

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007547.D
 Acq On : 15 Sep 2018 02:11
 Operator : SY/MD
 Sample : J4888-14
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KX0

Quant Time: Sep 15 03:59:25 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	104249	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23405	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	23873	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	39939	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.98	46	38486	50.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.34%
24) Chloroform-d	4.41	84	50626	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.09	65	26390	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	100342	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	30494	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	95068	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	10091	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.15	63	26864	60.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	18222	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	35902	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

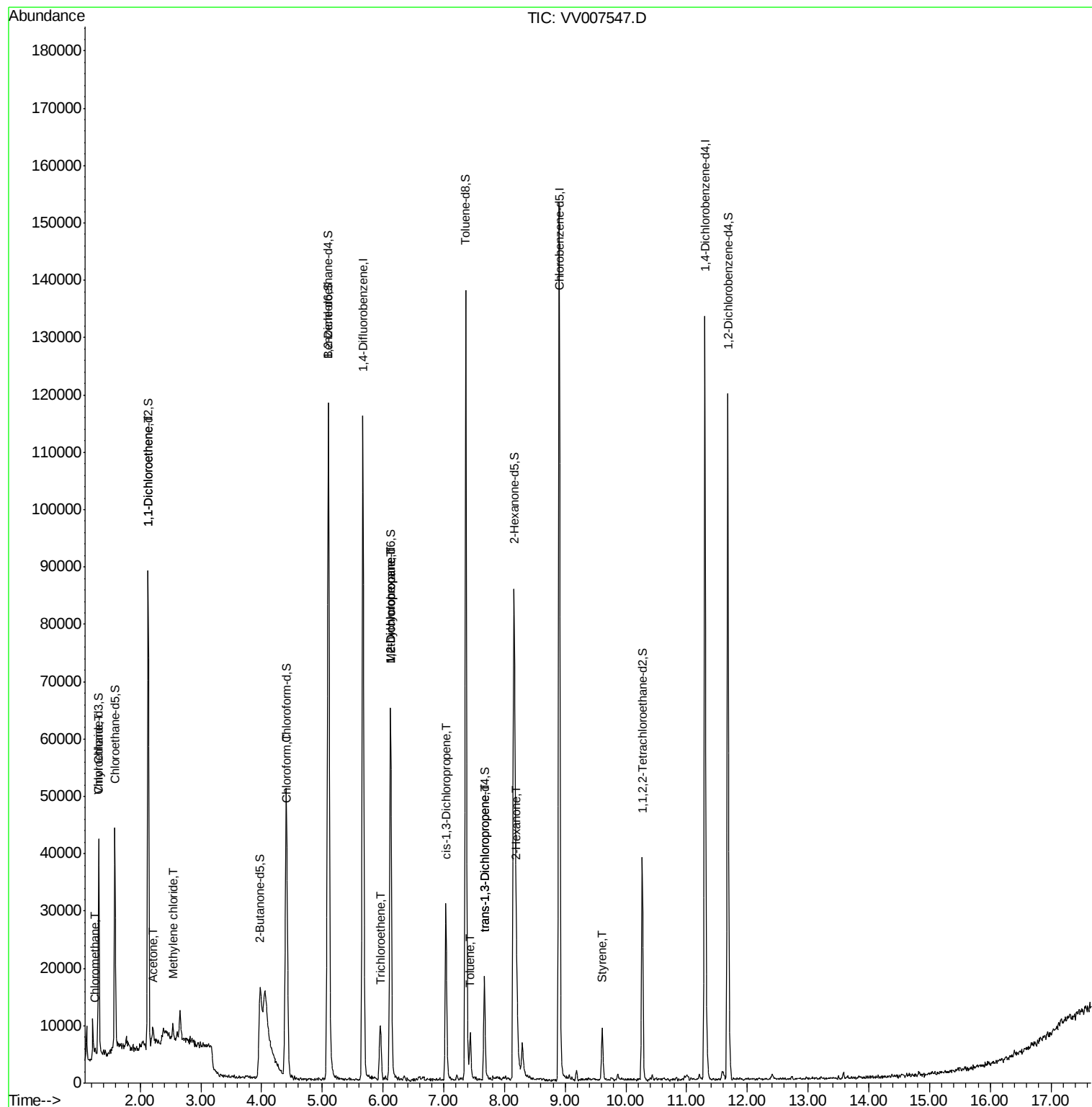
					Qvalue
3) Chloromethane	1.25	50	592	0.121 ug/L	91
8) Chloroethane	1.32	64	338	0.101 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	553	0.105 ug/L #	1
13) Acetone	2.22	43	4053	8.170 ug/L	94
16) Methylene chloride	2.54	84	1159	0.203 ug/L	92
25) Chloroform	4.43	83	2405	0.251 ug/L	90
34) Trichloroethene	5.97	95	1294	0.228 ug/L	91
35) Methylcyclohexane	6.12	83	7805	0.892 ug/L #	23
37) 1,2-Dichloropropane	6.13	63	3631	0.798 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	787	0.109 ug/L #	42
42) Toluene	7.44	91	5545	0.260 ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	559	0.094 ug/L #	72
48) 2-Hexanone	8.20	43	8576	4.494 ug/L #	71
55) Styrene	9.61	104	5363	0.361 ug/L	94

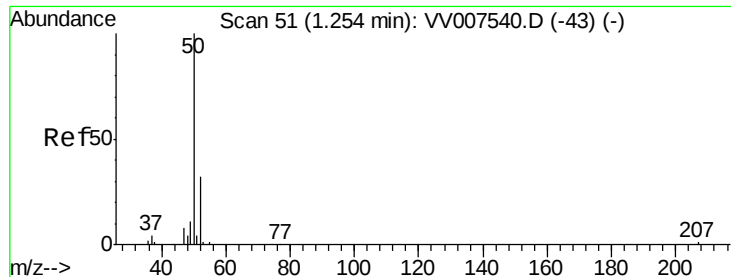
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.121 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007547.D

Acq: 15 Sep 2018 02:11

Instrument :

MSVOA_V

ClientSampled :

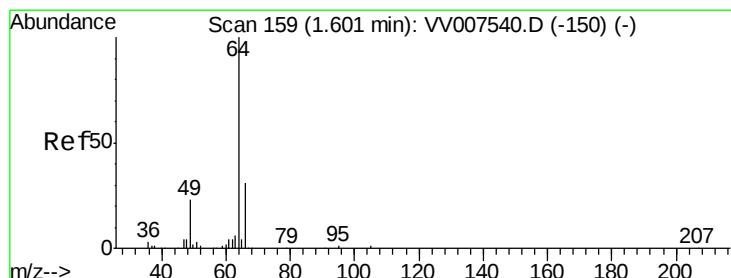
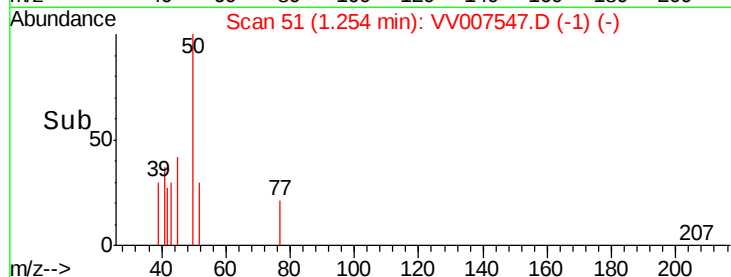
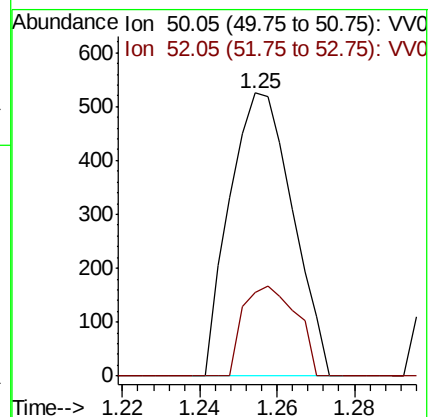
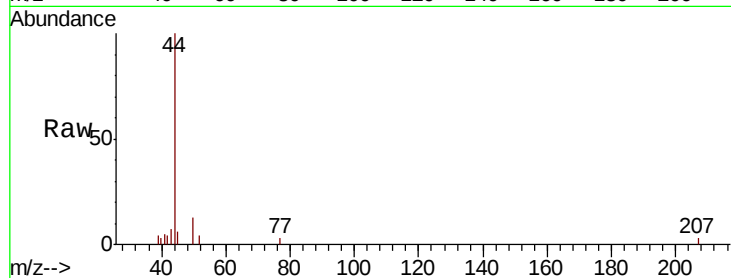
C0KX0

Tgt Ion: 50 Resp: 592

Ion Ratio Lower Upper

50 100

52 29.7 24.3 45.1



#8

Chloroethane

Concen: 0.101 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007547.D

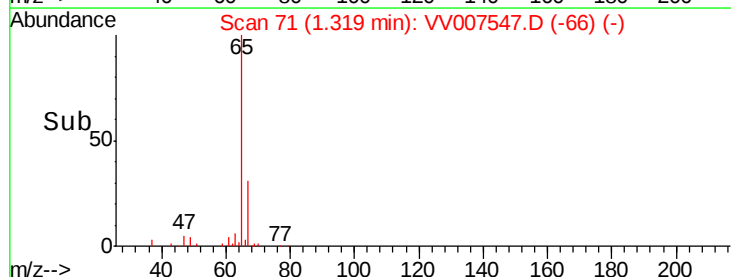
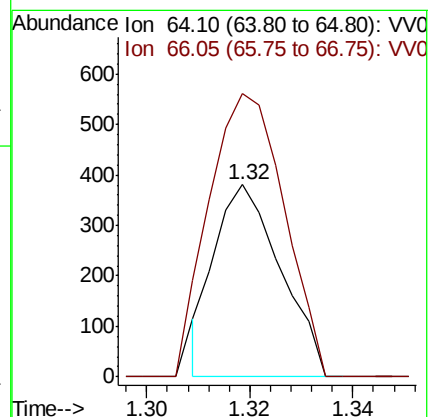
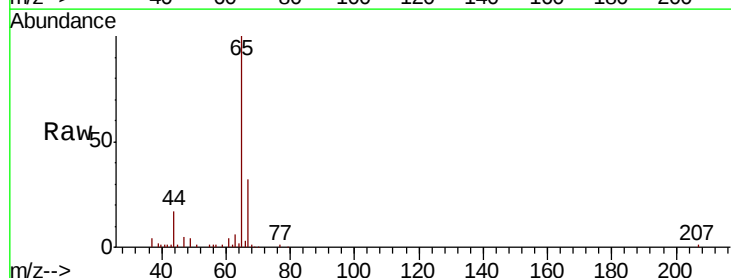
Acq: 15 Sep 2018 02:11

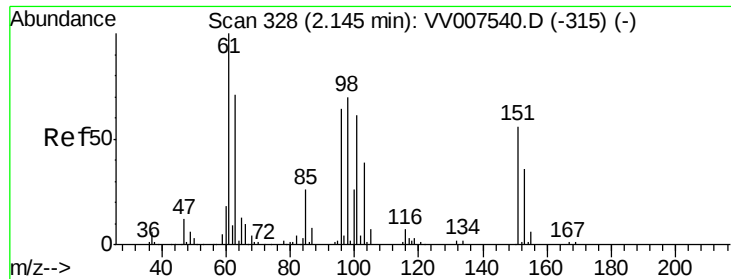
Tgt Ion: 64 Resp: 338

Ion Ratio Lower Upper

64 100

66 147.2 24.3 45.1#





#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007547.D

Acq: 15 Sep 2018 02:11

Instrument :

MSVOA_V

ClientSampled :

C0KX0

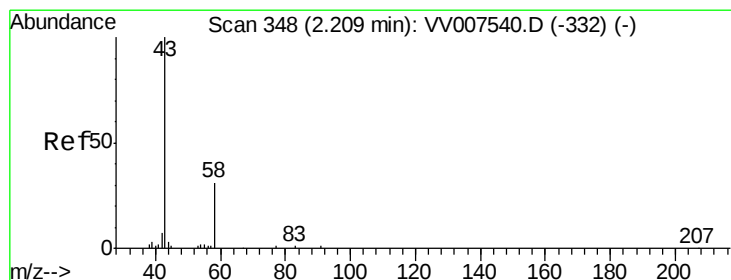
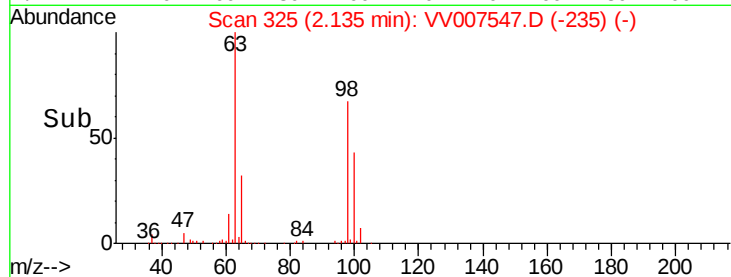
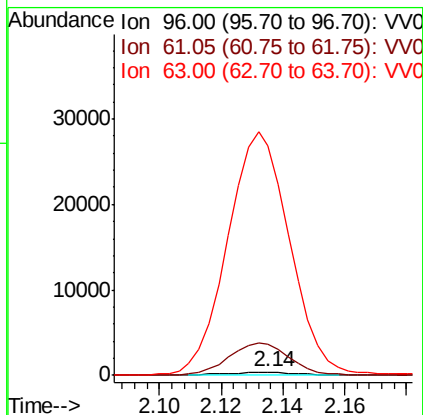
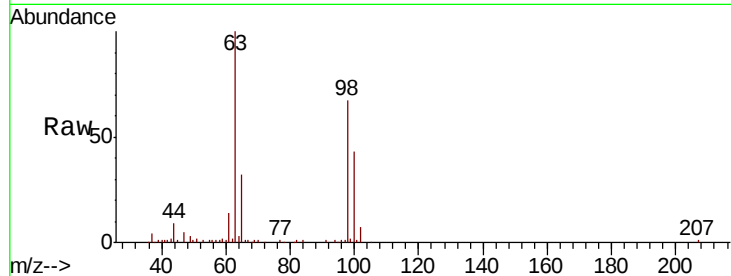
Tgt Ion: 96 Resp: 553

Ion Ratio Lower Upper

96 100

61 978.1 114.8 213.2#

63 7178.6 81.8 151.8#



#13

Acetone

Concen: 8.170 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV007547.D

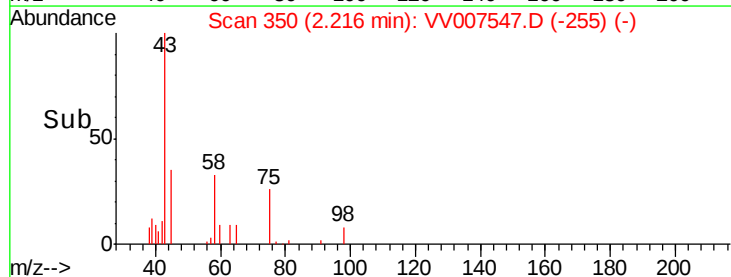
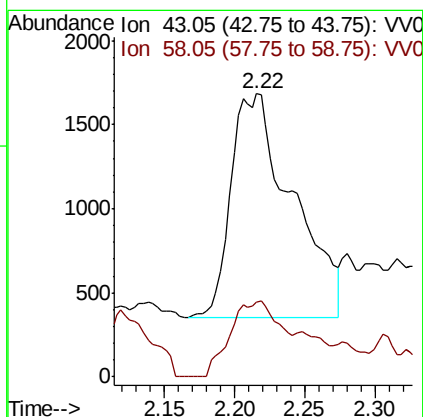
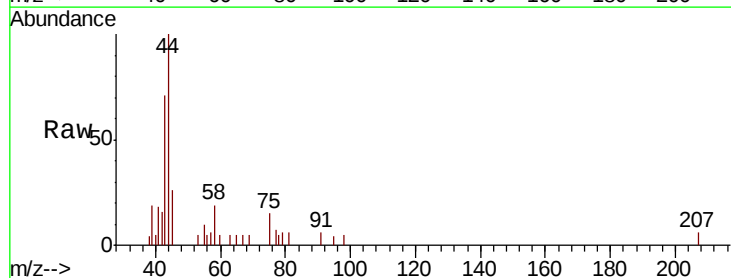
Acq: 15 Sep 2018 02:11

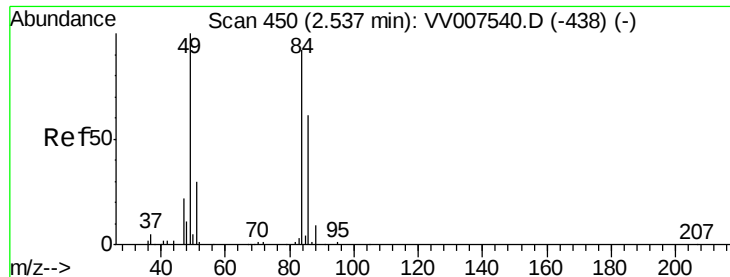
Tgt Ion: 43 Resp: 4053

Ion Ratio Lower Upper

43 100

58 28.2 0.0 63.4

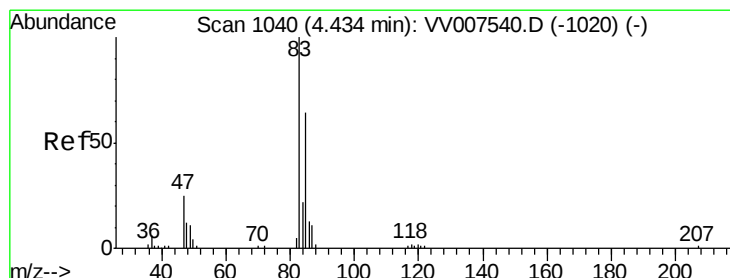
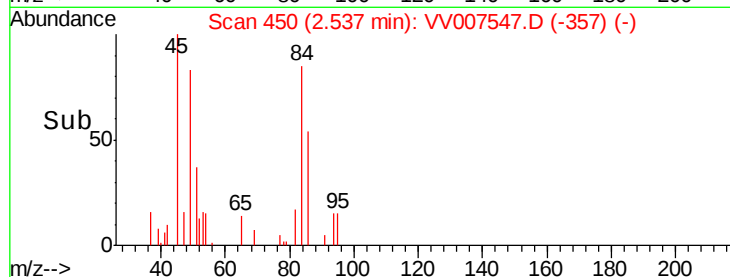
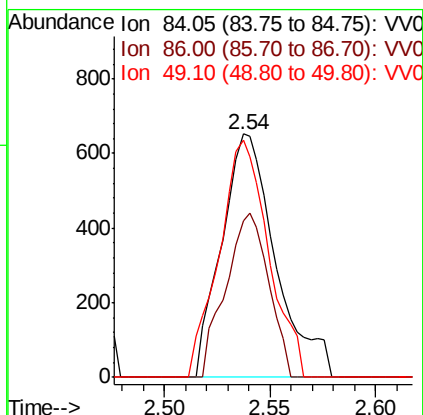
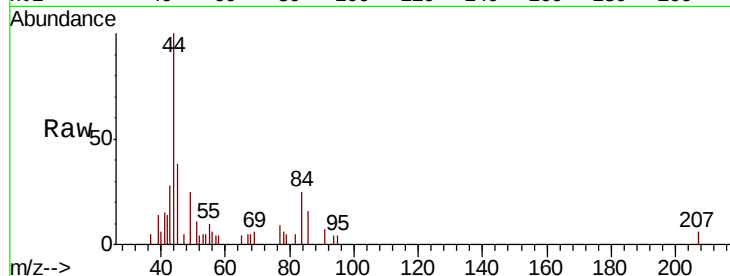




#16
Methylene chloride
Concen: 0.203 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007547.D
Acq: 15 Sep 2018 02:11

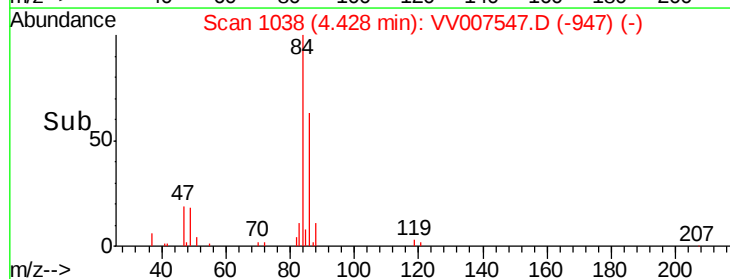
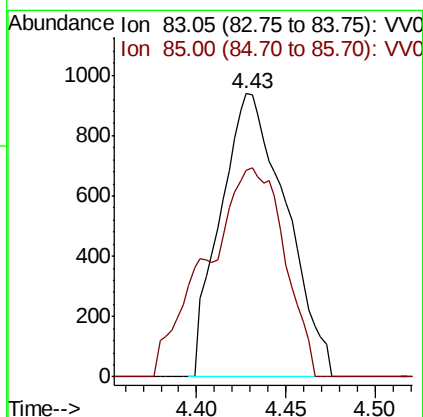
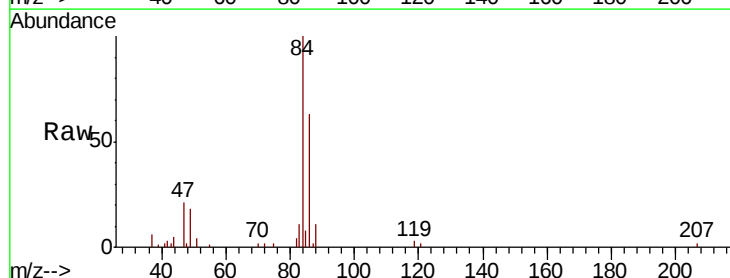
Instrument :
MSVOA_V
ClientSampleId :
C0KX0

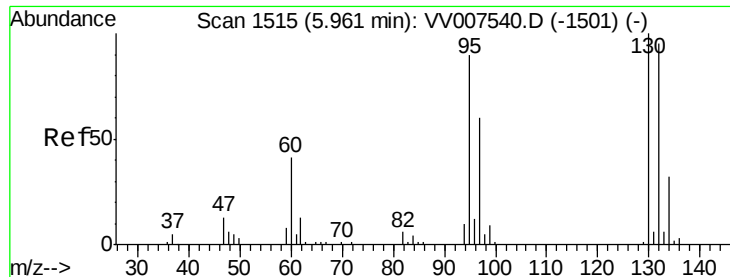
Tgt Ion: 84 Resp: 1159
Ion Ratio Lower Upper
84 100
86 64.0 43.7 81.1
49 97.2 76.8 142.6



#25
Chloroform
Concen: 0.251 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.01 min
Lab File: VV007547.D
Acq: 15 Sep 2018 02:11

Tgt Ion: 83 Resp: 2405
Ion Ratio Lower Upper
83 100
85 73.1 45.5 84.5





#34

Trichloroethene

Concen: 0.228 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV007547.D

Acq: 15 Sep 2018 02:11

Instrument :

MSVOA_V

ClientSampleId :

C0KX0

Tgt Ion: 95 Resp: 1294

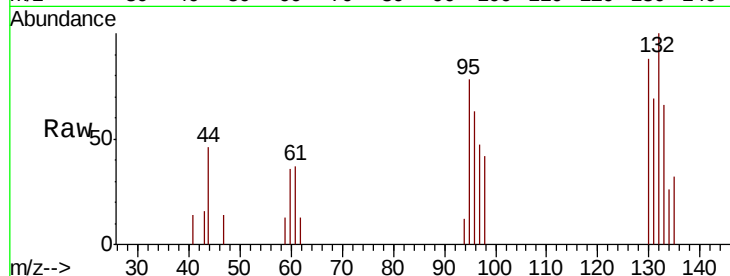
Ion Ratio Lower Upper

95 100

97 60.6 45.5 84.5

132 128.9 74.9 139.1

130 113.8 80.0 148.6

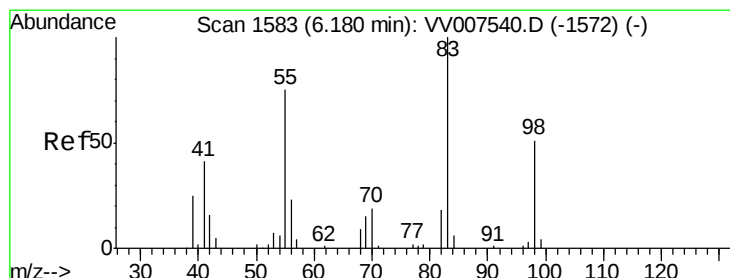
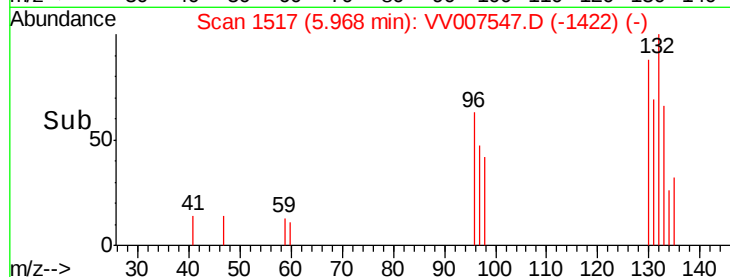
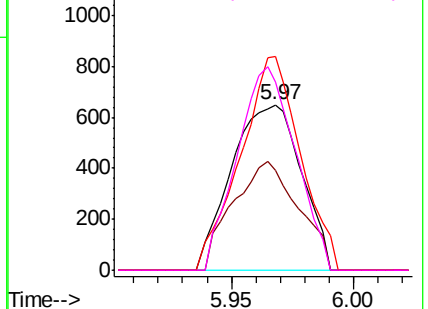


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007547.D

Acq: 15 Sep 2018 02:11

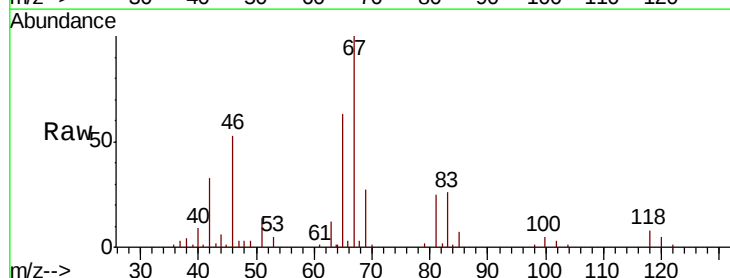
Tgt Ion: 83 Resp: 7805

Ion Ratio Lower Upper

83 100

55 0.3 55.0 82.4#

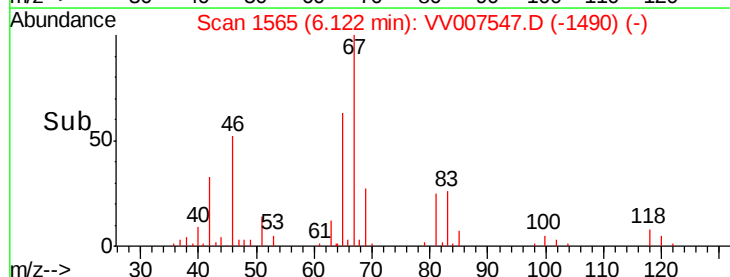
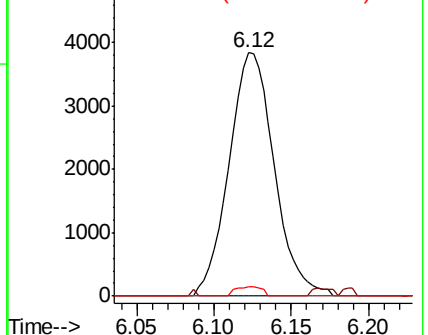
98 2.2 37.6 56.4#

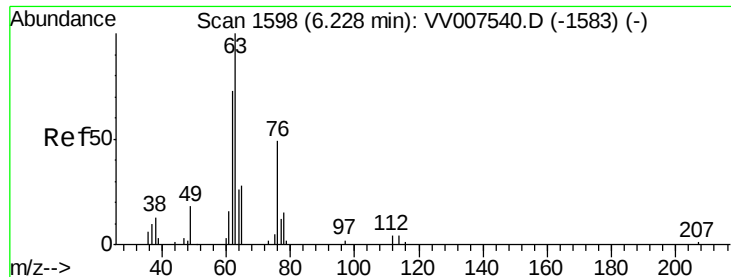


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.798 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007547.D

Acq: 15 Sep 2018 02:11

Instrument :

MSVOA_V

ClientSampleId :

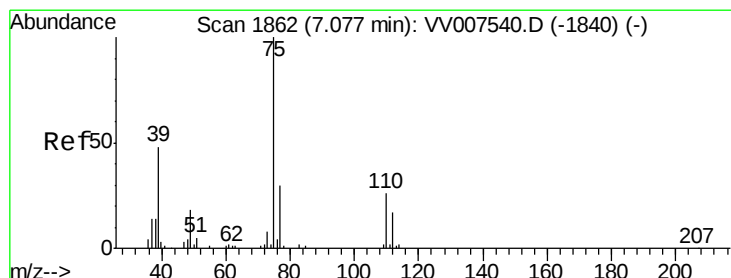
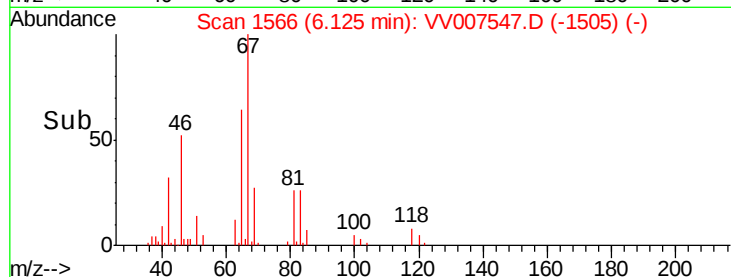
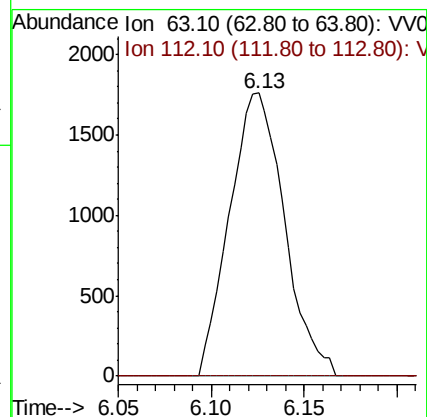
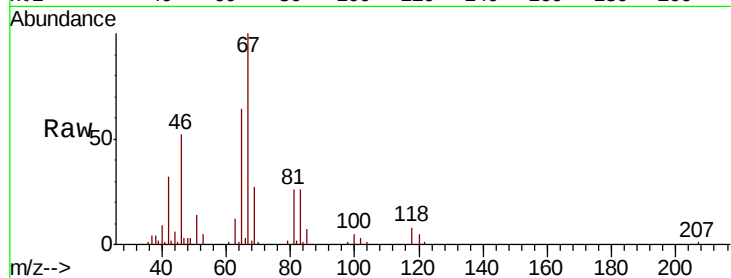
C0KX0

Tgt Ion: 63 Resp: 3631

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007547.D

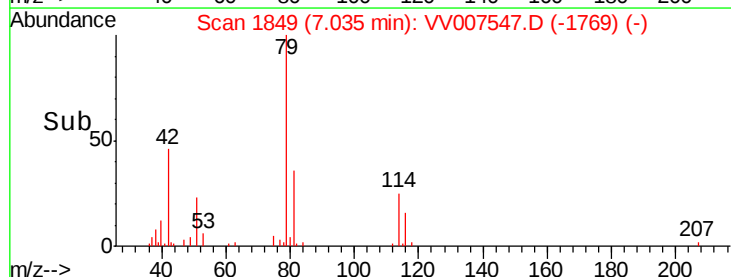
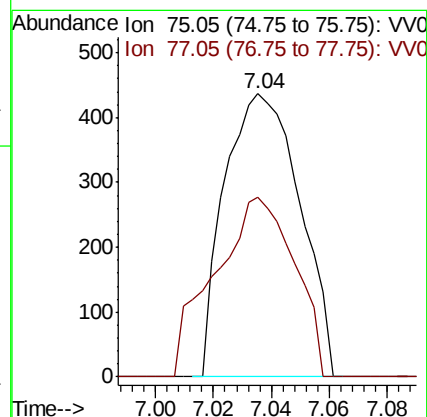
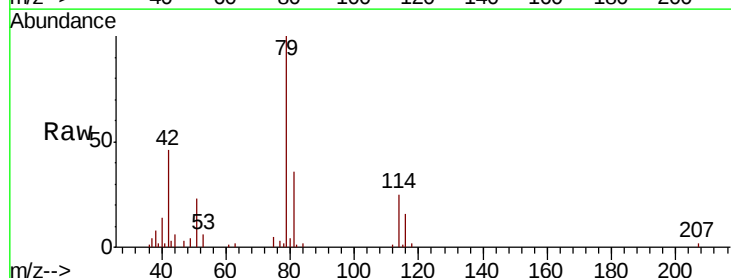
Acq: 15 Sep 2018 02:11

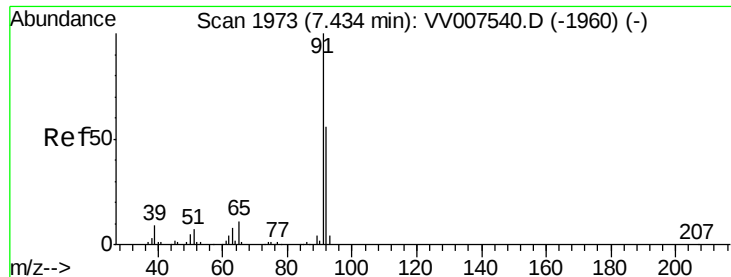
Tgt Ion: 75 Resp: 787

Ion Ratio Lower Upper

75 100

77 63.4 22.0 41.0#





#42

Toluene

Concen: 0.260 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007547.D

Acq: 15 Sep 2018 02:11

Instrument :

MSVOA_V

ClientSampleId :

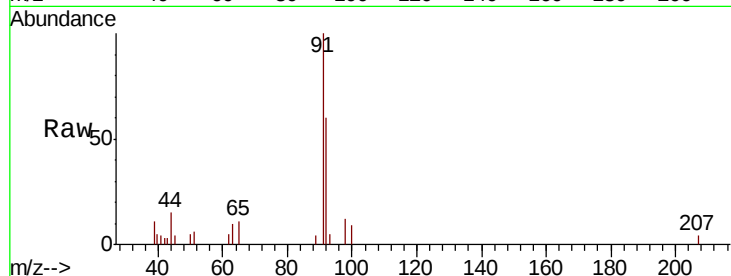
C0KX0

Tgt Ion: 91 Resp: 5545

Ion Ratio Lower Upper

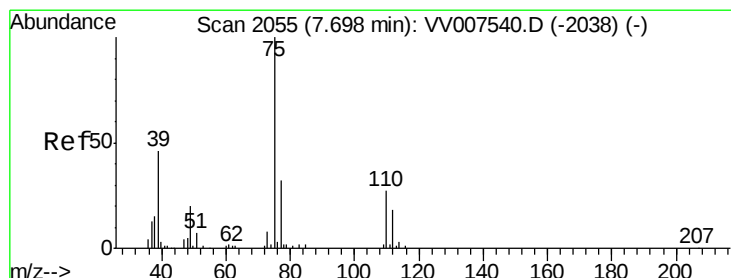
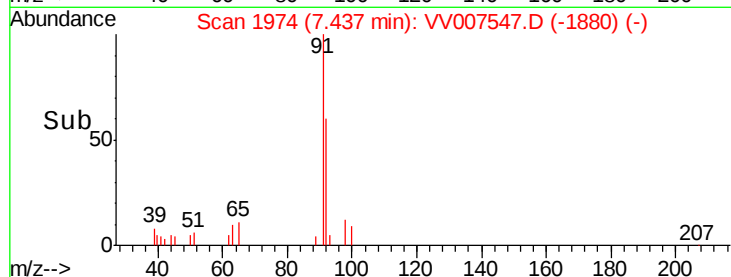
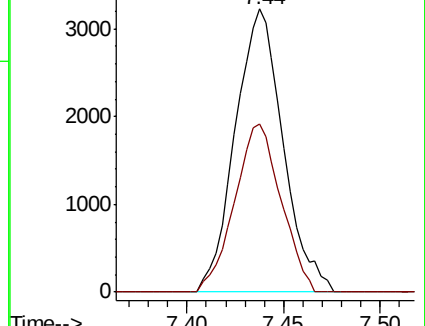
91 100

92 59.5 40.3 74.8



Abundance Ion 91.15 (90.85 to 91.85): VV007540.D (-1960) (-)

Ion 92.15 (91.85 to 92.85): VV007540.D (-1960) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007547.D

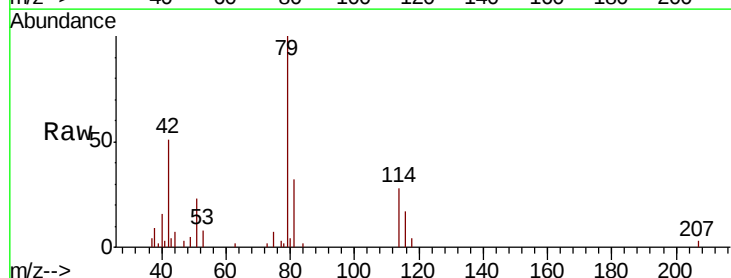
Acq: 15 Sep 2018 02:11

Tgt Ion: 75 Resp: 559

Ion Ratio Lower Upper

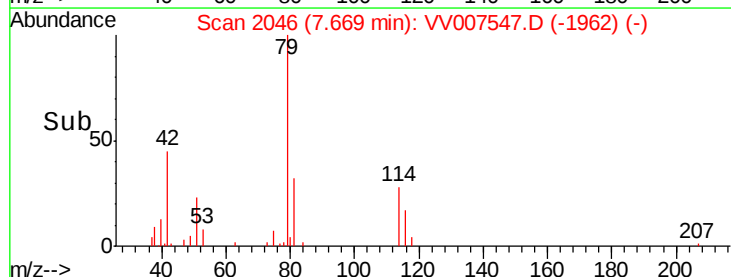
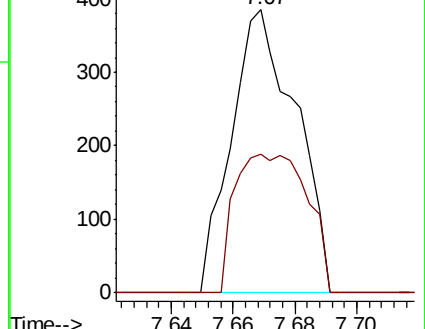
75 100

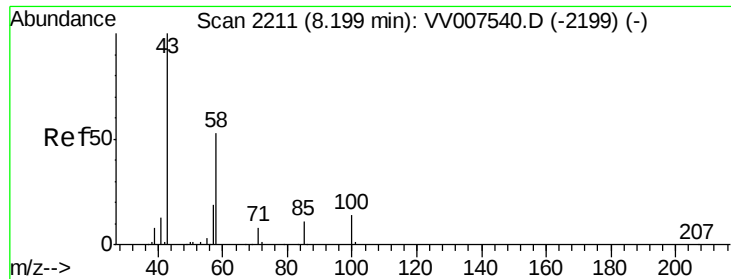
77 49.1 23.4 43.4#



Abundance Ion 75.05 (74.75 to 75.75): VV007540.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV007540.D (-2038) (-)

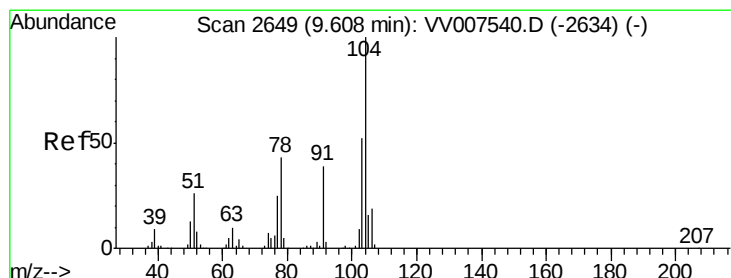
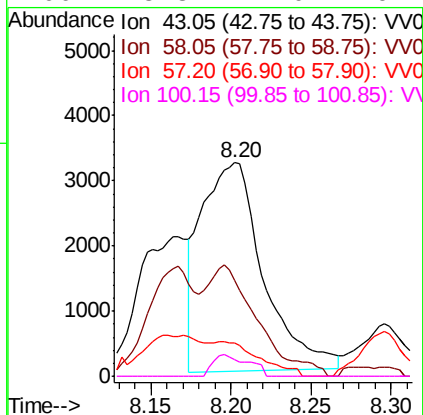
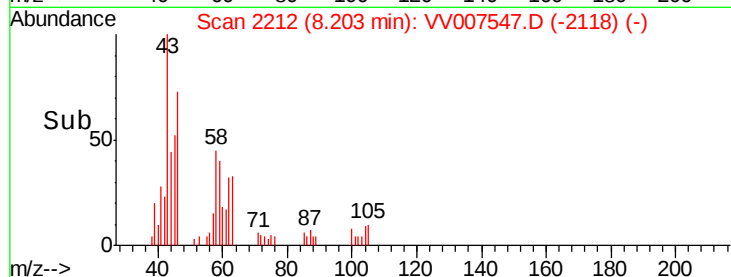
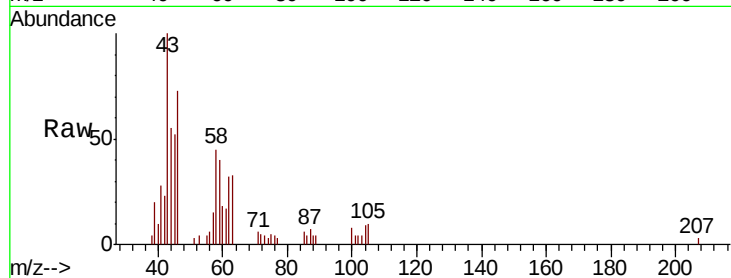




#48
2-Hexanone
Concen: 4.494 ug/L
RT: 8.20 min Scan# 2212
Delta R.T. 0.00 min
Lab File: VV007547.D
Acq: 15 Sep 2018 02:11

Instrument :
MSVOA_V
ClientSampleId :
C0KX0

Tgt Ion: 43 Resp: 8576
Ion Ratio Lower Upper
43 100
58 43.7 49.8 74.6#
57 0.0 18.2 27.4#
100 5.8 11.0 16.4#



#55
Styrene
Concen: 0.361 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV007547.D
Acq: 15 Sep 2018 02:11

Tgt Ion: 104 Resp: 5363
Ion Ratio Lower Upper
104 100
78 38.4 29.5 54.7

