

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021391.D
 Acq On : 25 May 2021 16:25
 Operator : SY/MD
 Sample : M2496-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB434

Quant Time: May 26 07:53:38 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)

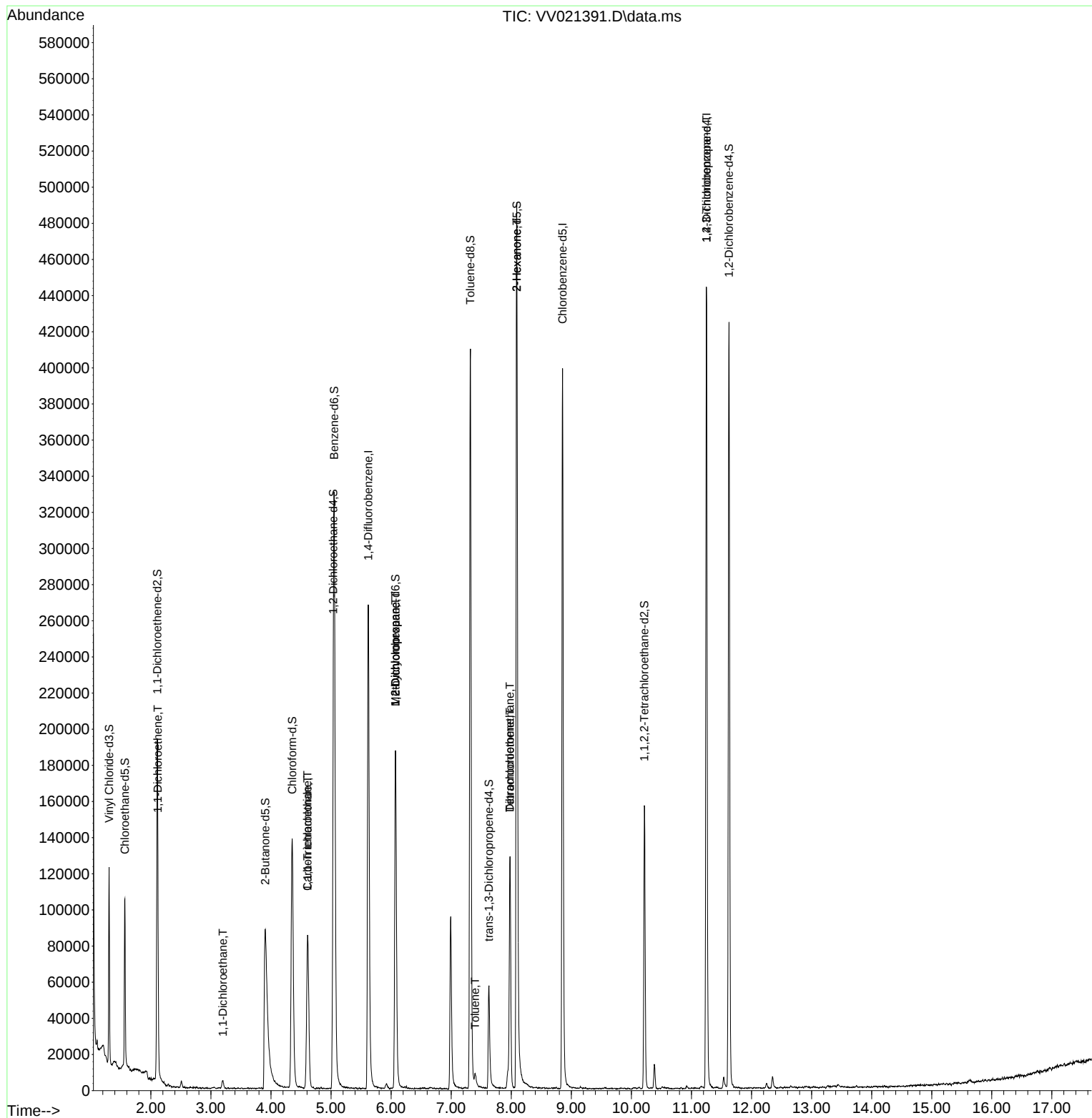
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	251787	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	231582	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126526	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65193	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.568	69	58954	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.108	63	90646	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	3.905	46	211191	55.15	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.30%
24) Chloroform-d	4.352	84	153112	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.037	65	72407	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.053	84	308225	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.072	67	96908	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.320	98	281069	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
43) trans-1,3-Dichloroprop...	7.628	79	35866	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.091	63	185708	52.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.88%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	75918	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	119124	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	12507	1.00	ug/L #	1
19) 1,1-Dichloroethane	3.198	63	4890	0.18	ug/L #	92
29) 1,1,1-Trichloroethane	4.609	97	71758	2.76	ug/L	97
31) Carbon tetrachloride	4.609	117	10374	0.44	ug/L	92
35) Methylcyclohexane	6.072	83	23865	0.87	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	9730	0.65	ug/L #	85
42) Toluene	7.400	91	5344	0.08	ug/L	93
47) Tetrachloroethene	7.979	164	32350	2.14	ug/L	98
48) 2-Hexanone	8.091	43	19055	3.06	ug/L #	73
49) Dibromochloromethane	7.979	129	27817	1.85	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	12808	1.42	ug/L #	63

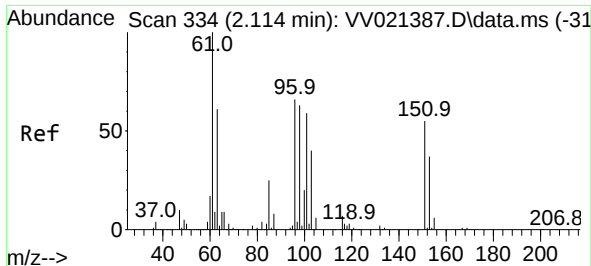
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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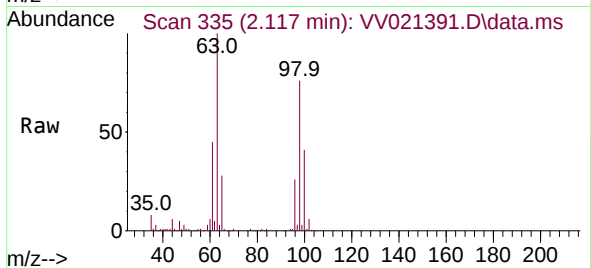
Quant Time: May 26 07:53:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 26 07:52:48 2021
Response via : Initial Calibration



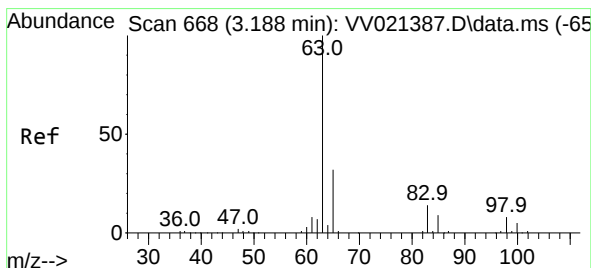
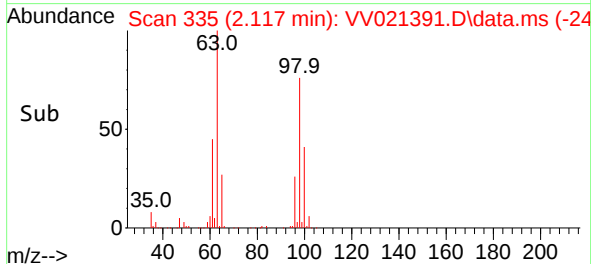
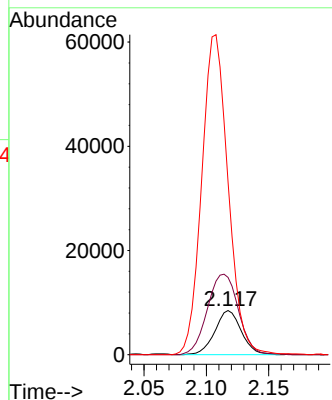


#12
1,1-Dichloroethene
Concen: 1.00 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021391.D
Acq: 25 May 2021 16:25

Instrument :
MSVOA_V
ClientSampled :
GB434

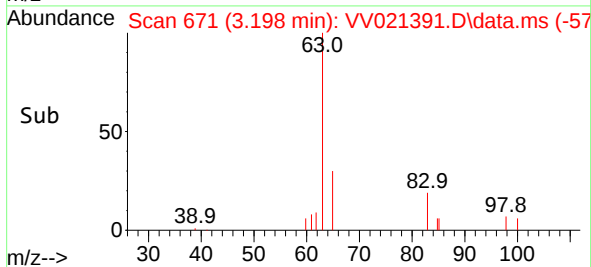
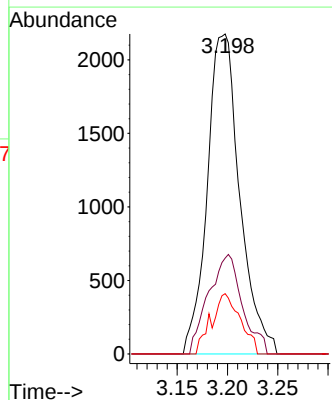
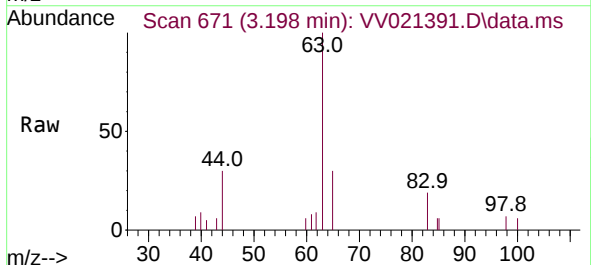


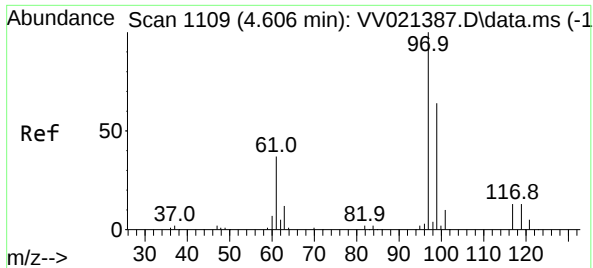
Tgt Ion: 96 Resp: 12507
Ion Ratio Lower Upper
96 100
61 175.4 103.7 192.5
63 392.1 62.4 115.8#



#19
1,1-Dichloroethane
Concen: 0.18 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV021391.D
Acq: 25 May 2021 16:25

Tgt Ion: 63 Resp: 4890
Ion Ratio Lower Upper
63 100
65 30.0 23.2 43.2
83 18.8 9.4 17.4#





#29

1,1,1-Trichloroethane

Concen: 2.76 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

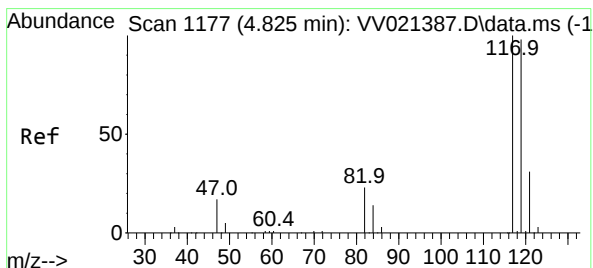
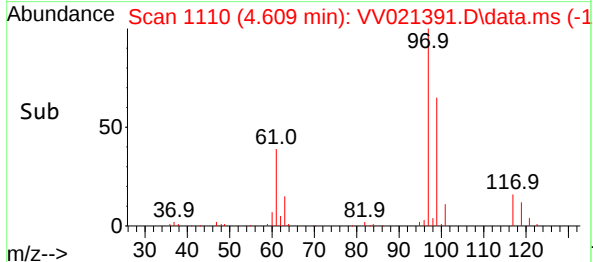
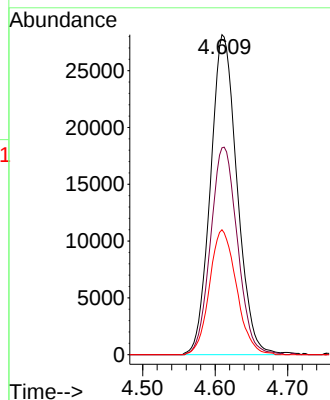
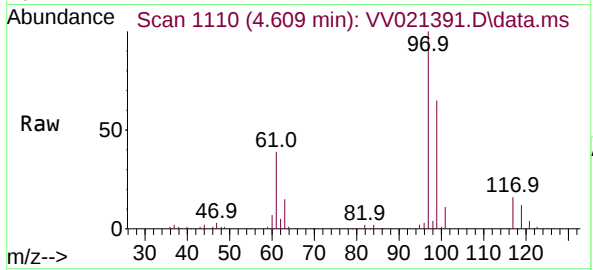
Lab File: VV021391.D

Acq: 25 May 2021 16:25

Tgt Ion: 97 Resp: 71758

Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.6	75.8
61	39.6	30.4	45.6

Instrument :
MSVOA_V
ClientSampled :
GB434



#31

Carbon tetrachloride

Concen: 0.44 ug/L

RT: 4.609 min Scan# 1110

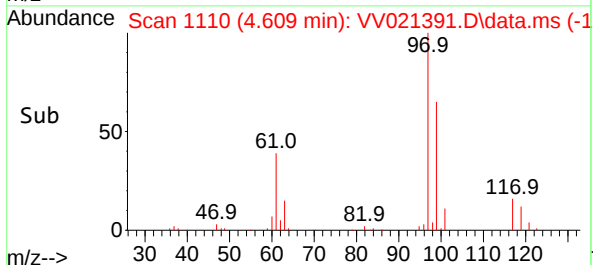
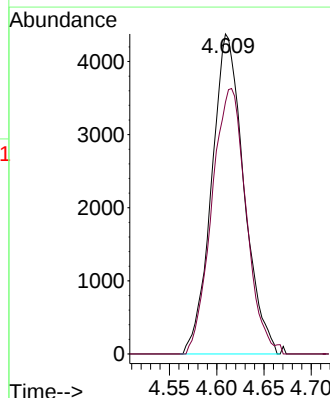
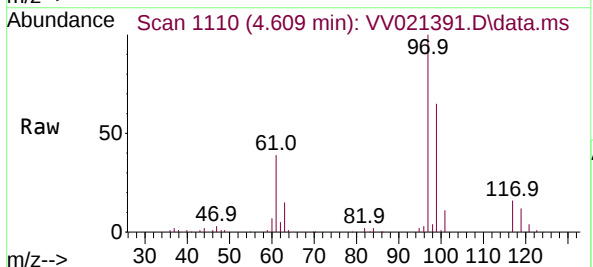
Delta R.T. -0.216 min

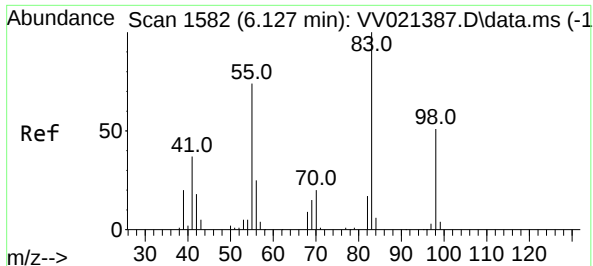
Lab File: VV021391.D

Acq: 25 May 2021 16:25

Tgt Ion: 117 Resp: 10374

Ion	Ratio	Lower	Upper
117	100		
119	88.1	77.0	115.6





#35

Methylcyclohexane

Concen: 0.87 ug/L

RT: 6.072 min Scan# 1565

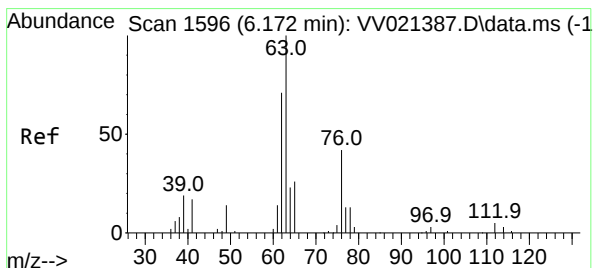
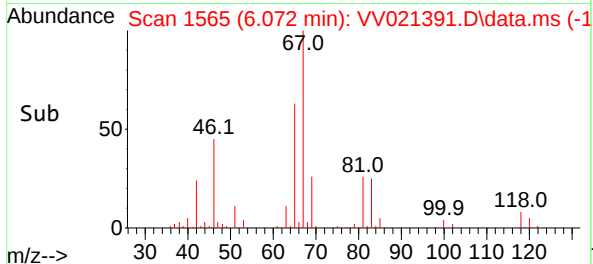
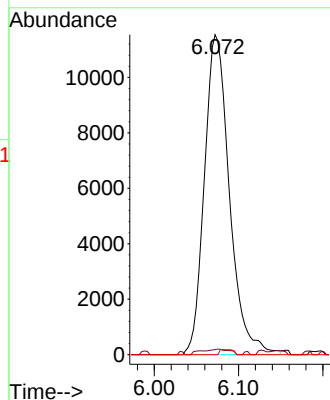
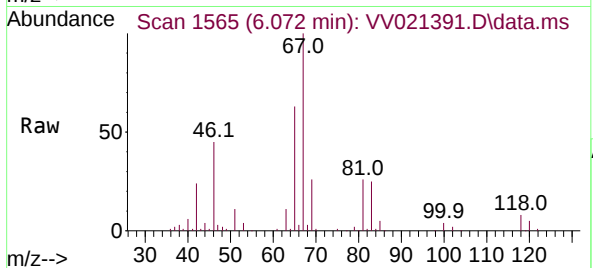
Delta R.T. -0.055 min

Lab File: VV021391.D

Acq: 25 May 2021 16:25

Tgt Ion:	83	Resp:	23865
Ion	Ratio	Lower	Upper
83	100		
55	2.0	57.7	86.5#
98	0.8	40.6	61.0#

Instrument :
MSVOA_V
ClientSampleId :
GB434



#37

1,2-Dichloropropane

Concen: 0.65 ug/L

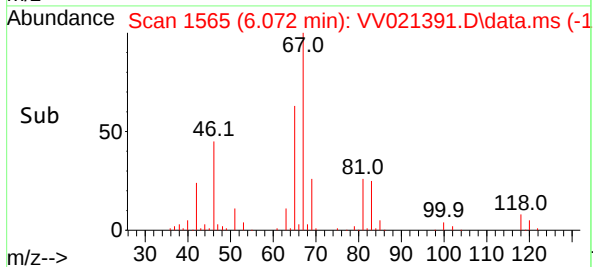
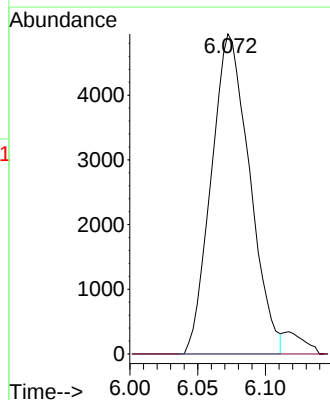
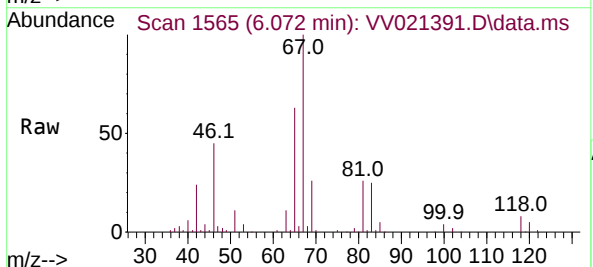
RT: 6.072 min Scan# 1565

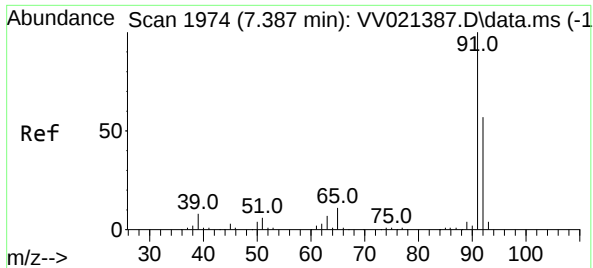
Delta R.T. -0.100 min

Lab File: VV021391.D

Acq: 25 May 2021 16:25

Tgt Ion:	63	Resp:	9730
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

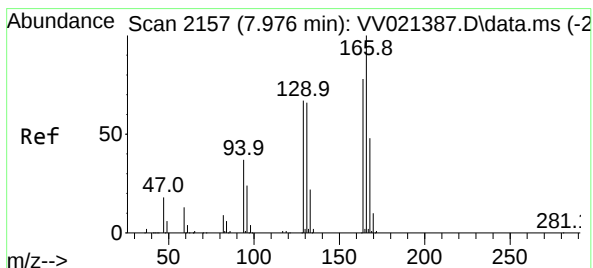
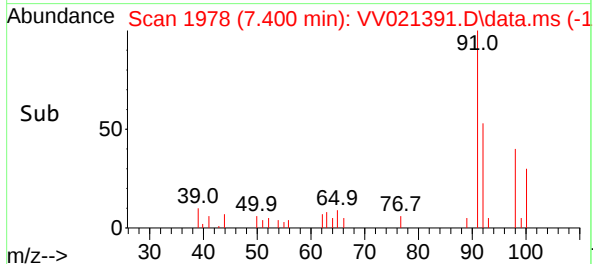
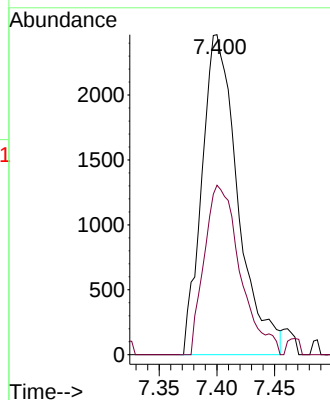
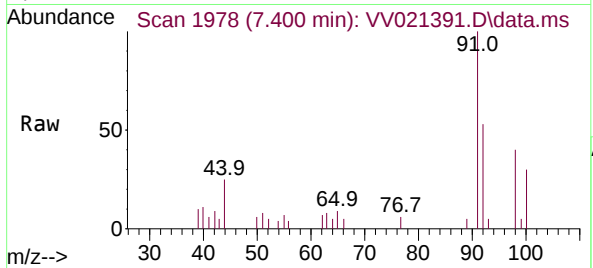




#42
Toluene
Concen: 0.08 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV021391.D
Acq: 25 May 2021 16:25

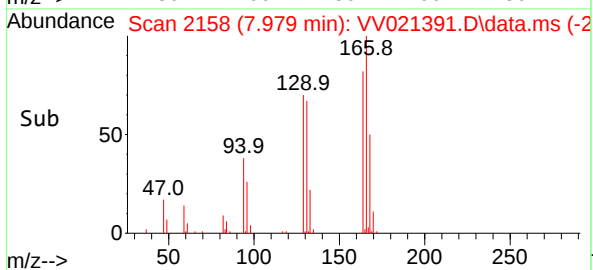
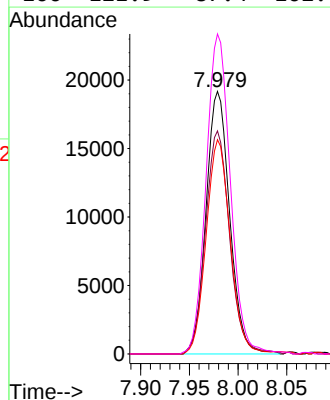
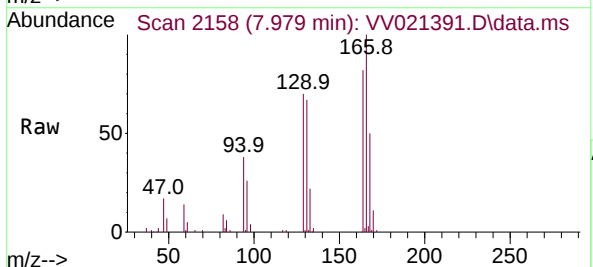
Instrument :
MSVOA_V
ClientSampled :
GB434

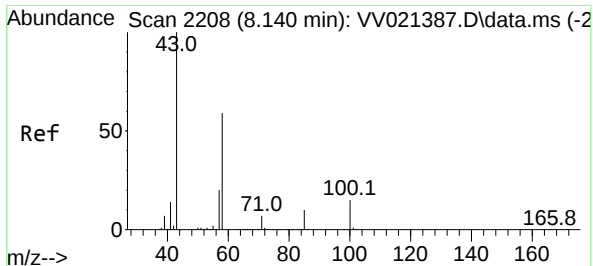
Tgt Ion: 91 Resp: 5344
Ion Ratio Lower Upper
91 100
92 52.9 40.9 76.0



#47
Tetrachloroethene
Concen: 2.14 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021391.D
Acq: 25 May 2021 16:25

Tgt Ion: 164 Resp: 32350
Ion Ratio Lower Upper
164 100
129 85.0 61.8 114.8
131 81.6 57.8 107.4
166 121.9 87.4 162.4





#48

2-Hexanone

Concen: 3.06 ug/L

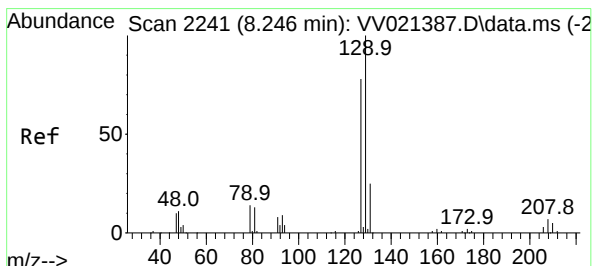
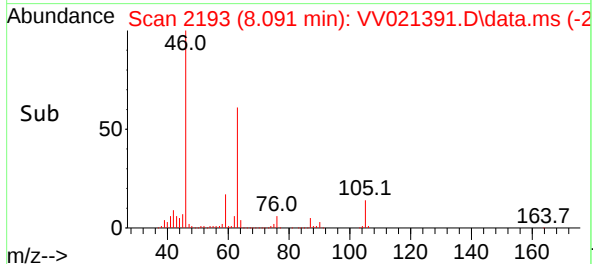
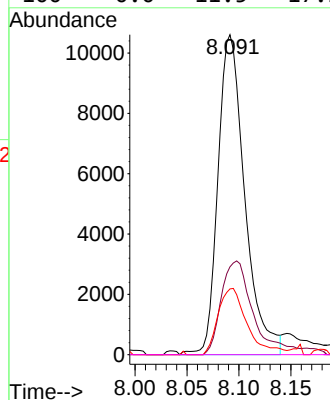
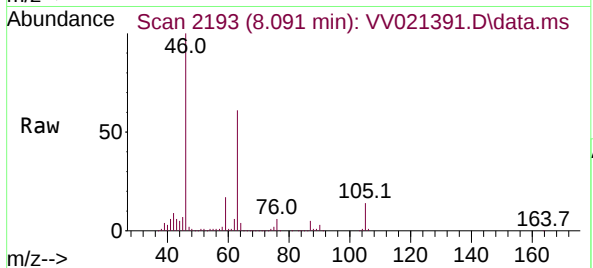
RT: 8.091 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV021391.D

Acq: 25 May 2021 16:25

Tgt Ion: 43	Resp: 19055
Ion Ratio	Lower Upper
43 100	
58 34.9	47.0 70.4#
57 22.4	15.4 23.2
100 0.0	11.5 17.3#



#49

Dibromochloromethane

Concen: 1.85 ug/L

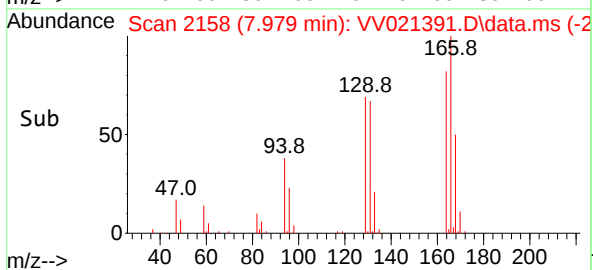
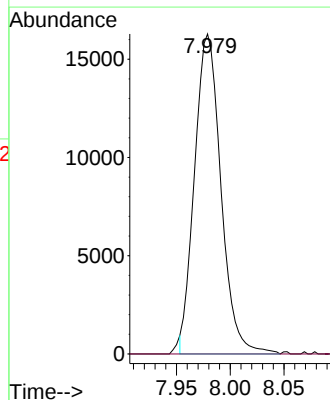
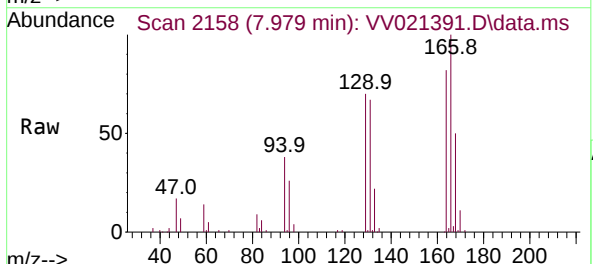
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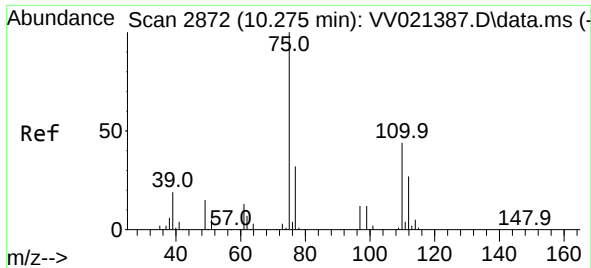
Delta R.T. -0.267 min

Lab File: VV021391.D

Acq: 25 May 2021 16:25

Tgt Ion: 129	Resp: 27817
Ion Ratio	Lower Upper
129 100	
127 0.0	55.4 103.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.42 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV021391.D
 Acq: 25 May 2021 16:25

Instrument :
 MSVOA_V
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 GB434

Tgt Ion: 75	Resp: 12808
Ion Ratio	Lower Upper
75	100
77	30.5 27.3 40.9
110	3.1 34.2 51.2#

