

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021406.D
 Acq On : 25 May 2021 22:25
 Operator : SY/MD
 Sample : M3496-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB456

Quant Time: May 26 07:55:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

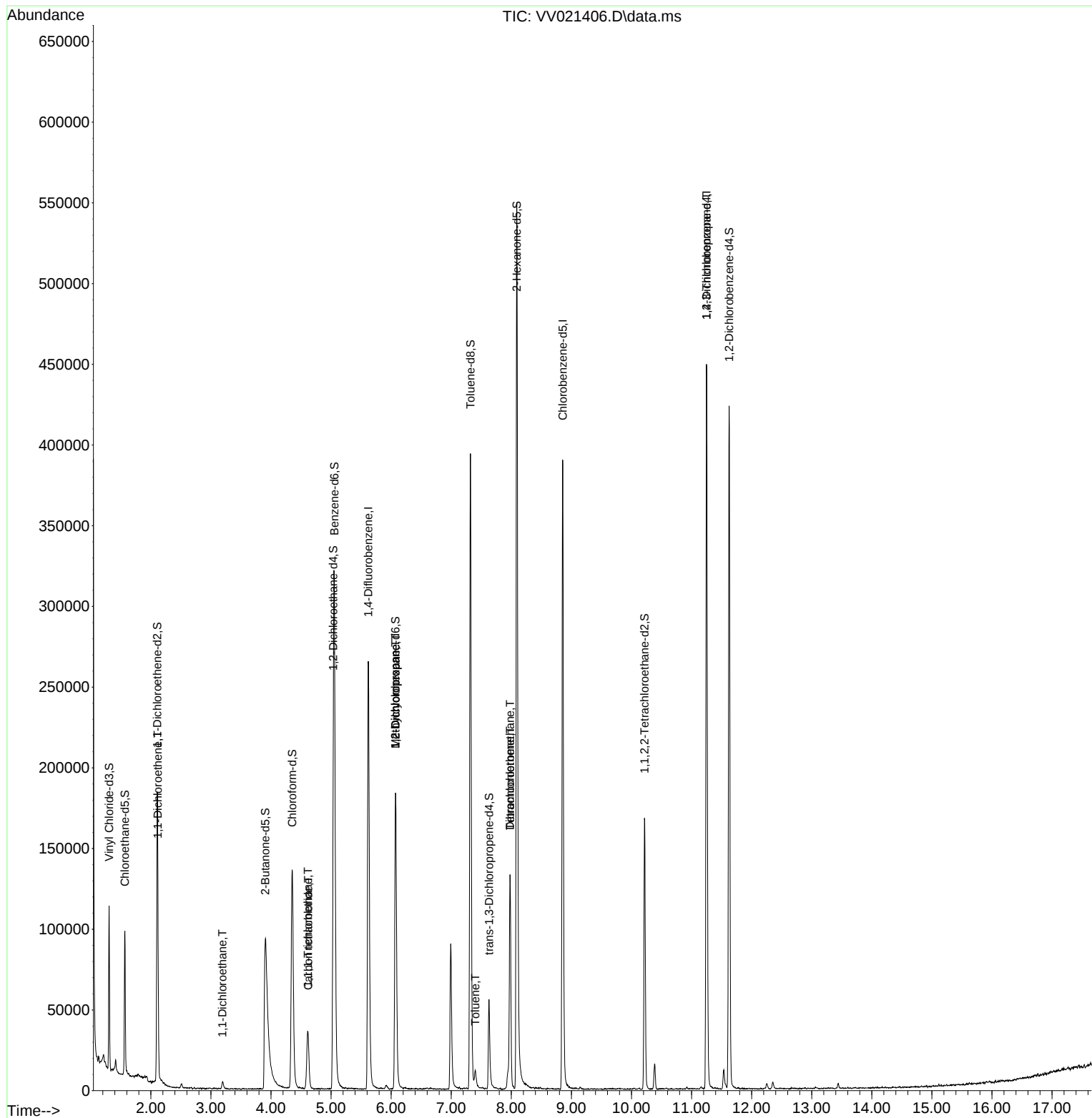
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	250624	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	230289	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126535	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60710	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.568	69	56673	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.108	63	85790	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	3.905	46	237683	62.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.72%
24) Chloroform-d	4.355	84	148399	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.037	65	73163	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.053	84	297182	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.072	67	95146	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.320	98	272645	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloroprop...	7.628	79	34289	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.091	63	205138	58.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.50%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	81409	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	120142	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	12957	1.04	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	4696	0.17	ug/L	91
29) 1,1,1-Trichloroethane	4.616	97	30859	1.19	ug/L	99
31) Carbon tetrachloride	4.619	117	4299	0.18	ug/L	99
35) Methylcyclohexane	6.072	83	23048	0.85	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	9916	0.66	ug/L #	85
42) Toluene	7.400	91	8207	0.12	ug/L	91
47) Tetrachloroethene	7.979	164	33005	2.19	ug/L	97
49) Dibromochloromethane	7.979	129	27957	1.87	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	12451	1.38	ug/L #	64

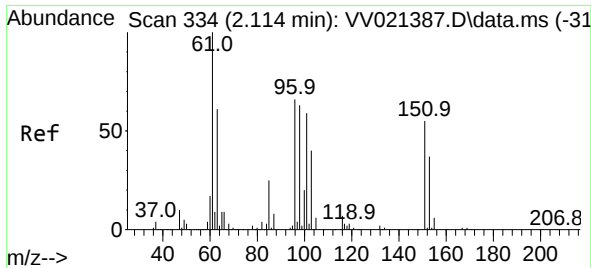
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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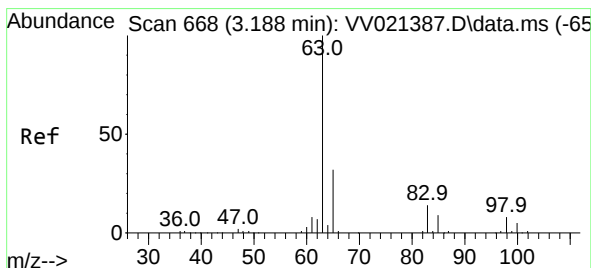
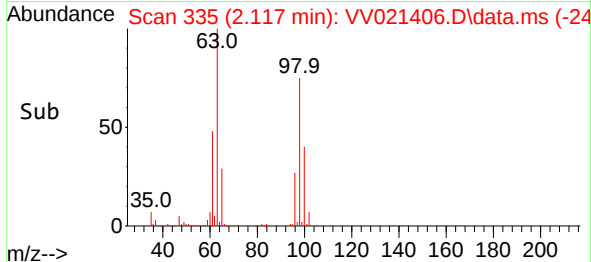
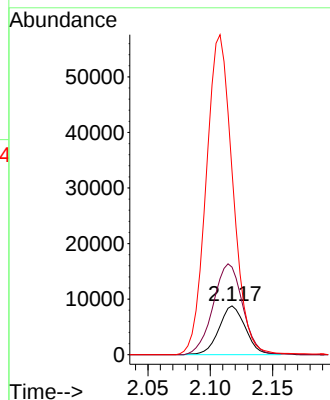
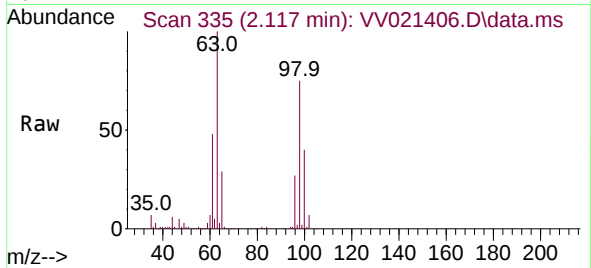




#12
1,1-Dichloroethene
Concen: 1.04 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021406.D
Acq: 25 May 2021 22:25

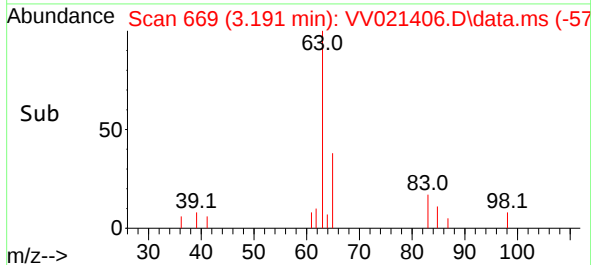
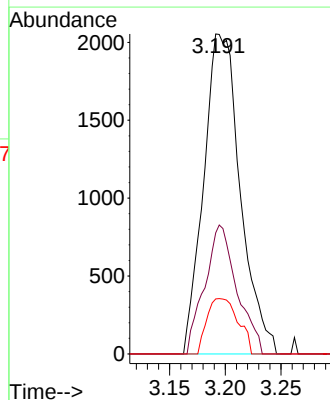
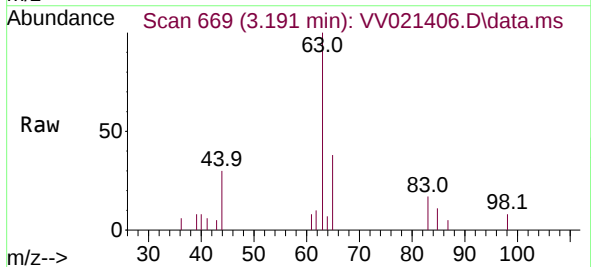
Instrument :
MSVOA_V
ClientSampled :
GB456

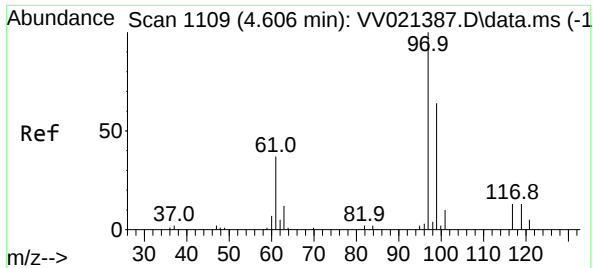
Tgt Ion: 96 Resp: 12957
Ion Ratio Lower Upper
96 100
61 179.1 103.7 192.5
63 375.4 62.4 115.8#



#19
1,1-Dichloroethane
Concen: 0.17 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021406.D
Acq: 25 May 2021 22:25

Tgt Ion: 63 Resp: 4696
Ion Ratio Lower Upper
63 100
65 37.8 23.2 43.2
83 17.2 9.4 17.4





#29

1,1,1-Trichloroethane

Concen: 1.19 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.010 min

Lab File: VV021406.D

Acq: 25 May 2021 22:25

Tgt Ion: 97 Resp: 30859

Ion Ratio Lower Upper

97 100

99 63.5 50.6 75.8

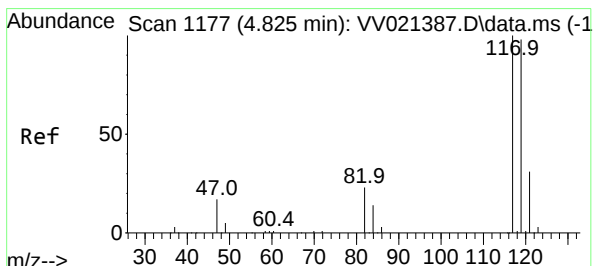
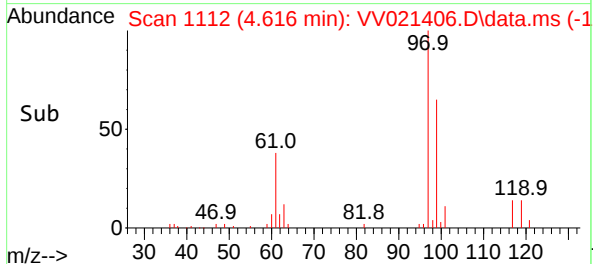
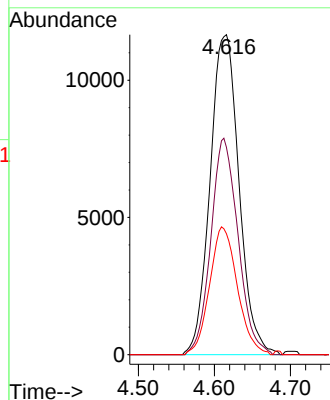
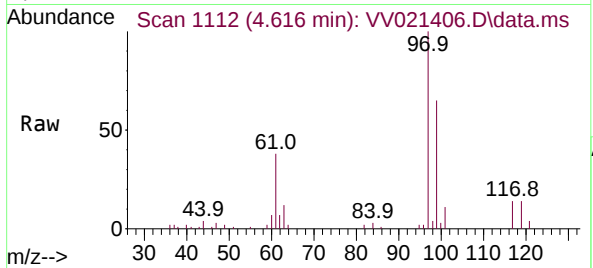
61 38.4 30.4 45.6

Instrument :

MSVOA_V

ClientSampled :

GB456



#31

Carbon tetrachloride

Concen: 0.18 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. -0.206 min

Lab File: VV021406.D

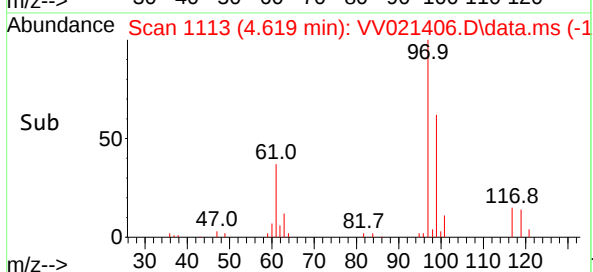
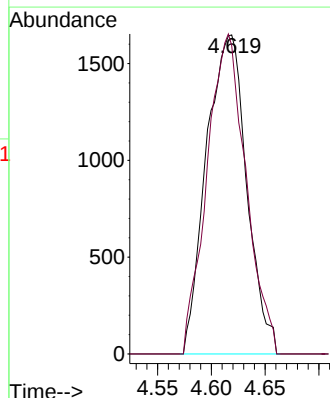
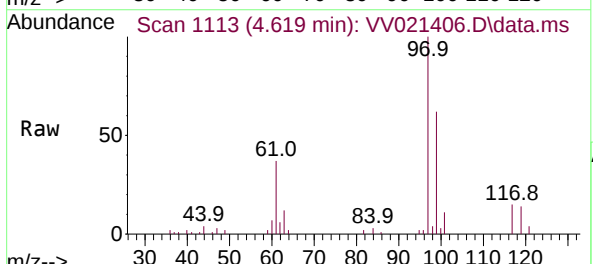
Acq: 25 May 2021 22:25

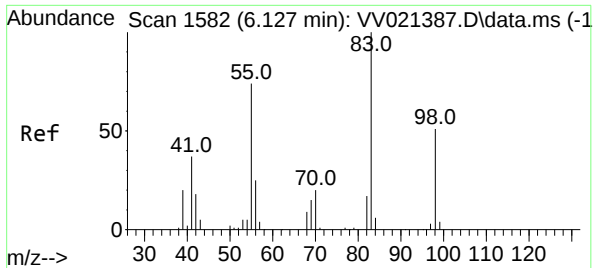
Tgt Ion: 117 Resp: 4299

Ion Ratio Lower Upper

117 100

119 97.0 77.0 115.6

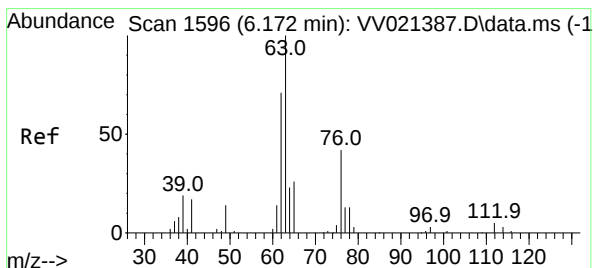
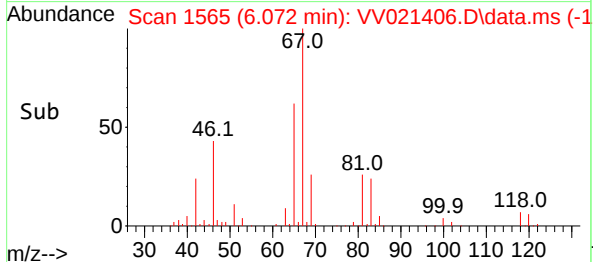
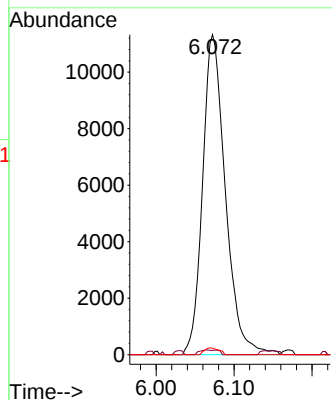
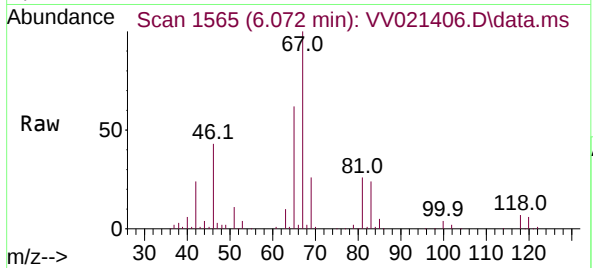




#35
Methylcyclohexane
Concen: 0.85 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV021406.D
Acq: 25 May 2021 22:25

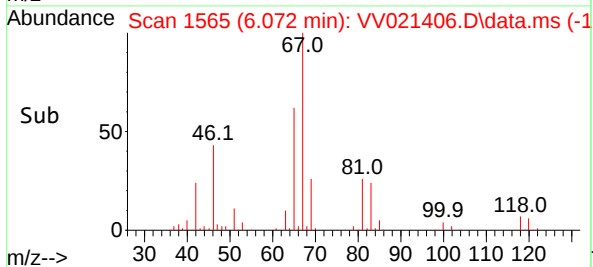
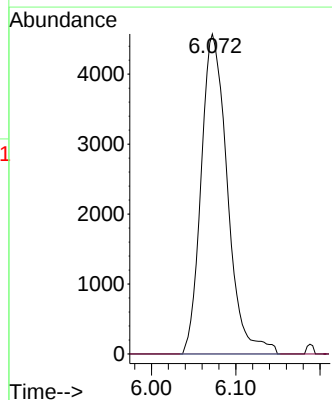
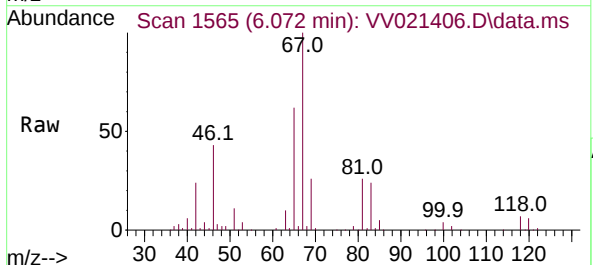
Instrument :
MSVOA_V
ClientSampled :
GB456

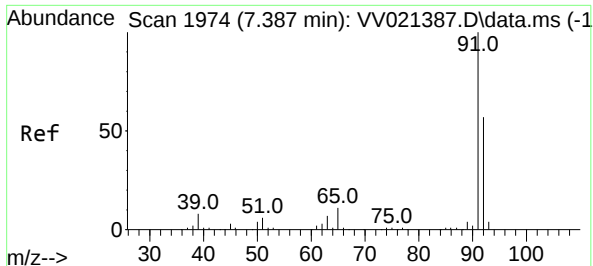
Tgt Ion:	83	Resp:	23048
Ion	Ratio	Lower	Upper
83	100		
55	1.2	57.7	86.5#
98	1.3	40.6	61.0#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV021406.D
Acq: 25 May 2021 22:25

Tgt Ion:	63	Resp:	9916
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

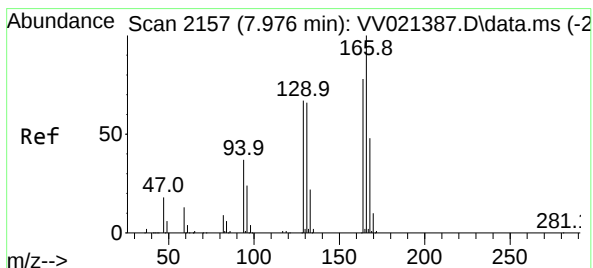
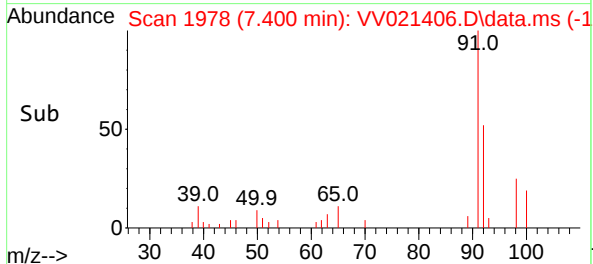
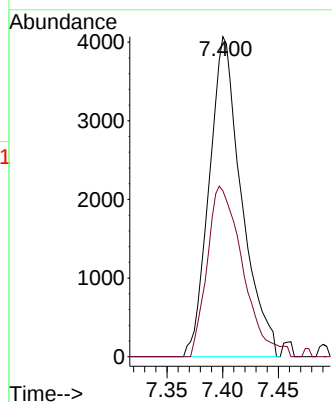
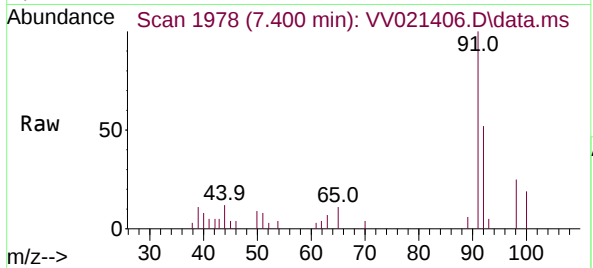




#42
Toluene
Concen: 0.12 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV021406.D
Acq: 25 May 2021 22:25

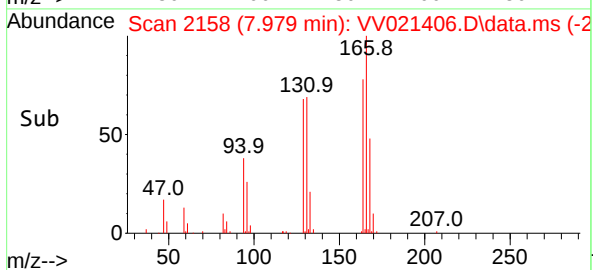
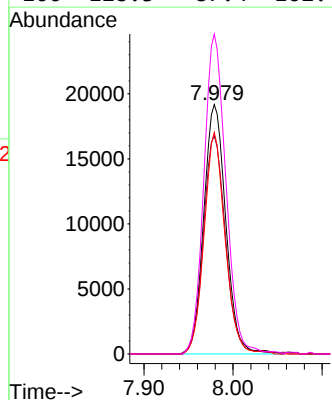
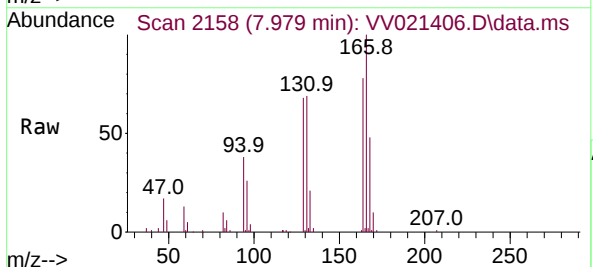
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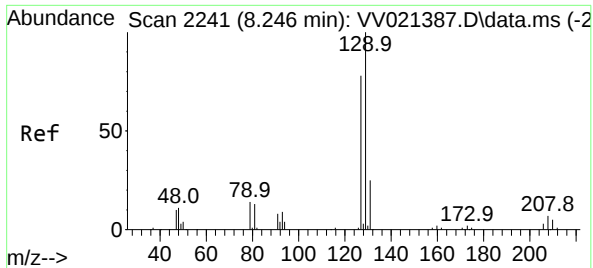
Tgt Ion: 91 Resp: 8207
Ion Ratio Lower Upper
91 100
92 51.8 40.9 76.0



#47
Tetrachloroethene
Concen: 2.19 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021406.D
Acq: 25 May 2021 22:25

Tgt Ion: 164 Resp: 33005
Ion Ratio Lower Upper
164 100
129 87.4 61.8 114.8
131 88.8 57.8 107.4
166 128.3 87.4 162.4





#49

Dibromochloromethane

Concen: 1.87 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV021406.D

Acq: 25 May 2021 22:25

Tgt Ion:129 Resp: 27957

Ion Ratio Lower Upper

129 100

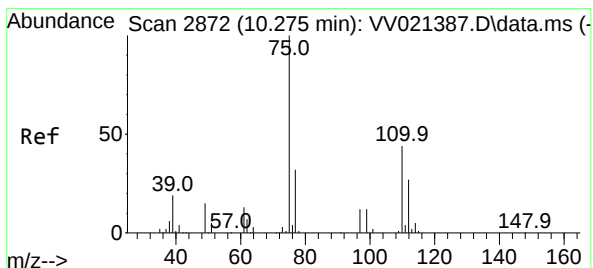
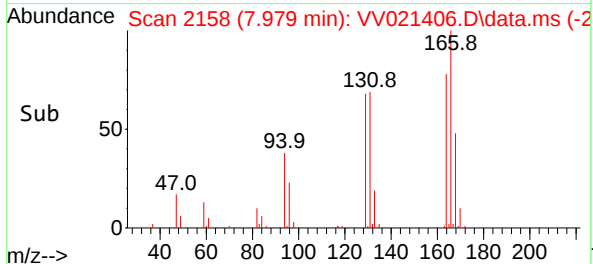
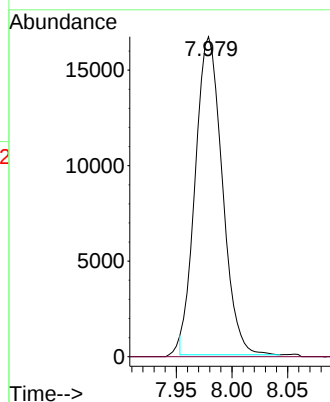
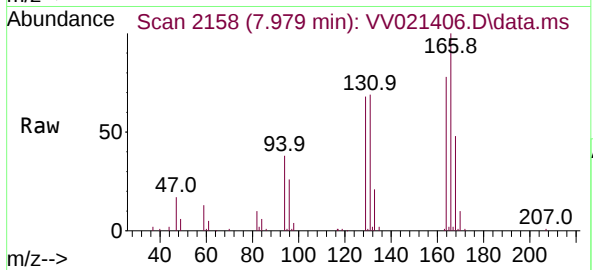
127 0.0 55.4 103.0#

Instrument :

MSVOA_V

ClientSampled :

GB456



#61

1,2,3-Trichloropropane

Concen: 1.38 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV021406.D

Acq: 25 May 2021 22:25

Tgt Ion: 75 Resp: 12451

Ion Ratio Lower Upper

75 100

77 31.3 27.3 40.9

110 3.4 34.2 51.2#

