

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018466.D
 Acq On : 25 Sep 2020 19:17
 Operator : SY/MD
 Sample : L4149-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M2

Quant Time: Sep 26 02:56:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378346	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	360398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181250	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131200	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.10%
7) Chloroethane-d5	1.58	69	110156	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.32%
11) 1,1-Dichloroethene-d2	2.12	63	184699	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	3.92	46	165613	87.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.75%
24) Chloroform-d	4.38	84	227246	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	5.06	65	148924	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
32) Benzene-d6	5.08	84	483519	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.09	67	152067	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.78%
41) Toluene-d8	7.34	98	434133	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%
43) trans-1,3-Dichloropropene-	7.64	79	73114	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.78%
47) 2-Hexanone-d5	8.11	63	103167	83.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185212	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	179823	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

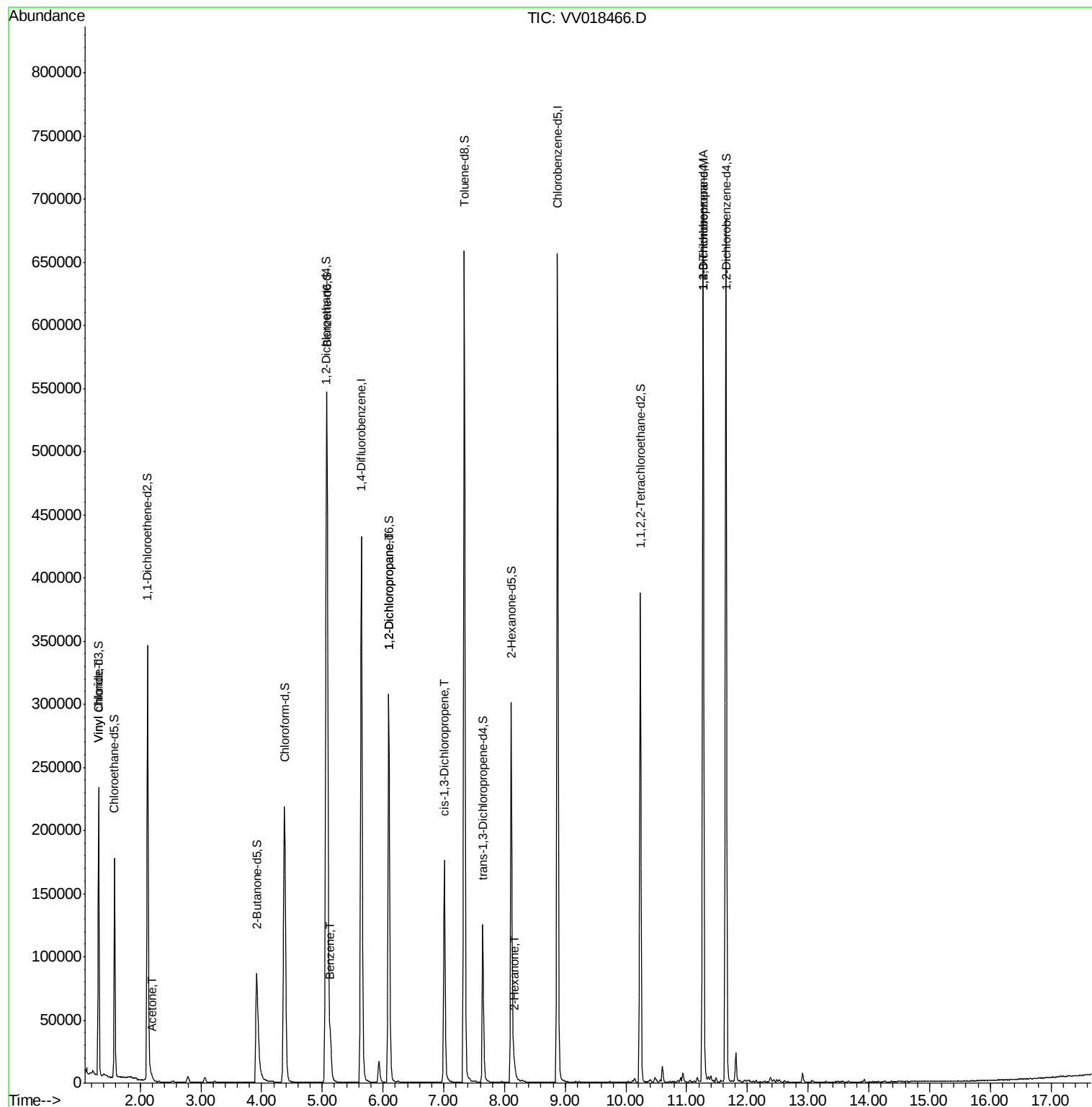
					Ovalue
5) Vinyl chloride	1.32	62	14278	4.622	ug/L 86
13) Acetone	2.20	43	4335	2.869	ug/L 73
33) Benzene	5.13	78	39111	3.796	ug/L 100
37) 1,2-Dichloropropane	6.09	63	16253	5.952	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	3925	0.933	ug/L # 65
48) 2-Hexanone	8.16	43	5884	2.253	ug/L # 74
59) 1,2,3-Trichloropropane	11.27	75	19681	6.128	ug/L 91

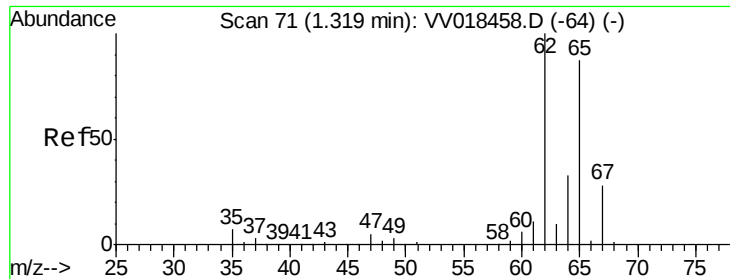
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.622 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018466.D

Acq: 25 Sep 2020 19:17

Instrument :

MSVOA_V

ClientSampled :

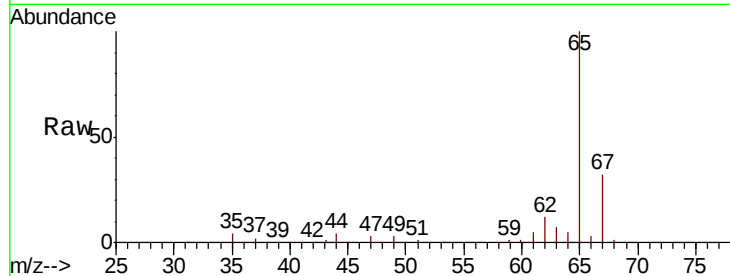
BG3M2

Tot Ion: 62 Resp: 14278

Ion Ratio Lower Upper

62 100

64 41.2 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

15000

10000

5000

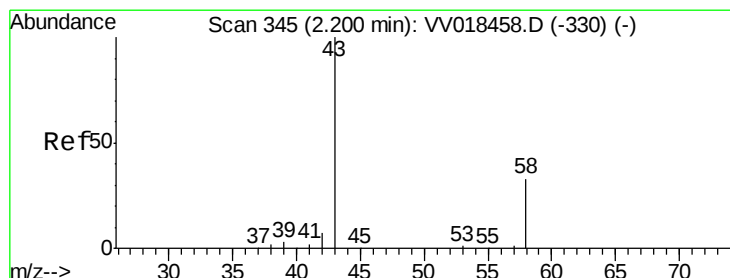
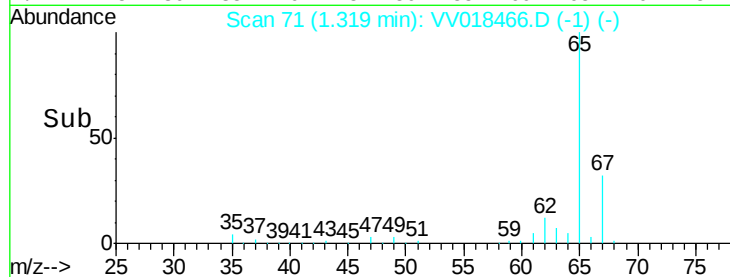
0

Time-->

1.30

1.32

1.35



#13

Acetone

Concen: 2.869 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV018466.D

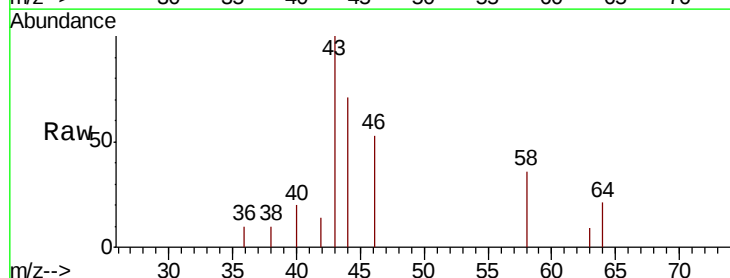
Acq: 25 Sep 2020 19:17

Tgt Ion: 43 Resp: 4335

Ion Ratio Lower Upper

43 100

58 18.0 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

1500

1000

500

0

Time-->

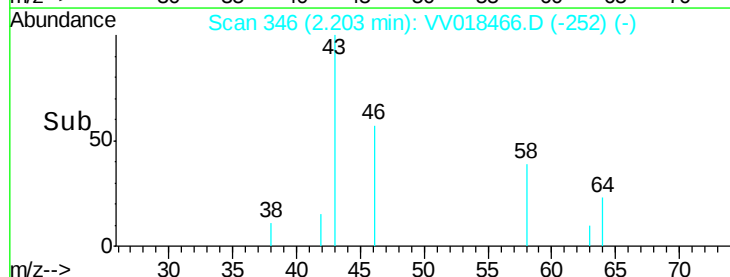
2.10

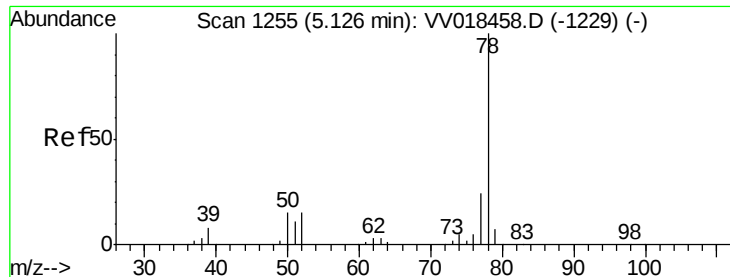
2.15

2.20

2.25

2.30





#33

Benzene

Concen: 3.796 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV018466.D

Acq: 25 Sep 2020 19:17

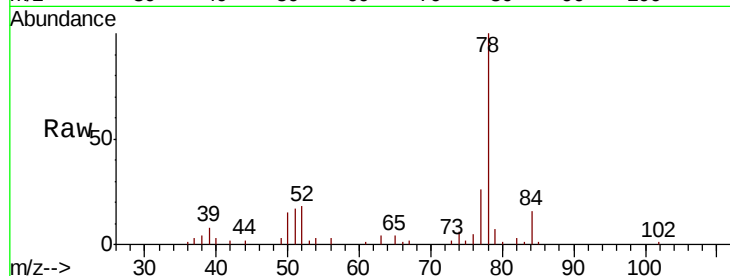
Instrument :

MSVOA_V

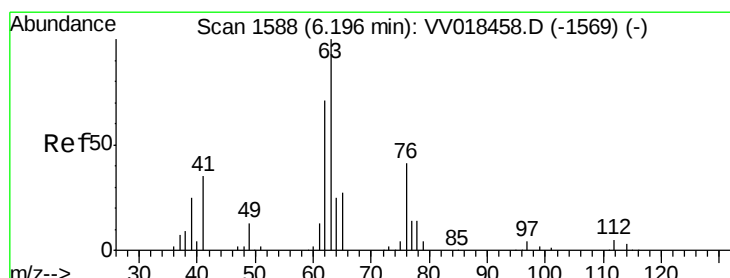
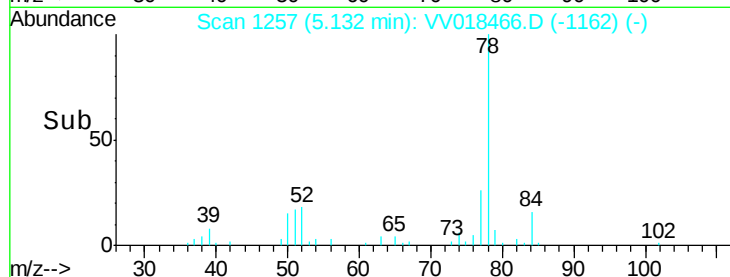
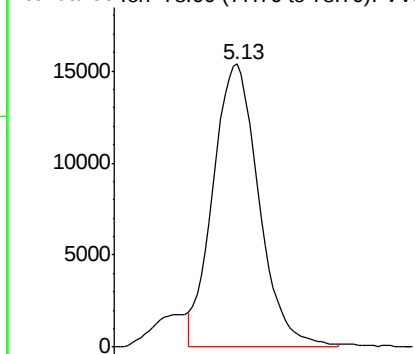
ClientSampleId :

BG3M2

Tgt Ion: 78 Resp: 39111



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 5.952 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018466.D

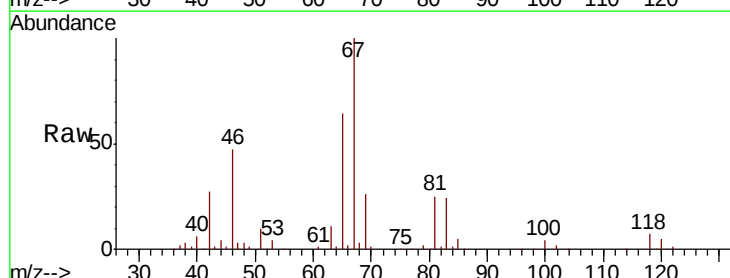
Acq: 25 Sep 2020 19:17

Tgt Ion: 63 Resp: 16253

Ion Ratio Lower Upper

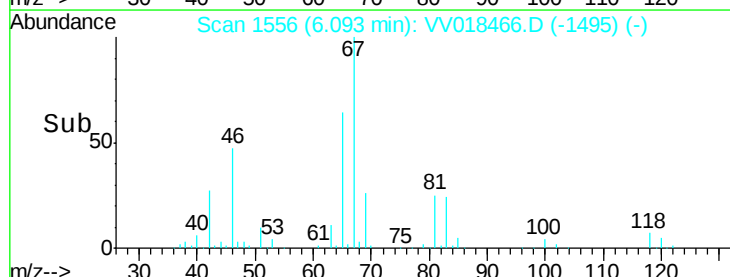
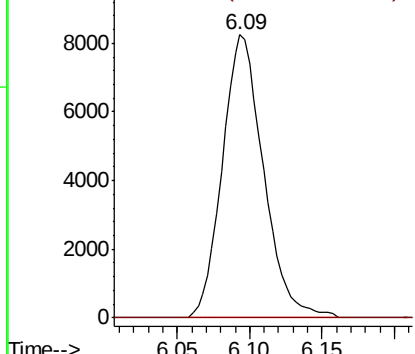
63 100

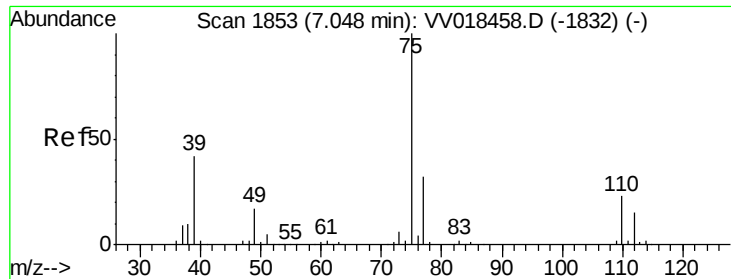
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

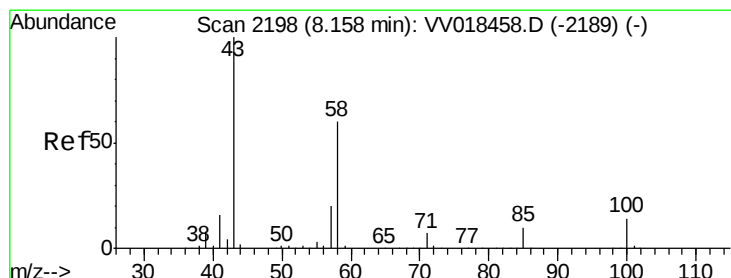
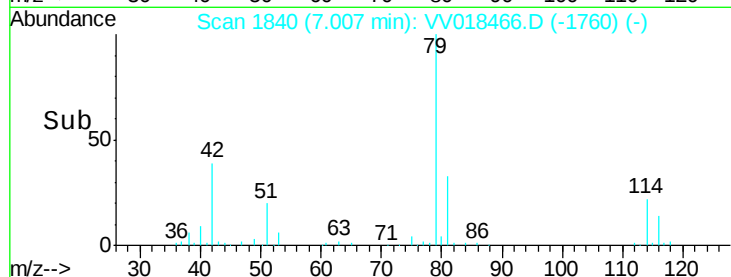
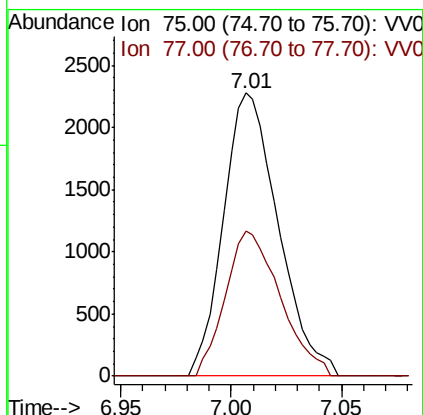
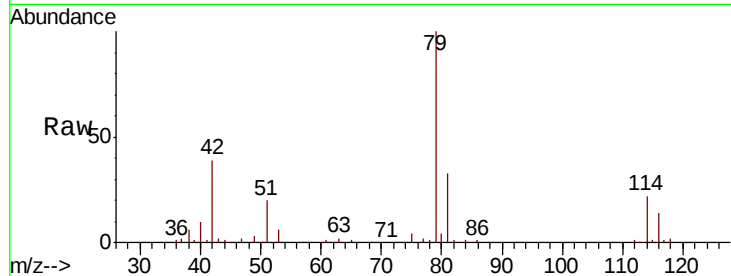




#39
 cis-1,3-Dichloropropene
 Concen: 0.933 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018466.D
 Acq: 25 Sep 2020 19:17

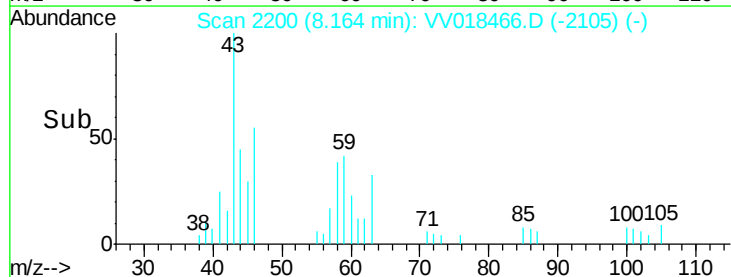
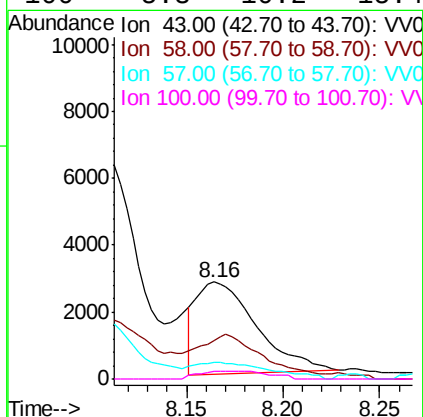
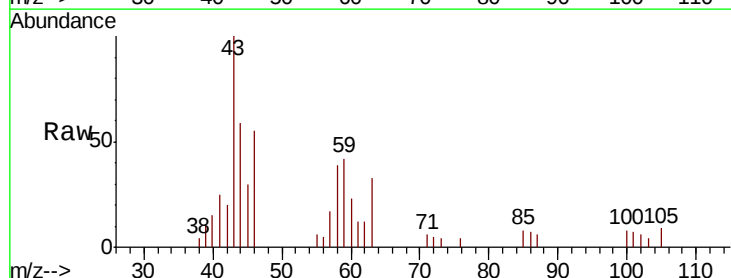
Instrument :
 MSVOA_V
 ClientSampled :
 BG3M2

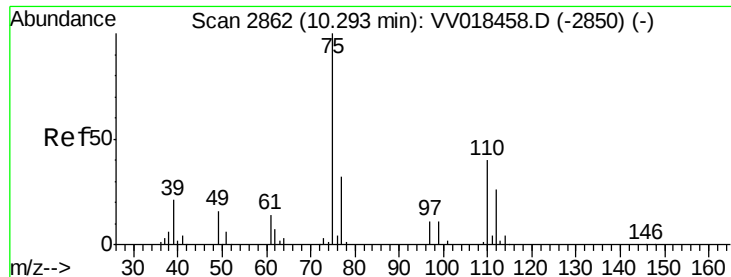
Tot Ion: 75 Resp: 3925
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.3 41.3#



#48
 2-Hexanone
 Concen: 2.253 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018466.D
 Acq: 25 Sep 2020 19:17

Tgt Ion: 43 Resp: 5884
 Ion Ratio Lower Upper
 43 100
 58 31.9 44.8 67.2#
 57 23.5 15.8 23.6
 100 5.3 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.128 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018466.D

Acq: 25 Sep 2020 19:17

Instrument :

MSVOA_V

ClientSampleId :

BG3M2

Tot Ion: 75 Resp: 19681

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.6

