

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022721\
 Data File : VW020416.D
 Acq On : 26 Feb 2021 15:13
 Operator : SY/MD
 Sample : M1513-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0M1

Quant Time: Feb 27 01:14:10 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)

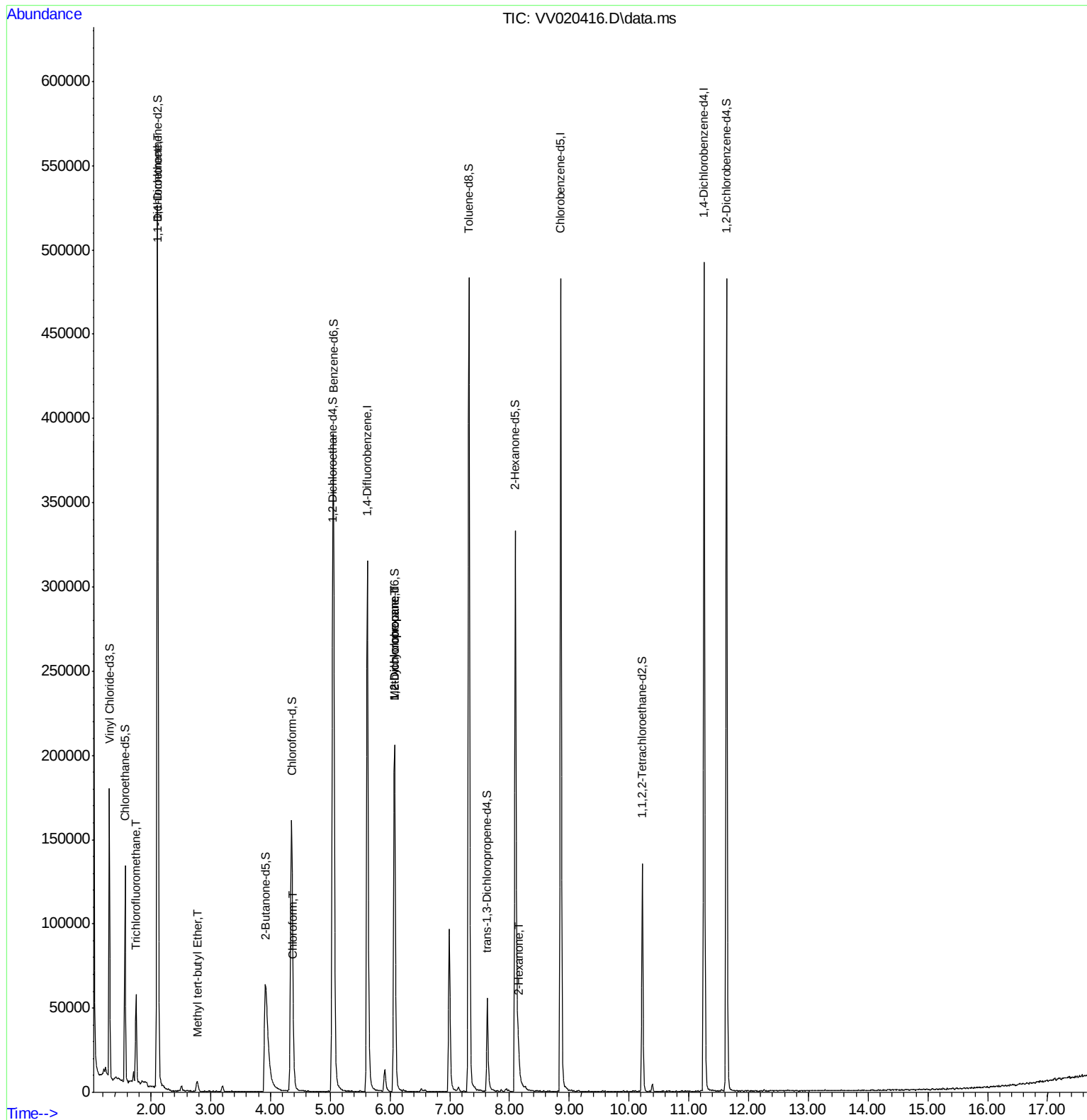
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	284790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	279350	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	133891	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104947	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.568	69	84117	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.108	63	194445	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	3.918	46	164046	47.22	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.44%
24) Chloroform-d	4.352	84	175340	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.040	65	86064	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.053	84	363061	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.076	67	104275	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.320	98	326900	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
45) trans-1,3-Dichloroprop...	7.629	79	35301	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.095	63	114163	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	62754	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
65) 1,2-Dichlorobenzene-d4	11.632	152	128766	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%
Target Compounds						
9) Trichlorofluoromethane	1.751	101	31636	0.68	ug/L	99
12) 1,1-Dichloroethene	2.118	96	113183	4.67	ug/L	81
17) Methyl tert-butyl Ether	2.777	73	6235	0.12	ug/L	97
25) Chloroform	4.381	83	10900	0.23	ug/L	100
35) Methylcyclohexane	6.076	83	26411	0.64	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	11220	0.47	ug/L #	84
50) 2-Hexanone	8.149	43	12142	1.45	ug/L #	82

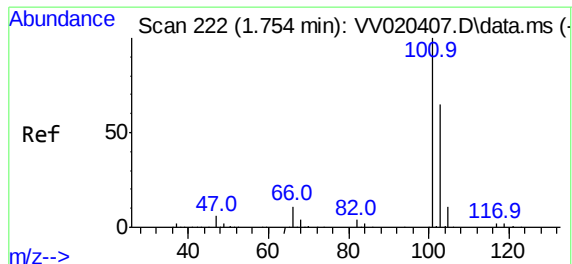
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 27 01:11:28 2021
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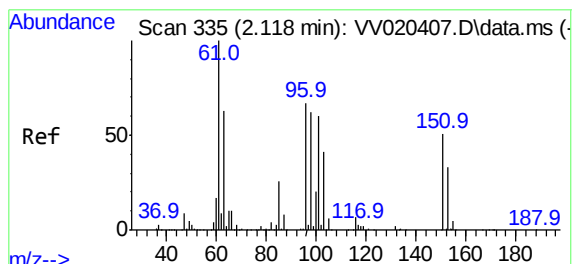
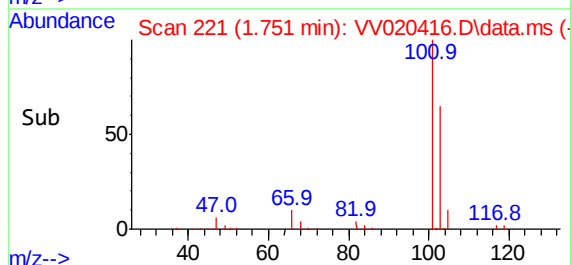
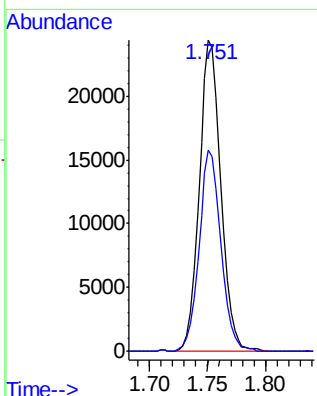
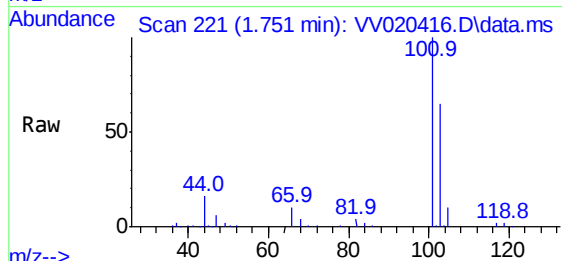




#9
Trichlorofluoromethane
Concen: 0.68 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV020416.D
Acq: 26 Feb 2021 15:13

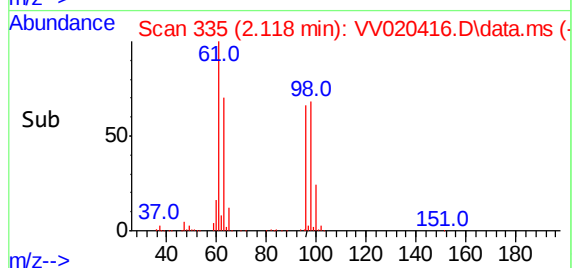
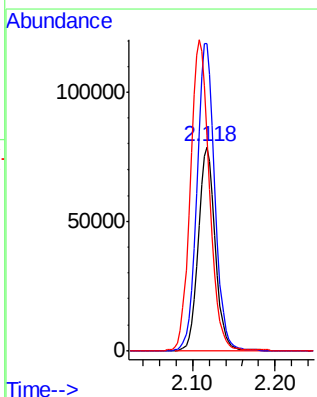
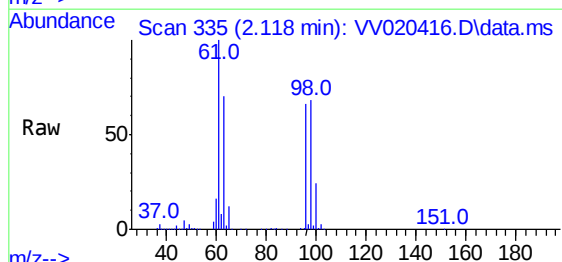
Instrument :
MSVOA_V
ClientSampled :
BG0M1

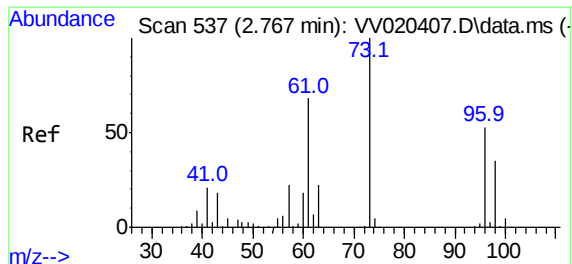
Tgt Ion:101 Resp: 31636
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5



#12
1,1-Dichloroethene
Concen: 4.67 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV020416.D
Acq: 26 Feb 2021 15:13

Tgt Ion: 96 Resp: 113183
Ion Ratio Lower Upper
96 100
61 150.9 123.1 228.7
63 105.5 91.2 169.4

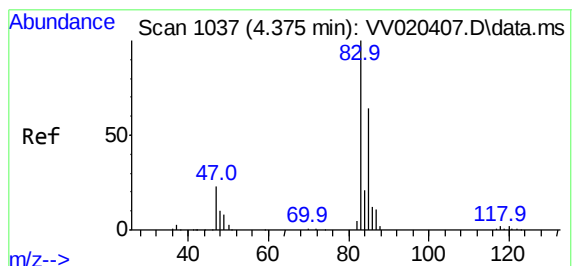
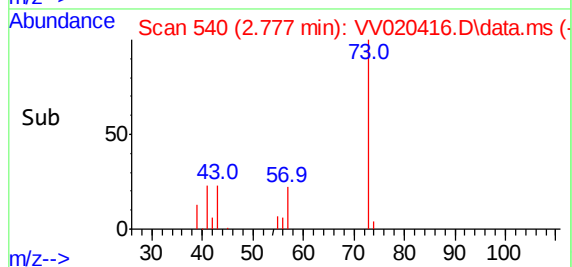
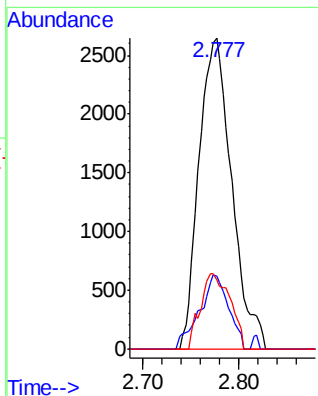
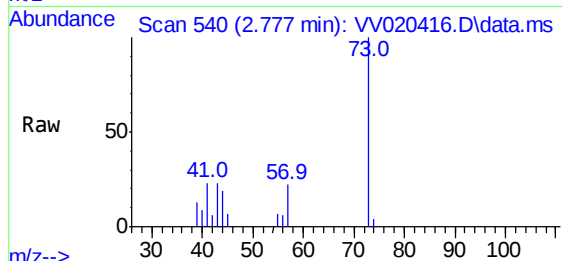




#17
Methyl tert-butyl Ether
Concen: 0.12 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.010 min
Lab File: VV020416.D
Acq: 26 Feb 2021 15:13

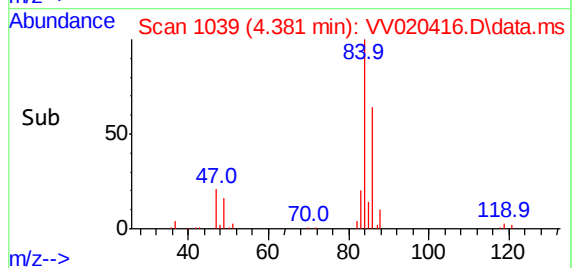
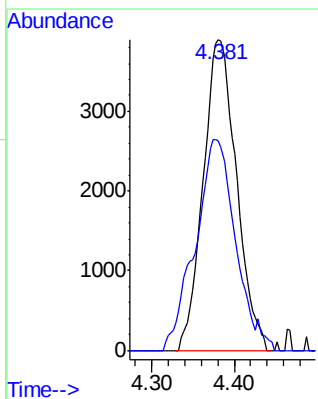
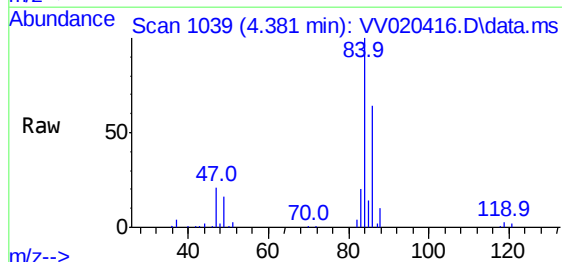
Instrument :
MSVOA_V
ClientSampleId :
BG0M1

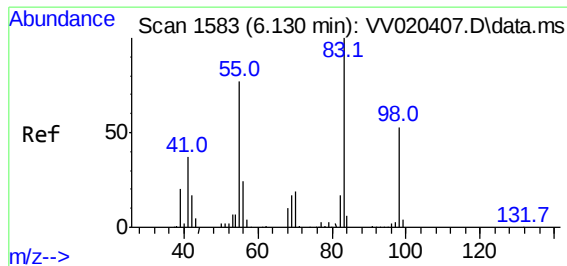
Tgt Ion: 73 Resp: 6235
Ion Ratio Lower Upper
73 100
43 21.1 18.3 27.5
57 22.0 16.7 25.1



#25
Chloroform
Concen: 0.23 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020416.D
Acq: 26 Feb 2021 15:13

Tgt Ion: 83 Resp: 10900
Ion Ratio Lower Upper
83 100
85 67.4 47.3 87.9

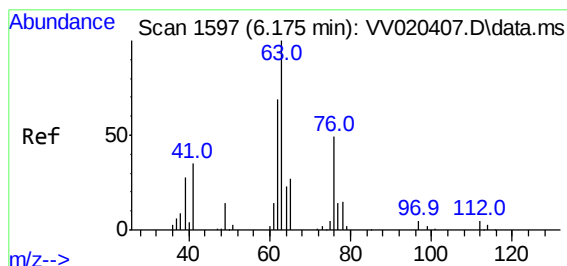
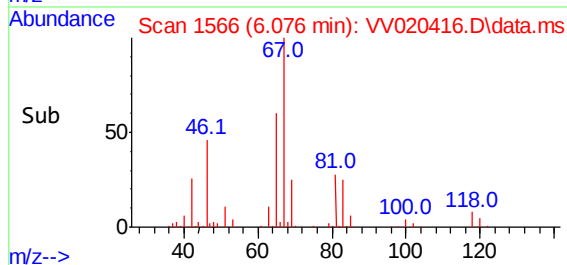
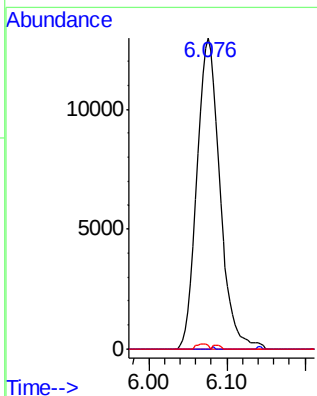
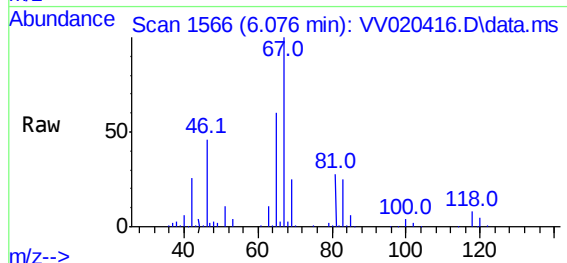




#35
Methylcyclohexane
Concen: 0.64 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV020416.D
Acq: 26 Feb 2021 15:13

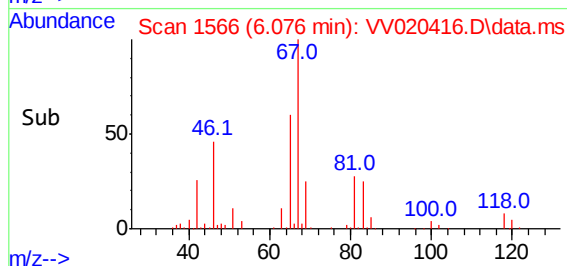
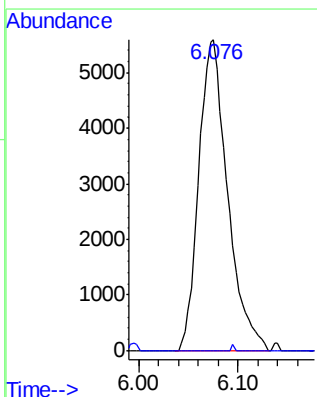
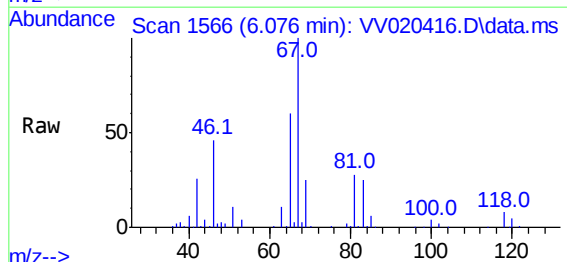
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MSVOA_V
ClientSampled :
BG0M1

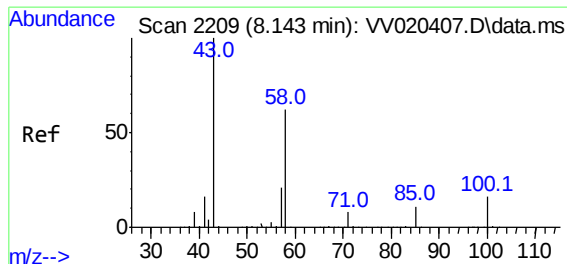
Tgt Ion: 83 Resp: 26411
Ion Ratio Lower Upper
83 100
55 0.1 61.8 92.8#
98 0.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.47 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV020416.D
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Tgt Ion: 63 Resp: 11220
Ion Ratio Lower Upper
63 100
112 0.2 4.5 6.7#





#50
2-Hexanone
Concen: 1.45 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV020416.D
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Tgt Ion: 43 Resp: 12142
Ion Ratio Lower Upper
43 100
58 43.7 41.6 62.4
57 3.1 15.4 23.0#
100 8.1 11.2 16.8#

