

Data File : VV008482.D
Acq On : 30 Oct 2018 20:53
Operator : SY/MD
Sample : J5716-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBR4

Quant Time: Oct 31 07:19:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180770	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50015	49.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.94%
7) Chloroethane-d5	1.56	69	37862	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.78%
11) 1,1-Dichloroethene-d2	2.13	63	68579	37.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.88%
21) 2-Butanone-d5	3.94	46	102130	93.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.89%
24) Chloroform-d	4.41	84	120422	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	5.09	65	83493	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.10	84	246749	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.16%
36) 1,2-Dichloropropane-d6	6.12	67	83901	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.98%
41) Toluene-d8	7.36	98	224624	53.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.42%
43) trans-1,3-Dichloropropene-	7.67	79	38762	49.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.88%
47) 2-Hexanone-d5	8.14	63	79885	94.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	110505	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	74884	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

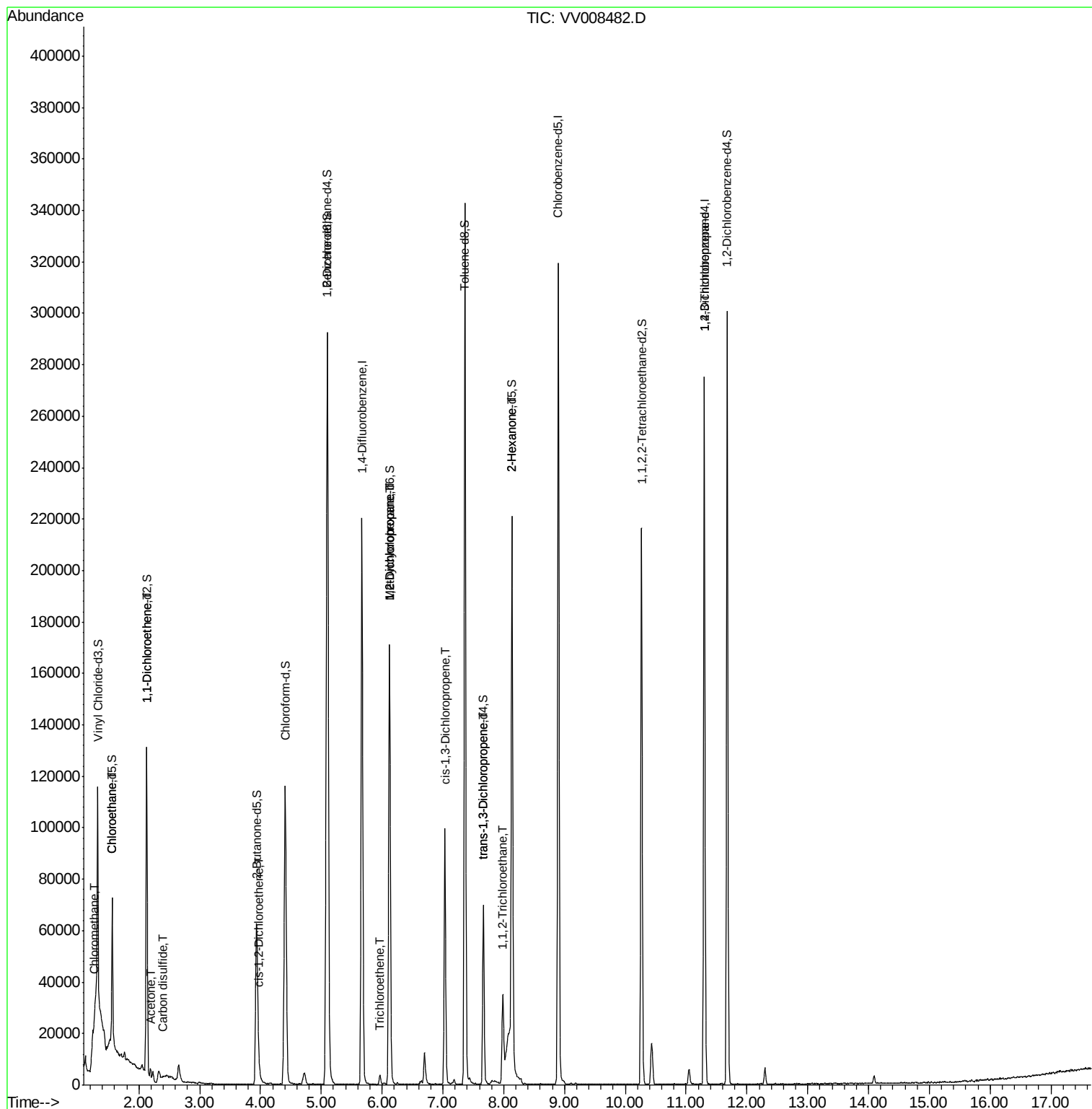
					Qvalue
3) Chloromethane	1.25	50	1030	0.745 ug/L #	42
8) Chloroethane	1.55	64	3423	5.085 ug/L #	57
12) 1,1-Dichloroethene	2.13	96	667	0.822 ug/L #	1
13) Acetone	2.19	43	2303	2.728 ug/L	98
14) Carbon disulfide	2.39	76	2612	0.715 ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	1045	0.742 ug/L	68
34) Trichloroethene	5.96	95	1359	0.995 ug/L	96
35) Methylcyclohexane	6.12	83	19184	8.265 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8961	6.084 ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	2314	0.999 ug/L #	59
44) trans-1,3-Dichloropropene	7.67	75	1667	0.770 ug/L	89
45) 1,1,2-Trichloroethane	7.98	97	634	0.487 ug/L #	14
48) 2-Hexanone	8.14	43	9158	5.442 ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	9199	4.984 ug/L	89

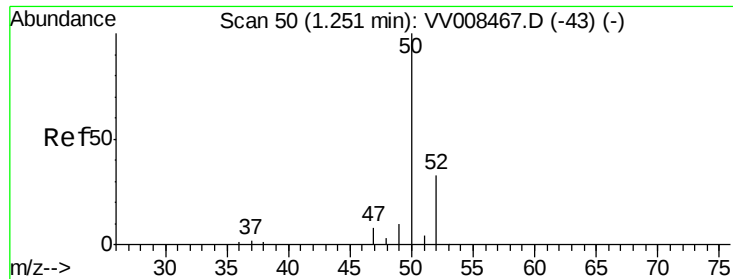
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008482.D
Acq On : 30 Oct 2018 20:53
Operator : SY/MD
Sample : J5716-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBR4

Quant Time: Oct 31 07:19:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.745 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008482.D

Acq: 30 Oct 2018 20:53

Instrument :

MSVOA_V

ClientSampleId :

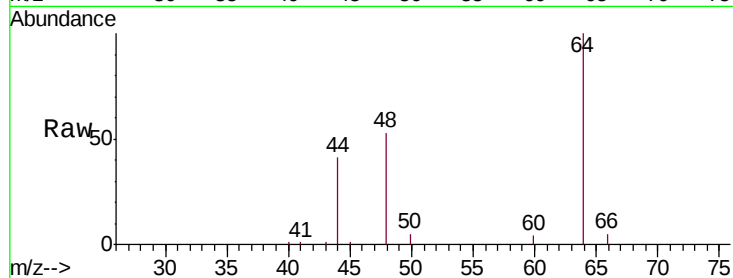
ETBR4

Tgt Ion: 50 Resp: 1030

Ion Ratio Lower Upper

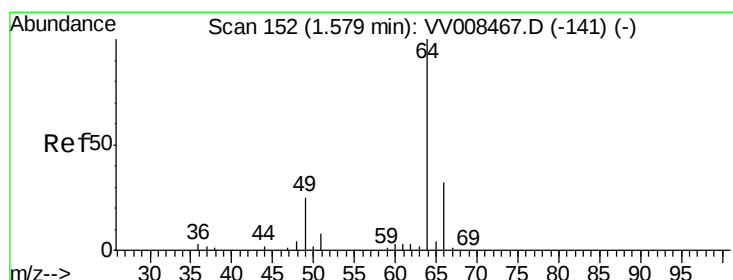
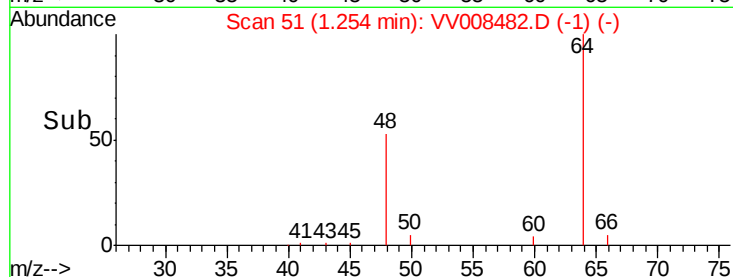
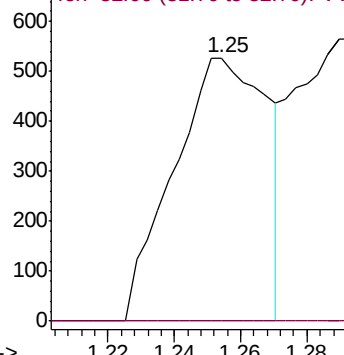
50 100

52 0.0 23.1 42.9#



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#8

Chloroethane

Concen: 5.085 ug/L

RT: 1.55 min Scan# 144

Delta R.T. -0.03 min

Lab File: VV008482.D

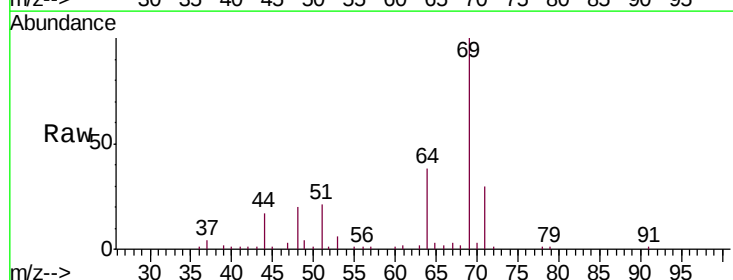
Acq: 30 Oct 2018 20:53

Tgt Ion: 64 Resp: 3423

Ion Ratio Lower Upper

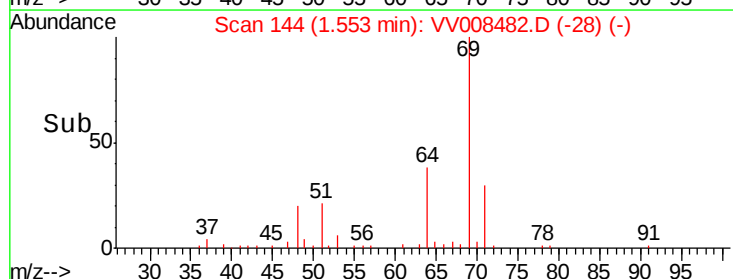
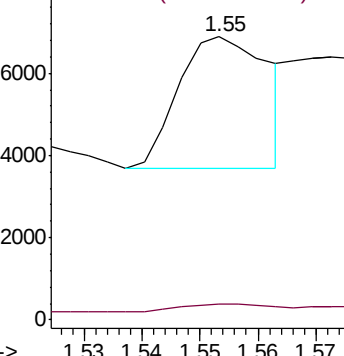
64 100

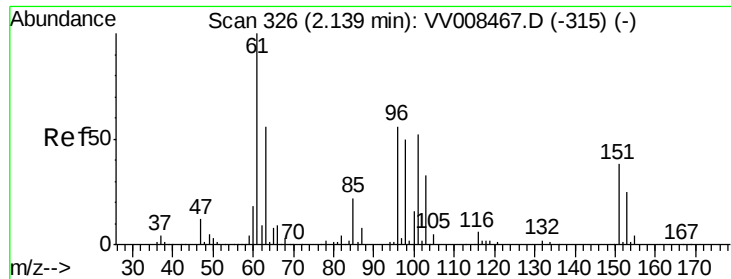
66 5.5 19.9 36.9#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#12

1,1-Dichloroethene

Concen: 0.822 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008482.D

Acq: 30 Oct 2018 20:53

Instrument :

MSVOA_V

ClientSampled :

ETBR4

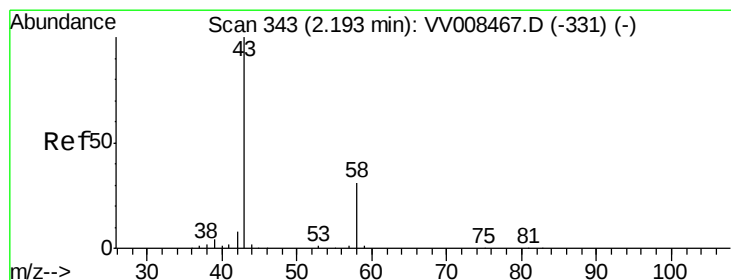
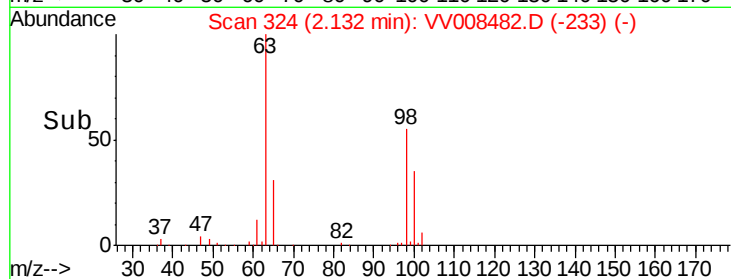
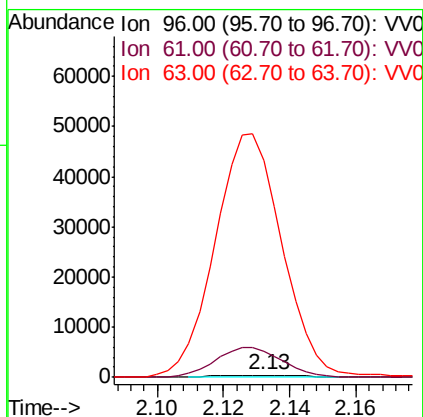
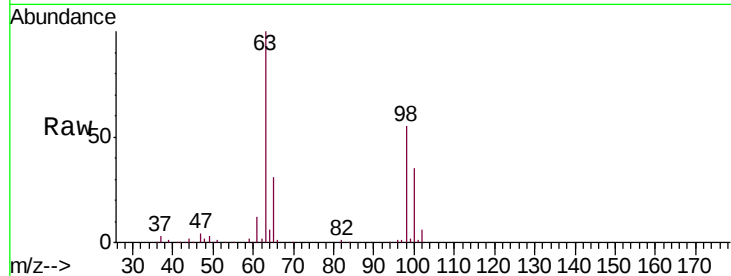
Tgt Ion: 96 Resp: 667

Ion Ratio Lower Upper

96 100

61 1426.6 130.3 242.1#

63 11852.7 84.4 156.8#



#13

Acetone

Concen: 2.728 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008482.D

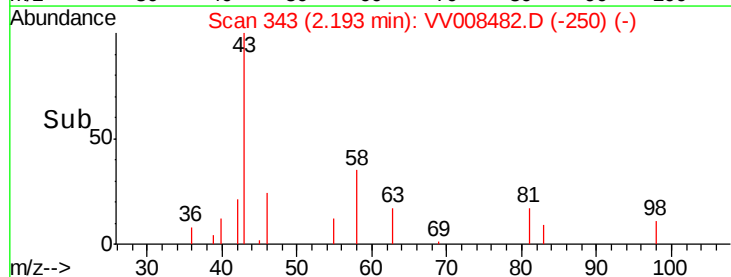
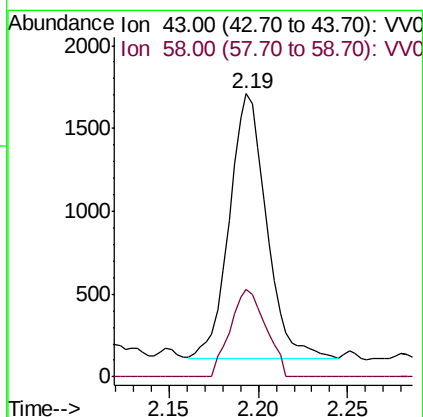
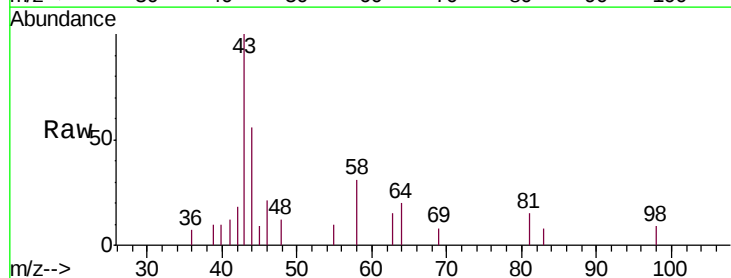
Acq: 30 Oct 2018 20:53

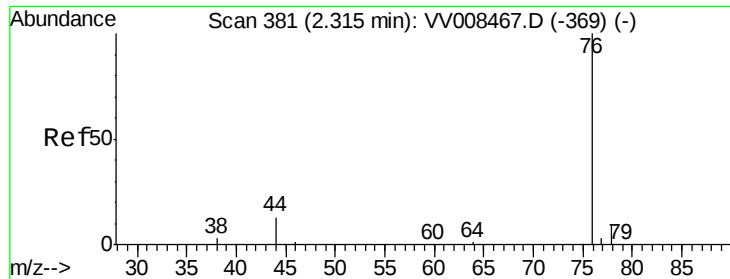
Tgt Ion: 43 Resp: 2303

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.4

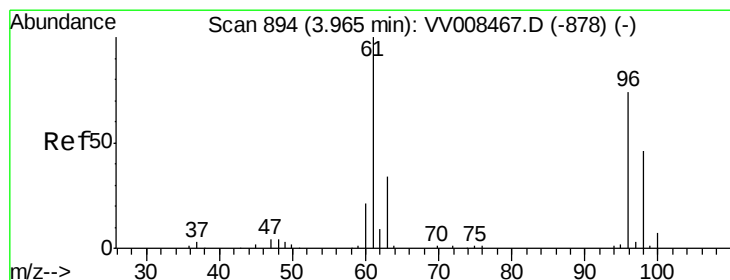
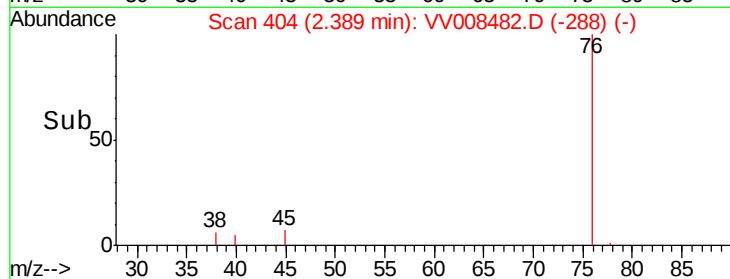
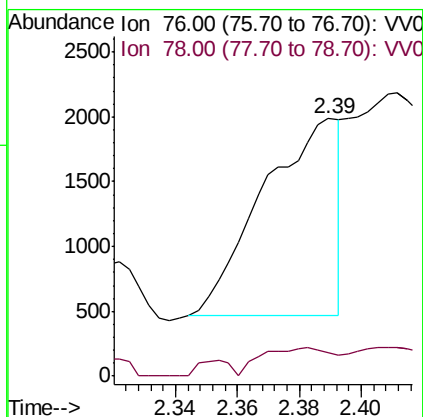
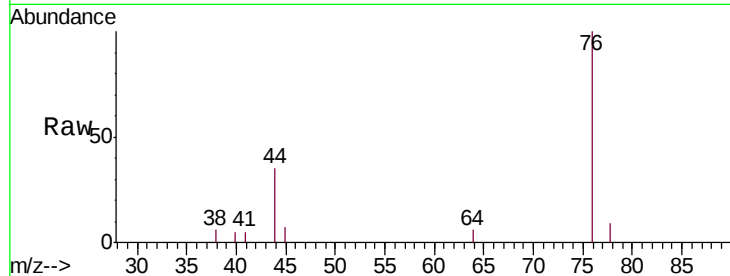




#14
Carbon disulfide
Concen: 0.715 ug/L
RT: 2.39 min Scan# 404
Delta R.T. 0.07 min
Lab File: VV008482.D
Acq: 30 Oct 2018 20:53

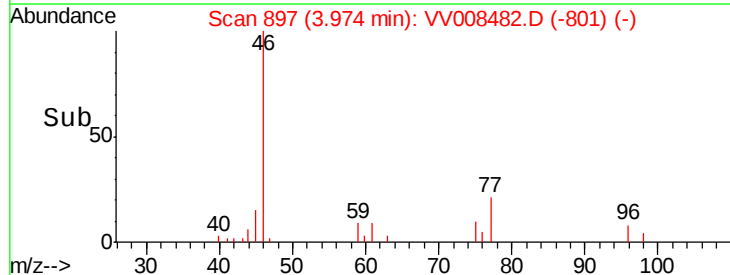
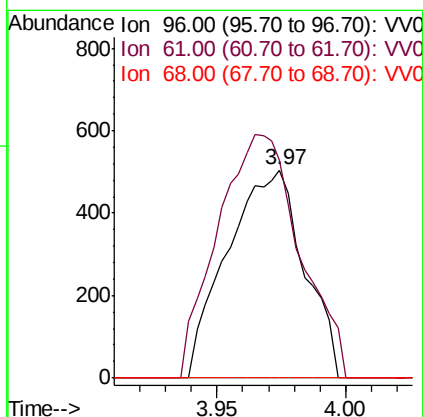
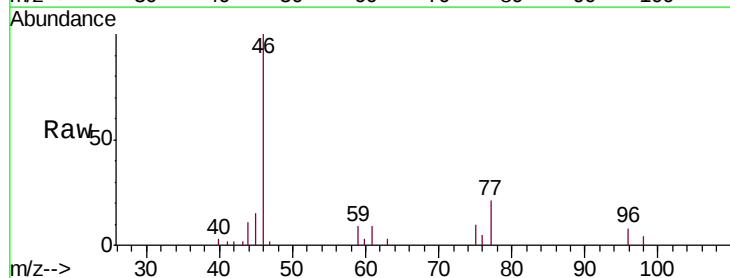
Instrument :
MSVOA_V
ClientSampleId :
ETBR4

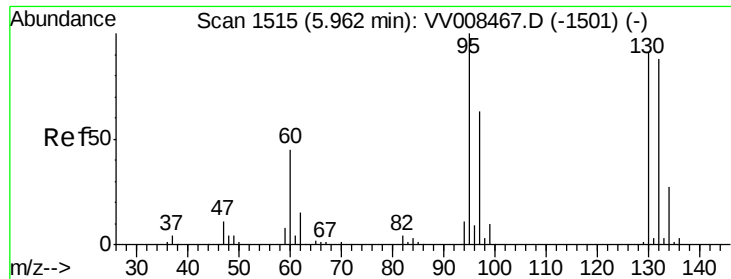
Tgt Ion: 76 Resp: 2612
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#20
cis-1,2-Dichloroethene
Concen: 0.742 ug/L
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VV008482.D
Acq: 30 Oct 2018 20:53

Tgt Ion: 96 Resp: 1045
Ion Ratio Lower Upper
96 100
61 105.0 100.9 187.5
68 0.0 0.0 0.0

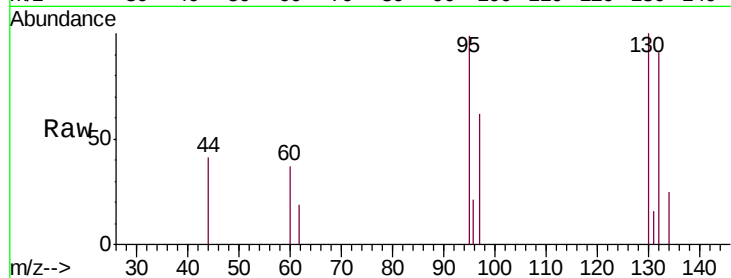




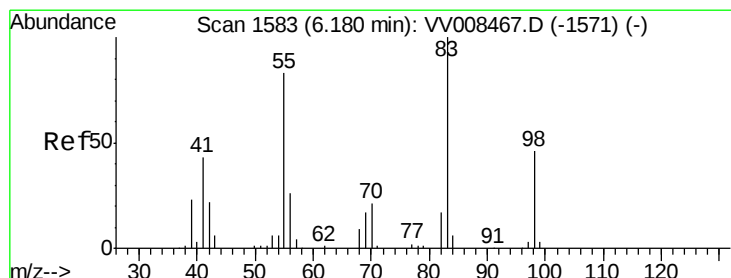
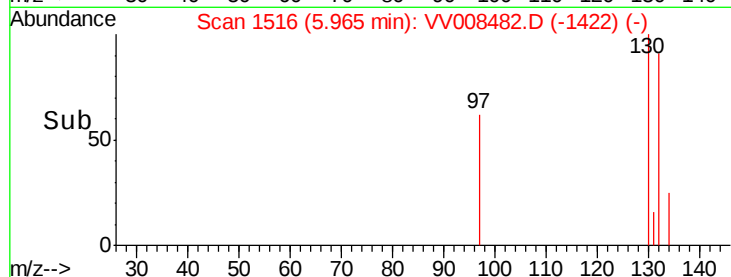
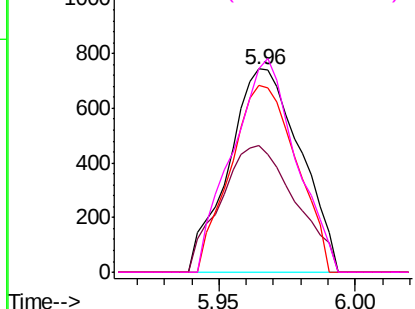
#34
 Trichloroethene
 Concen: 0.995 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008482.D
 Acq: 30 Oct 2018 20:53

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR4

Tgt Ion: 95 Resp: 1359
 Ion Ratio Lower Upper
 95 100
 97 62.2 45.2 84.0
 132 91.8 63.8 118.6
 130 100.5 64.7 120.1

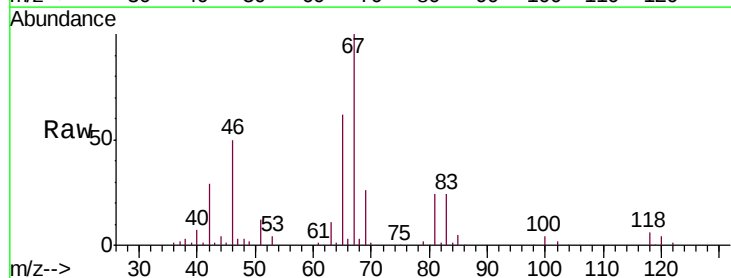


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

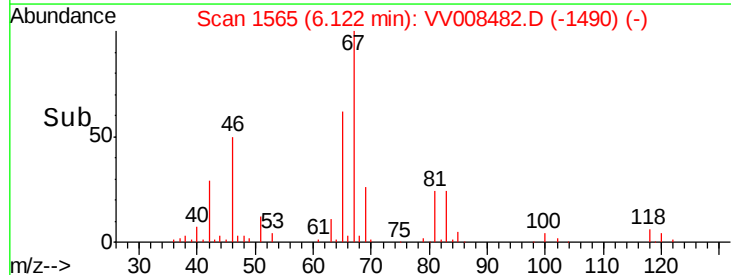
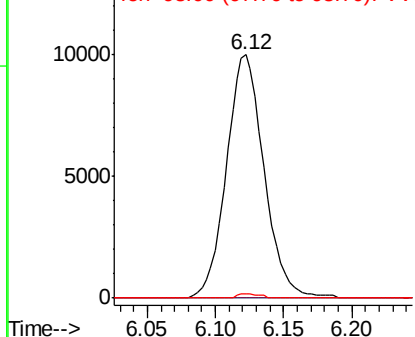


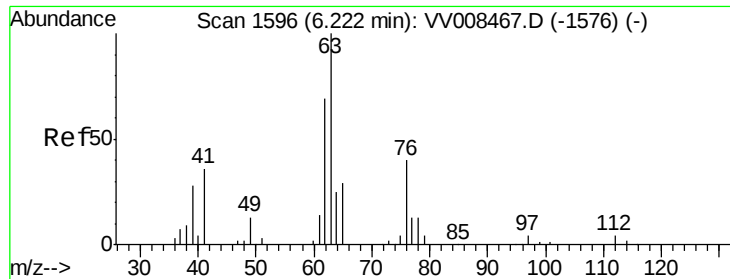
#35
 Methylcyclohexane
 Concen: 8.265 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV008482.D
 Acq: 30 Oct 2018 20:53

Tgt Ion: 83 Resp: 19184
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.0 97.4#
 98 1.0 36.0 54.0#



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

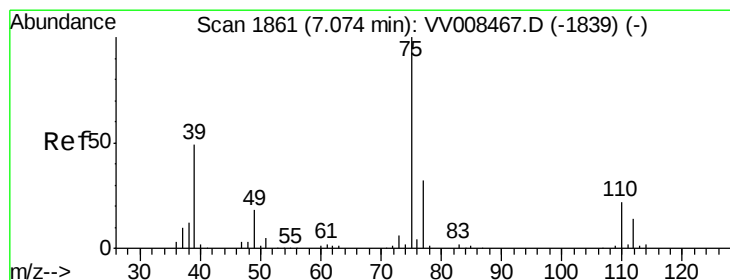
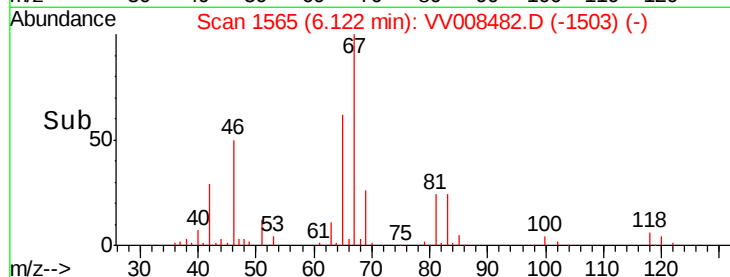
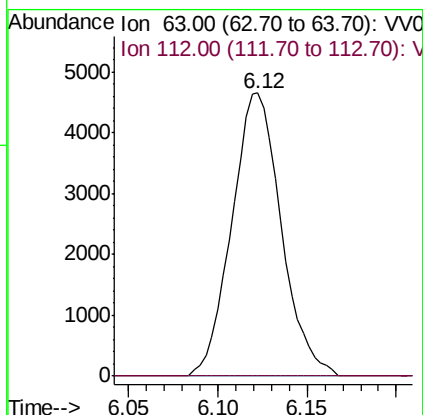
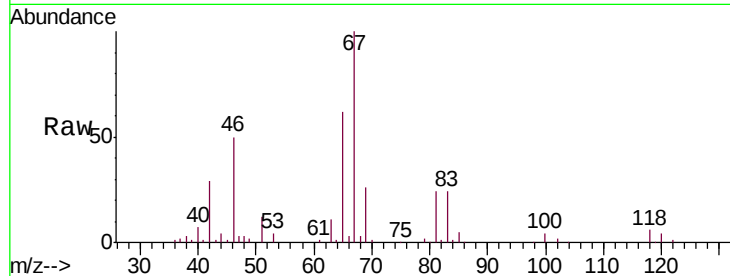




#37
 1,2-Dichloropropane
 Concen: 6.084 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008482.D
 Acq: 30 Oct 2018 20:53

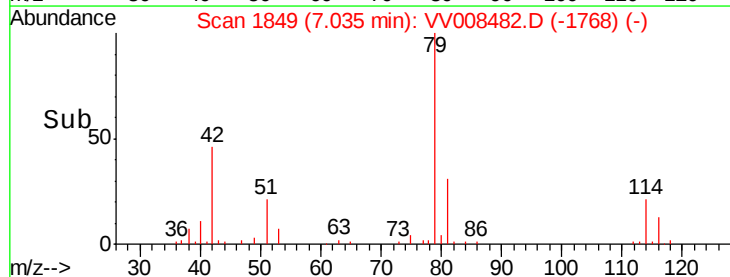
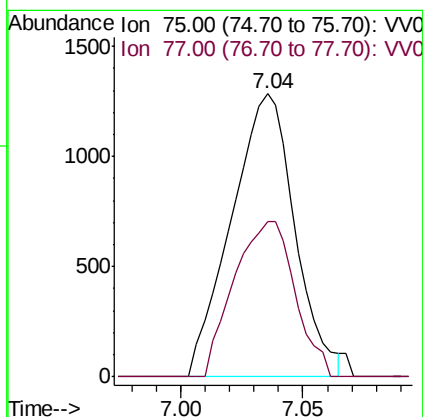
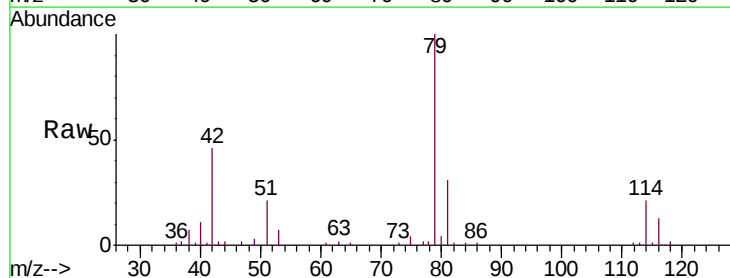
Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR4

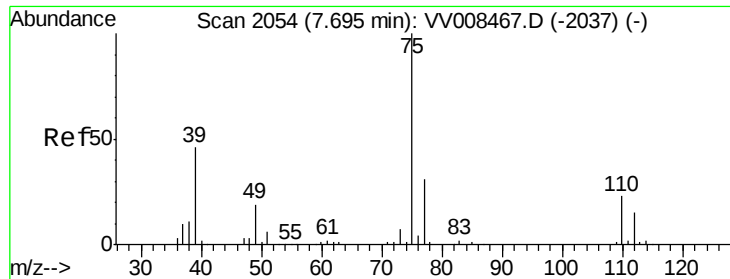
Tgt Ion: 63 Resp: 8961
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.999 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008482.D
 Acq: 30 Oct 2018 20:53

Tgt Ion: 75 Resp: 2314
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.770 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008482.D

Acq: 30 Oct 2018 20:53

Instrument :

MSVOA_V

ClientSampled :

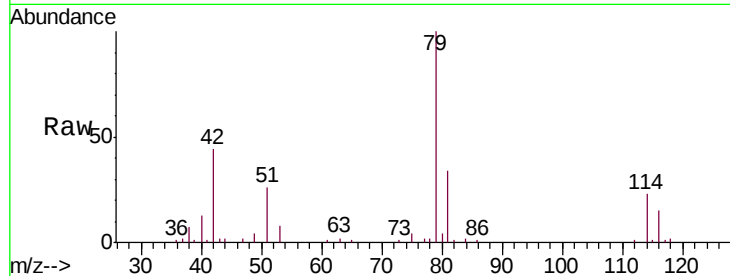
ETBR4

Tgt Ion: 75 Resp: 1667

Ion Ratio Lower Upper

75 100

77 36.9 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV008467.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008467.D (-2037) (-)

7.67

1000

800

600

400

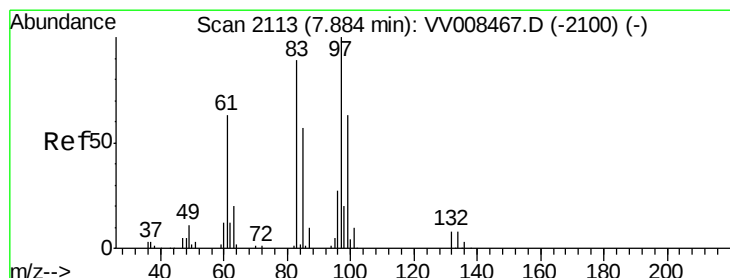
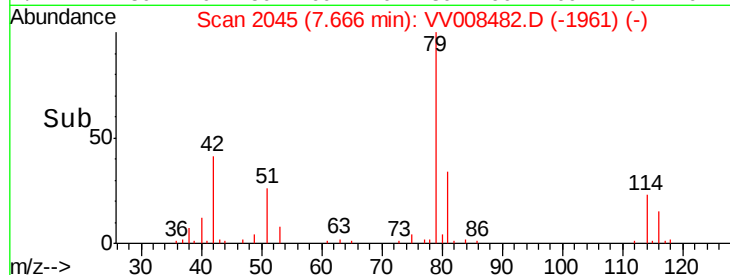
200

0

7.65

7.70

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.487 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.10 min

Lab File: VV008482.D

Acq: 30 Oct 2018 20:53

Tgt Ion: 97 Resp: 634

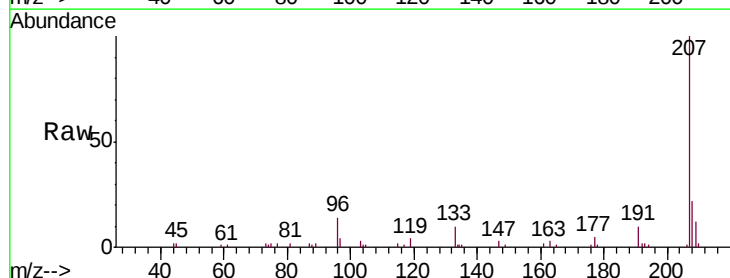
Ion Ratio Lower Upper

97 100

99 0.0 43.3 80.3#

83 0.0 61.9 114.9#

85 0.0 40.9 75.9#



Abundance Ion 97.00 (96.70 to 97.70): VV008467.D (-2100) (-)

Ion 99.00 (98.70 to 99.70): VV008467.D (-2100) (-)

Ion 83.00 (82.70 to 83.70): VV008467.D (-2100) (-)

Ion 85.00 (84.70 to 85.70): VV008467.D (-2100) (-)

7.98

800

600

400

200

0

7.96

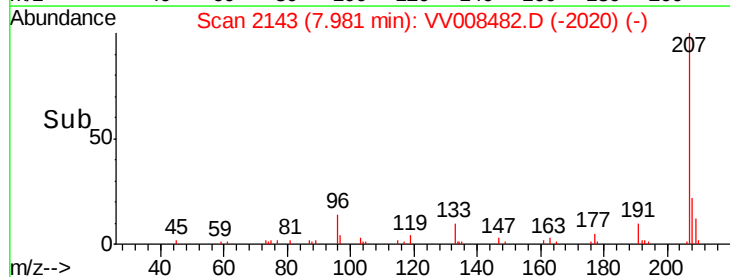
7.97

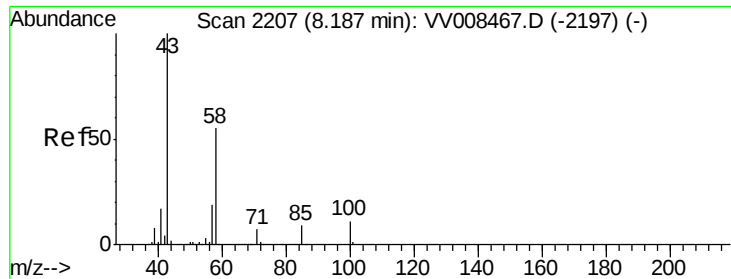
7.98

7.99

8.00

Time-->

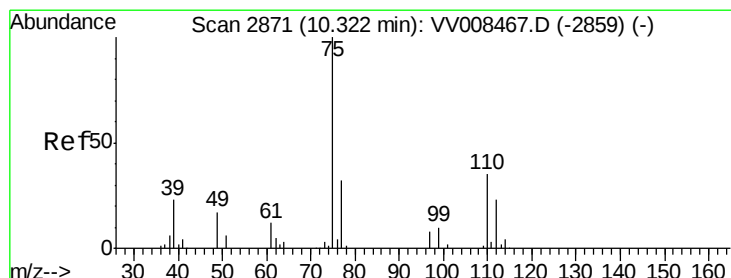
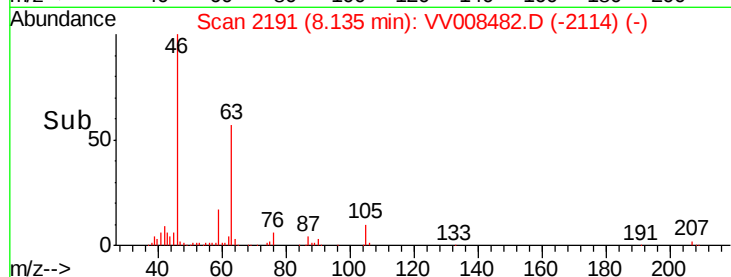
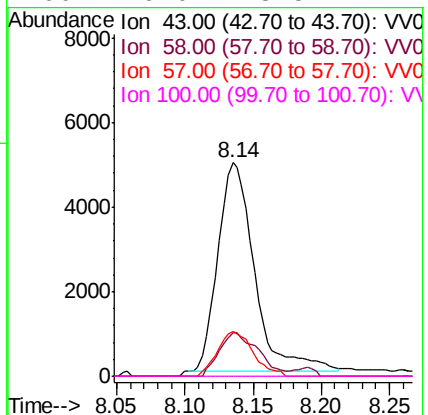
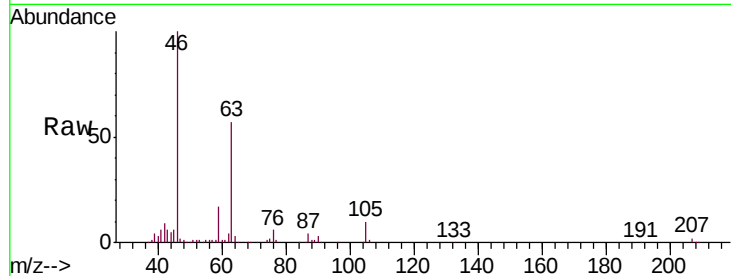




#48
 2-Hexanone
 Concen: 5.442 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV008482.D
 Acq: 30 Oct 2018 20:53

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR4

Tgt Ion: 43 Resp: 9158
 Ion Ratio Lower Upper
 43 100
 58 22.2 42.6 63.8#
 57 21.0 14.8 22.2
 100 0.0 8.5 12.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.984 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008482.D
 Acq: 30 Oct 2018 20:53

Tgt Ion: 75 Resp: 9199
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.8 38.8

