

Data File : VV008157.D
Acq On : 08 Oct 2018 17:29
Operator : SY/MD
Sample : J5281-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYK8

Quant Time: Oct 09 03:39:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 03:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88251	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26486	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	21342	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.14	63	38167	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.96	46	63085	48.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.82%
24) Chloroform-d	4.41	84	53756	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	26697	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	103140	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.13	67	31945	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	90908	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	10709	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	38300	40.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21722	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	35685	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

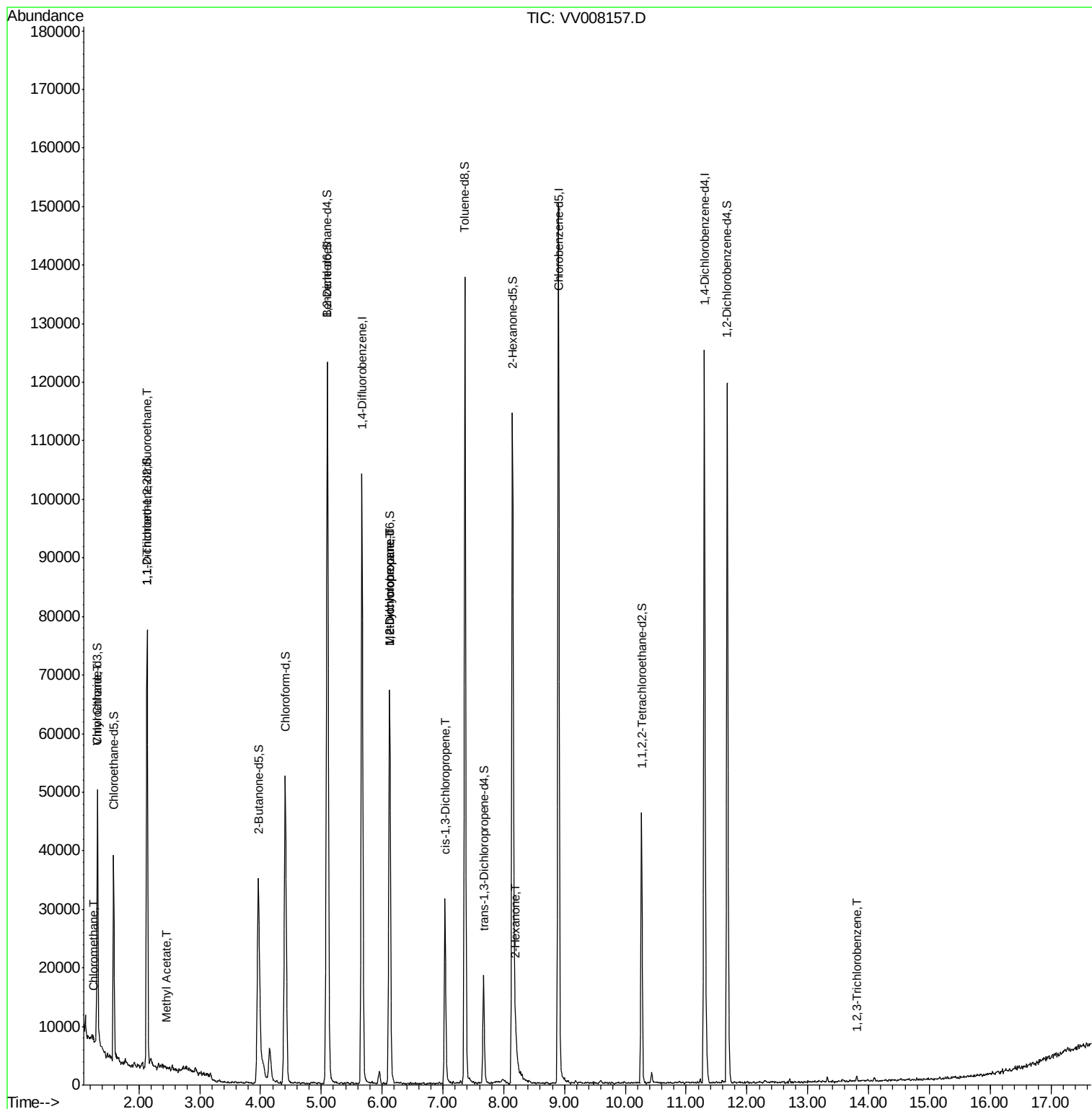
					Qvalue
3) Chloromethane	1.25	50	407	0.081 ug/L #	74
8) Chloroethane	1.32	64	325	0.087 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	464	0.081 ug/L #	14
15) Methyl Acetate	2.46	43	386	0.184 ug/L #	53
35) Methylcyclohexane	6.12	83	7606	0.877 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3756	0.654 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	741	0.101 ug/L #	51
48) 2-Hexanone	8.20	43	4100	1.856 ug/L #	85
70) 1,2,3-Trichlorobenzene	13.81	180	451	0.064 ug/L #	88

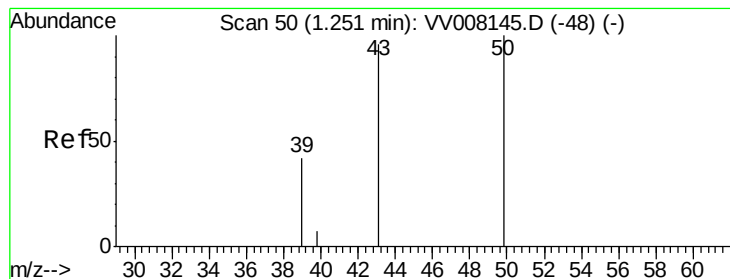
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Acq: 08 Oct 2018 17:29

Instrument :

MSVOA_V

ClientSampleId :

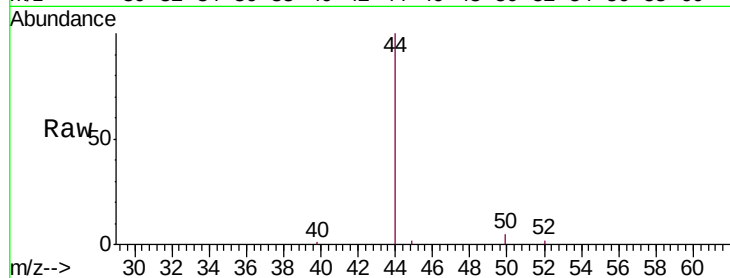
BEYK8

Tgt Ion: 50 Resp: 407

Ion Ratio Lower Upper

50 100

52 47.5 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VV008145.D (-48) (-)

Ion 52.05 (51.75 to 52.75): VV008145.D (-48) (-)

1.25

300

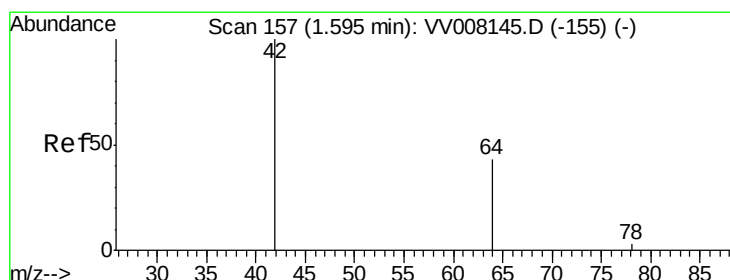
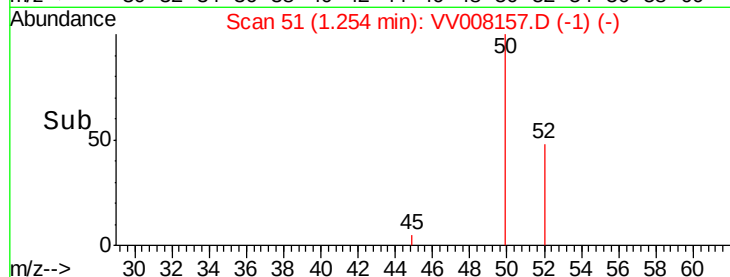
200

100

0

1.22 1.24 1.26 1.28

Time-->



#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.29 min

Lab File: VV008157.D

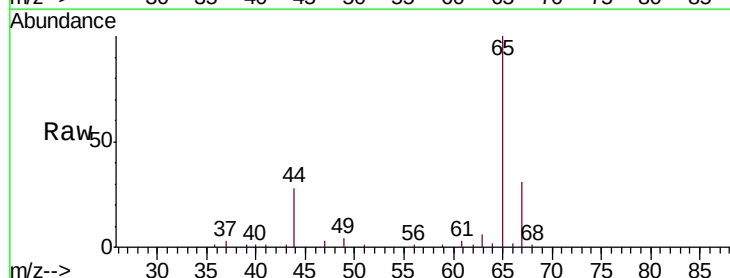
Acq: 08 Oct 2018 17:29

Tgt Ion: 64 Resp: 325

Ion Ratio Lower Upper

64 100

66 162.8 24.1 44.8#



Abundance Ion 64.10 (63.80 to 64.80): VV008145.D (-155) (-)

Ion 66.05 (65.75 to 66.75): VV008145.D (-155) (-)

1.32

600

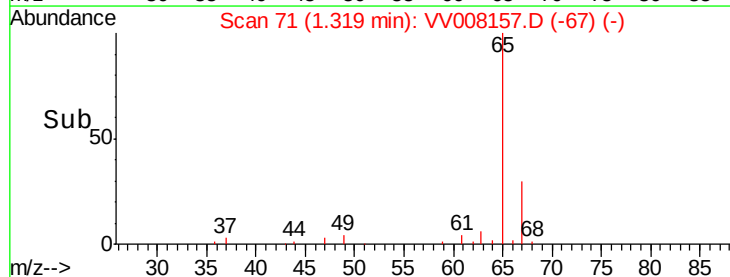
400

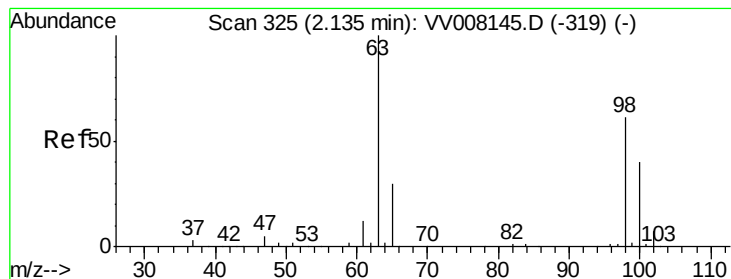
200

0

1.30 1.31 1.32 1.33 1.34

Time-->





#10

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

Concen: 0.081 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008157.D

Acq: 08 Oct 2018 17:29

Instrument :

MSVOA_V

ClientSampleId :

BEYK8

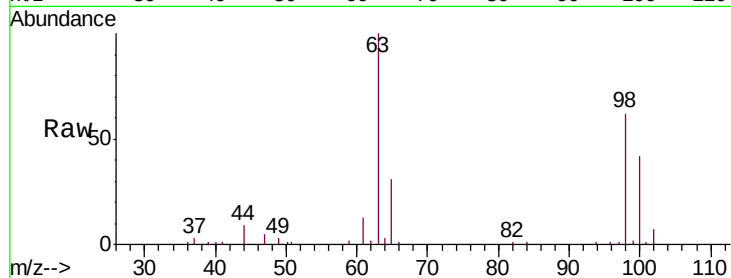
Tgt Ion:101 Resp: 464

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

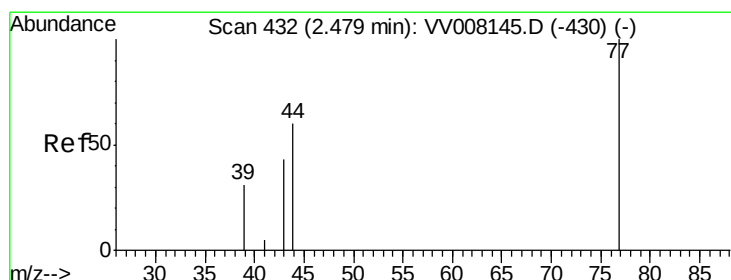
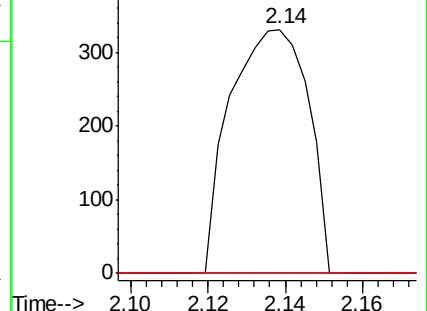
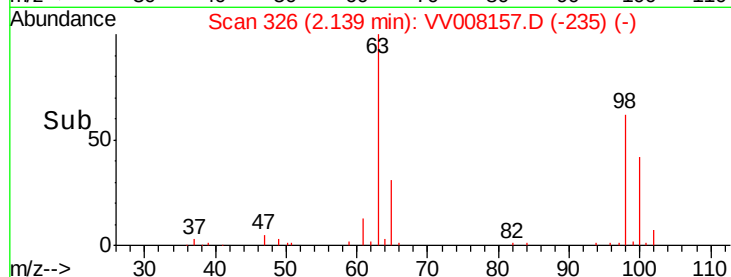
151 0.0 70.7 106.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#15

Methyl Acetate

Concen: 0.184 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV008157.D

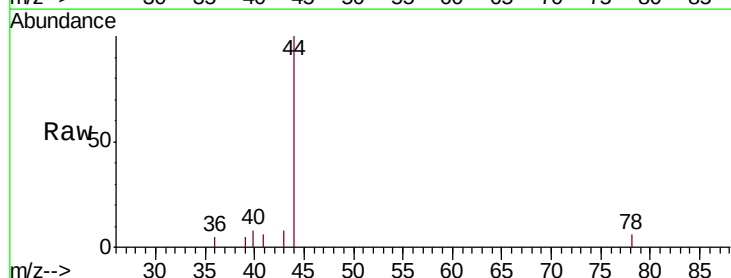
Acq: 08 Oct 2018 17:29

Tgt Ion: 43 Resp: 386

Ion Ratio Lower Upper

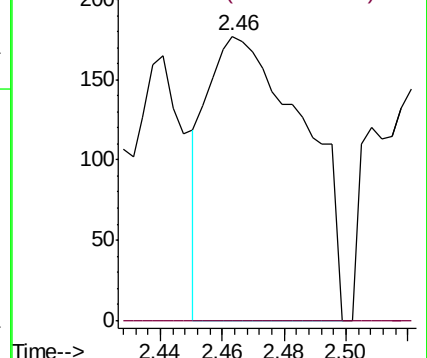
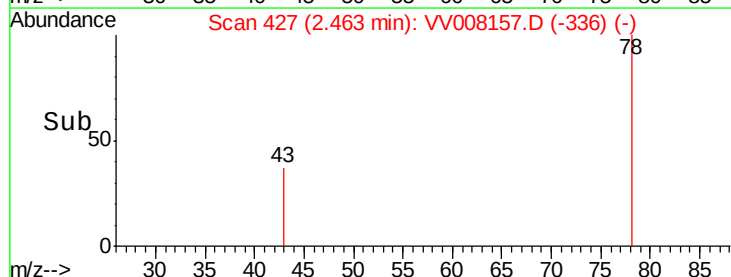
43 100

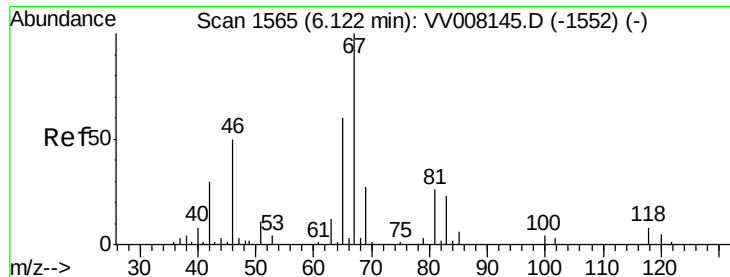
74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008157.D

Acq: 08 Oct 2018 17:29

Instrument :

MSVOA_V

ClientSampleId :

BEYK8

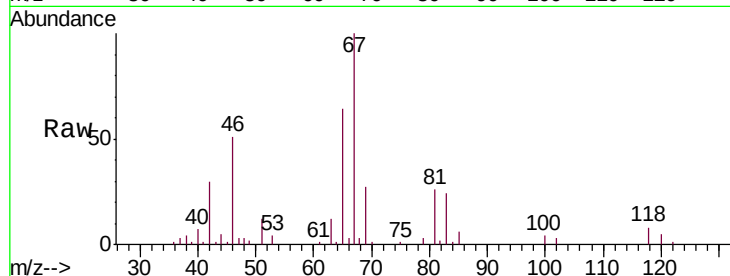
Tgt Ion: 83 Resp: 7606

Ion Ratio Lower Upper

83 100

55 1.3 63.6 95.4#

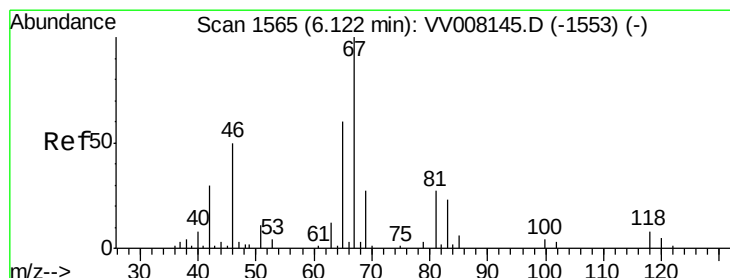
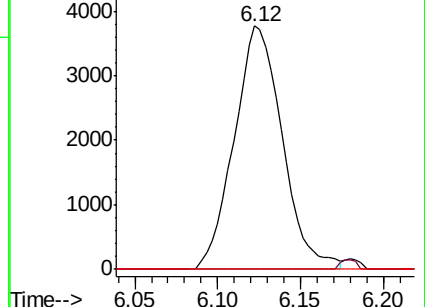
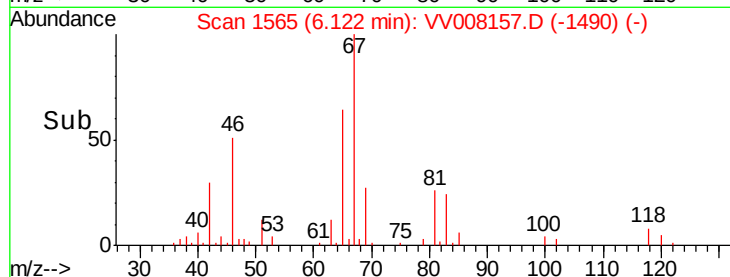
98 0.3 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008157.D (-1490) (-)

Ion 55.10 (54.80 to 55.80): VV008157.D (-1490) (-)

Ion 98.15 (97.85 to 98.85): VV008157.D (-1490) (-)



#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008157.D

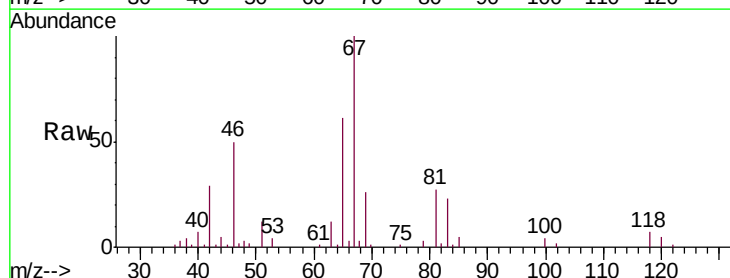
Acq: 08 Oct 2018 17:29

Tgt Ion: 63 Resp: 3756

Ion Ratio Lower Upper

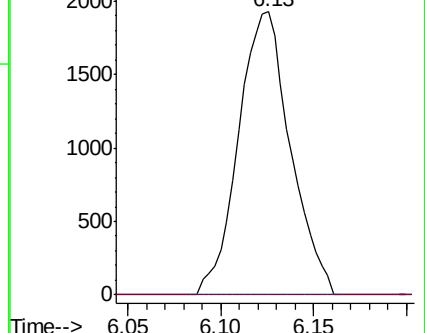
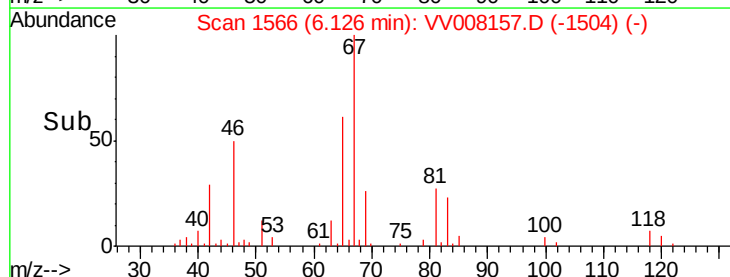
63 100

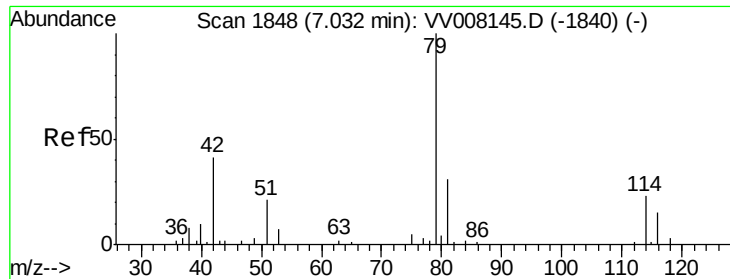
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008157.D (-1504) (-)

Ion 112.10 (111.80 to 112.80): VV008157.D (-1504) (-)

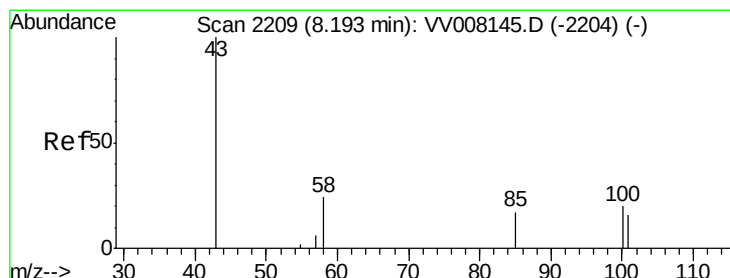
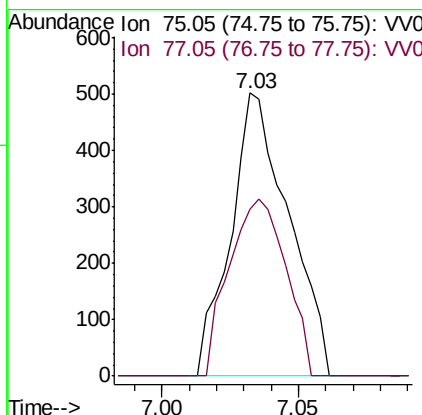
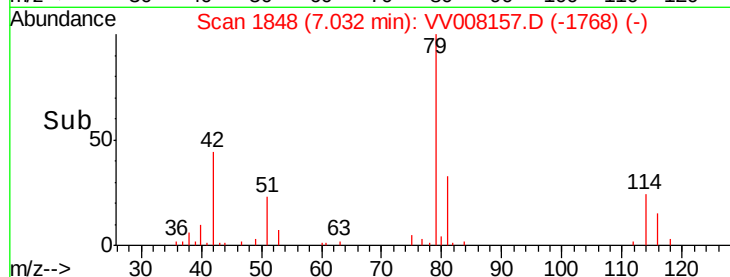
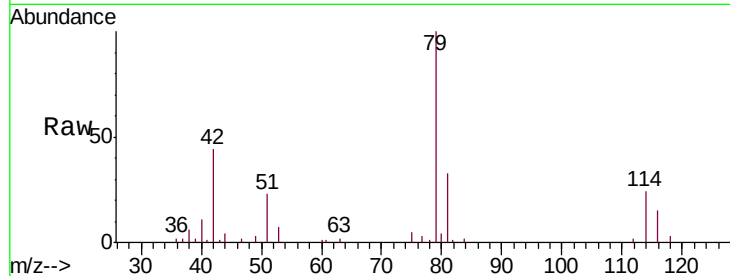




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008157.D
 Acq: 08 Oct 2018 17:29

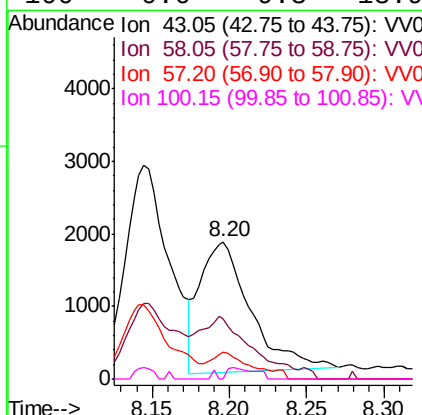
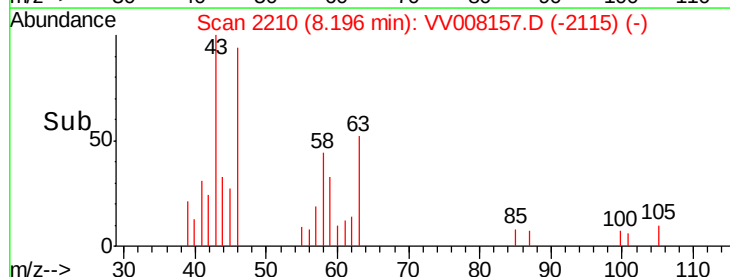
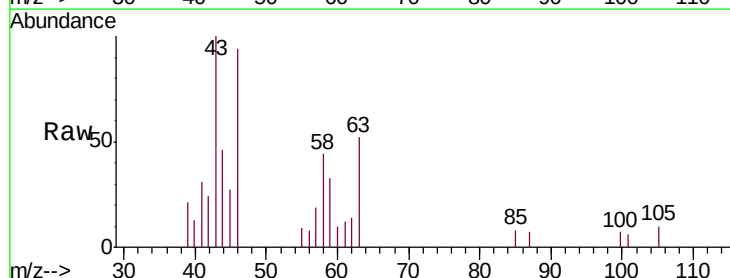
Instrument :
 MSVOA_V
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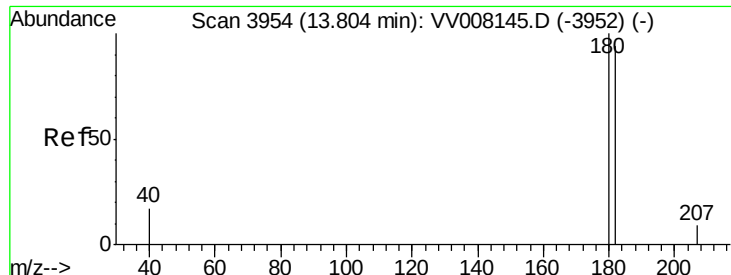
Tgt Ion: 75 Resp: 741
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.1 41.1#



#48
 2-Hexanone
 Concen: 1.856 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VV008157.D
 Acq: 08 Oct 2018 17:29

Tgt Ion: 43 Resp: 4100
 Ion Ratio Lower Upper
 43 100
 58 39.8 40.5 60.7#
 57 16.5 14.6 22.0
 100 0.6 9.3 13.9#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.064 ug/L
 RT: 13.81 min Scan# 3955
 Delta R.T. 0.01 min
 Lab File: VV008157.D
 Acq: 08 Oct 2018 17:29

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYK8

Tgt Ion:180 Resp: 451
 Ion Ratio Lower Upper
 180 100
 182 98.4 75.1 112.7
 145 9.3 23.2 34.8#

