

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025051.D
 Acq On : 16 Mar 2022 16:36
 Operator : SY/MD
 Sample : N1933-01RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:04:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

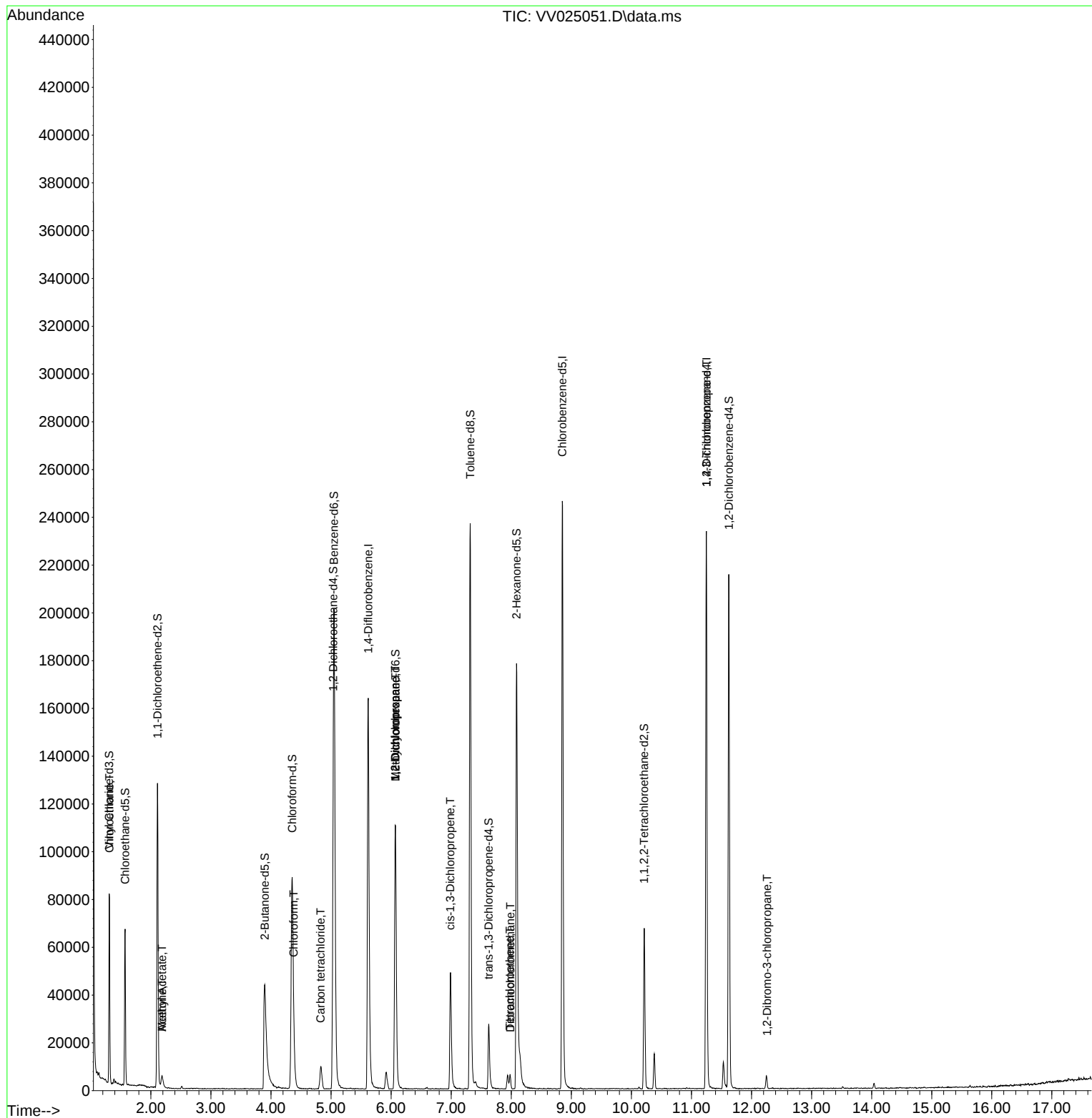
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	147854	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59388	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50334	4.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.571	69	41228	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.111	63	65764	3.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.896	46	85299	60.465	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.940%
24) Chloroform-d	4.352	84	93571	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.037	65	41734	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.050	84	193304	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.072	67	58322	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.317	98	163130	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.625	79	17868	4.384	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.088	63	65992	47.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33856	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53041	5.276	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
8) Chloroethane	1.310	64	705	0.089	ug/L #	1
13) Acetone	2.185	43	8395	8.898	ug/L	85
15) Methyl Acetate	2.185	43	7273	2.814	ug/L #	44
25) Chloroform	4.378	83	11293	0.562	ug/L	96
31) Carbon tetrachloride	4.828	117	7120	0.464	ug/L	96
35) Methylcyclohexane	6.072	83	14350	0.747	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	5857	0.559	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1275	0.088	ug/L	87
47) Tetrachloroethene	7.979	164	1298	0.152	ug/L	90
49) Dibromochloromethane	7.985	129	1453	0.185	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	7781	1.558	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.259	75	177	0.207	ug/L #	1

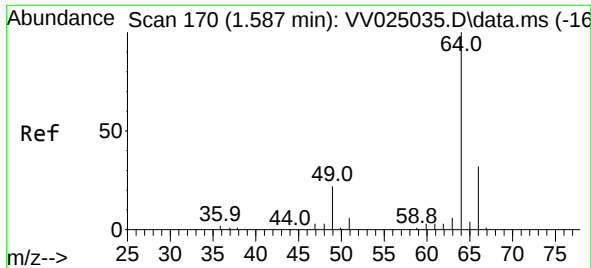
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.277 min

Lab File: VV025051.D

Acq: 16 Mar 2022 16:36

Instrument :

MSVOA_V

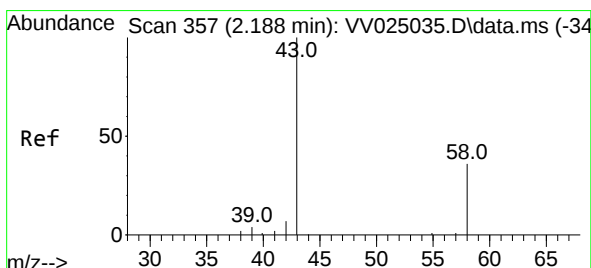
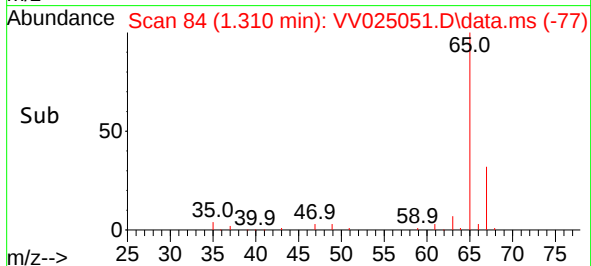
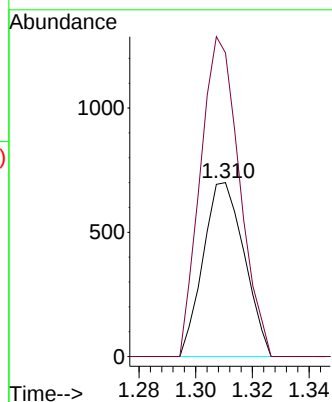
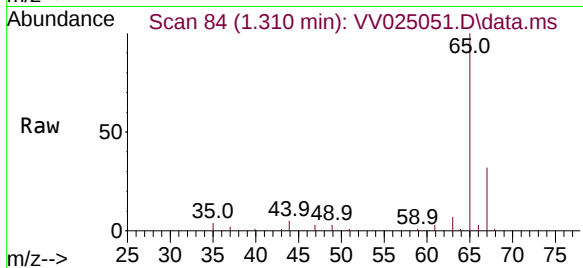
ClientSampleId :

Tgt Ion: 64 Resp: 705

Ion Ratio Lower Upper

64 100

66 174.6 22.5 41.7#



#13

Acetone

Concen: 8.898 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.003 min

Lab File: VV025051.D

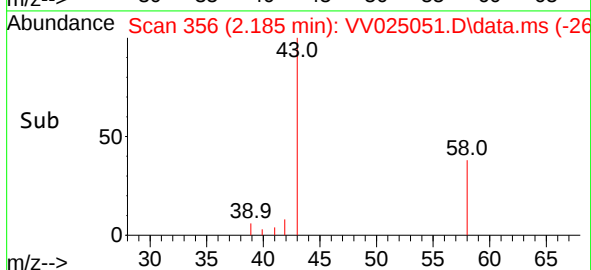
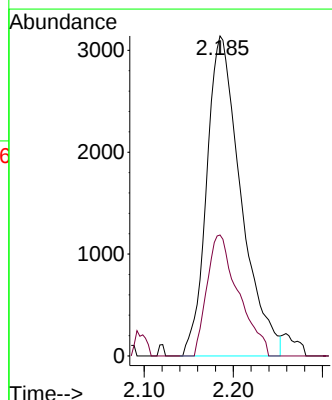
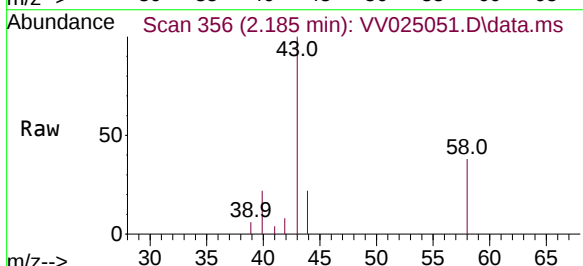
Acq: 16 Mar 2022 16:36

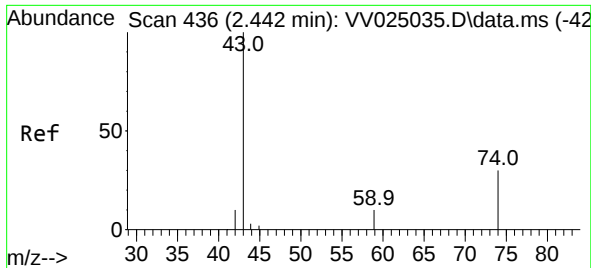
Tgt Ion: 43 Resp: 8395

Ion Ratio Lower Upper

43 100

58 34.7 0.0 54.2

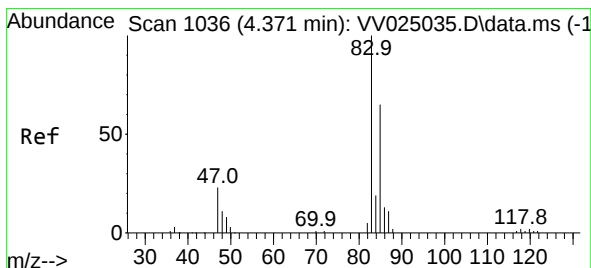
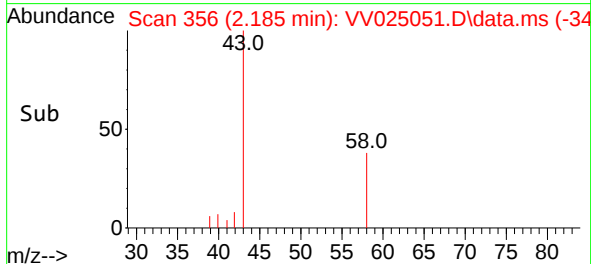
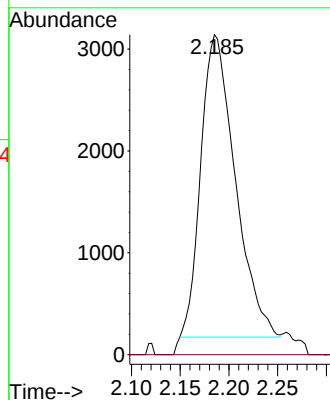
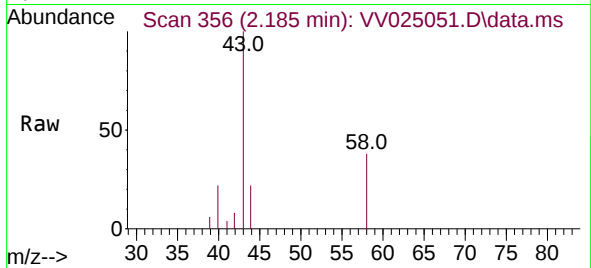




#15
Methyl Acetate
Concen: 2.814 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV025051.D
Acq: 16 Mar 2022 16:36

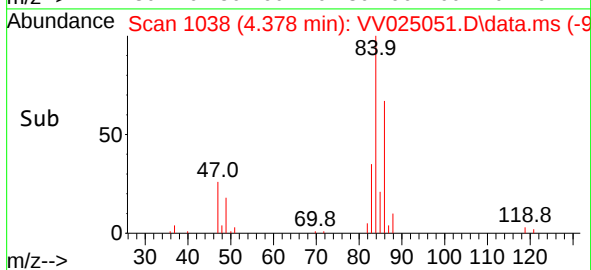
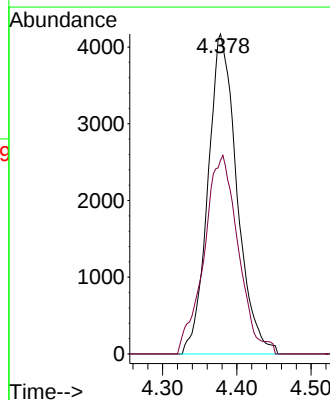
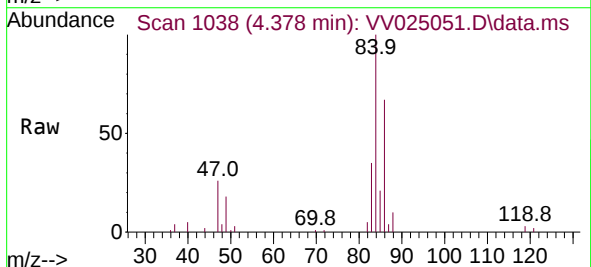
Instrument :
MSVOA_V
ClientSampleId :

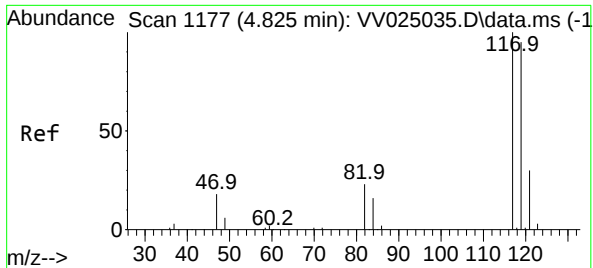
Tgt Ion: 43 Resp: 7273
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#25
Chloroform
Concen: 0.562 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025051.D
Acq: 16 Mar 2022 16:36

Tgt Ion: 83 Resp: 11293
Ion Ratio Lower Upper
83 100
85 60.6 44.5 82.7

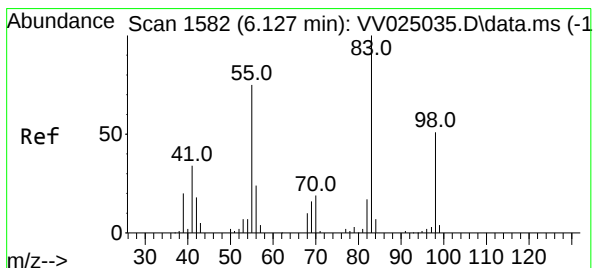
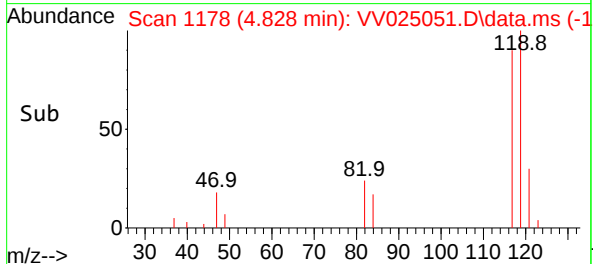
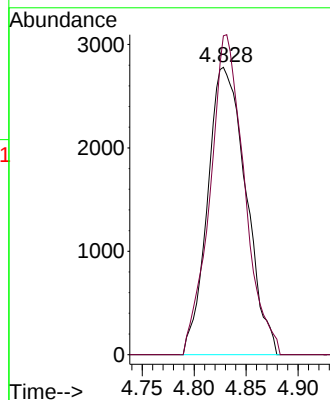
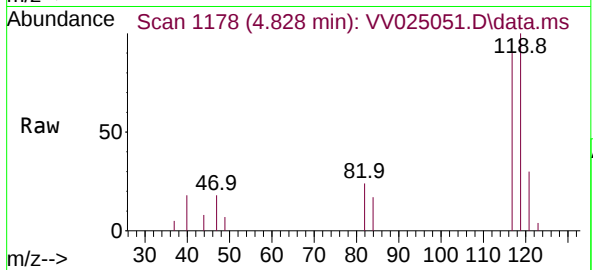




#31
Carbon tetrachloride
Concen: 0.464 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025051.D
Acq: 16 Mar 2022 16:36

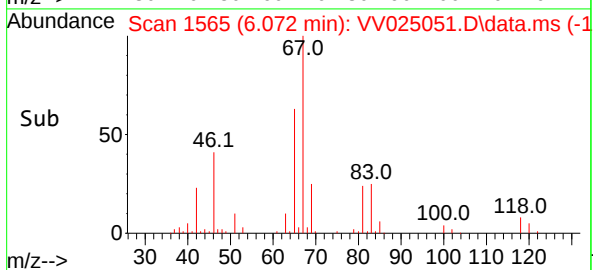
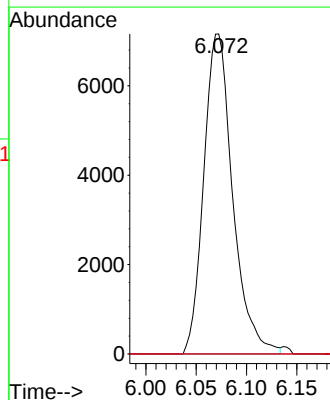
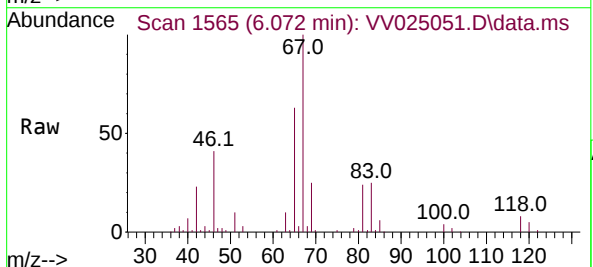
Instrument :
MSVOA_V
ClientSampleId :

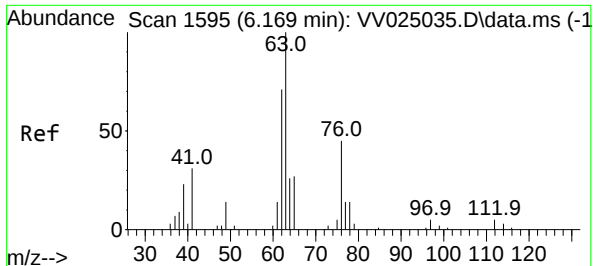
Tgt Ion:117 Resp: 7120
Ion Ratio Lower Upper
117 100
119 100.1 76.8 115.2



#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025051.D
Acq: 16 Mar 2022 16:36

Tgt Ion: 83 Resp: 14350
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 1.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025051.D

Acq: 16 Mar 2022 16:36

Instrument :

MSVOA_V

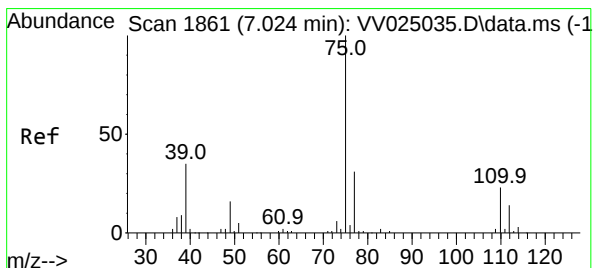
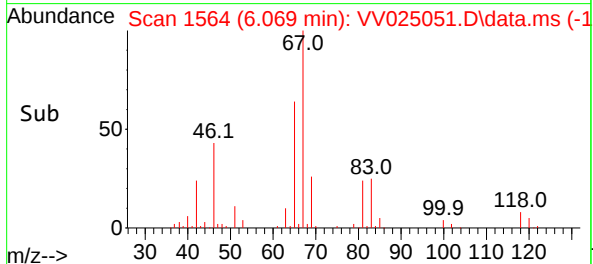
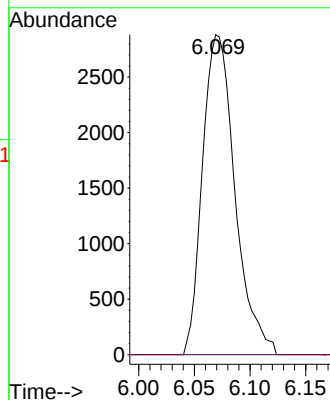
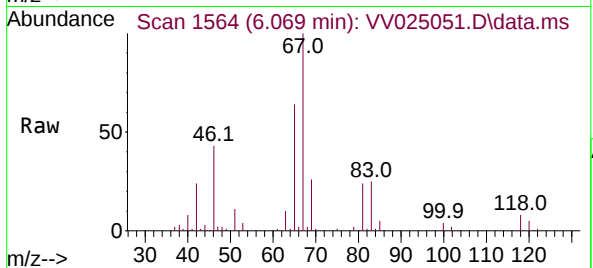
ClientSampleId :

Tgt Ion: 63 Resp: 5857

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV025051.D

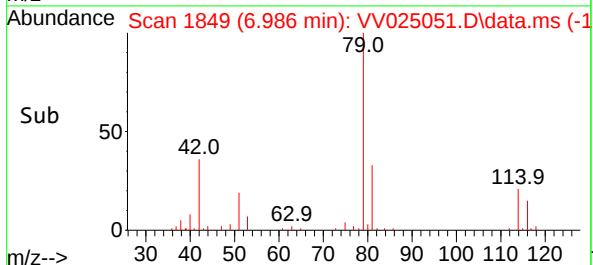
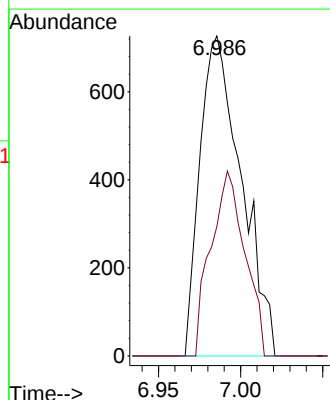
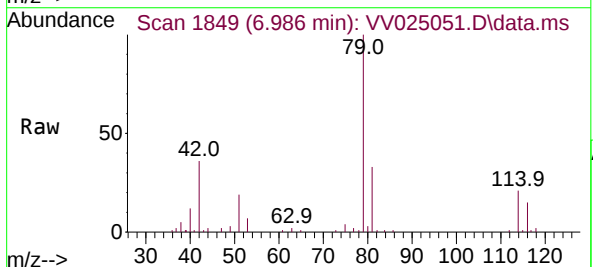
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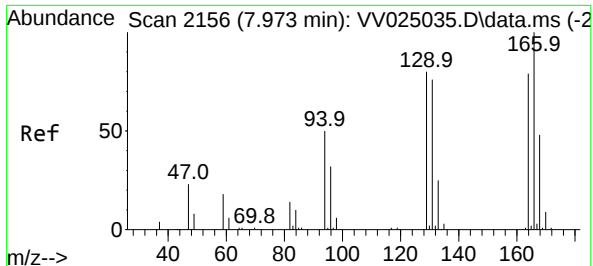
Tgt Ion: 75 Resp: 1275

Ion Ratio Lower Upper

75 100

77 40.4 23.0 42.8





#47

Tetrachloroethene

Concen: 0.152 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

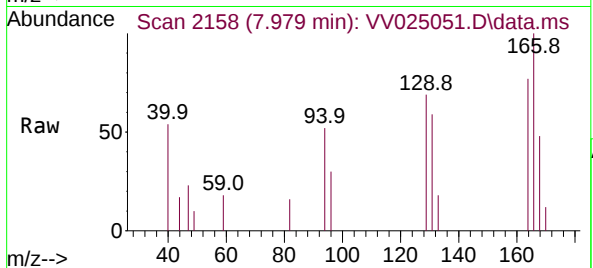
Lab File: VV025051.D

Acq: 16 Mar 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1298

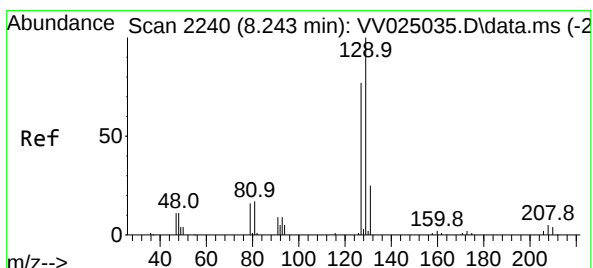
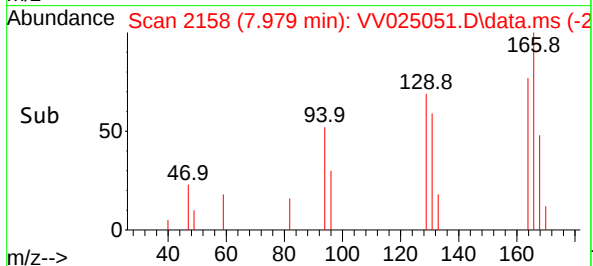
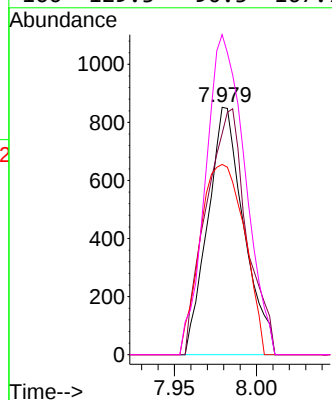
Ion Ratio Lower Upper

164 100

129 89.3 70.3 130.7

131 76.9 69.4 129.0

166 129.3 90.3 167.7



#49

Dibromochloromethane

Concen: 0.185 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.257 min

Lab File: VV025051.D

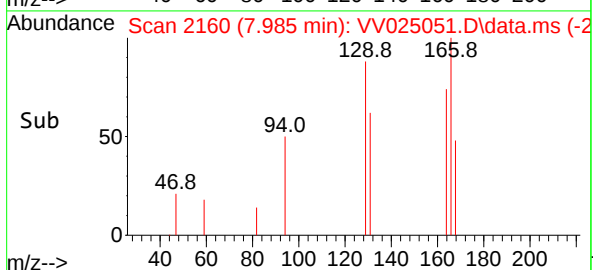
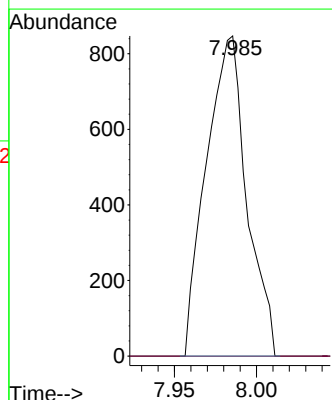
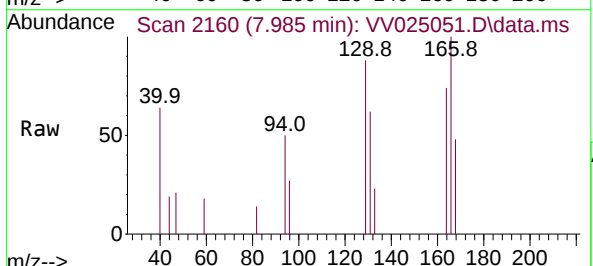
Acq: 16 Mar 2022 16:36

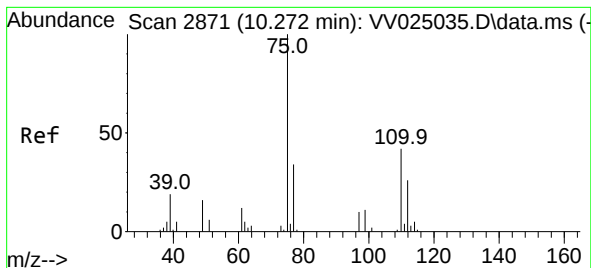
Tgt Ion:129 Resp: 1453

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#





#61

1,2,3-Trichloropropane

Concen: 1.558 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025051.D

Acq: 16 Mar 2022 16:36

Instrument :

MSVOA_V

ClientSampleId :

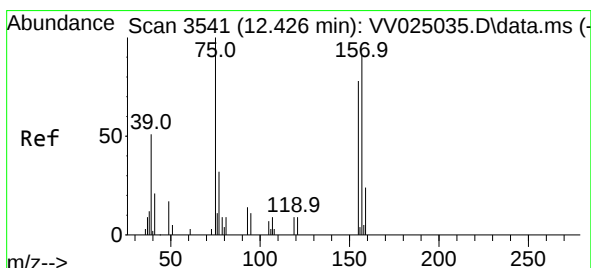
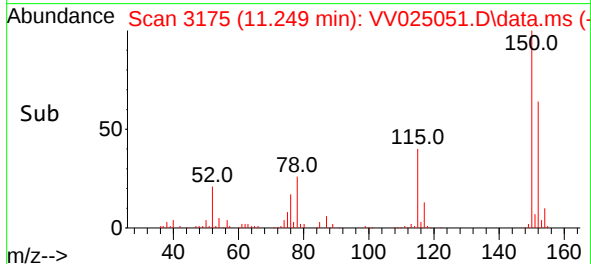
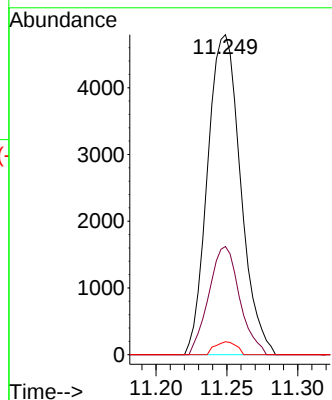
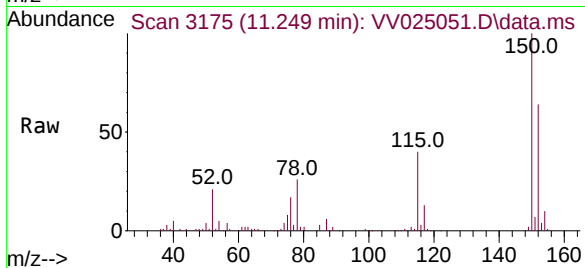
Tgt Ion: 75 Resp: 7781

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

110 2.6 31.2 46.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.207 ug/L

RT: 12.259 min Scan# 3489

Delta R.T. -0.167 min

Lab File: VV025051.D

Acq: 16 Mar 2022 16:36

Tgt Ion: 75 Resp: 177

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

