

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018467.D
 Acq On : 25 Sep 2020 19:40
 Operator : SY/MD
 Sample : L4149-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M3

Quant Time: Sep 26 02:56:46 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	382339	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	366187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182276	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	130423	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.72%
7) Chloroethane-d5	1.58	69	108333	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.98%
11) 1,1-Dichloroethene-d2	2.12	63	184178	32.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.44%
21) 2-Butanone-d5	3.91	46	167594	87.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.88%
24) Chloroform-d	4.38	84	230407	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	5.06	65	150262	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
32) Benzene-d6	5.08	84	482231	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.09	67	152021	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.28%
41) Toluene-d8	7.34	98	435541	45.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.18%
43) trans-1,3-Dichloropropene-	7.64	79	73222	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.52%
47) 2-Hexanone-d5	8.11	63	104944	83.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185332	44.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	179108	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%

Target Compounds

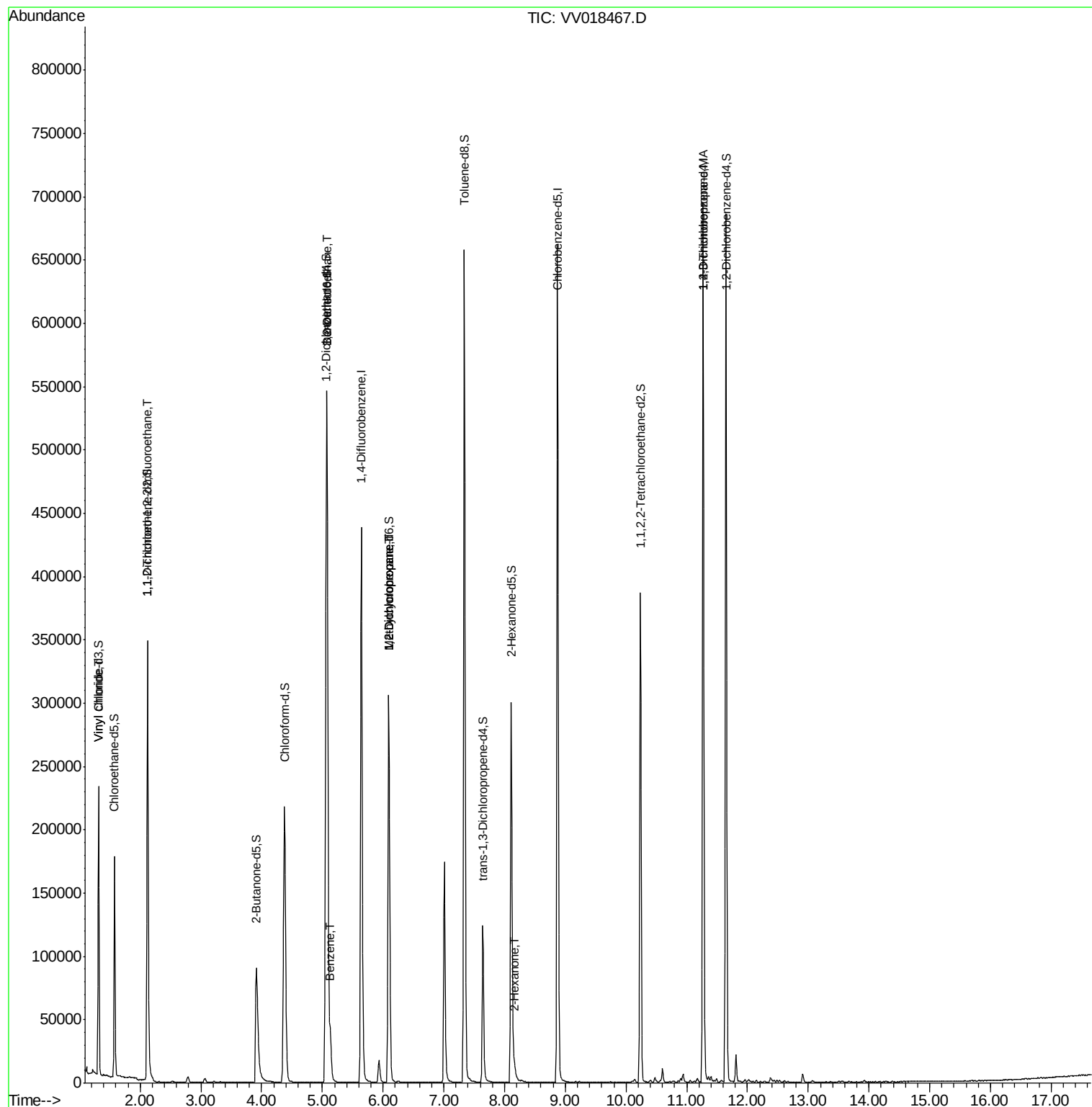
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	14135	4.528	ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1732	0.671	ug/L #	19
27) 1,2-Dichloroethane	5.07	62	2765	0.718	ug/L #	74
33) Benzene	5.13	78	39564	3.779	ug/L	100
35) Methylcyclohexane	6.09	83	36194	8.429	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	15676	5.650	ug/L #	87
48) 2-Hexanone	8.16	43	7351	2.770	ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	19752	6.053	ug/L	90

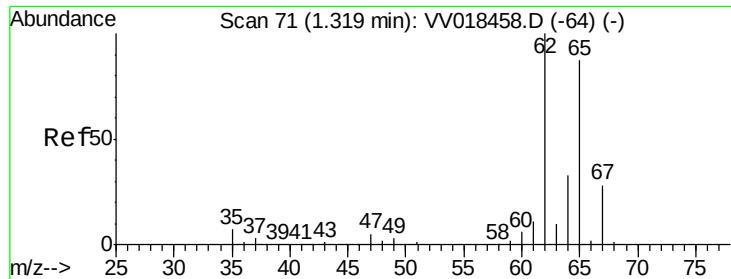
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 26 02:48:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.528 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018467.D

Acq: 25 Sep 2020 19:40

Instrument :

MSVOA_V

ClientSampleId :

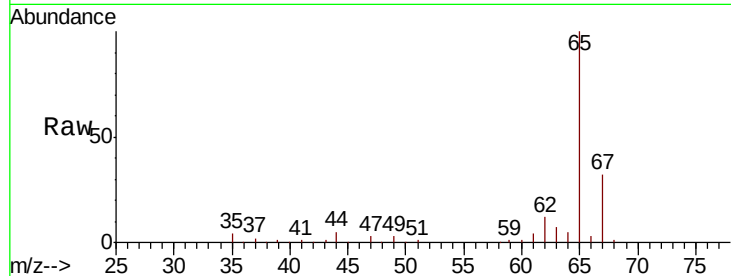
BG3M3

Tot Ion: 62 Resp: 14135

Ion Ratio Lower Upper

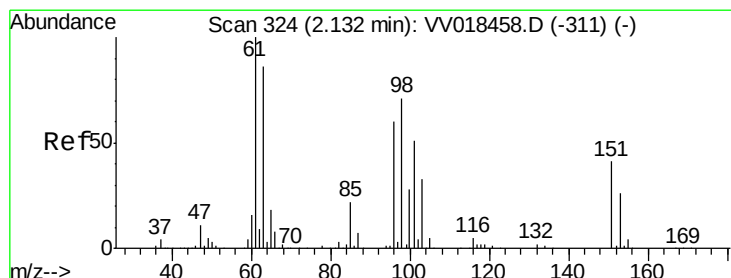
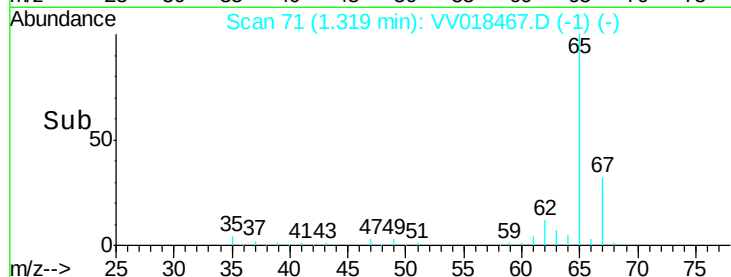
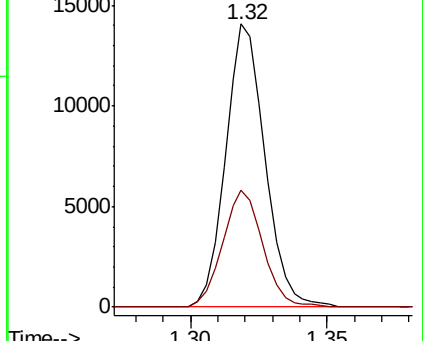
62 100

64 41.3 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV018467.D (-64) (-)

Ion 64.00 (63.70 to 64.70): VV018467.D (-64) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.671 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018467.D

Acq: 25 Sep 2020 19:40

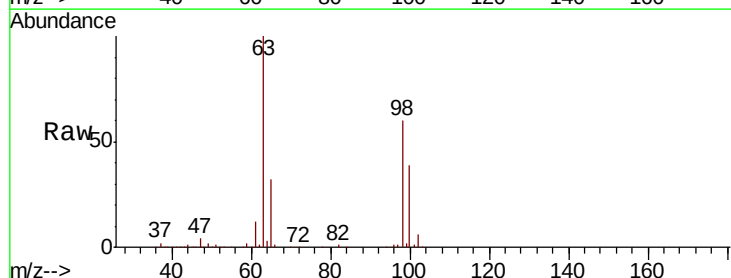
Tgt Ion: 101 Resp: 1732

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

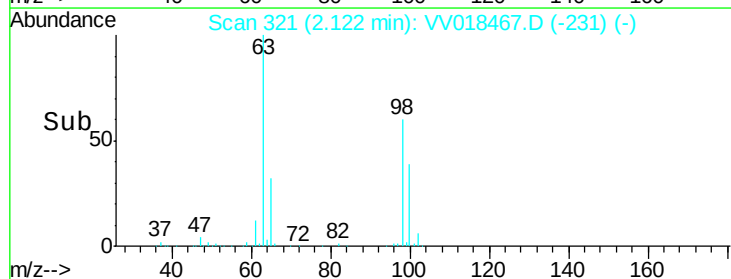
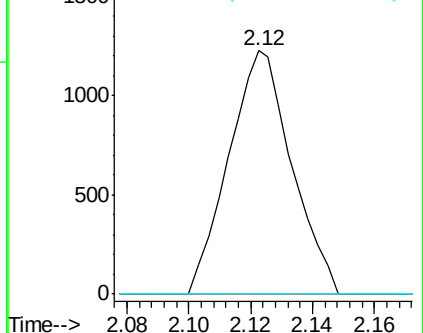
151 0.0 62.2 93.2#

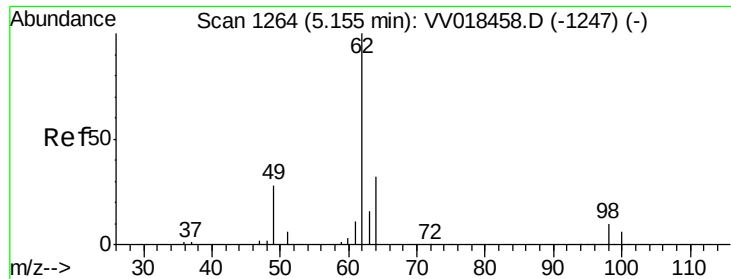


Abundance Ion 101.00 (100.70 to 101.70): VV018467.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018467.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018467.D (-311) (-)





#27

1,2-Dichloroethane

Concen: 0.718 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV018467.D

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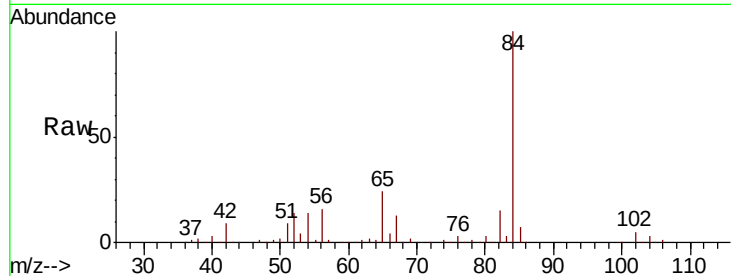
BG3M3

Tot Ion: 62 Resp: 2765

Ion Ratio Lower Upper

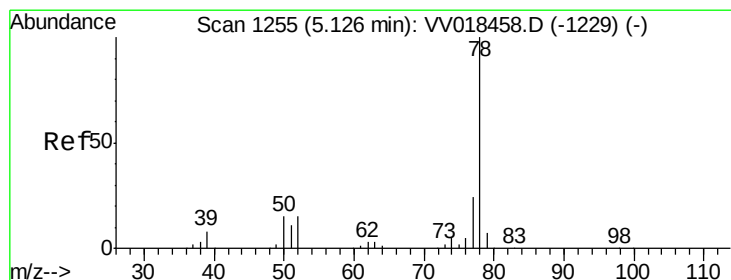
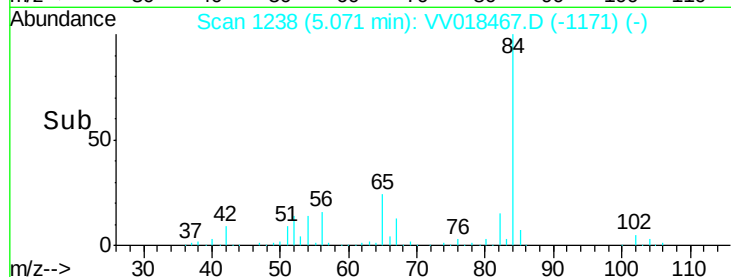
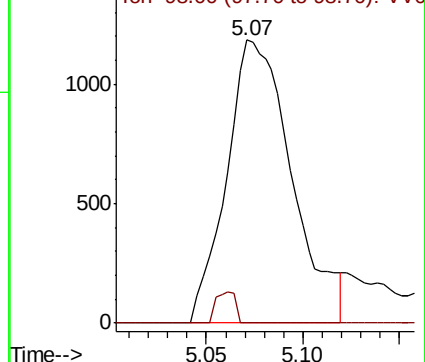
62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#33

Benzene

Concen: 3.779 ug/L

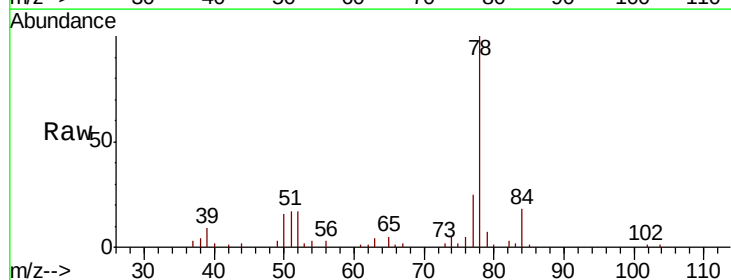
RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

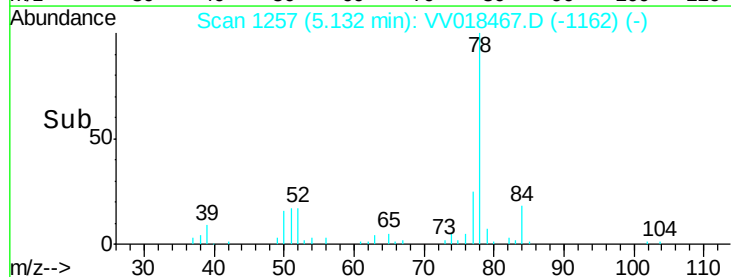
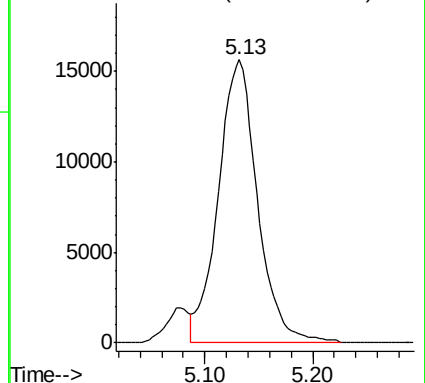
Lab File: VV018467.D

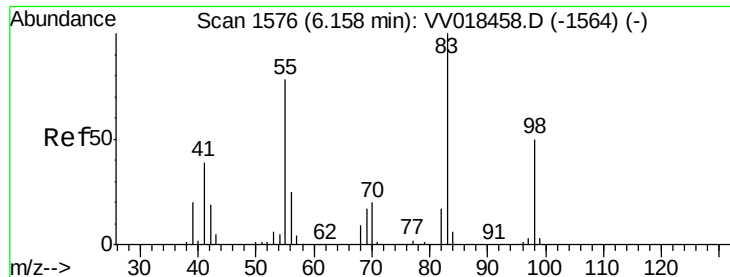
Acq: 25 Sep 2020 19:40

Tgt Ion: 78 Resp: 39564



Abundance Ion 78.00 (77.70 to 78.70): VV0

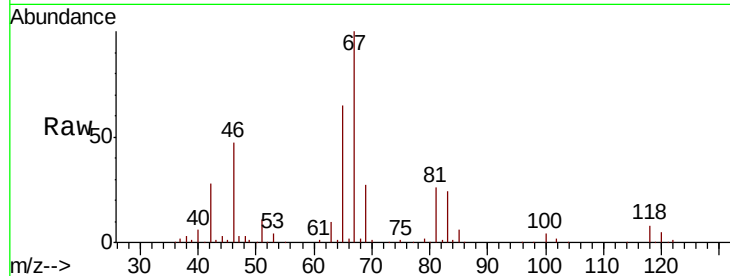




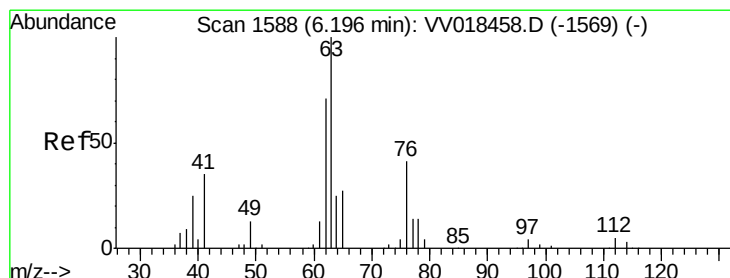
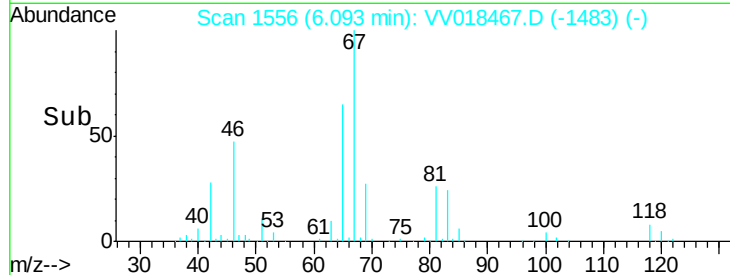
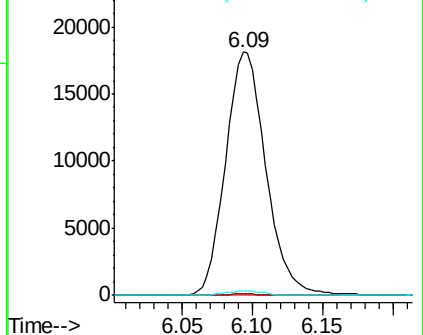
#35
Methylvlcyclohexane
Concen: 8.429 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018467.D
Acq: 25 Sep 2020 19:40

Instrument :
MSVOA_V
ClientSampleId :
BG3M3

Tot Ion: 83 Resp: 36194
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.5 38.8 58.2#

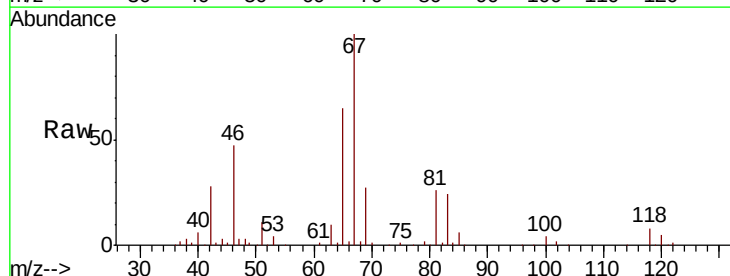


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

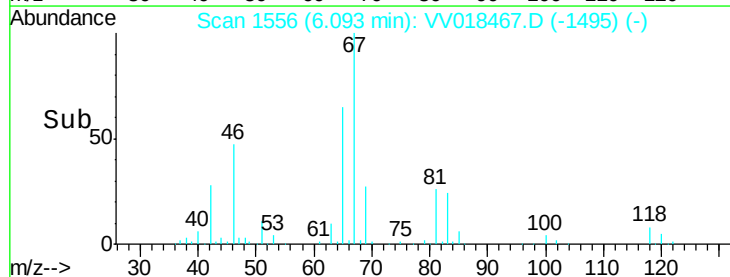
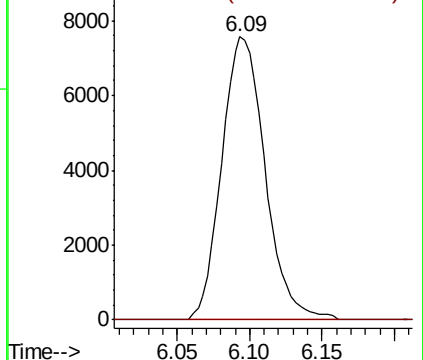


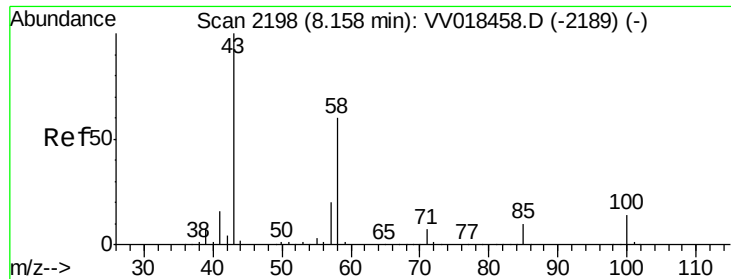
#37
1,2-Dichloropropane
Concen: 5.650 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018467.D
Acq: 25 Sep 2020 19:40

Tgt Ion: 63 Resp: 15676
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

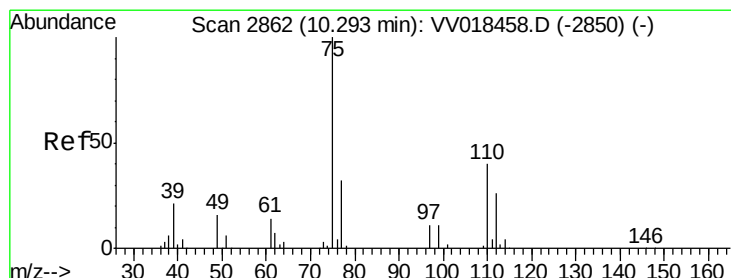
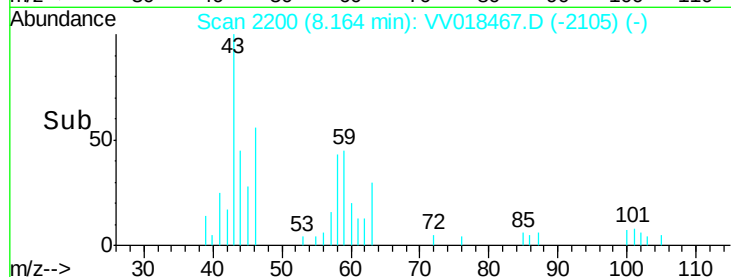
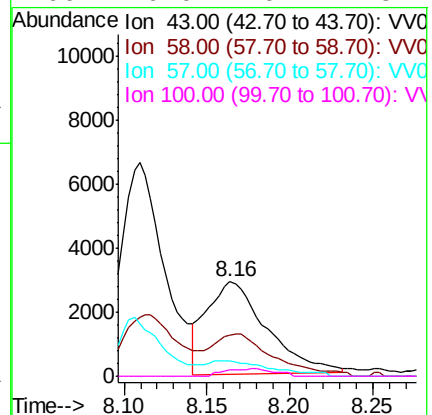
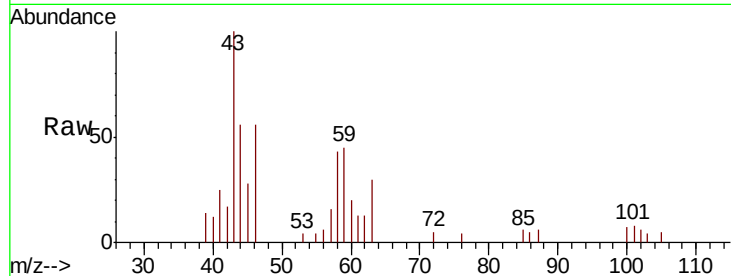




#48
 2-Hexanone
 Concen: 2.770 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018467.D
 Acq: 25 Sep 2020 19:40

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M3

Tot Ion: 43 Resp: 7351
 Ion Ratio Lower Upper
 43 100
 58 45.0 44.8 67.2
 57 11.4 15.8 23.6#
 100 0.0 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.053 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018467.D
 Acq: 25 Sep 2020 19:40

Tgt Ion: 75 Resp: 19752
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.8 38.6

