

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022721\
 Data File : VW020417.D
 Acq On : 26 Feb 2021 15:36
 Operator : SY/MD
 Sample : M1513-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0M2

Quant Time: Feb 27 01:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 27 01:11:28 2021
 Response via : Initial Calibration

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

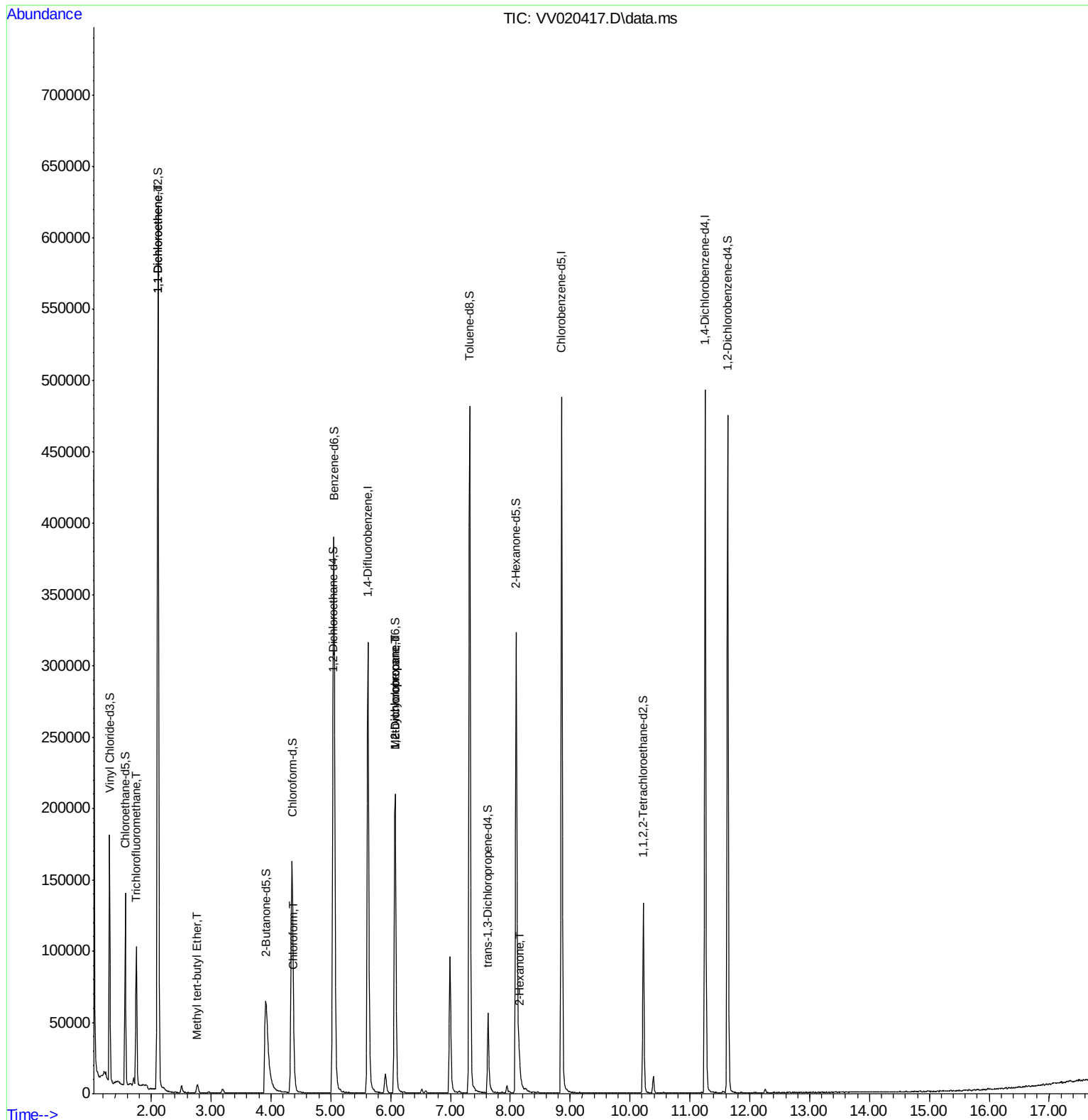
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	289605	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	279629	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	132272	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109185	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.568	69	85224	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.111	63	211843	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.60%
20) 2-Butanone-d5	3.918	46	167328	47.37	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	4.352	84	176436	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.037	65	87354	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.053	84	362112	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.072	67	104275	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.320	98	330328	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
45) trans-1,3-Dichloroprop...	7.629	79	34164	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
48) 2-Hexanone-d5	8.095	63	111375	40.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.18%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	62932	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	11.632	152	128865	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%
Target Compounds						
9) Trichlorofluoromethane	1.754	101	59442	1.25	ug/L	97
12) 1,1-Dichloroethene	2.118	96	146418	5.94	ug/L	79
17) Methyl tert-butyl Ether	2.774	73	6074	0.12	ug/L	93
25) Chloroform	4.381	83	12040	0.25	ug/L	99
35) Methylcyclohexane	6.076	83	26510	0.64	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	11105	0.46	ug/L #	83
50) 2-Hexanone	8.149	43	10787	1.28	ug/L #	89

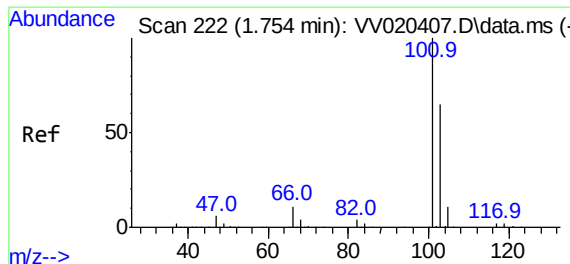
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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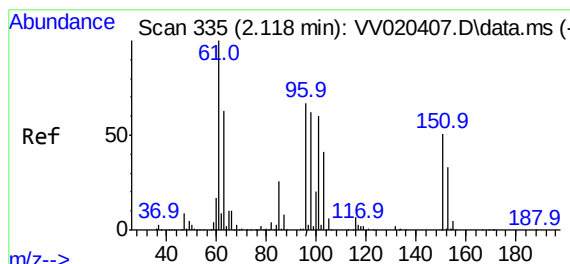
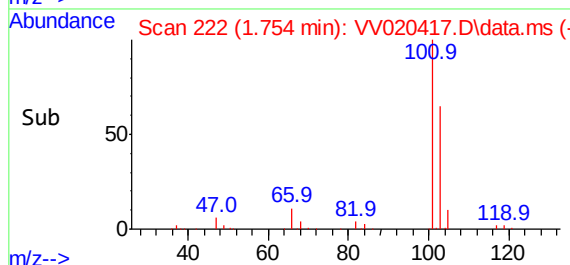
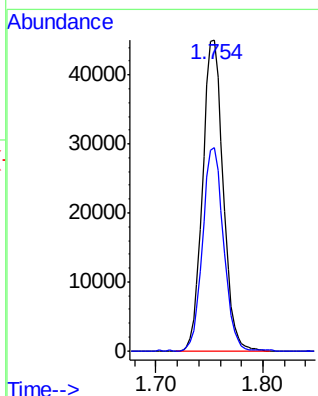
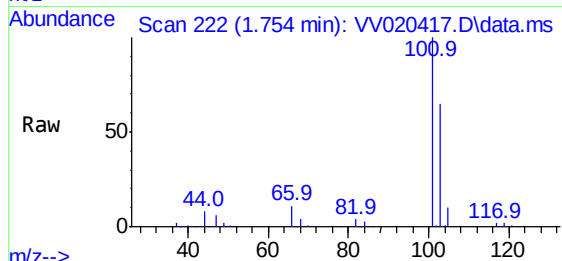




#9
Trichlorofluoromethane
Concen: 1.25 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020417.D
Acq: 26 Feb 2021 15:36

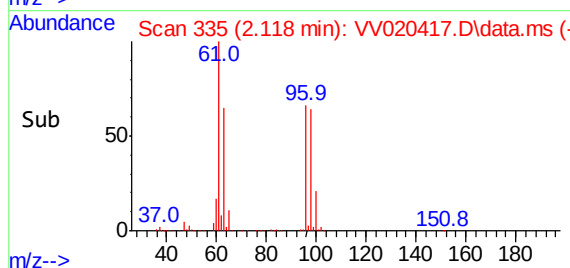
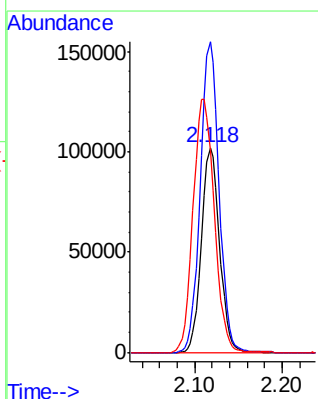
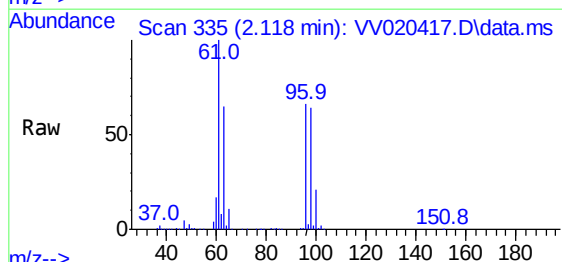
Instrument :
MSVOA_V
ClientSampleId :
BG0M2

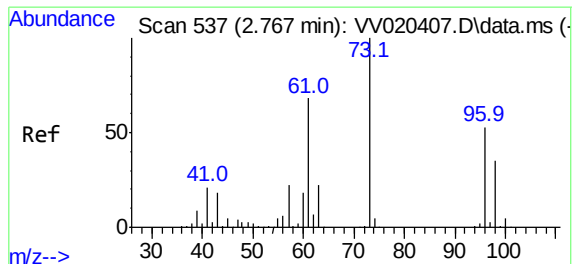
Tgt Ion:101 Resp: 59442
Ion Ratio Lower Upper
101 100
103 66.7 51.7 77.5



#12
1,1-Dichloroethene
Concen: 5.94 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV020417.D
Acq: 26 Feb 2021 15:36

Tgt Ion: 96 Resp: 146418
Ion Ratio Lower Upper
96 100
61 151.7 123.1 228.7
63 98.9 91.2 169.4

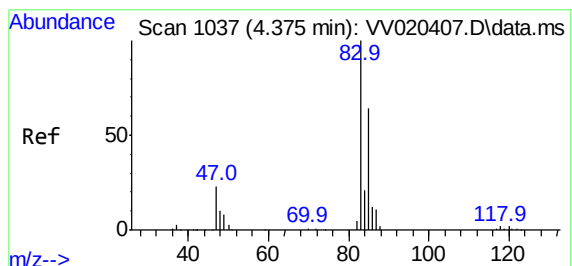
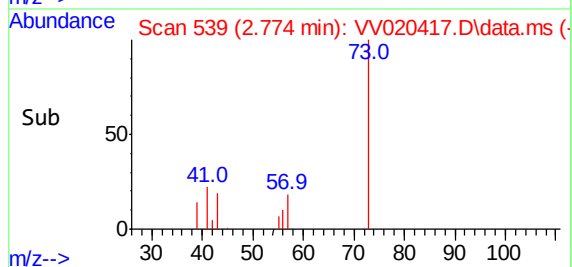
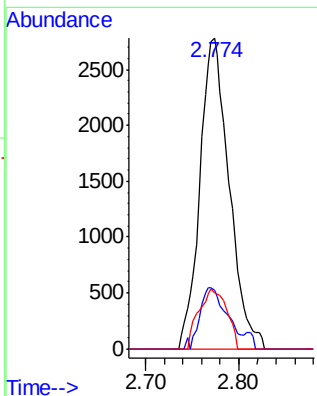
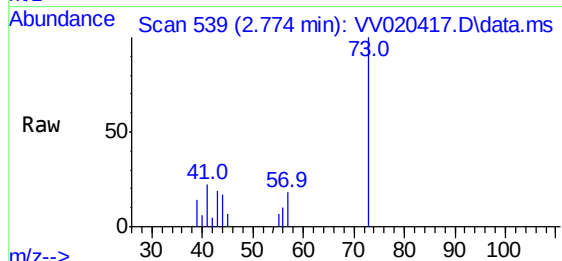




#17
Methyl tert-butyl Ether
Concen: 0.12 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV020417.D
Acq: 26 Feb 2021 15:36

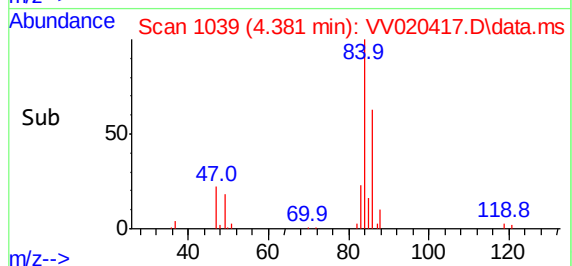
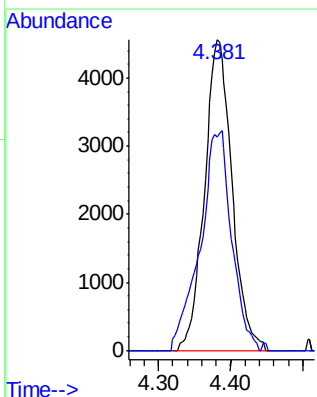
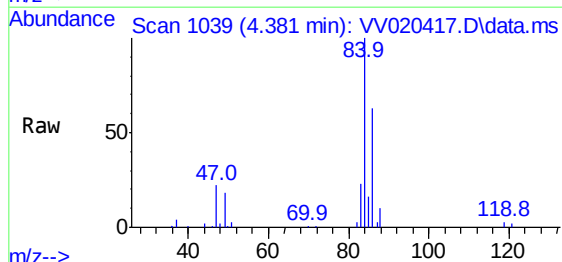
Instrument :
MSVOA_V
ClientSampleId :
BG0M2

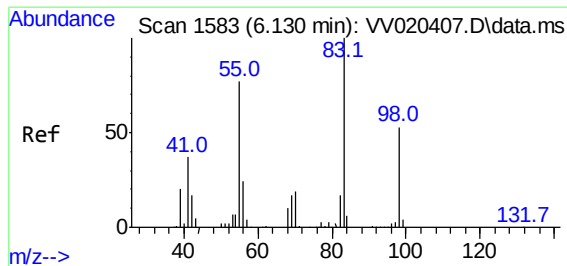
Tgt Ion: 73 Resp: 6074
Ion Ratio Lower Upper
73 100
43 18.4 18.3 27.5
57 18.5 16.7 25.1



#25
Chloroform
Concen: 0.25 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020417.D
Acq: 26 Feb 2021 15:36

Tgt Ion: 83 Resp: 12040
Ion Ratio Lower Upper
83 100
85 68.5 47.3 87.9

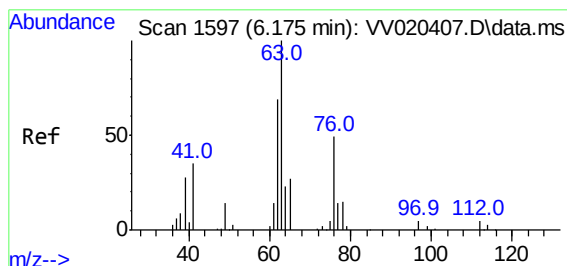
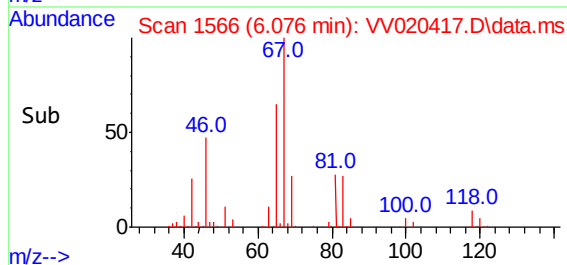
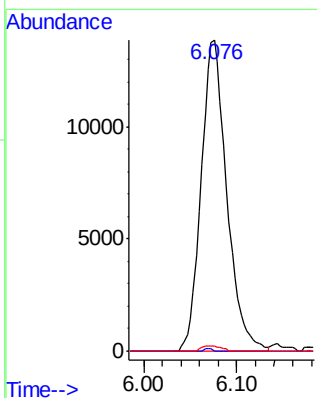
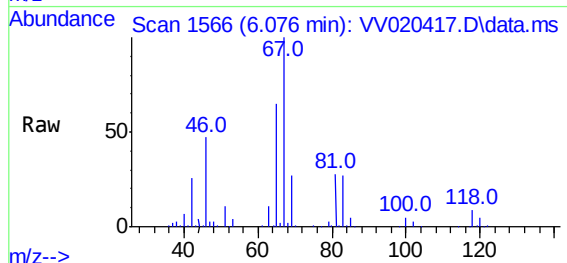




#35
Methylcyclohexane
Concen: 0.64 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV020417.D
Acq: 26 Feb 2021 15:36

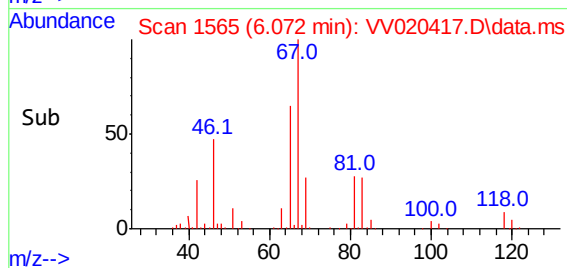
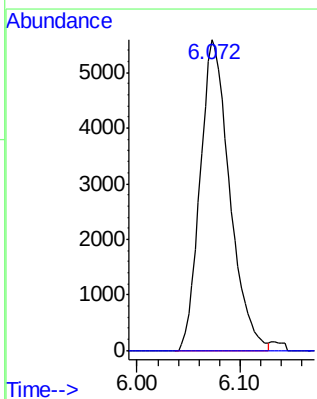
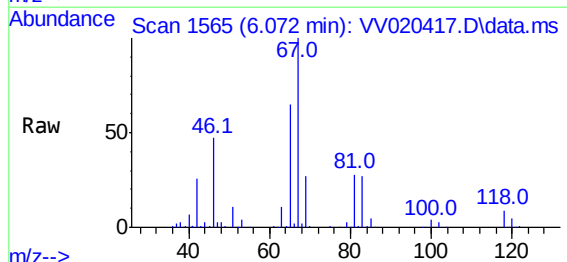
Instrument :
MSVOA_V
ClientSampled :
BG0M2

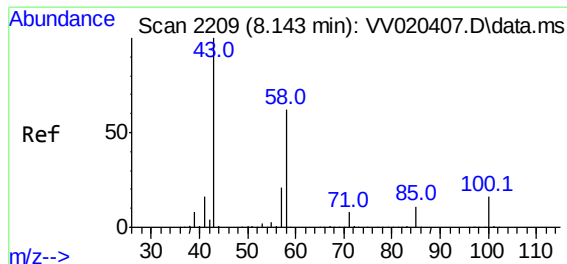
Tgt Ion: 83 Resp: 26510
Ion Ratio Lower Upper
83 100
55 0.2 61.8 92.8#
98 1.1 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.46 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV020417.D
Acq: 26 Feb 2021 15:36

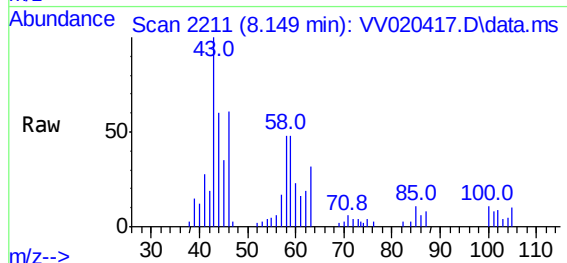
Tgt Ion: 63 Resp: 11105
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#50
2-Hexanone
Concen: 1.28 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
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MSVOA_V
ClientSampleId :
BG0M2



Tgt Ion: 43 Resp: 10787
Ion Ratio Lower Upper
43 100
58 57.6 41.6 62.4
57 8.8 15.4 23.0#
100 10.9 11.2 16.8#

