

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021365.D
 Acq On : 21 May 2021 17:47
 Operator : SY/MD
 Sample : M2494-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB422

Quant Time: May 22 01:40:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

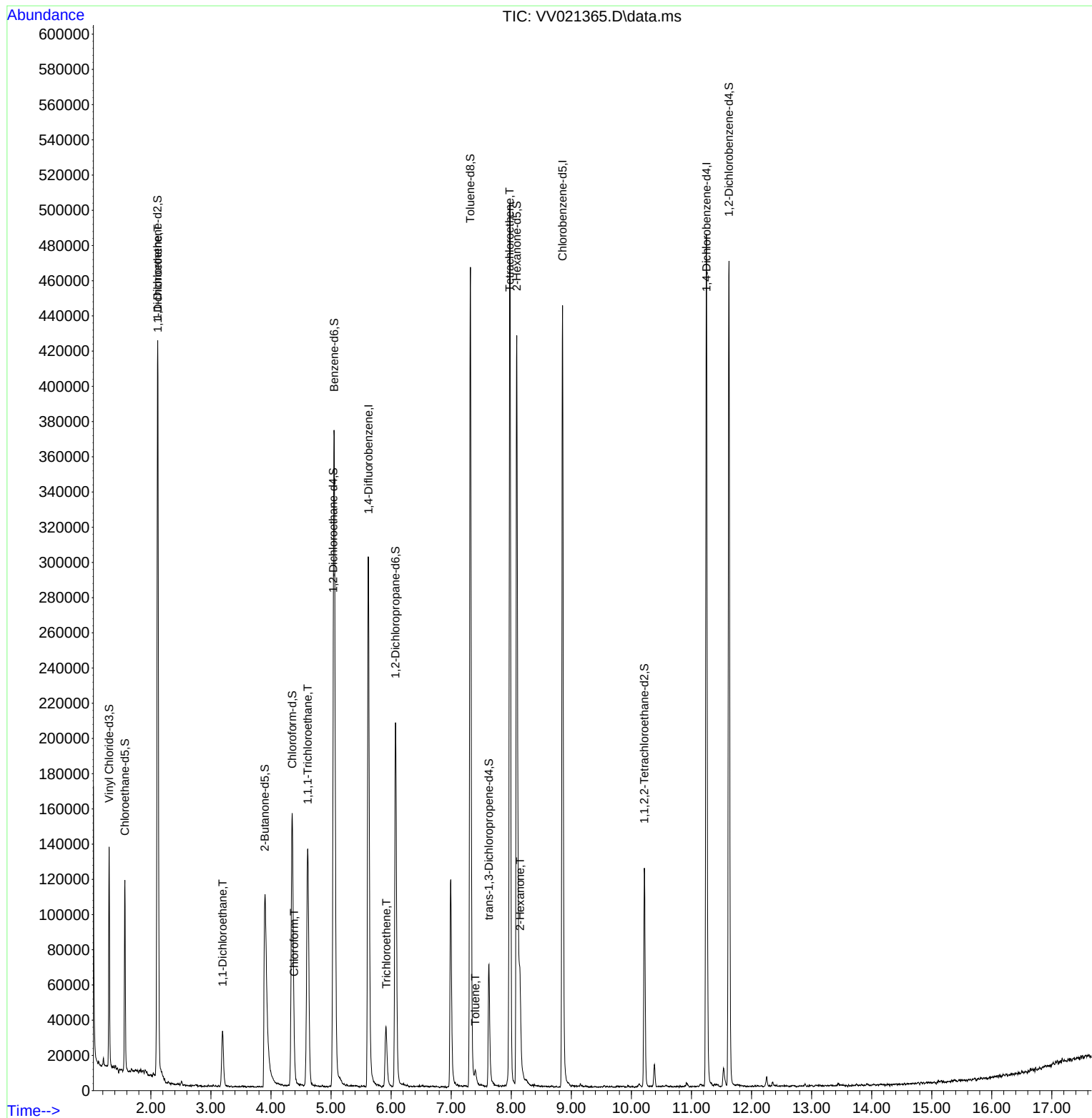
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	278014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	257345	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140540	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80046	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.568	69	68266	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.111	63	147881	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.899	46	228411	47.13	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	4.352	84	165504	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.037	65	80852	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.053	84	345208	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.072	67	108560	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.320	98	320212	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloroprop...	7.628	79	43477	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.091	63	149467	42.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.28%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	61353	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	131497	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	92971	6.06	ug/L	97
19) 1,1-Dichloroethane	3.194	63	32645	0.99	ug/L	97
25) Chloroform	4.384	83	5476	0.16	ug/L	85
29) 1,1,1-Trichloroethane	4.612	97	112793	3.57	ug/L	98
34) Trichloroethene	5.921	95	5022	0.23	ug/L	91
42) Toluene	7.403	91	6184	0.08	ug/L	92
47) Tetrachloroethene	7.976	164	120105	6.70	ug/L	96
48) 2-Hexanone	8.146	43	40739	4.99	ug/L #	85

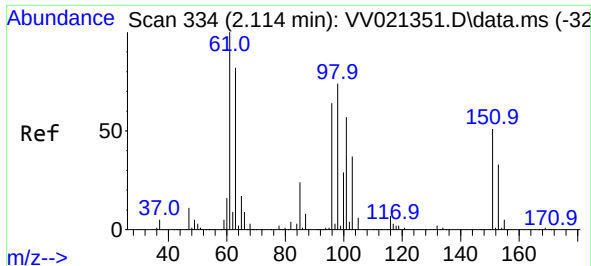
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

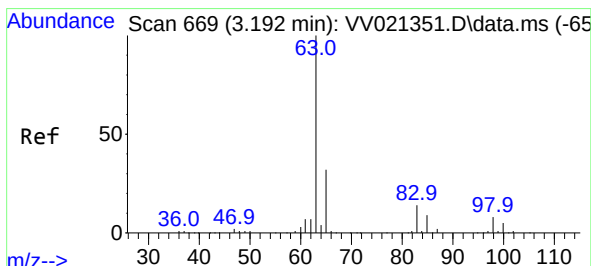
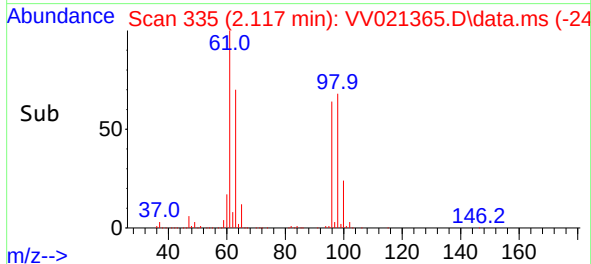
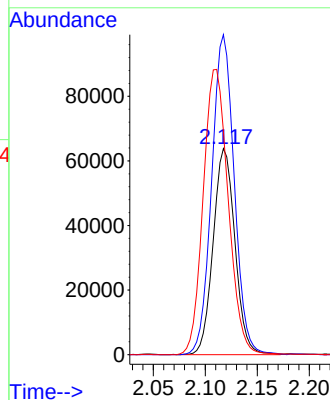
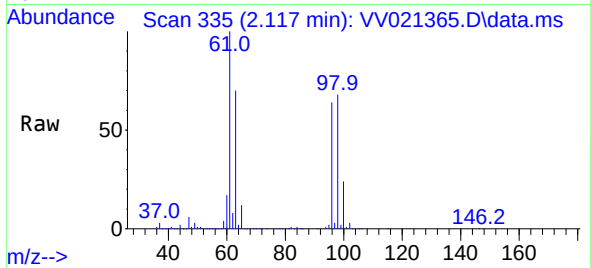




#12
1,1-Dichloroethene
Concen: 6.06 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

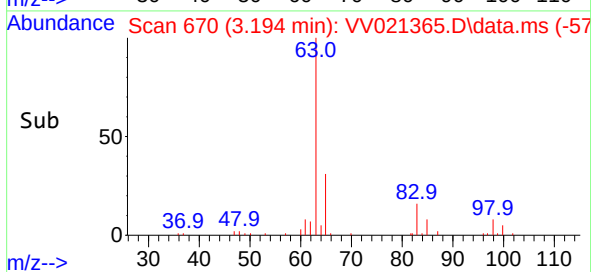
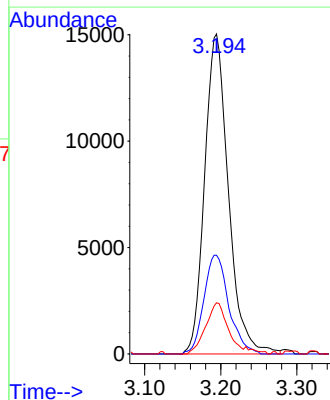
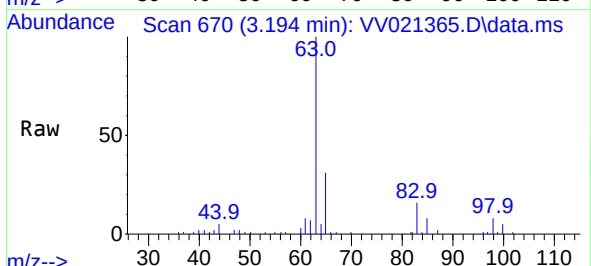
Instrument :
MSVOA_V
ClientSampleId :
GB422

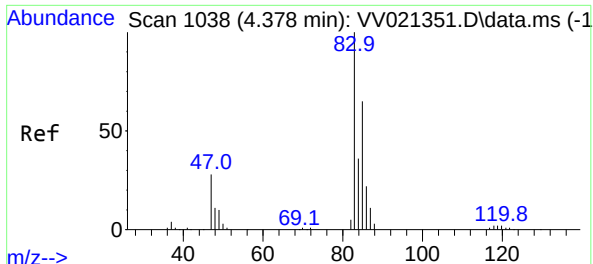
Tgt Ion: 96 Resp: 92971
Ion Ratio Lower Upper
96 100
61 155.3 109.8 204.0
63 108.5 71.3 132.3



#19
1,1-Dichloroethane
Concen: 0.99 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

Tgt Ion: 63 Resp: 32645
Ion Ratio Lower Upper
63 100
65 30.9 22.3 41.5
83 16.0 9.7 17.9



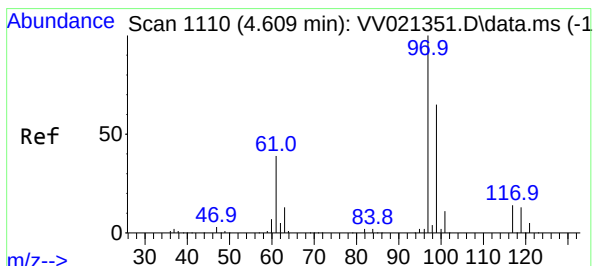
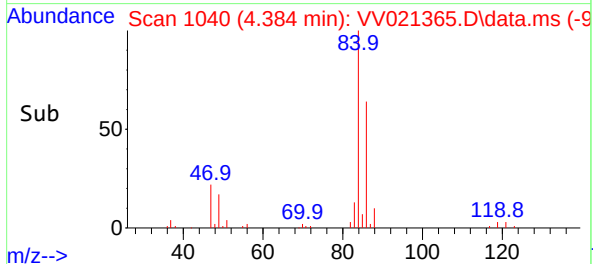
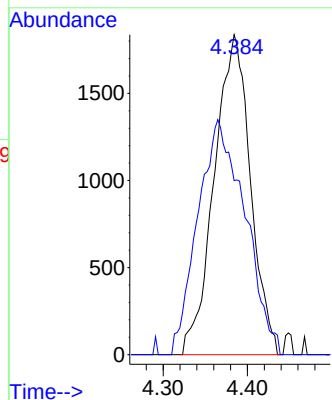
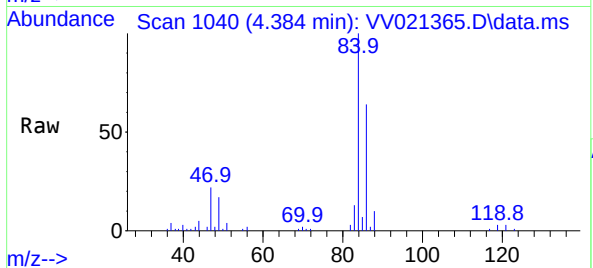


#25

Chloroform
Concen: 0.16 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

Instrument :
MSVOA_V
ClientSampled :
GB422

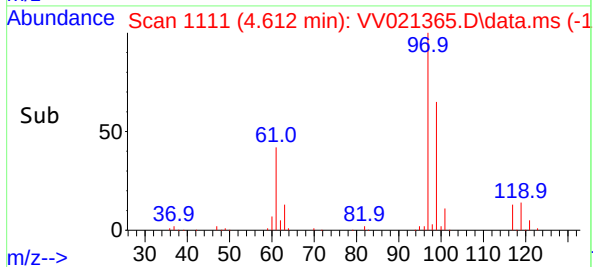
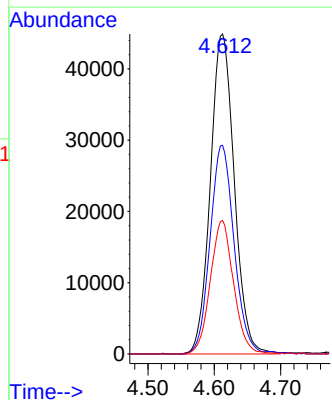
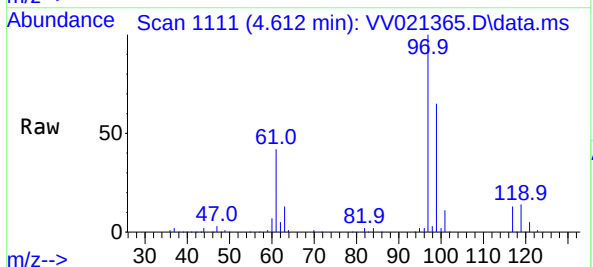
Tgt Ion: 83 Resp: 5476
Ion Ratio Lower Upper
83 100
85 54.4 46.4 86.2

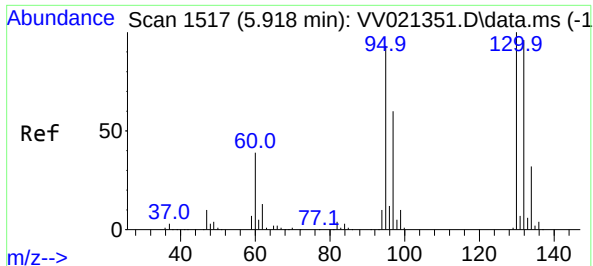


#29

1,1,1-Trichloroethane
Concen: 3.57 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021365.D
Acq: 21 May 2021 17:47

Tgt Ion: 97 Resp: 112793
Ion Ratio Lower Upper
97 100
99 65.2 50.6 75.8
61 40.6 33.2 49.8





#34

Trichloroethene

Concen: 0.23 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

Tgt Ion: 95 Resp: 5022

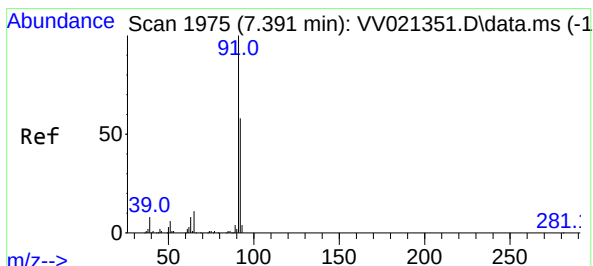
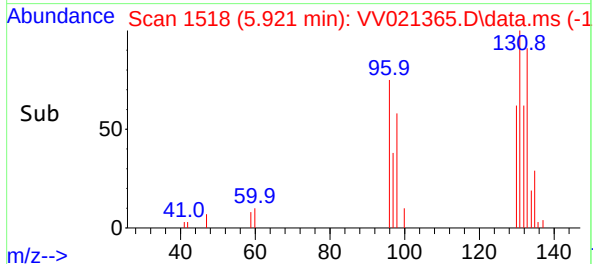
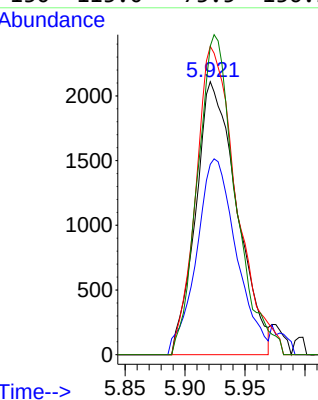
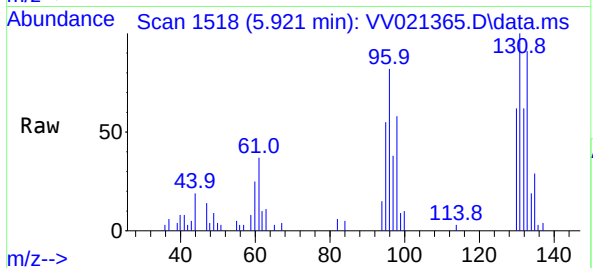
Ion Ratio Lower Upper

95 100

97 69.8 45.1 83.9

132 112.9 71.5 132.9

130 113.0 73.5 136.5



#42

Toluene

Concen: 0.08 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.013 min

Lab File: VV021365.D

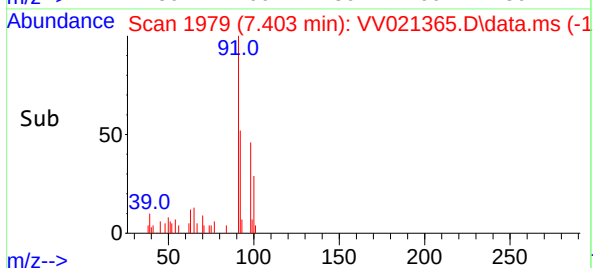
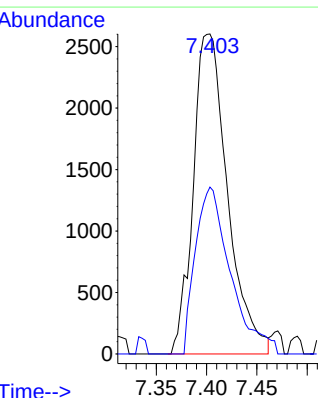
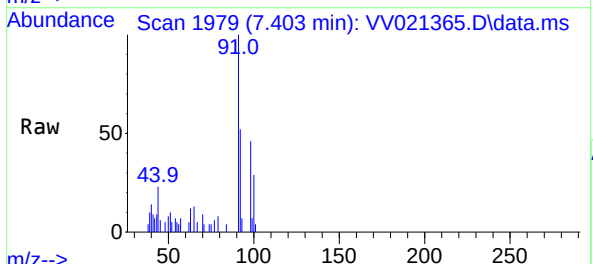
Acq: 21 May 2021 17:47

Tgt Ion: 91 Resp: 6184

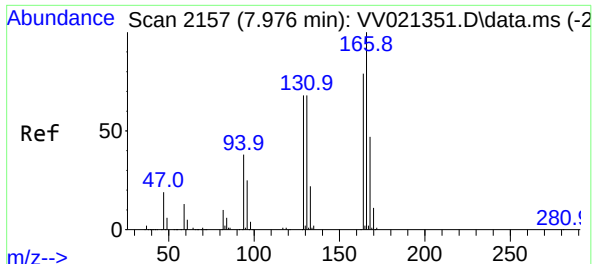
Ion Ratio Lower Upper

91 100

92 52.2 40.5 75.1



Instrument :
MSVOA_V
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GB422



#47

Tetrachloroethene

Concen: 6.70 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

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ClientSampled :
GB422

Tgt Ion:164 Resp: 120105

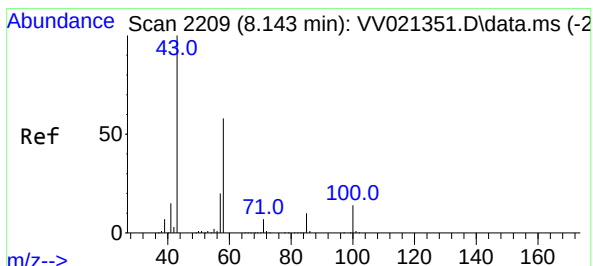
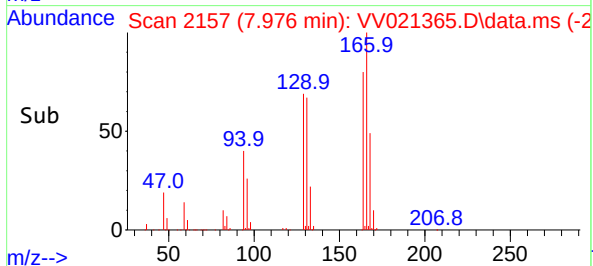
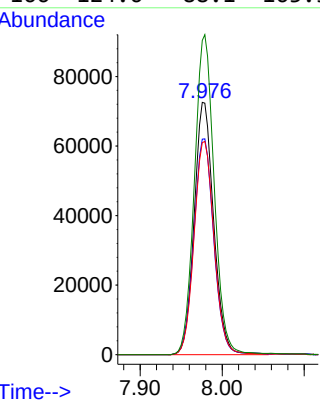
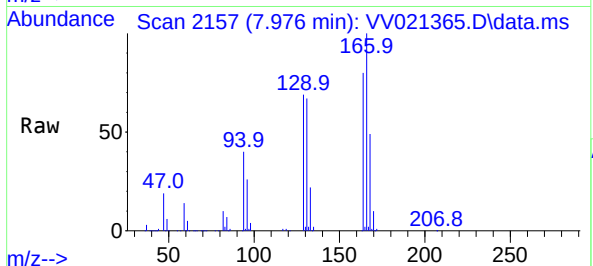
Ion Ratio Lower Upper

164 100

129 85.5 65.0 120.6

131 84.0 61.8 114.8

166 124.6 88.1 163.5



#48

2-Hexanone

Concen: 4.99 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV021365.D

Acq: 21 May 2021 17:47

Tgt Ion: 43 Resp: 40739

Ion Ratio Lower Upper

43 100

58 46.6 47.8 71.8#

57 15.6 16.6 24.8#

100 9.4 11.5 17.3#

