

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007550.D
 Acq On : 15 Sep 2018 03:35
 Operator : SY/MD
 Sample : J4872-12
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KR0

Quant Time: Sep 15 03:59:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 02:08:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	105661	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88655	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23047	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	23973	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	39764	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	39806	51.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.42%
24) Chloroform-d	4.41	84	53522	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.09	65	27962	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	101234	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	31975	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.36	98	94760	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.67	79	10850	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.15	63	32640	73.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.40%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20375	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	36287	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

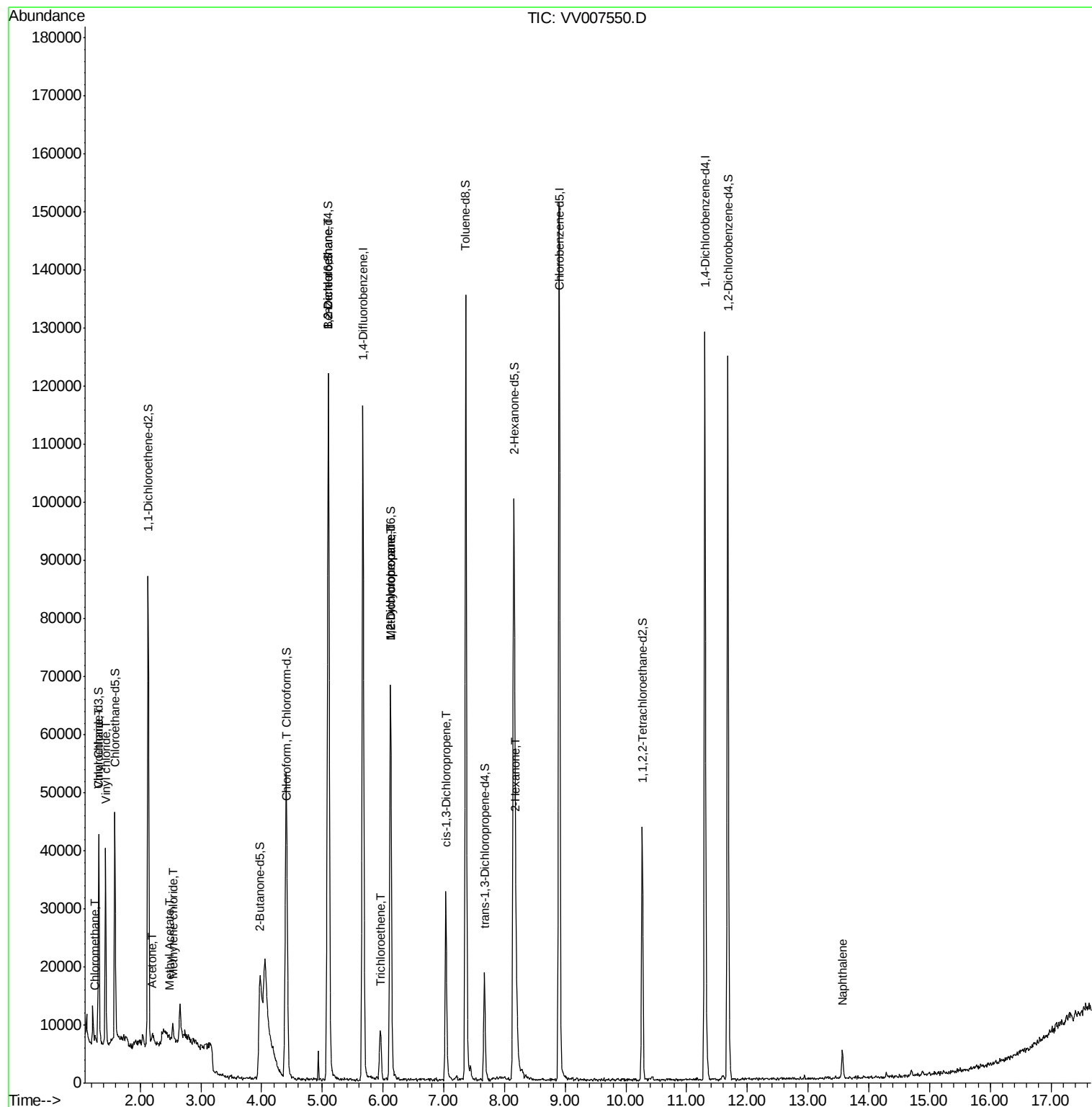
					Qvalue
3) Chloromethane	1.26	50	763	0.153 ug/L	91
5) Vinyl chloride	1.43	62	513	0.092 ug/L #	40
8) Chloroethane	1.32	64	405	0.120 ug/L #	1
13) Acetone	2.21	43	777	1.545 ug/L	91
15) Methyl Acetate	2.47	43	352	0.255 ug/L #	43
16) Methylene chloride	2.54	84	1352	0.233 ug/L	82
25) Chloroform	4.43	83	935	0.096 ug/L	95
27) 1,2-Dichloroethane	5.10	62	645	0.115 ug/L #	74
34) Trichloroethene	5.96	95	1413	0.252 ug/L	96
35) Methylcyclohexane	6.13	83	7834	0.903 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3698	0.820 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	875	0.122 ug/L #	70
48) 2-Hexanone	8.19	43	6024	3.186 ug/L #	73
69) Naphthalene	13.56	128	4625	0.704 ug/L #	93

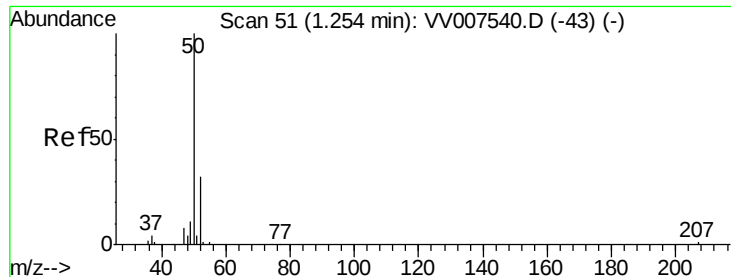
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV007550.D

Acq: 15 Sep 2018 03:35

Instrument :

MSVOA_V

ClientSampleId :

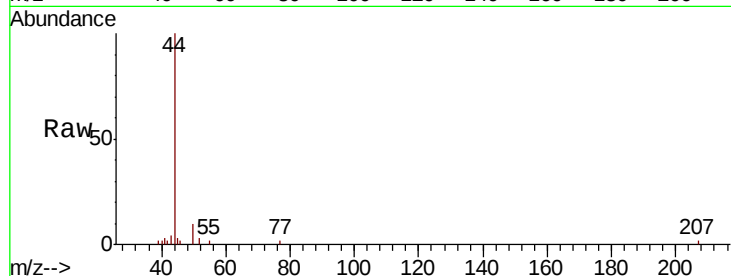
C0KR0

Tgt Ion: 50 Resp: 763

Ion Ratio Lower Upper

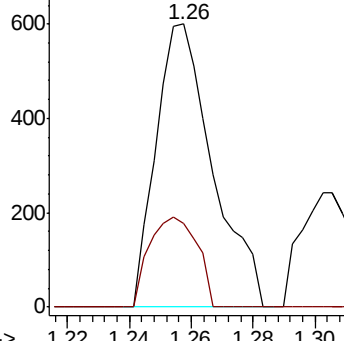
50 100

52 29.7 24.3 45.1

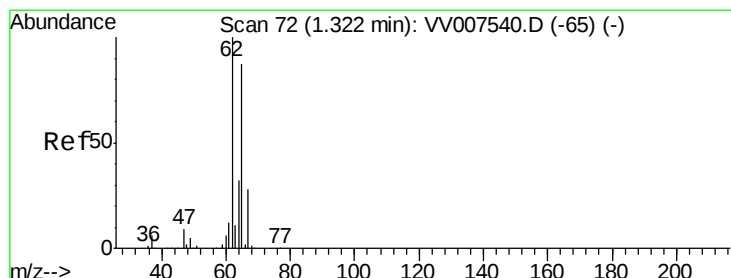
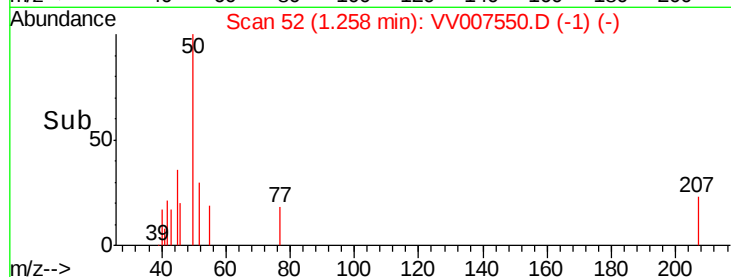


Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



Time-->



#5

Vinyl chloride

Concen: 0.092 ug/L

RT: 1.43 min Scan# 106

Delta R.T. 0.11 min

Lab File: VV007550.D

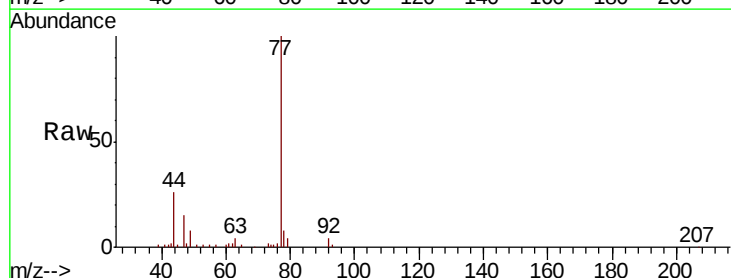
Acq: 15 Sep 2018 03:35

Tgt Ion: 62 Resp: 513

Ion Ratio Lower Upper

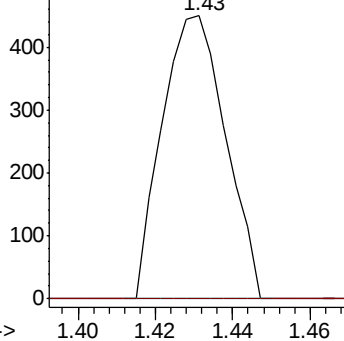
62 100

64 0.0 24.4 45.2#

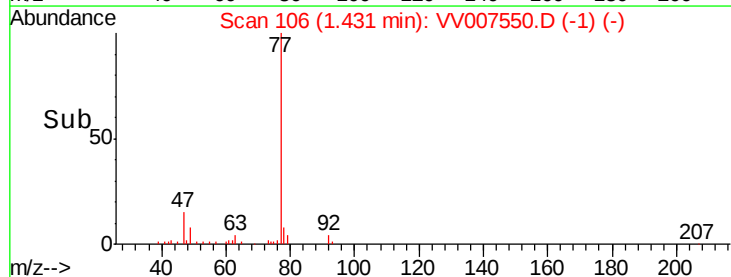


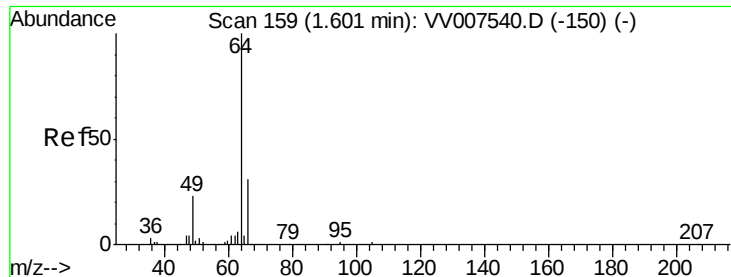
Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



Time-->





#8

Chloroethane

Concen: 0.120 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007550.D

Acq: 15 Sep 2018 03:35

Instrument :

MSVOA_V

ClientSampled :

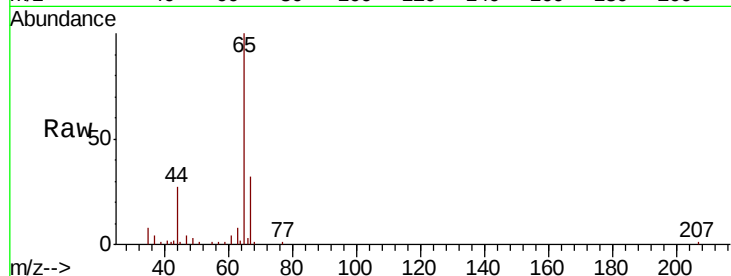
C0KR0

Tgt Ion: 64 Resp: 405

Ion Ratio Lower Upper

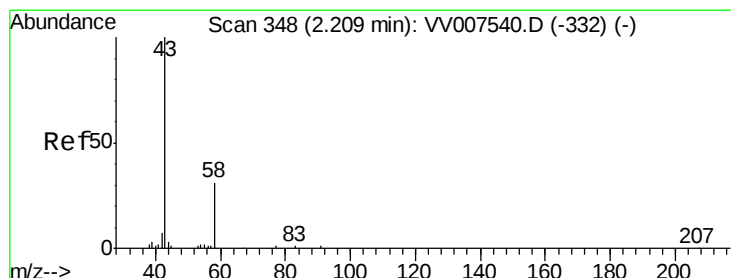
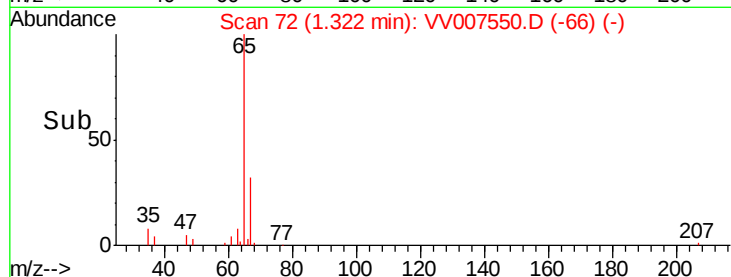
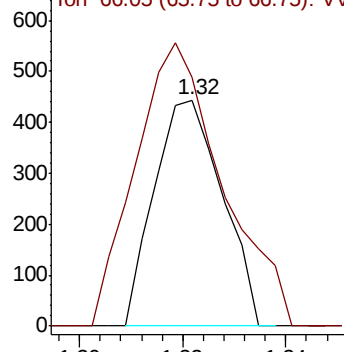
64 100

66 109.9 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 1.545 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV007550.D

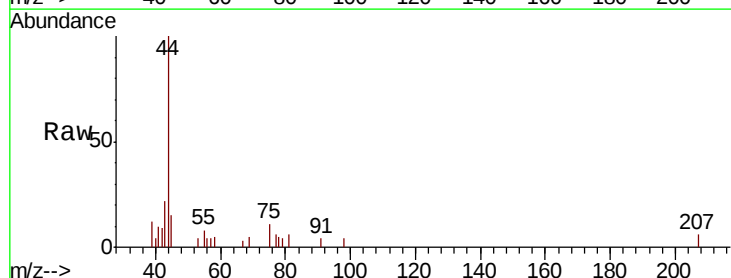
Acq: 15 Sep 2018 03:35

Tgt Ion: 43 Resp: 777

Ion Ratio Lower Upper

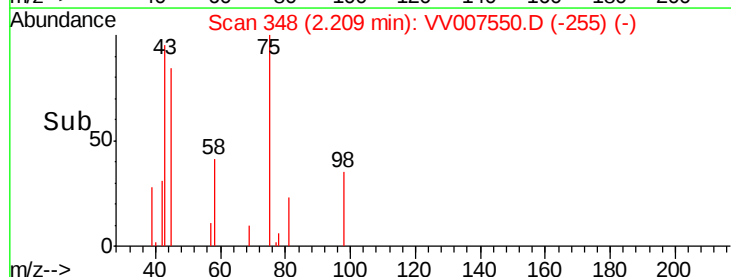
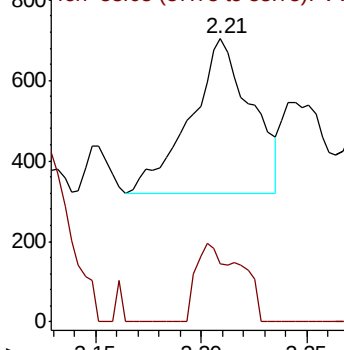
43 100

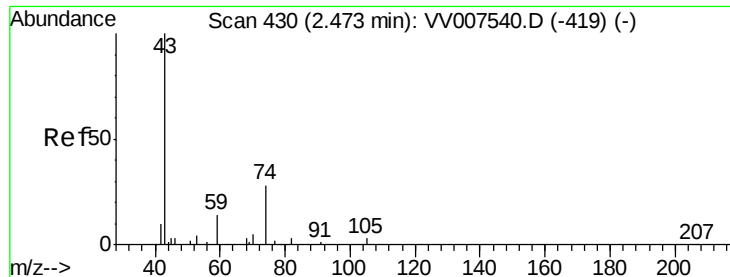
58 36.4 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

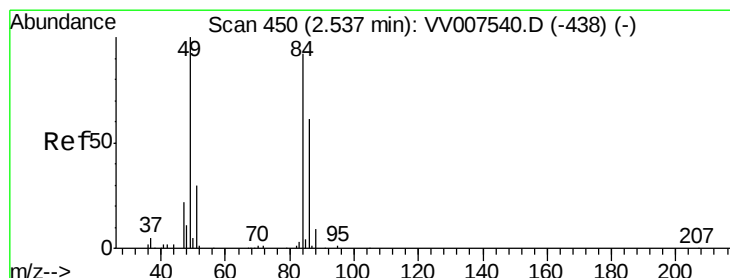
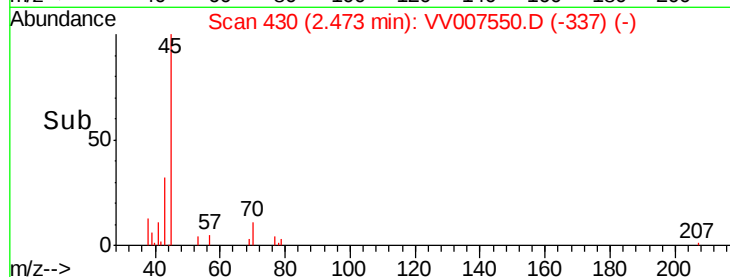
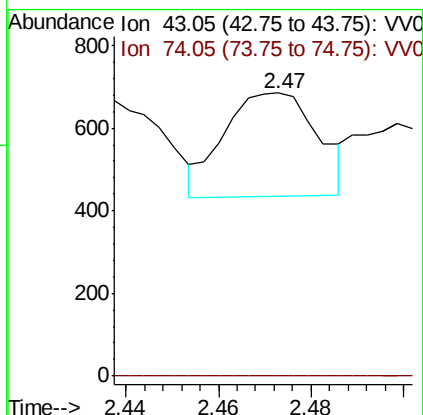
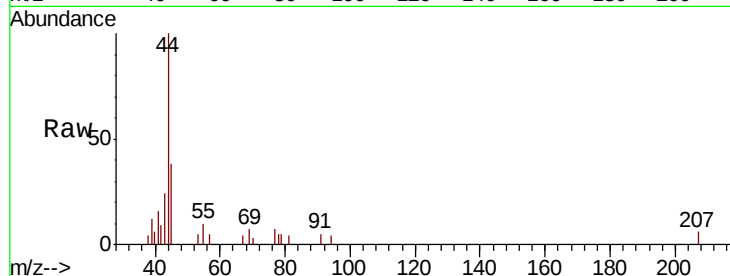




#15
Methyl Acetate
Concen: 0.255 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VV007550.D
Acq: 15 Sep 2018 03:35

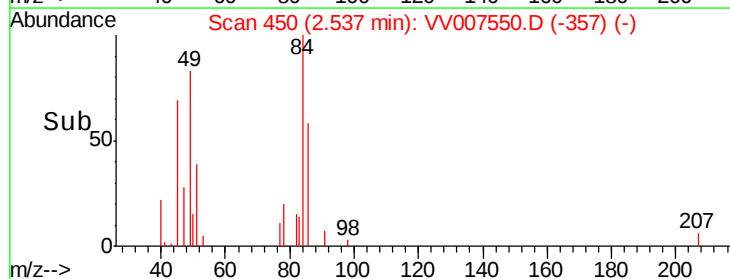
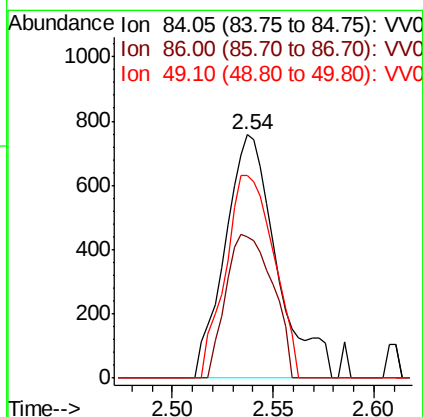
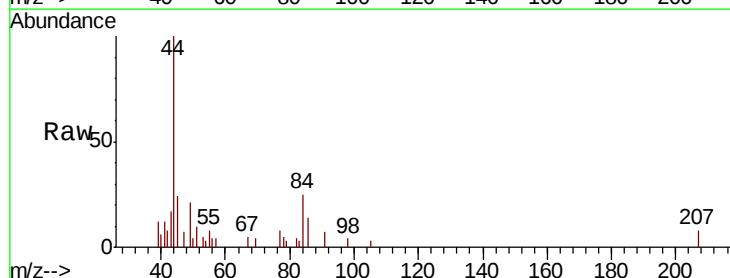
Instrument :
MSVOA_V
ClientSampleId :
C0KR0

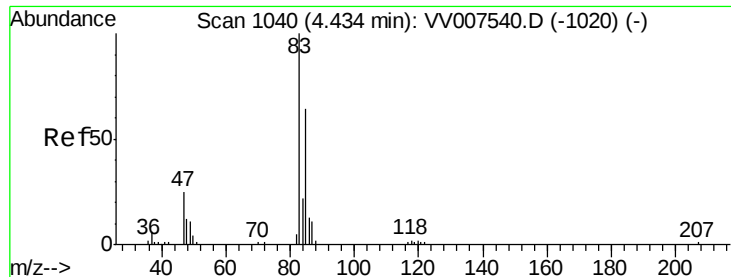
Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#16
Methylene chloride
Concen: 0.233 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007550.D
Acq: 15 Sep 2018 03:35

Tgt Ion: 84 Resp: 1352
Ion Ratio Lower Upper
84 100
86 58.0 43.7 81.1
49 83.4 76.8 142.6





#25

Chloroform

Concen: 0.096 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. -0.01 min

Lab File: VV007550.D

Acq: 15 Sep 2018 03:35

Instrument :

MSVOA_V

ClientSampleId :

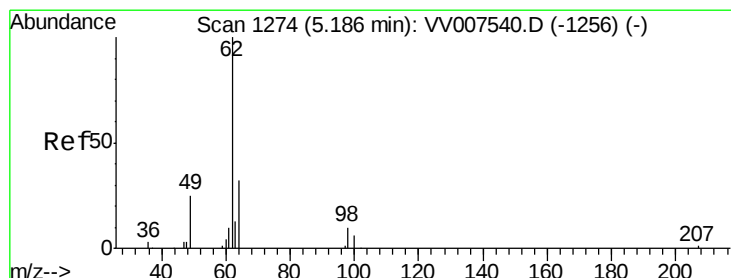
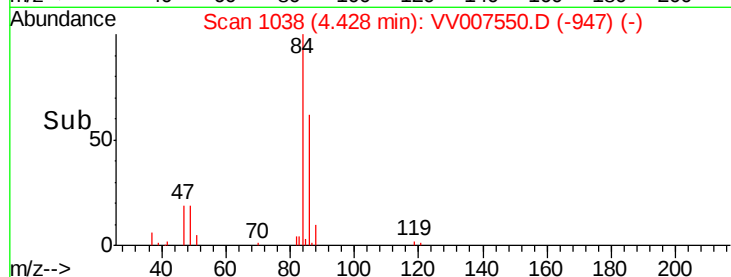
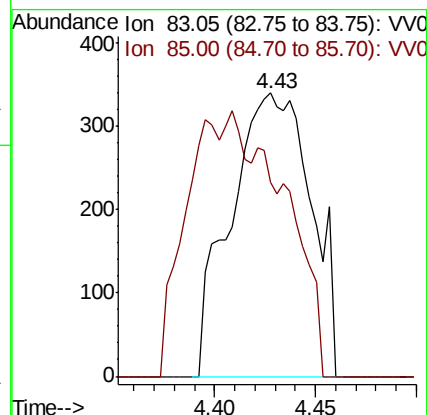
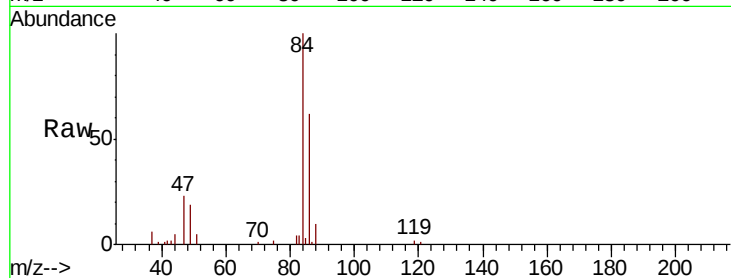
C0KR0

Tgt Ion: 83 Resp: 935

Ion Ratio Lower Upper

83 100

85 68.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.115 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.08 min

Lab File: VV007550.D

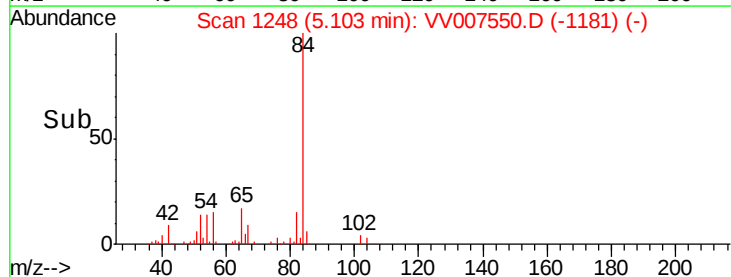
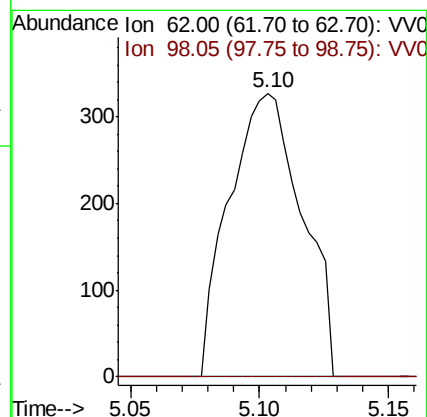
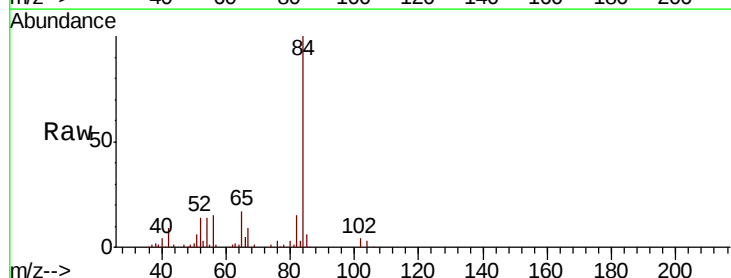
Acq: 15 Sep 2018 03:35

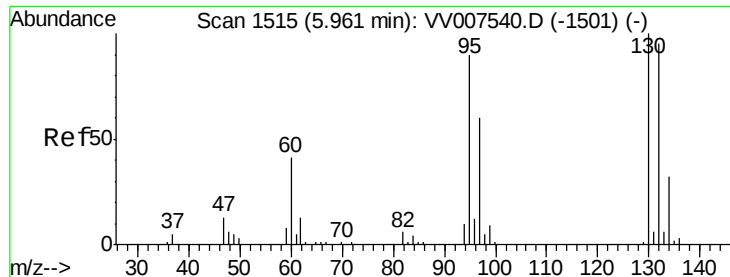
Tgt Ion: 62 Resp: 645

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#





#34

Trichloroethene

Concen: 0.252 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007550.D

Acq: 15 Sep 2018 03:35

Instrument :

MSVOA_V

ClientSampleId :

C0KR0

Tgt Ion: 95 Resp: 1413

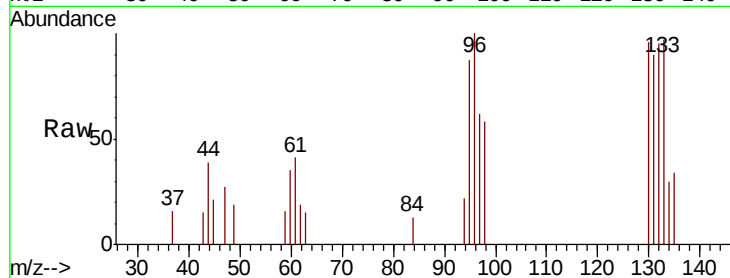
Ion Ratio Lower Upper

95 100

97 71.3 45.5 84.5

132 109.7 74.9 139.1

130 111.1 80.0 148.6

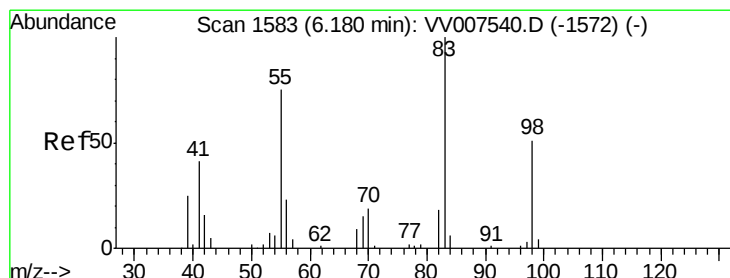
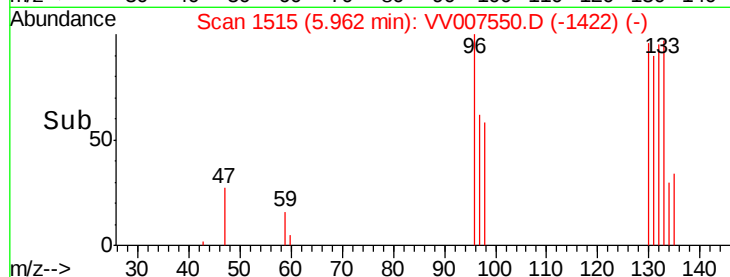
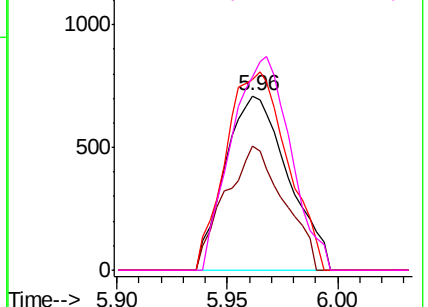


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.903 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007550.D

Acq: 15 Sep 2018 03:35

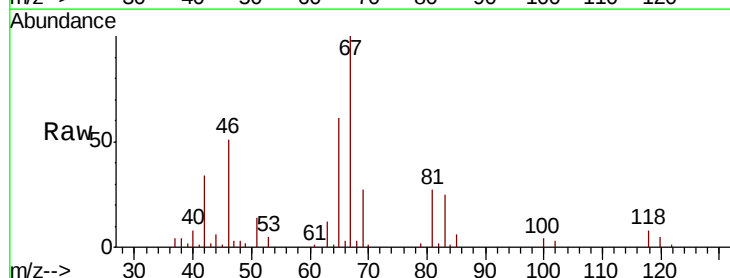
Tgt Ion: 83 Resp: 7834

Ion Ratio Lower Upper

83 100

55 0.5 55.0 82.4#

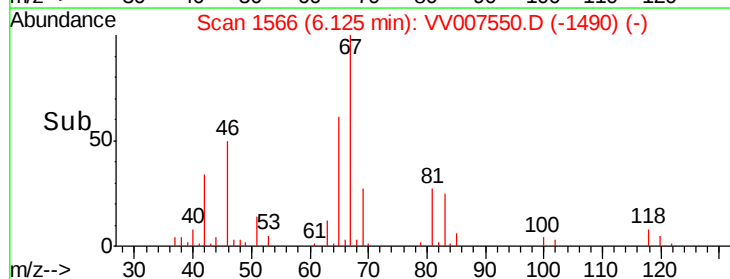
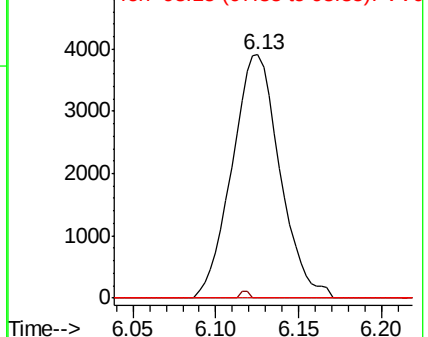
98 0.0 37.6 56.4#

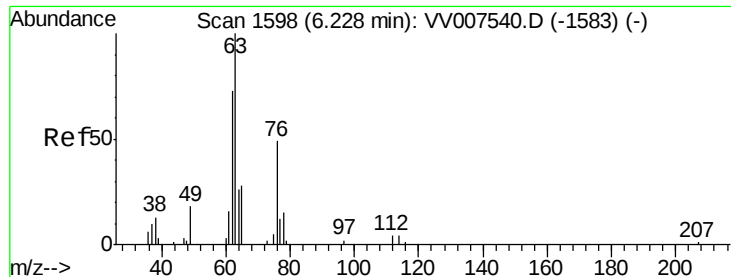


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.820 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007550.D

Acq: 15 Sep 2018 03:35

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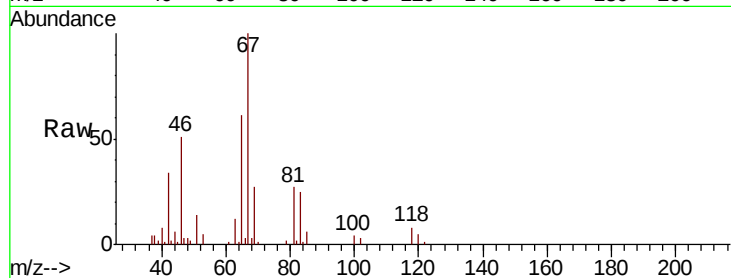
C0KR0

Tgt Ion: 63 Resp: 3698

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV007540.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV007540.D (-1583) (-)

6.13

2000

1500

1000

500

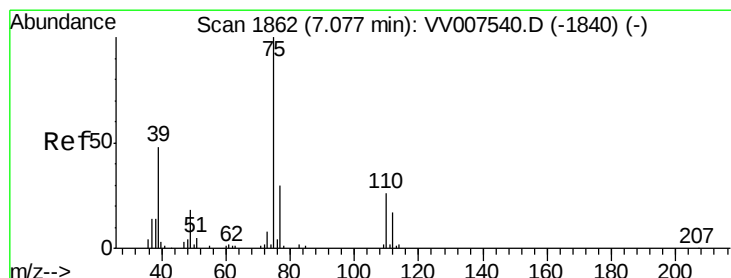
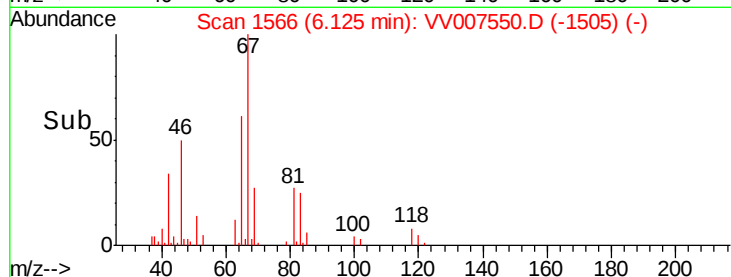
0

6.05

6.10

6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007550.D

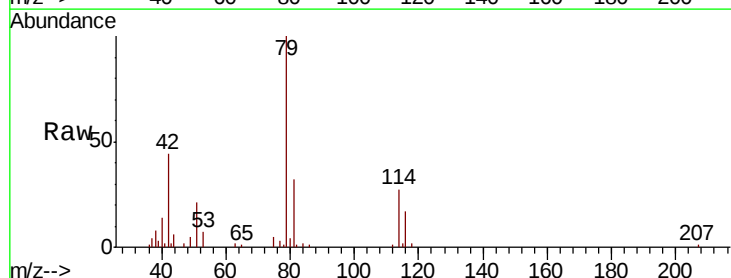
Acq: 15 Sep 2018 03:35

Tgt Ion: 75 Resp: 875

Ion Ratio Lower Upper

75 100

77 48.4 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV007540.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV007540.D (-1840) (-)

7.03

600

500

400

300

200

100

0

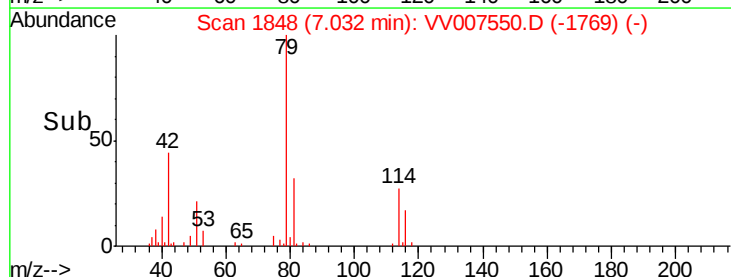
7.00

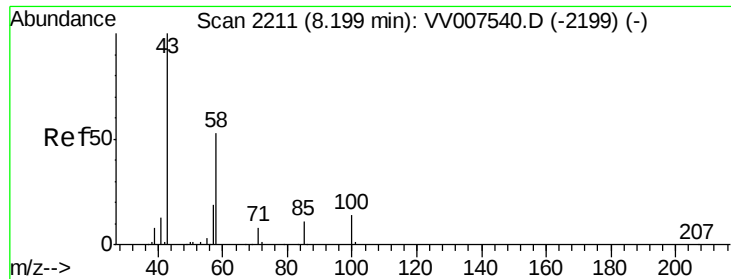
7.02

7.04

7.06

Time-->

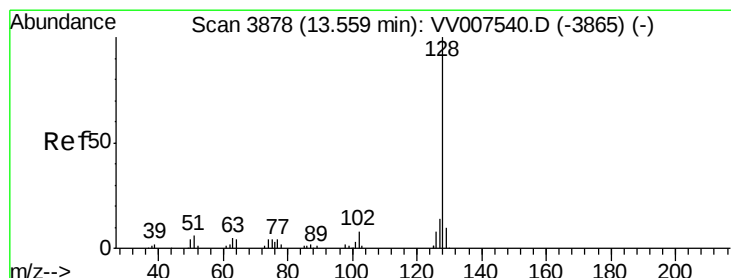
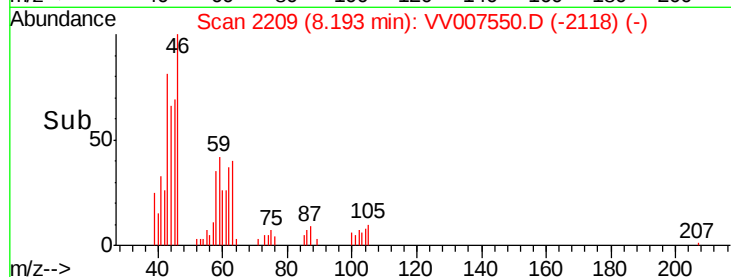
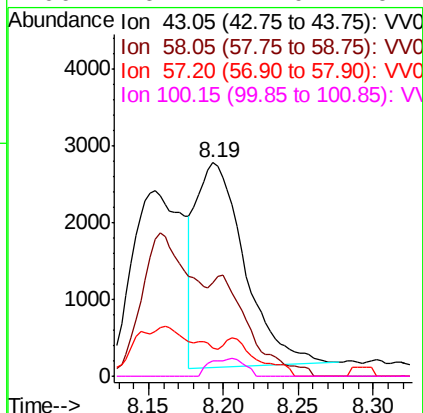
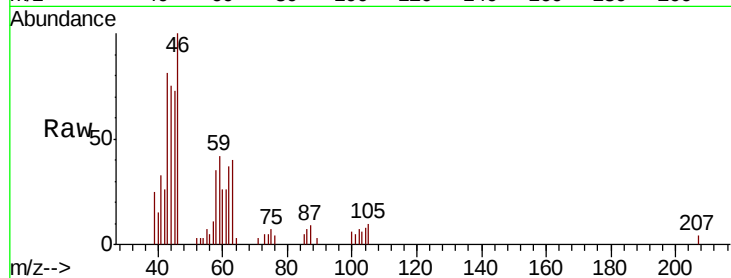




#48
2-Hexanone
Concen: 3.186 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VV007550.D
Acq: 15 Sep 2018 03:35

Instrument :
MSVOA_V
ClientSampleId :
C0KR0

Tgt Ion: 43 Resp: 6024
Ion Ratio Lower Upper
43 100
58 37.7 49.8 74.6#
57 13.5 18.2 27.4#
100 6.2 11.0 16.4#



#69
Naphthalene
Concen: 0.704 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.00 min
Lab File: VV007550.D
Acq: 15 Sep 2018 03:35

Tgt Ion: 128 Resp: 4625
Ion Ratio Lower Upper
128 100
129 7.0 8.5 12.7#
127 11.5 10.5 15.7

