

Data File : VV008240.D
Acq On : 10 Oct 2018 18:26
Operator : SY/MD
Sample : J5315-06 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J97

Quant Time: Oct 11 02:02:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	75745	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	74471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17704	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	15774	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.13	63	25529	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	3.98	46	66813	59.73	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.46%
24) Chloroform-d	4.41	84	44020	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	22956	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	79674	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	27176	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	65313	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	7.67	79	8501	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	43866	52.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19154	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	28458	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

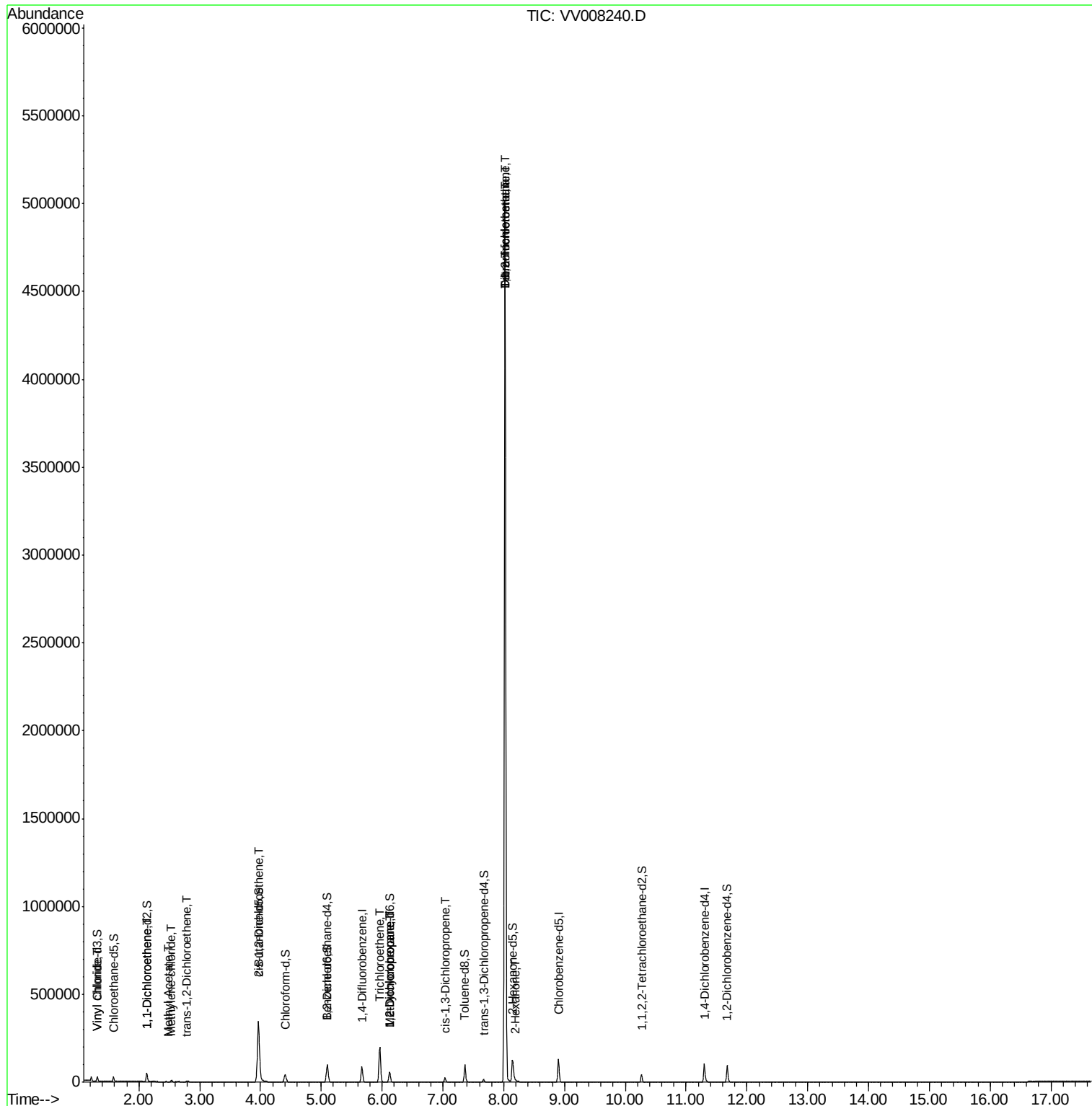
						Qvalue
5) Vinyl chloride	1.32	62	374	0.078	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	604	0.147	ug/L #	1
15) Methyl Acetate	2.49	43	440	0.245	ug/L #	53
16) Methylene chloride	2.54	84	2498	0.502	ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	1087	0.243	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	183189	36.264	ug/L	100
34) Trichloroethene	5.96	95	67460	12.302	ug/L	99
35) Methylcyclohexane	6.12	83	6370	0.832	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	2972	0.586	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	565	0.087	ug/L #	71
45) 1,1,2-Trichloroethane	8.02	97	8257	2.322	ug/L #	1
47) Tetrachloroethene	8.02	164	1174109	239.729	ug/L	97
48) 2-Hexanone	8.20	43	5277	2.705	ug/L #	92
49) Dibromochloromethane	8.02	129	993492	223.922	ug/L #	10

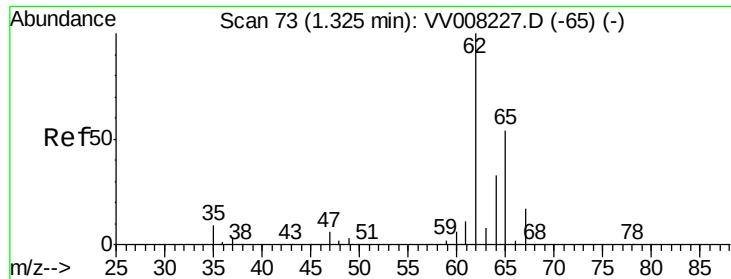
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.078 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008240.D

Acq: 10 Oct 2018 18:26

Instrument :

MSVOA_V

ClientSampleId :

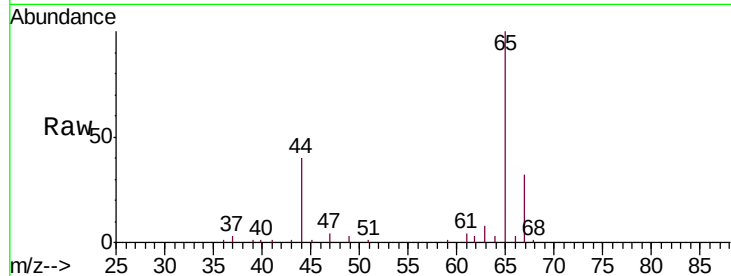
C0J97

Tgt Ion: 62 Resp: 374

Ion Ratio Lower Upper

62 100

64 96.6 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

400

300

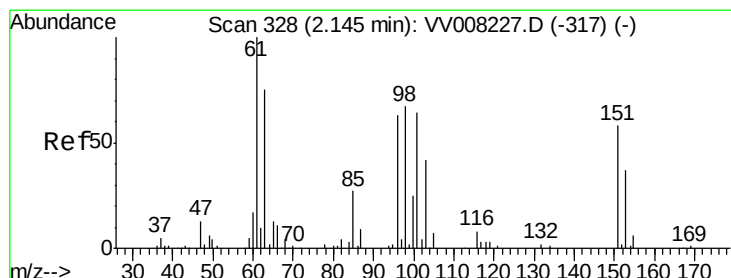
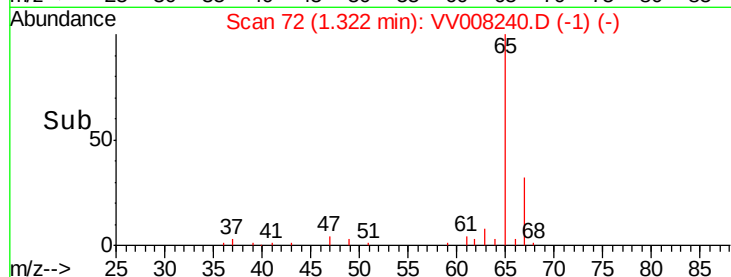
200

100

0

1.30 1.32 1.34

Time-->



#12

1,1-Dichloroethene

Concen: 0.147 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008240.D

Acq: 10 Oct 2018 18:26

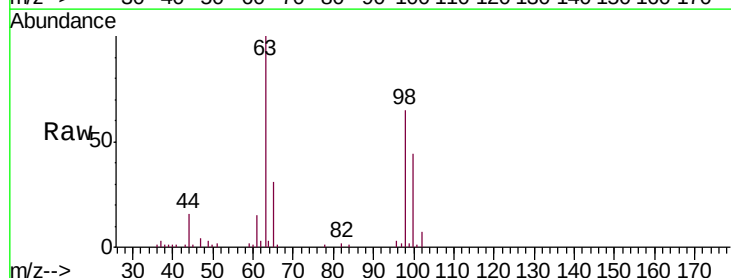
Tgt Ion: 96 Resp: 604

Ion Ratio Lower Upper

96 100

61 486.7 114.7 213.1#

63 3353.8 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

25000

20000

15000

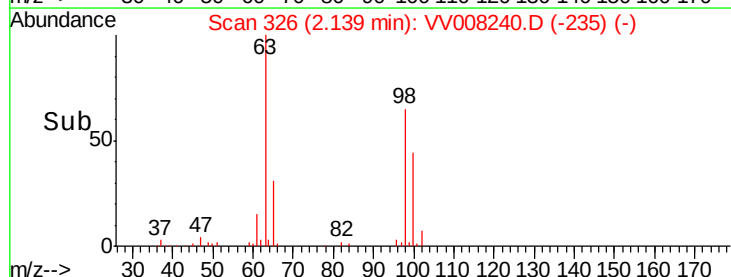
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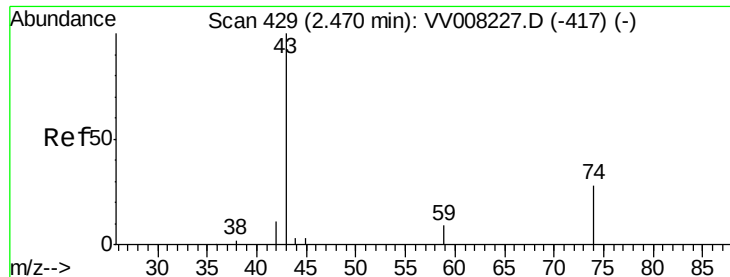
5000

0

2.10 2.12 2.14 2.16 2.18

Time-->

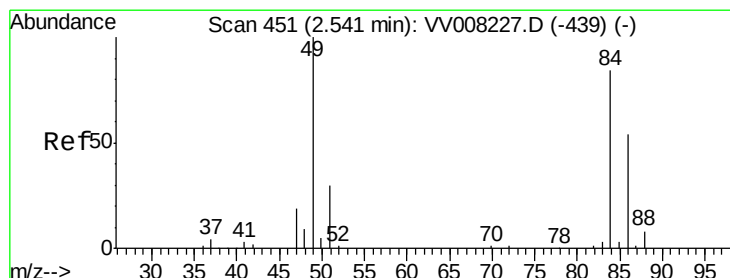
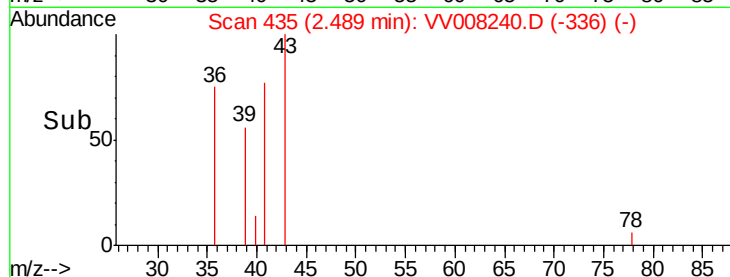
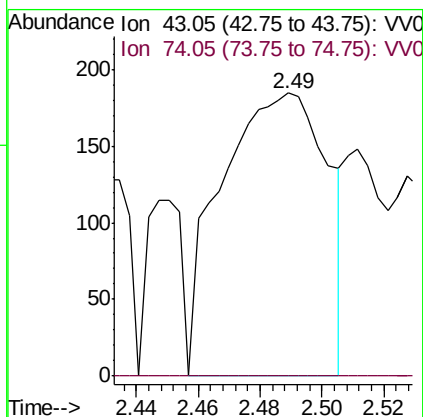
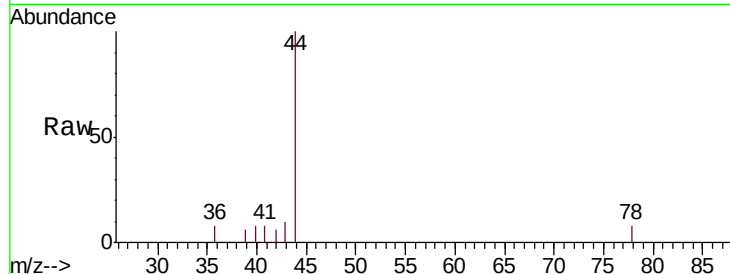




#15
Methyl Acetate
Concen: 0.245 ug/L
RT: 2.49 min Scan# 435
Delta R.T. 0.02 min
Lab File: VV008240.D
Acq: 10 Oct 2018 18:26

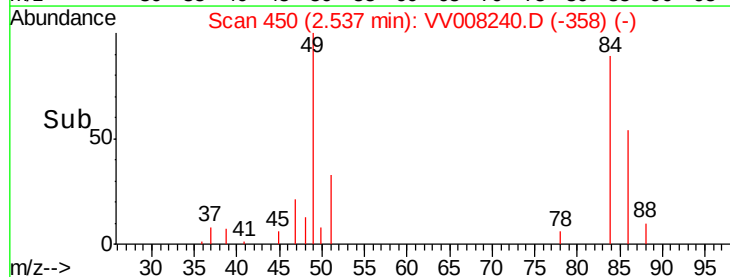
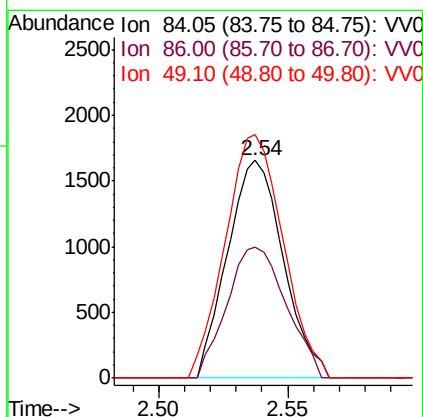
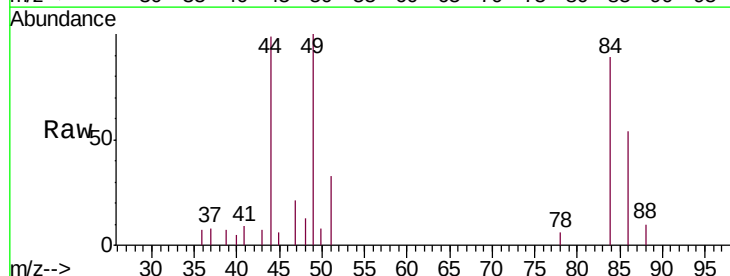
Instrument :
MSVOA_V
ClientSampleId :
C0J97

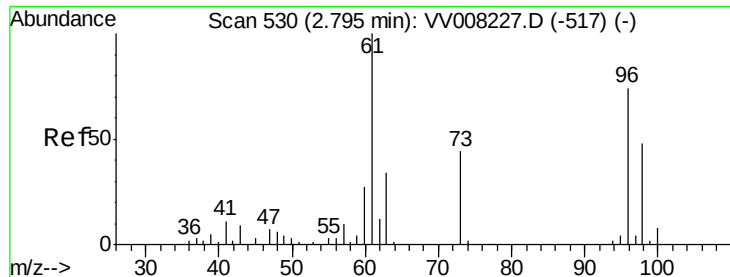
Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#16
Methylene chloride
Concen: 0.502 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008240.D
Acq: 10 Oct 2018 18:26

Tgt Ion: 84 Resp: 2498
Ion Ratio Lower Upper
84 100
86 60.3 45.3 84.1
49 112.0 83.0 154.1

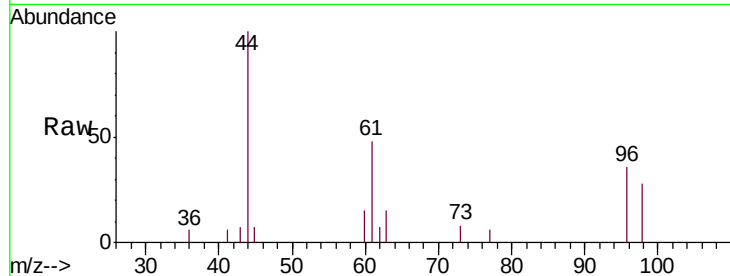




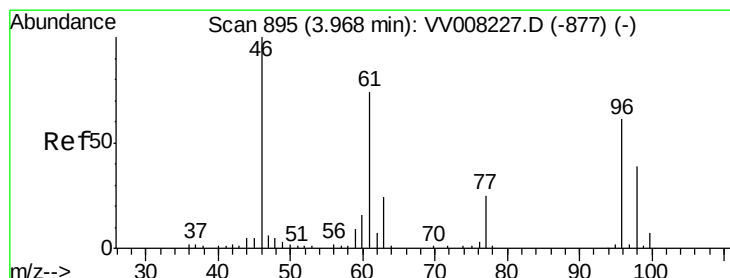
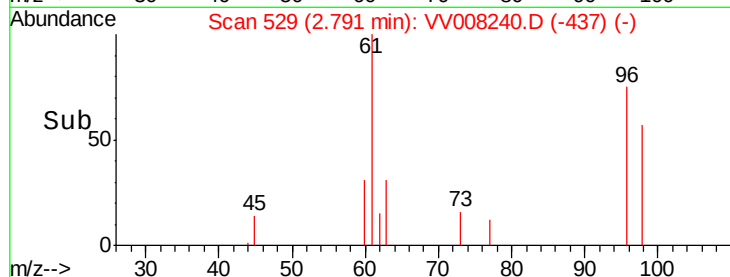
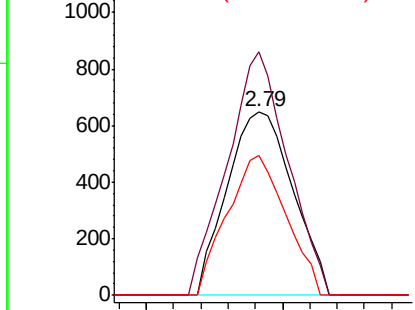
#18
 trans-1,2-Dichloroethene
 Concen: 0.243 ug/L
 RT: 2.79 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VV008240.D
 Acq: 10 Oct 2018 18:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J97

Tgt Ion: 96 Resp: 1087
 Ion Ratio Lower Upper
 96 100
 61 132.5 91.6 170.2
 98 76.2 44.4 82.5

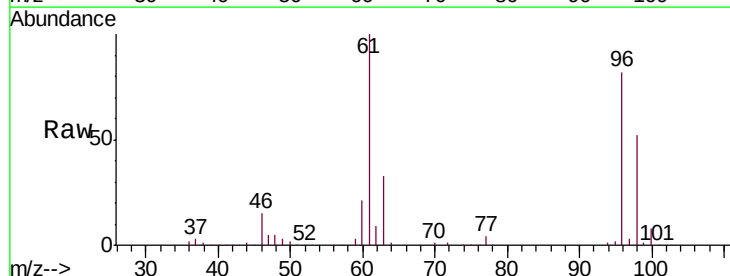


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 97.95 (97.65 to 98.65): VV0

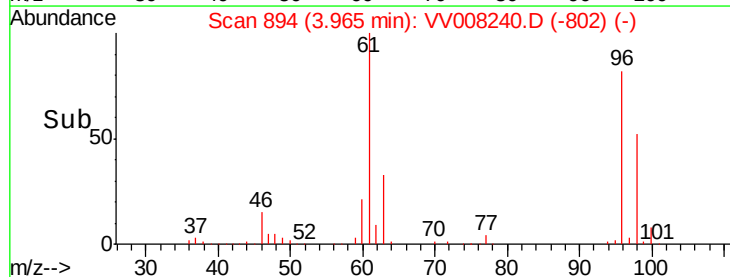
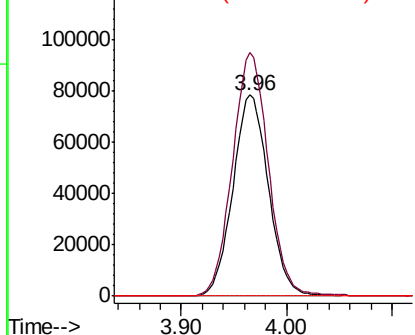


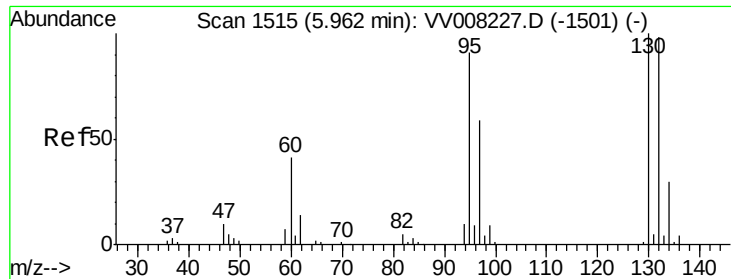
#22
 cis-1,2-Dichloroethene
 Concen: 36.264 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008240.D
 Acq: 10 Oct 2018 18:26

Tgt Ion: 96 Resp: 183189
 Ion Ratio Lower Upper
 96 100
 61 121.2 85.1 158.1
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

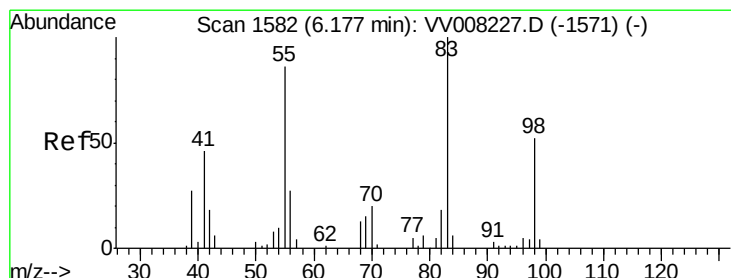
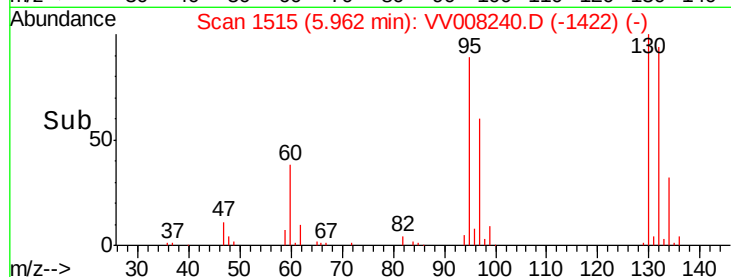
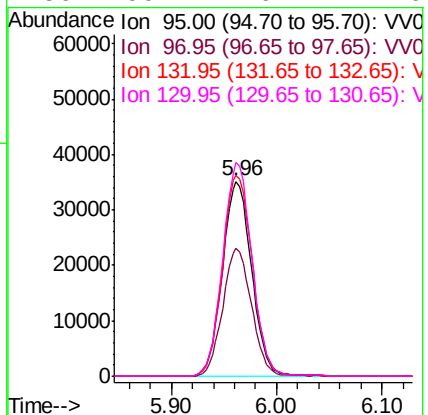
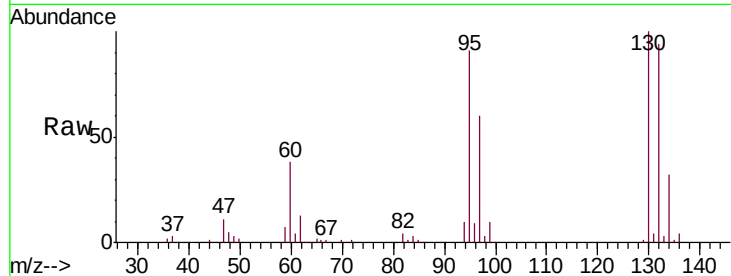




#34
 Trichloroethene
 Concen: 12.302 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008240.D
 Acq: 10 Oct 2018 18:26

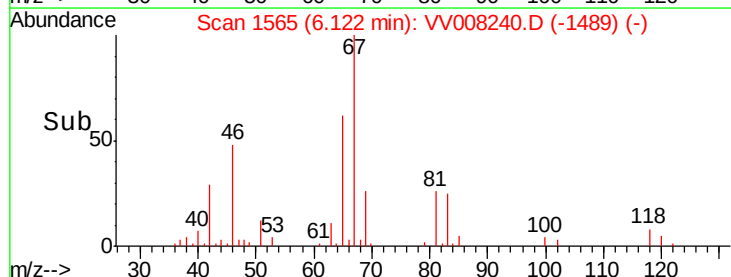
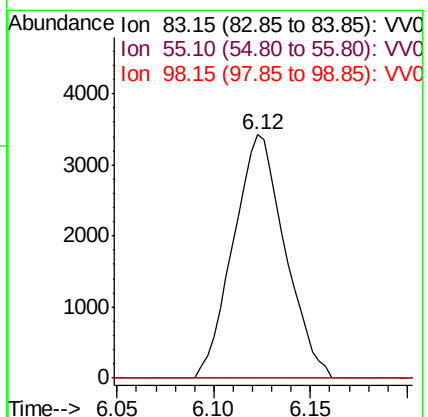
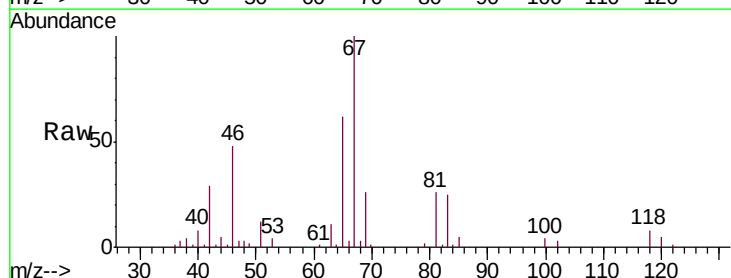
Instrument :
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 ClientSampleId :
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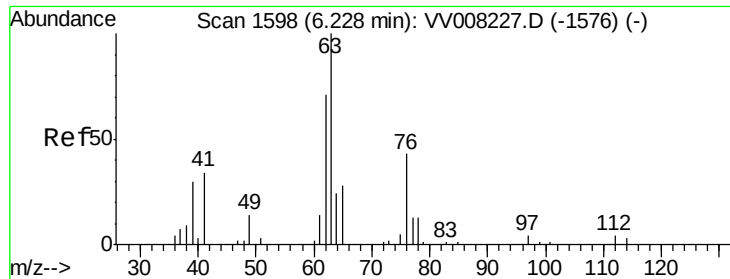
Tgt Ion: 95 Resp: 67460
 Ion Ratio Lower Upper
 95 100
 97 65.8 44.9 83.5
 132 103.5 73.6 136.6
 130 109.7 76.2 141.6



#35
 Methylcyclohexane
 Concen: 0.832 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008240.D
 Acq: 10 Oct 2018 18:26

Tgt Ion: 83 Resp: 6370
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.6 95.4#
 98 1.6 38.3 57.5#

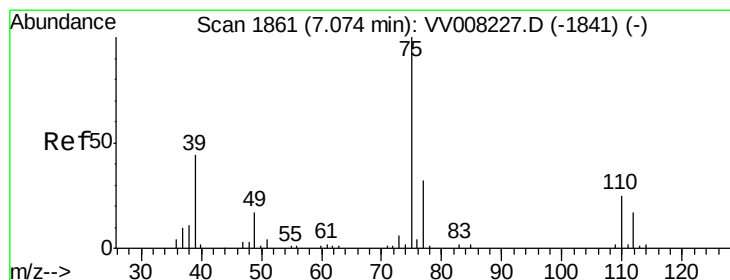
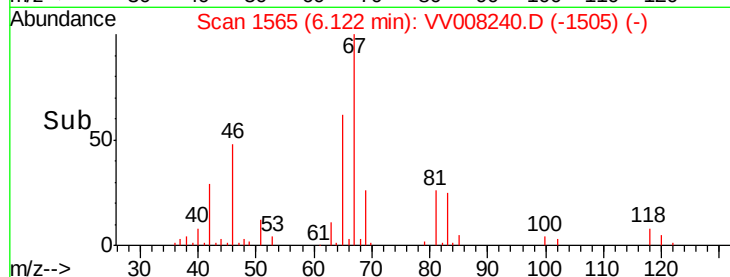
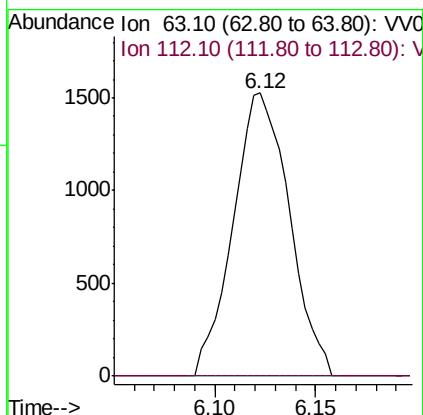
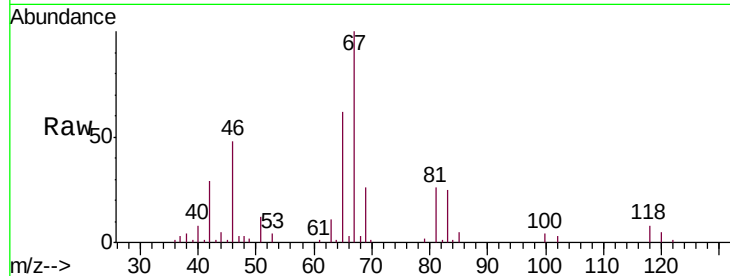




#37
 1,2-Dichloropropane
 Concen: 0.586 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.11 min
 Lab File: VV008240.D
 Acq: 10 Oct 2018 18:26

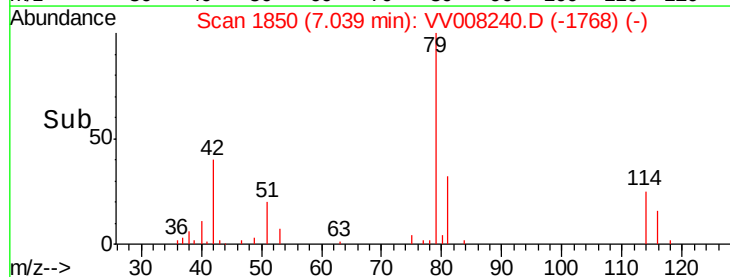
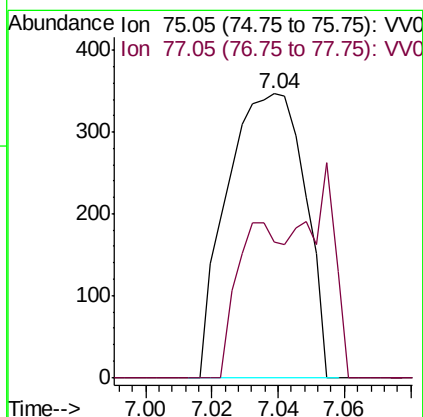
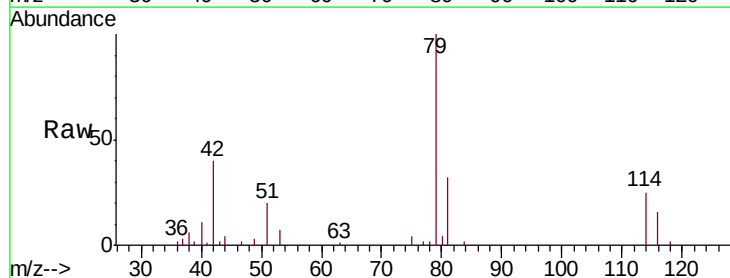
Instrument :
 MSVOA_V
 ClientSampled :
 C0J97

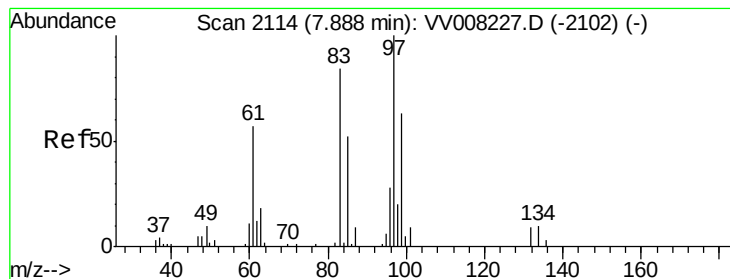
Tgt Ion: 63 Resp: 2972
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV008240.D
 Acq: 10 Oct 2018 18:26

Tgt Ion: 75 Resp: 565
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.1 41.1#





#45

1,1,2-Trichloroethane

Concen: 2.322 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.14 min

Lab File: VV008240.D

Acq: 10 Oct 2018 18:26

Instrument :

MSVOA_V

ClientSampleId :

C0J97

Tgt Ion: 97 Resp: 8257

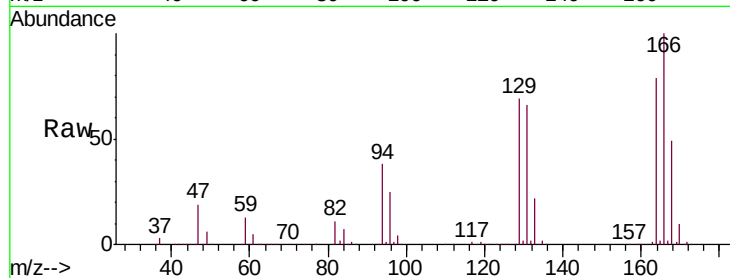
Ion Ratio Lower Upper

97 100

99 14.5 42.6 79.0#

83 278.6 57.5 106.7#

85 41.7 36.5 67.7

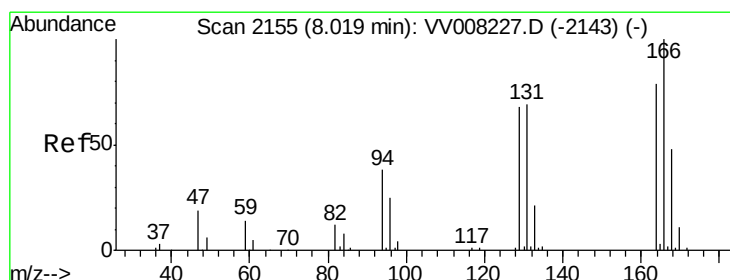
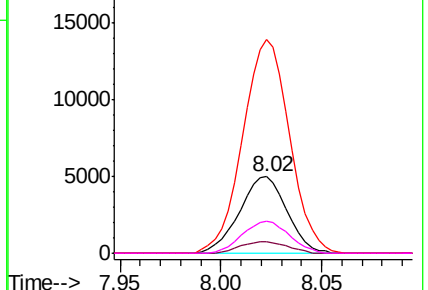
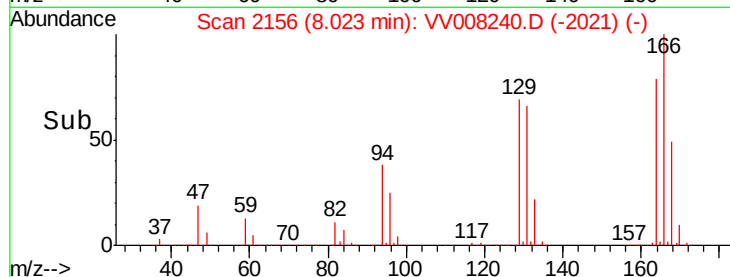


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 239.729 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008240.D

Acq: 10 Oct 2018 18:26

Tgt Ion: 164 Resp: 1174109

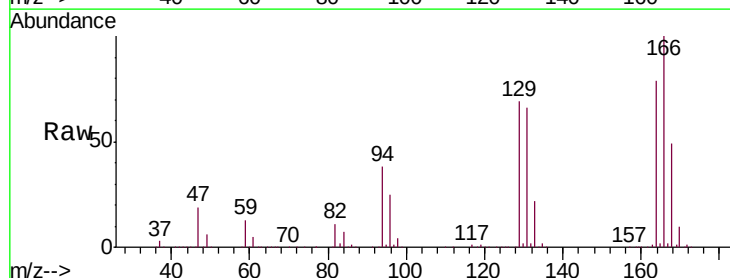
Ion Ratio Lower Upper

164 100

129 87.7 62.2 115.4

131 83.9 60.5 112.5

166 127.2 92.1 171.1

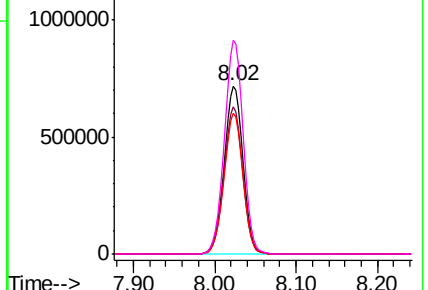
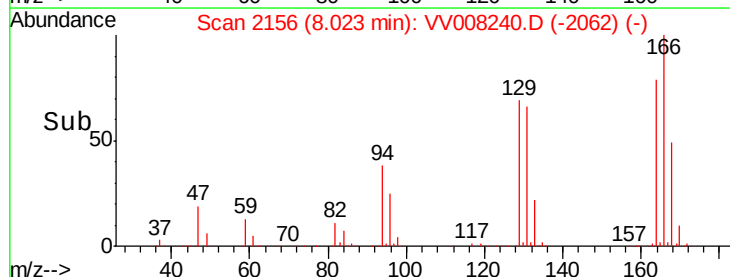


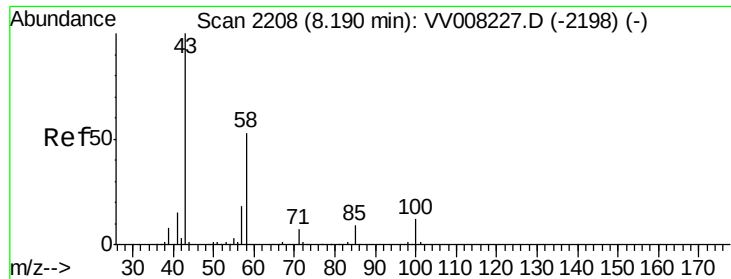
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

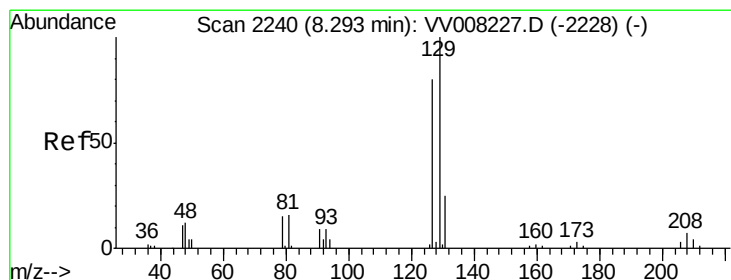
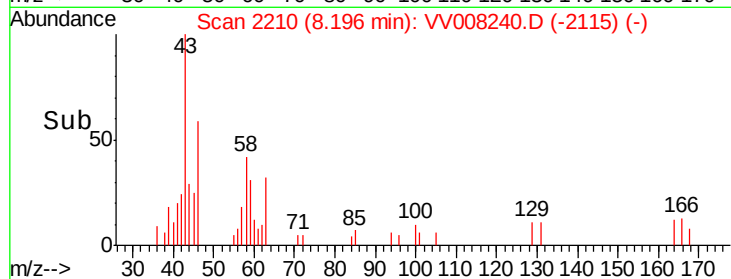
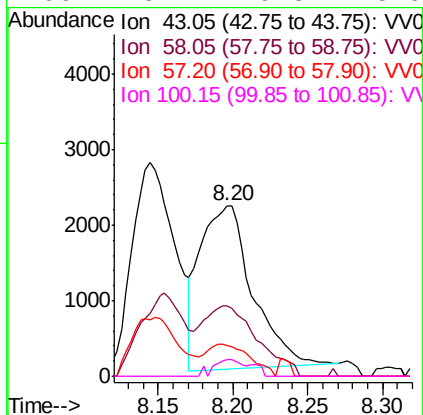
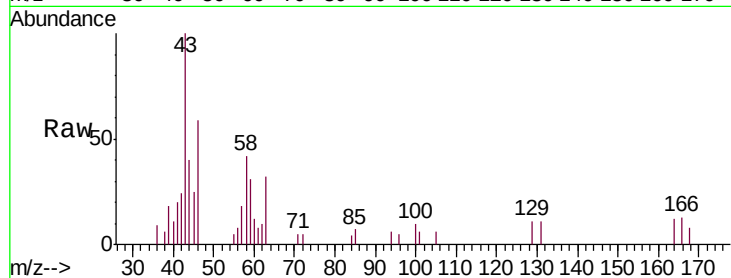




#48
 2-Hexanone
 Concen: 2.705 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VV008240.D
 Acq: 10 Oct 2018 18:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J97

Tgt Ion: 43 Resp: 5277
 Ion Ratio Lower Upper
 43 100
 58 44.9 40.5 60.7
 57 16.3 14.6 22.0
 100 5.7 9.3 13.9#



#49
 Dibromochloromethane
 Concen: 223.922 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.27 min
 Lab File: VV008240.D
 Acq: 10 Oct 2018 18:26

Tgt Ion: 129 Resp: 993492
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.3#

