

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
 Data File : VV011320.D
 Acq On : 08 Jun 2019 07:40
 Operator : SY/MD
 Sample : K3229-02
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9P65

Quant Time: Jun 10 06:53:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 10 06:50:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41310	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.58	69	36104	3.68	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.12	63	71102	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.98	46	121025	45.51	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.02%
24) Chloroform-d	4.40	84	89712	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.08	65	51154	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.09	84	178012	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.12	67	55985	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.36	98	154918	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.66	79	15002	3.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.60%
46) 2-Hexanone-d5	8.14	63	101102	48.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39992	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52857	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

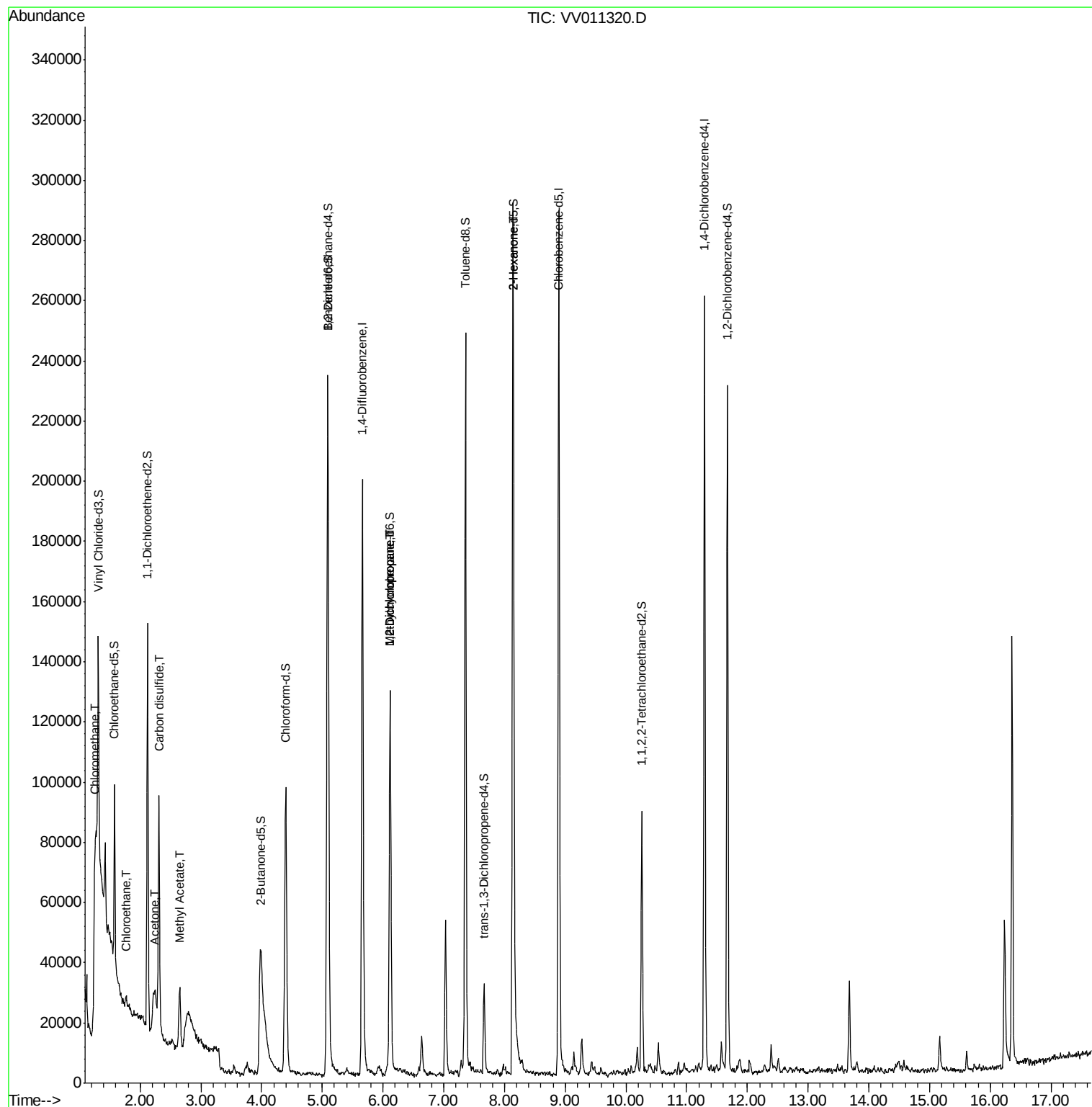
					Qvalue
3) Chloromethane	1.25	50	3798	0.256 ug/L #	80
8) Chloroethane	1.76	64	1762	0.192 ug/L #	61
13) Acetone	2.24	43	55369	31.054 ug/L	65
14) Carbon disulfide	2.31	76	80732	2.710 ug/L	98
15) Methyl Acetate	2.64	43	1901	0.401 ug/L #	76
35) Methylcyclohexane	6.12	83	13673	0.714 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7503	0.673 ug/L #	87
48) 2-Hexanone	8.14	43	14235	2.873 ug/L #	70

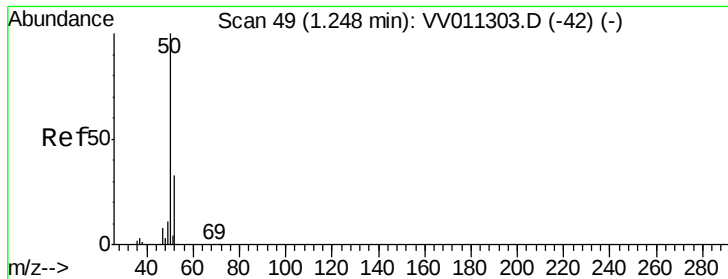
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 10 06:50:13 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.256 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011320.D

Acq: 08 Jun 2019 07:40

Instrument :

MSVOA_V

ClientSampleId :

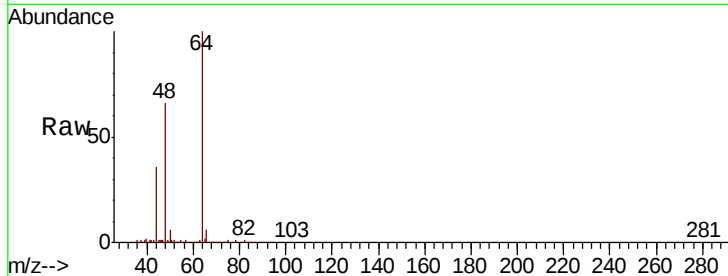
F9P65

Tgt Ion: 50 Resp: 3798

Ion Ratio Lower Upper

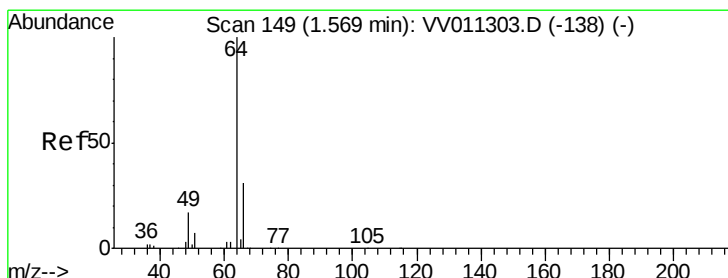
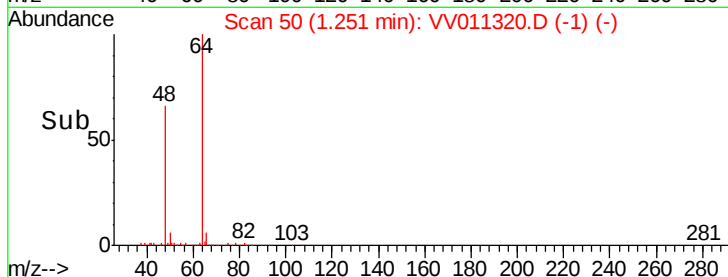
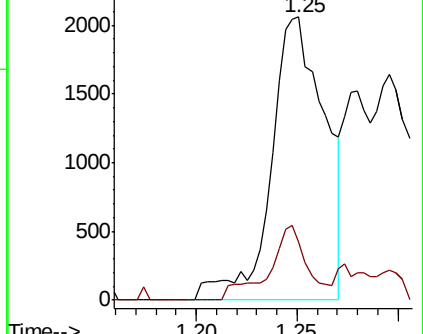
50 100

52 20.5 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.192 ug/L

RT: 1.76 min Scan# 208

Delta R.T. 0.19 min

Lab File: VV011320.D

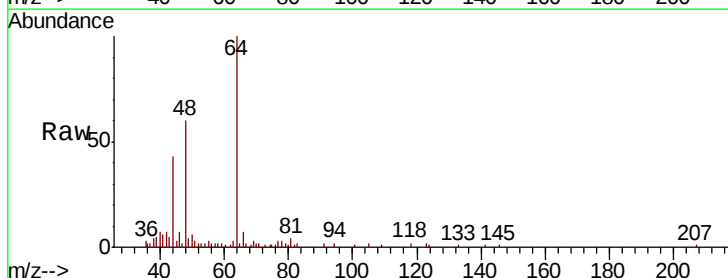
Acq: 08 Jun 2019 07:40

Tgt Ion: 64 Resp: 1762

Ion Ratio Lower Upper

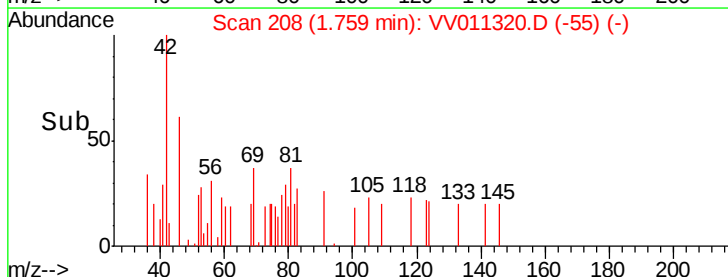
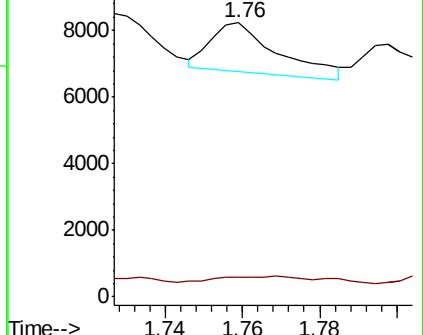
64 100

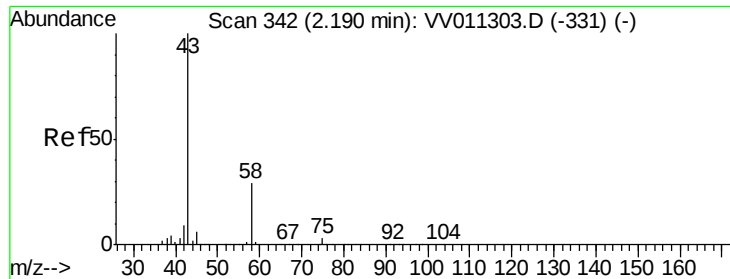
66 7.2 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 31.054 ug/L

RT: 2.24 min Scan# 357

Delta R.T. 0.04 min

Lab File: VV011320.D

Acq: 08 Jun 2019 07:40

Instrument :

MSVOA_V

ClientSampleId :

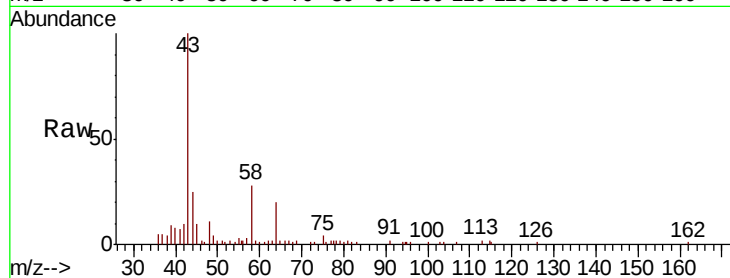
F9P65

Tgt Ion: 43 Resp: 55369

Ion Ratio Lower Upper

43 100

58 9.1 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.24

10000

8000

6000

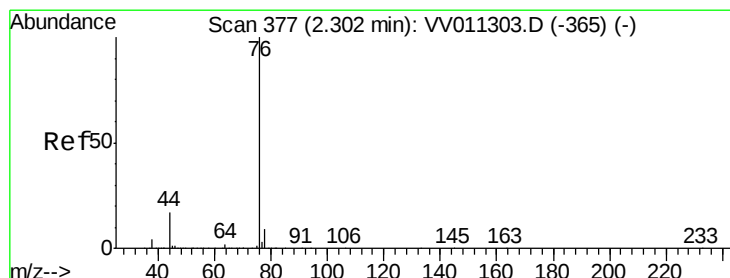
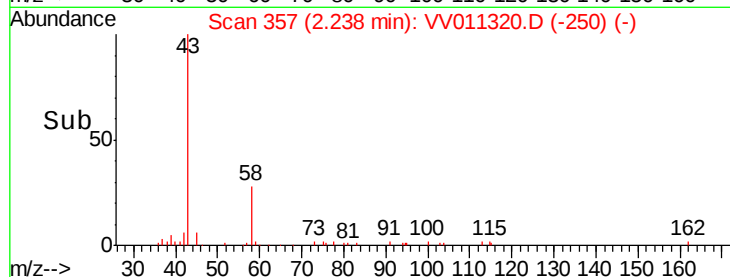
4000

2000

0

Time-->

2.10 2.20 2.30 2.40



#14

Carbon disulfide

Concen: 2.710 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV011320.D

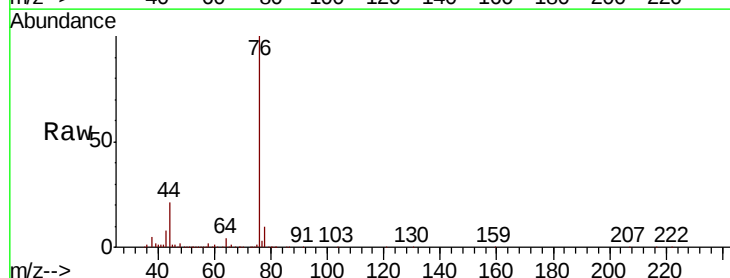
Acq: 08 Jun 2019 07:40

Tgt Ion: 76 Resp: 80732

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

60000

50000

40000

30000

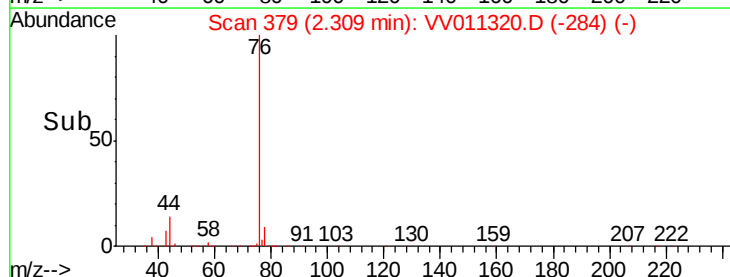
20000

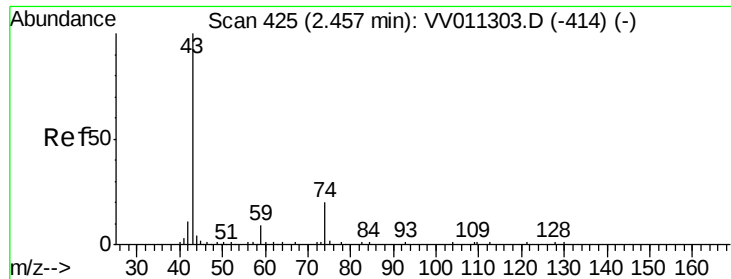
10000

0

Time-->

2.20 2.30 2.40

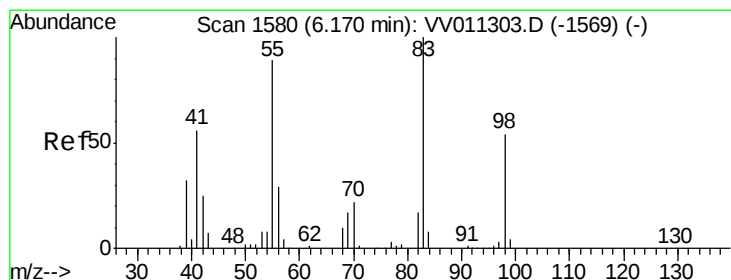
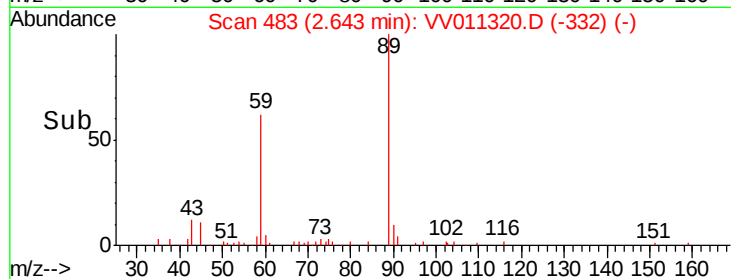
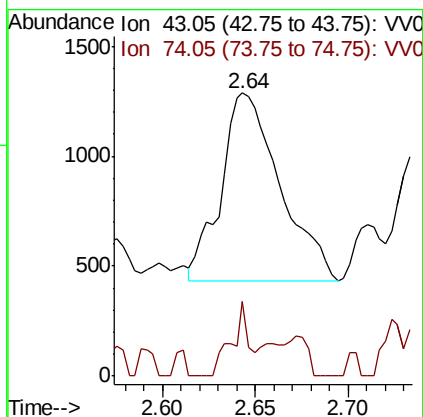
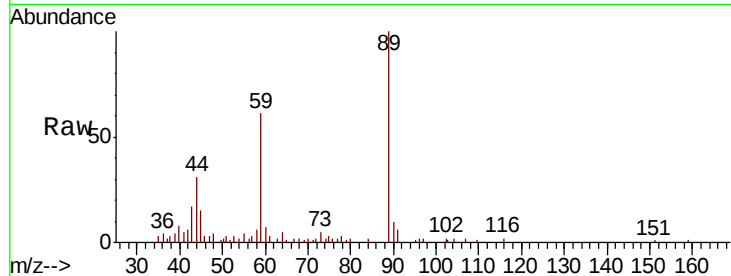




#15
Methyl Acetate
Concen: 0.401 ug/L
RT: 2.64 min Scan# 483
Delta R.T. 0.19 min
Lab File: VV011320.D
Acq: 08 Jun 2019 07:40

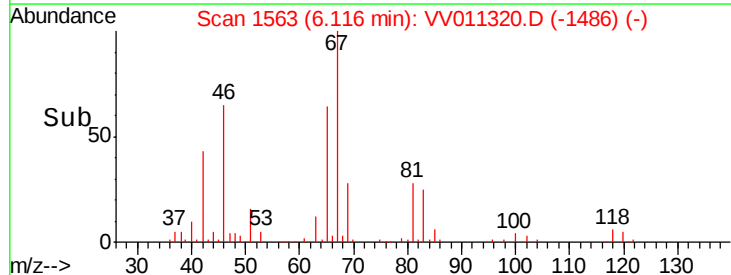
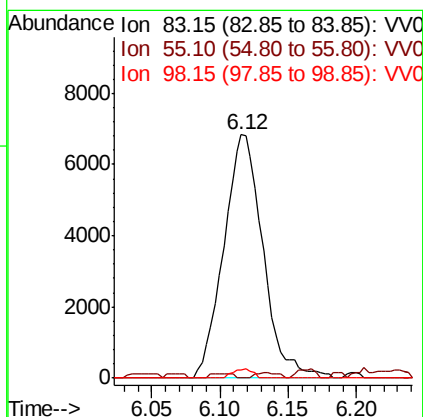
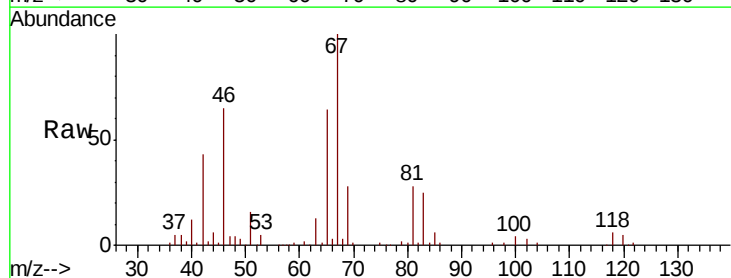
Instrument :
MSVOA_V
ClientSampled :
F9P65

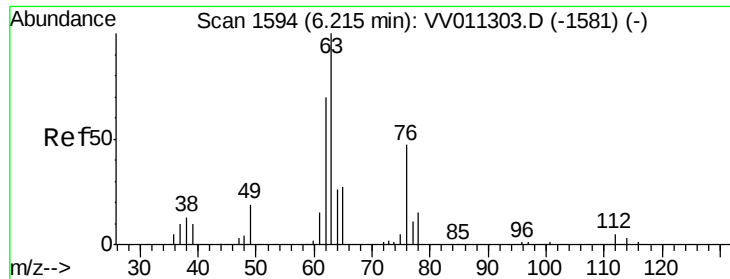
Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
74 11.3 18.5 27.7#



#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011320.D
Acq: 08 Jun 2019 07:40

Tgt Ion: 83 Resp: 13673
Ion Ratio Lower Upper
83 100
55 1.0 67.0 100.6#
98 1.9 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011320.D

Acq: 08 Jun 2019 07:40

Instrument :

MSVOA_V

ClientSampleId :

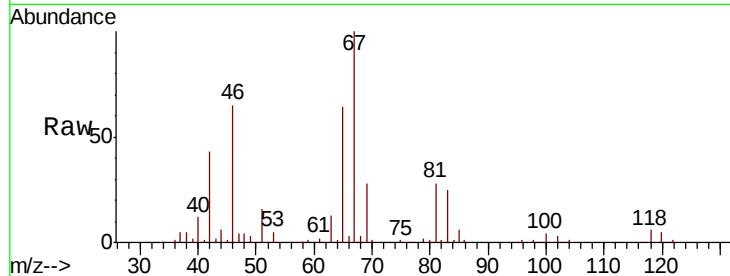
F9P65

Tgt Ion: 63 Resp: 7503

Ion Ratio Lower Upper

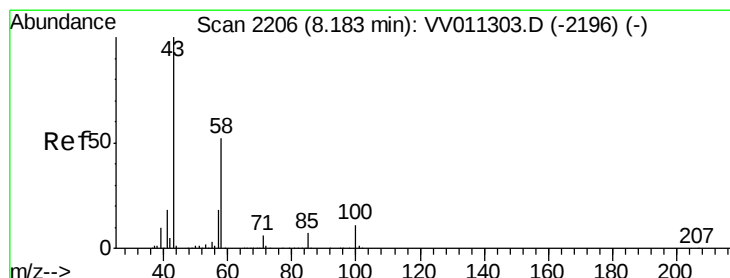
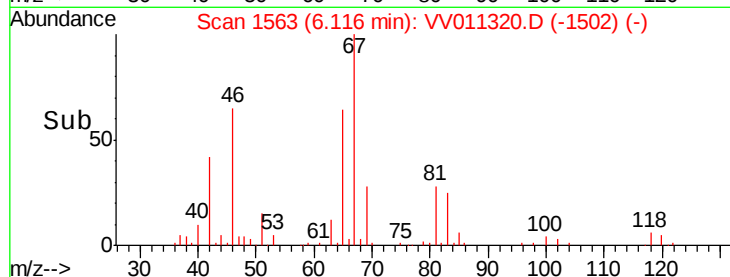
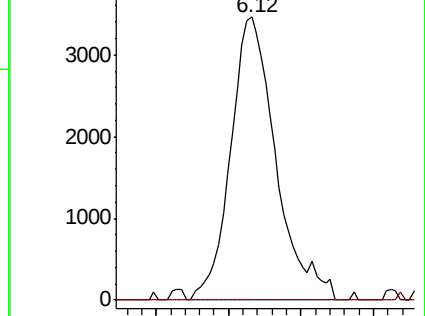
63 100

112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 2.873 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.04 min

Lab File: VV011320.D

Acq: 08 Jun 2019 07:40

Tgt Ion: 43 Resp: 14235

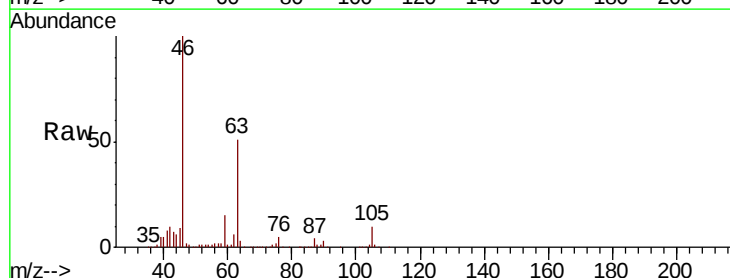
Ion Ratio Lower Upper

43 100

58 28.8 41.4 62.0#

57 28.7 15.0 22.4#

100 0.3 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

