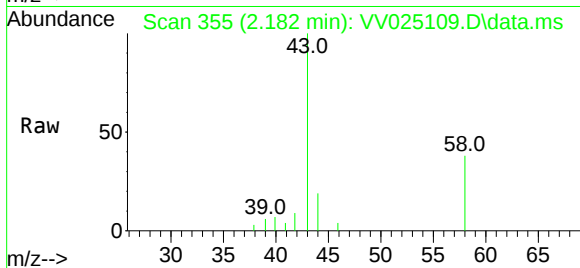
ClientSampleId :

Tgt Ion: 43 Resp: 9482

Ion Ratio Lower Upper

43 100

58 43.1 0.0 54.2



#15

Methyl Acetate

Concen: 3.042 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.260 min

Lab File: VV025109.D

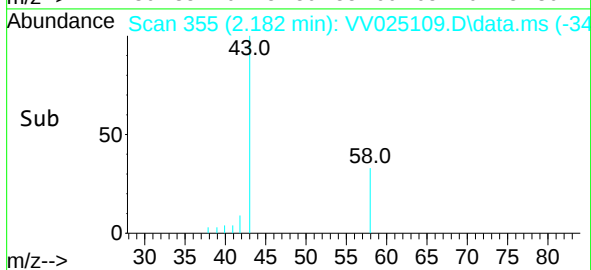
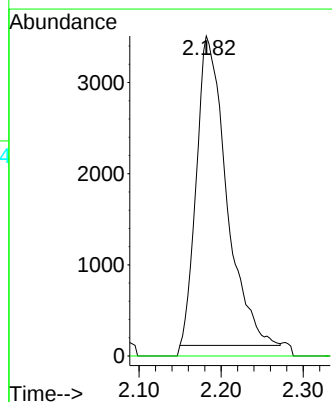
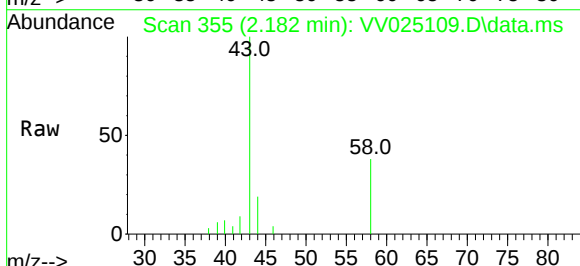
Acq: 21 Mar 2022 11:17

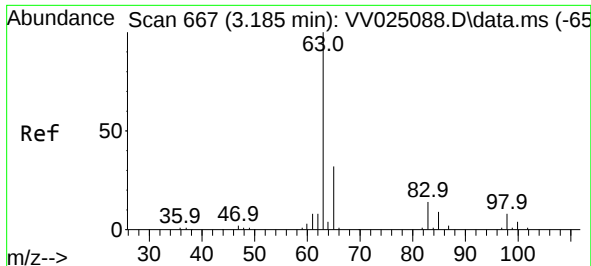
Tgt Ion: 43 Resp: 8601

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.4#





#19

1,1-Dichloroethane

Concen: 0.073 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.016 min

Lab File: VV025109.D

Acq: 21 Mar 2022 11:17

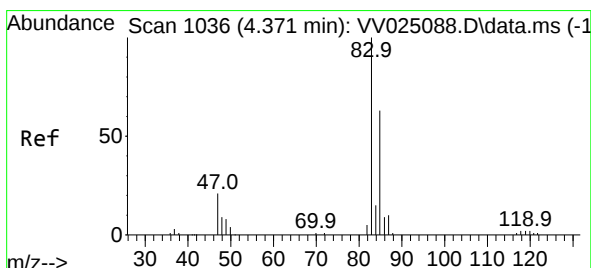
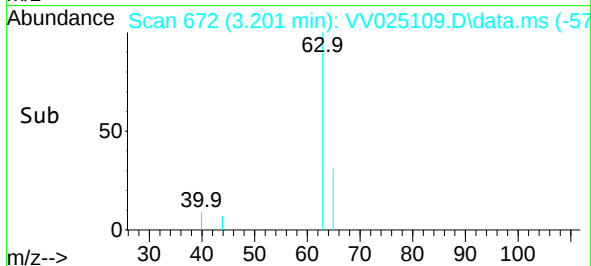
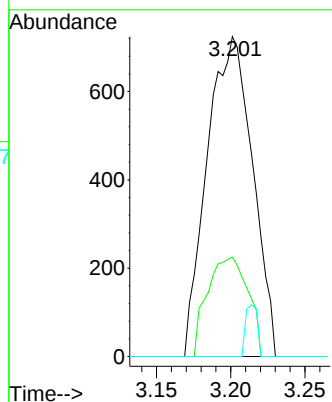
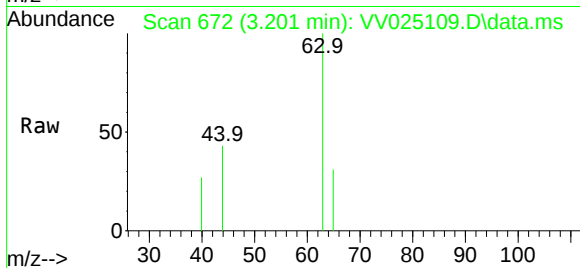
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 1537

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.2	41.2
83	0.0	9.4	17.4



#25

Chloroform

Concen: 0.439 ug/L

RT: 4.381 min Scan# 1039

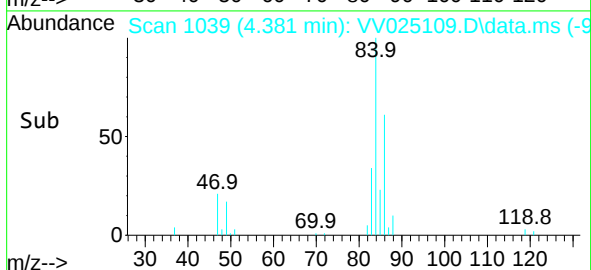
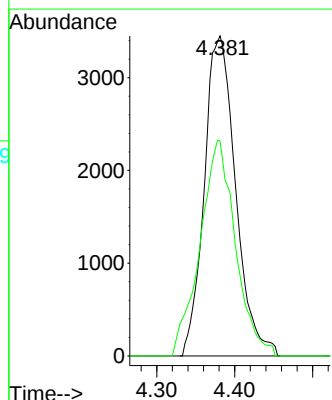
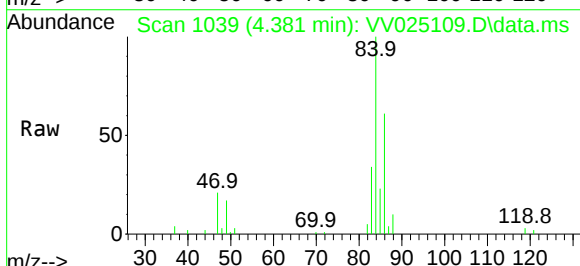
Delta R.T. 0.010 min

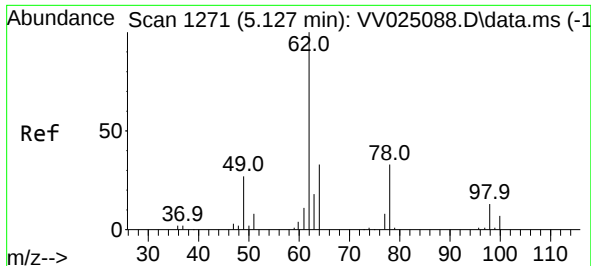
Lab File: VV025109.D

Acq: 21 Mar 2022 11:17

Tgt Ion: 83 Resp: 9644

Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.5	82.7





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025109.D

Acq: 21 Mar 2022 11:17

Instrument :

MSVOA_V

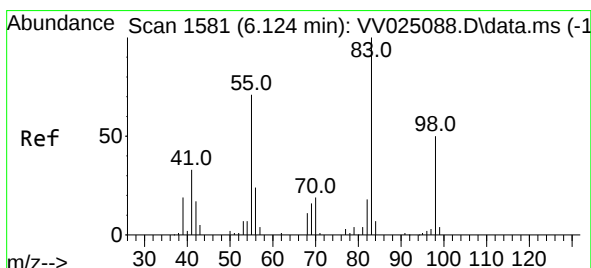
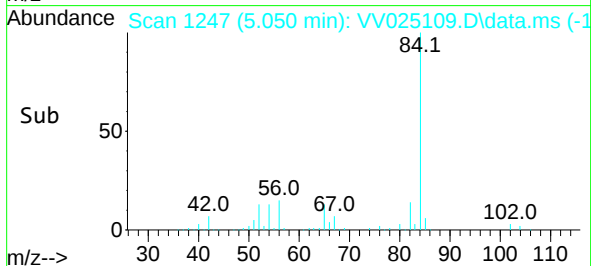
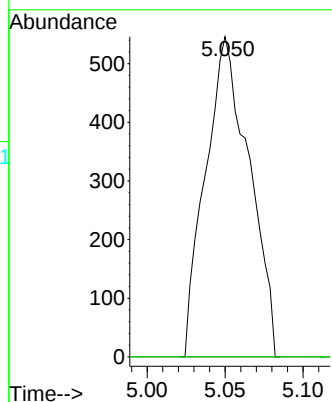
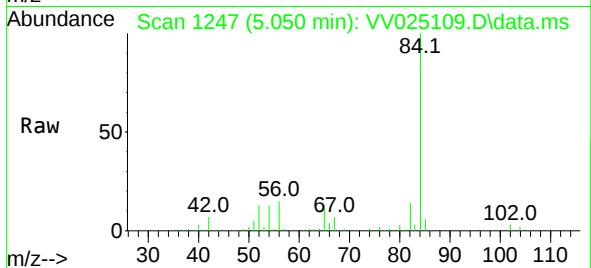
ClientSampleId :

Tgt Ion: 62 Resp: 1062

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.705 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.055 min

Lab File: VV025109.D

Acq: 21 Mar 2022 11:17

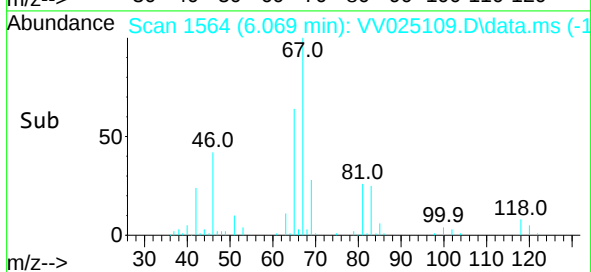
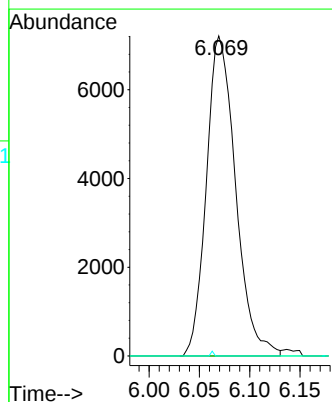
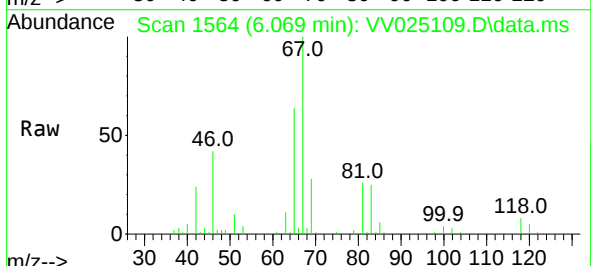
Tgt Ion: 83 Resp: 14595

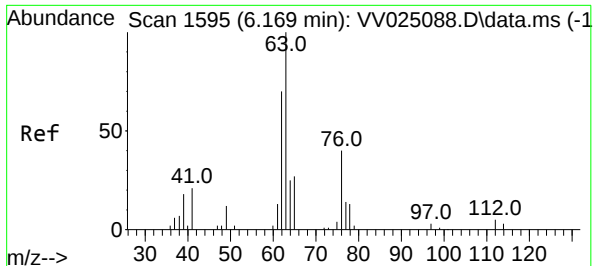
Ion Ratio Lower Upper

83 100

55 0.3 55.4 83.0#

98 0.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.552 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025109.D

Acq: 21 Mar 2022 11:17

Instrument :

MSVOA_V

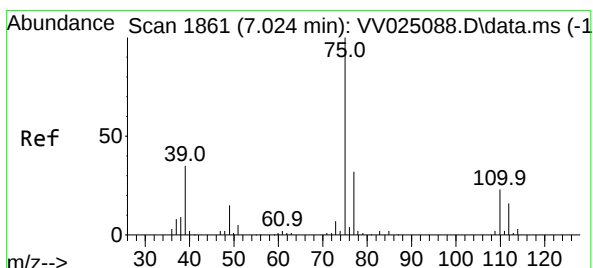
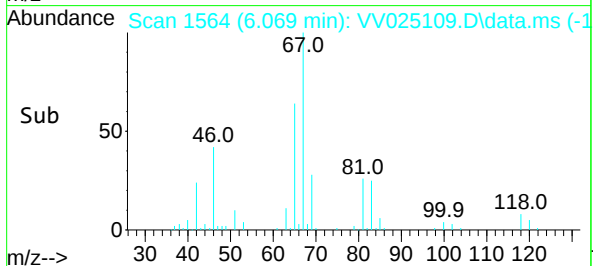
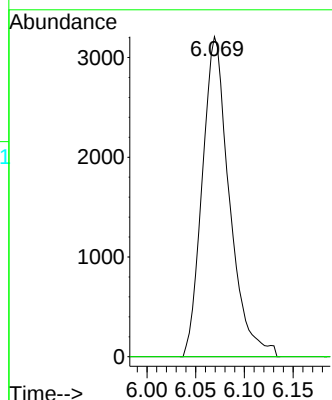
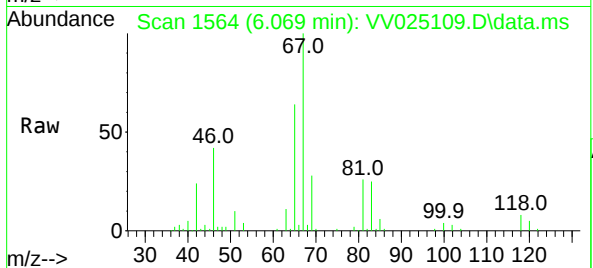
ClientSampleId :

Tgt Ion: 63 Resp: 6226

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025109.D

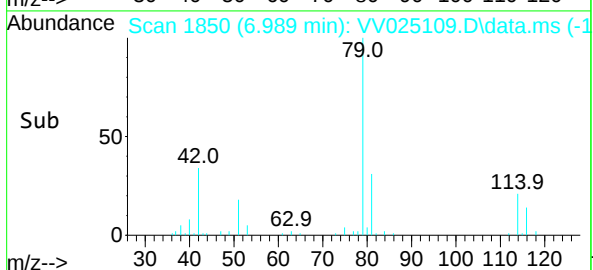
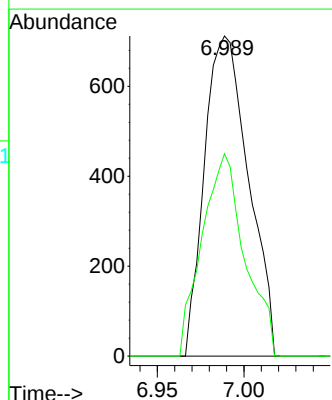
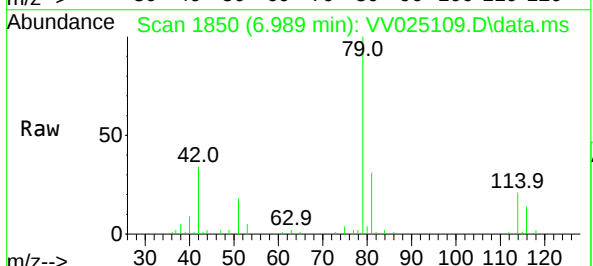
Acq: 21 Mar 2022 11:17

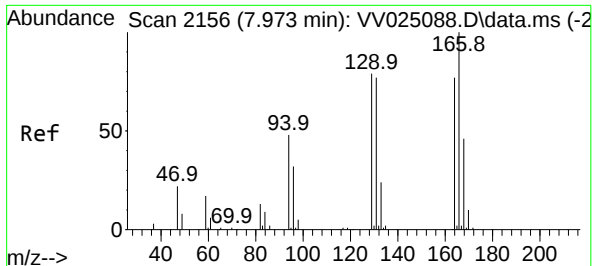
Tgt Ion: 75 Resp: 1257

Ion Ratio Lower Upper

75 100

77 63.2 23.0 42.8#





#47

Tetrachloroethene

Concen: 0.089 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

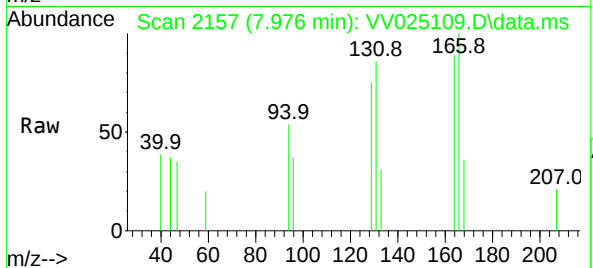
Lab File: VV025109.D

Acq: 21 Mar 2022 11:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 819

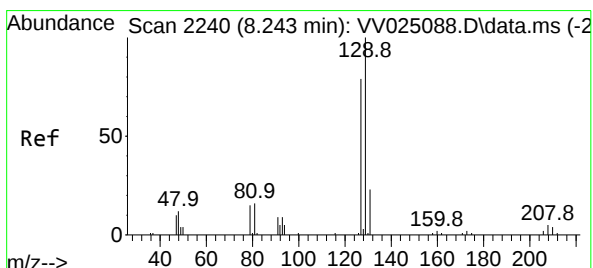
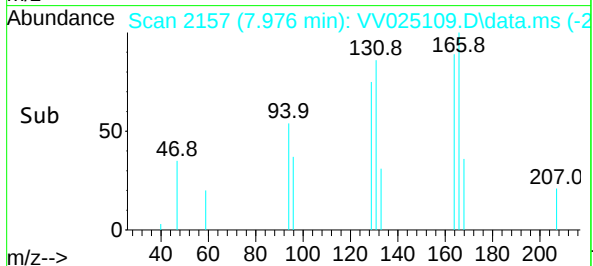
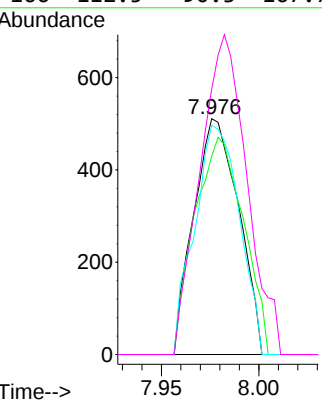
Ion Ratio Lower Upper

164 100

129 84.1 70.3 130.7

131 97.3 69.4 129.0

166 112.5 90.3 167.7



#49

Dibromochloromethane

Concen: 0.097 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025109.D

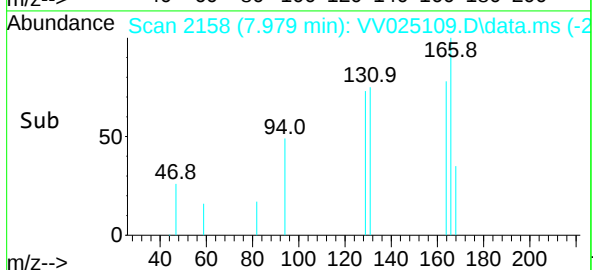
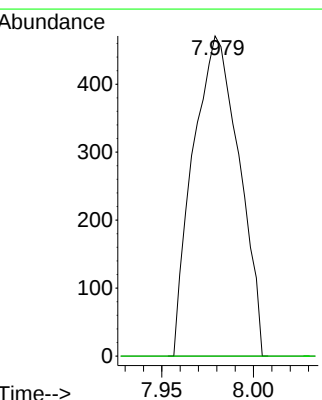
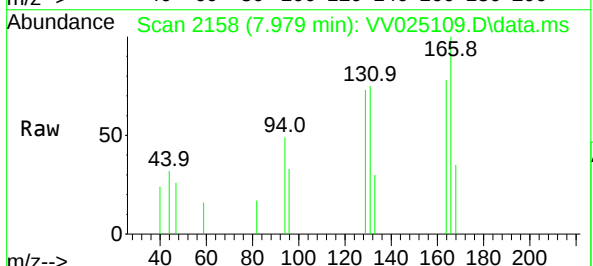
Acq: 21 Mar 2022 11:17

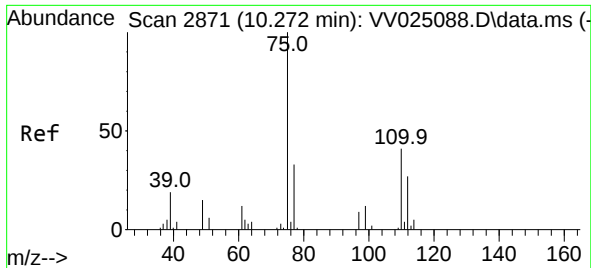
Tgt Ion:129 Resp: 820

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#

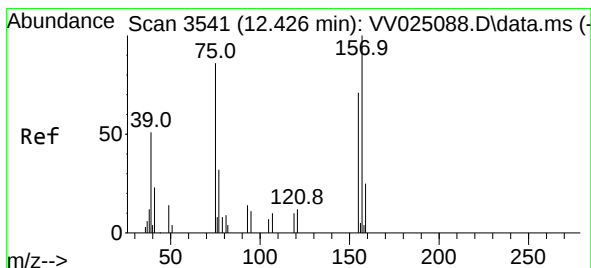
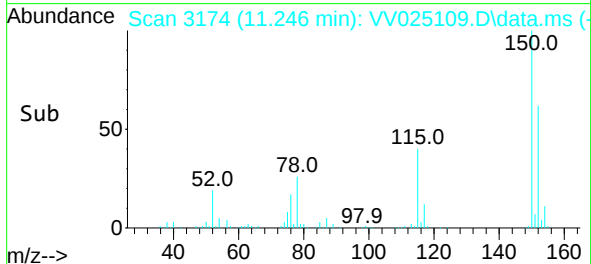
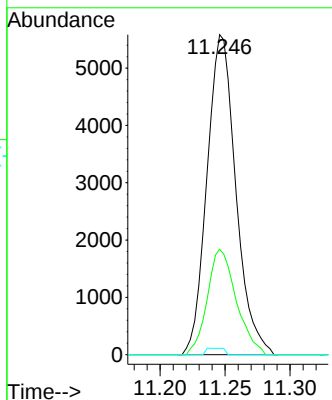
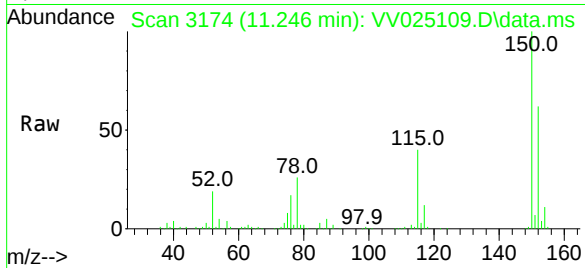




#61
 1,2,3-Trichloropropane
 Concen: 1.445 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025109.D
 Acq: 21 Mar 2022 11:17

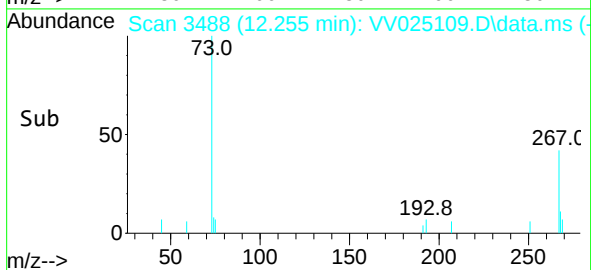
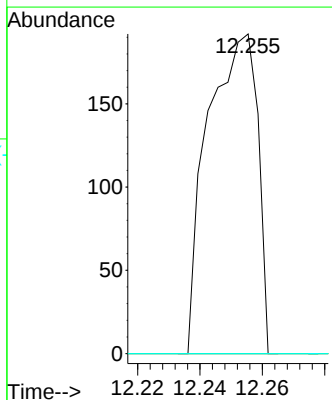
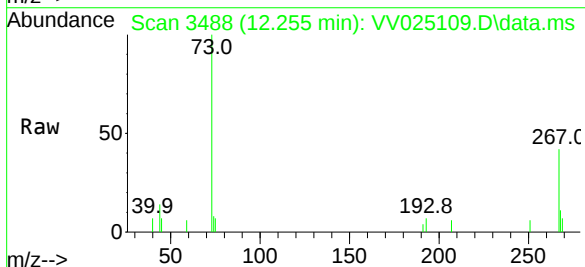
Instrument :
 MSVOA_V
 ClientSampleId :

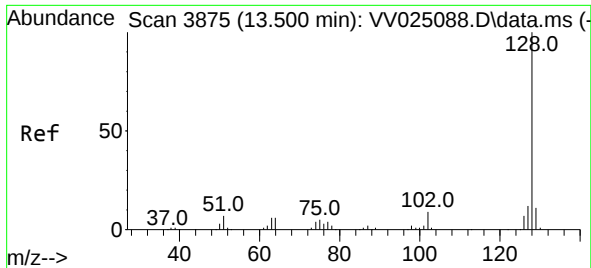
Tgt Ion: 75 Resp: 8614
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5
 110 1.2 31.2 46.8#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.207 ug/L
 RT: 12.255 min Scan# 3488
 Delta R.T. -0.170 min
 Lab File: VV025109.D
 Acq: 21 Mar 2022 11:17

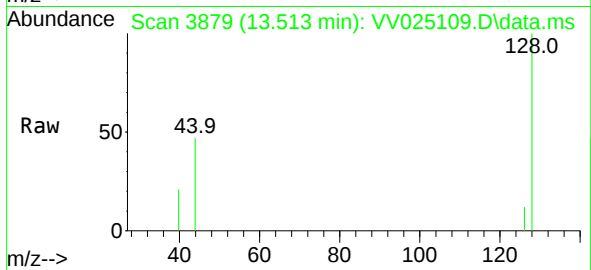
Tgt Ion: 75 Resp: 212
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#





#71
Naphthalene
Concen: 0.069 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV025109.D
Acq: 21 Mar 2022 11:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1470
Ion Ratio Lower Upper
128 100
129 3.1 8.5 12.7#
127 1.3 9.8 14.8#

