

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091318\
 Data File : VV007536.D
 Acq On : 14 Sep 2018 03:21
 Operator : SY/MD
 Sample : J4888-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 14 05:13:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	126143	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27137	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.59	69	25074	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.14	63	46326	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.97	46	60136	65.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.86%#
24) Chloroform-d	4.41	84	58422	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.09	65	28452	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.10	84	113081	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.13	67	34069	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.36	98	112740	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.67	79	13351	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.14	63	30425	53.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23654	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	45955	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

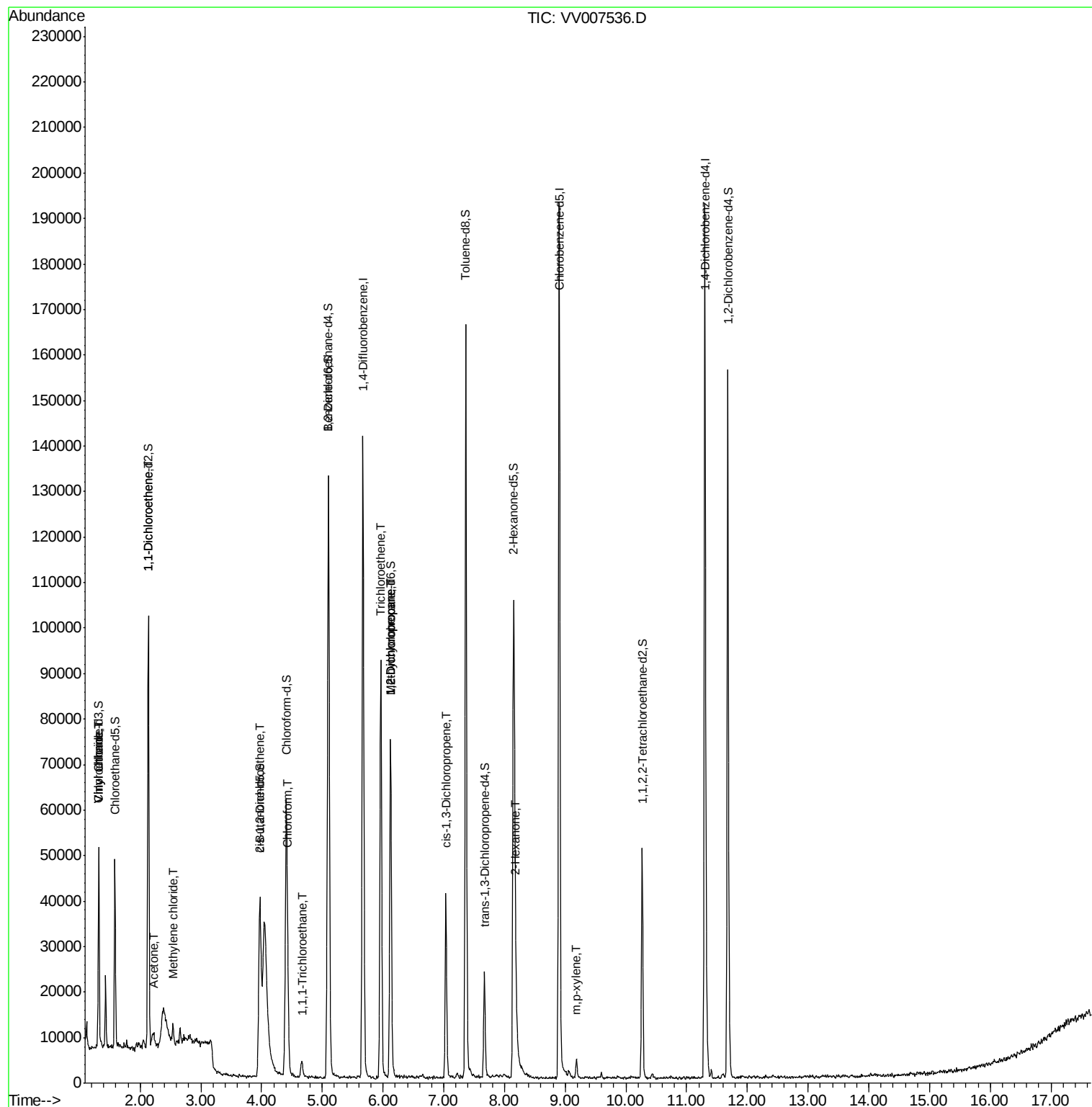
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	615	0.093	ug/L #	1
8) Chloroethane	1.32	64	535	0.132	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	1302	0.203	ug/L #	1
13) Acetone	2.22	43	3198	5.328	ug/L	84
16) Methylene chloride	2.54	84	2127	0.307	ug/L	84
22) cis-1,2-Dichloroethene	3.97	96	5450	0.794	ug/L	94
25) Chloroform	4.43	83	9271	0.799	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	3193	0.290	ug/L	97
34) Trichloroethene	5.96	95	30159	4.200	ug/L	99
35) Methylcyclohexane	6.13	83	8667	0.782	ug/L #	25
37) 1,2-Dichloropropane	6.12	63	4082	0.708	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1077	0.117	ug/L #	51
48) 2-Hexanone	8.19	43	5183	2.143	ug/L #	35
53) m,p-xylene	9.19	106	1313	0.111	ug/L	97

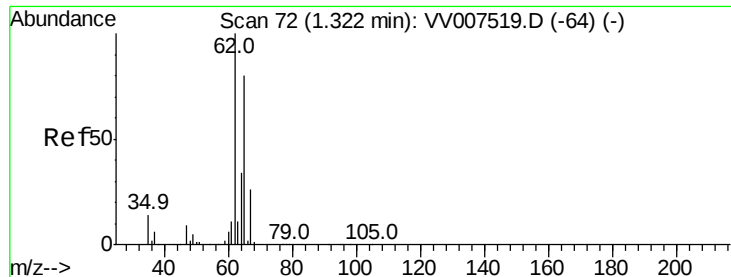
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 05:10:24 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.093 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV007536.D

Acq: 14 Sep 2018 03:21

Instrument :

MSVOA_V

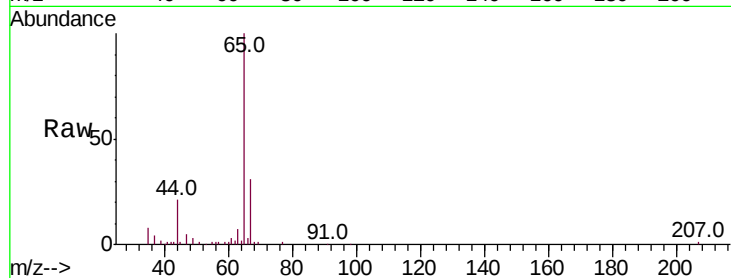
ClientSampleId :

Tot Ion: 62 Resp: 615

Ion Ratio Lower Upper

62 100

64 92.2 24.4 45.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

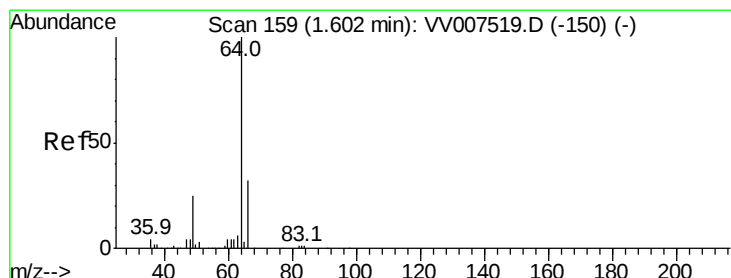
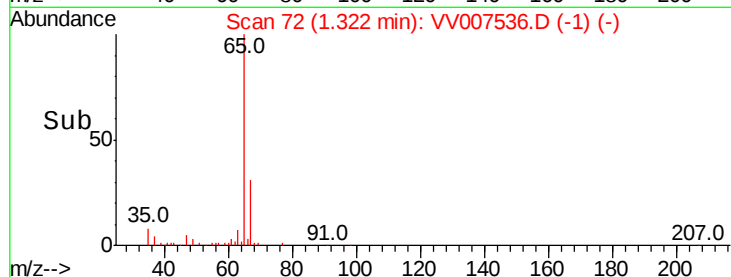
600

400

200

0

Time-->



#8

Chloroethane

Concen: 0.132 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV007536.D

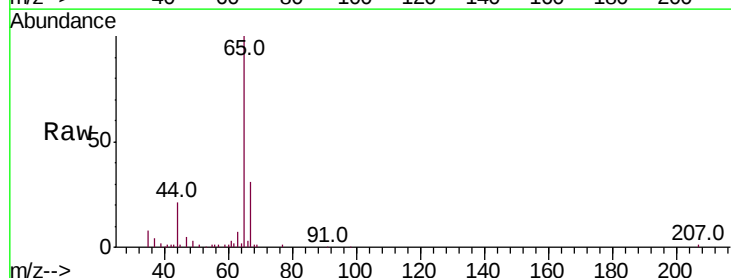
Acq: 14 Sep 2018 03:21

Tgt Ion: 64 Resp: 535

Ion Ratio Lower Upper

64 100

66 119.7 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

800

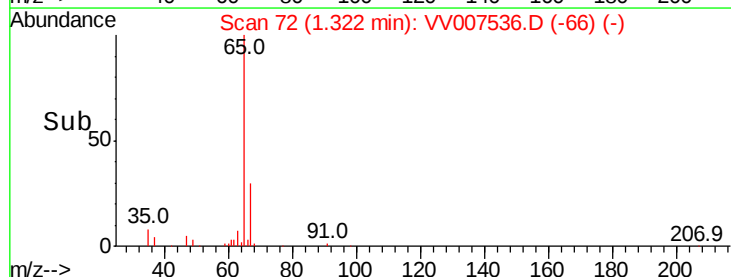
600

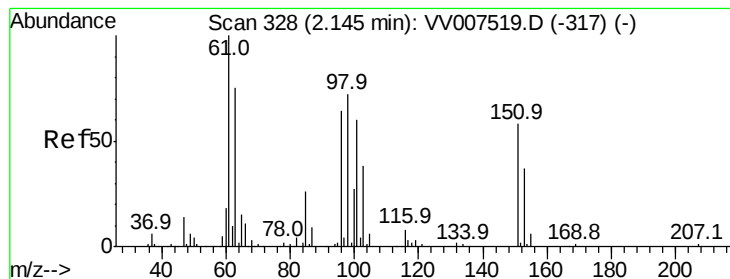
400

200

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.203 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

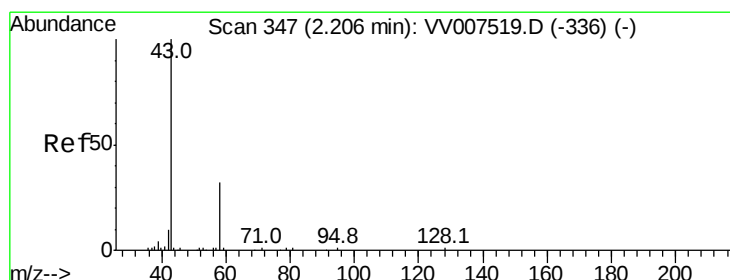
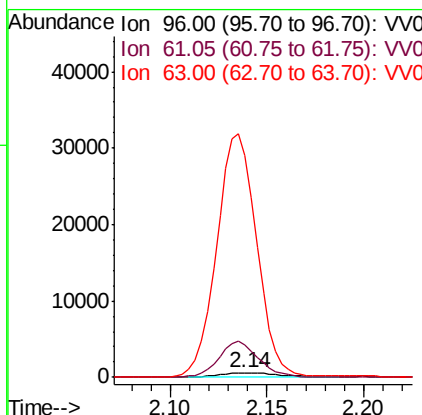
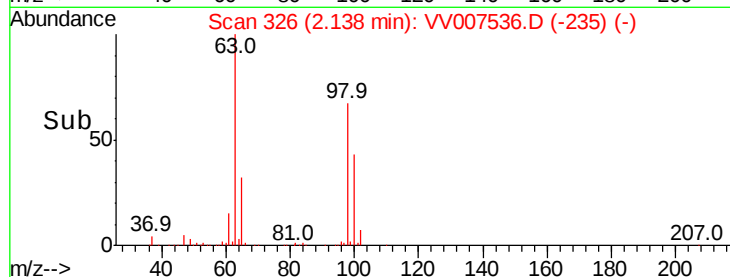
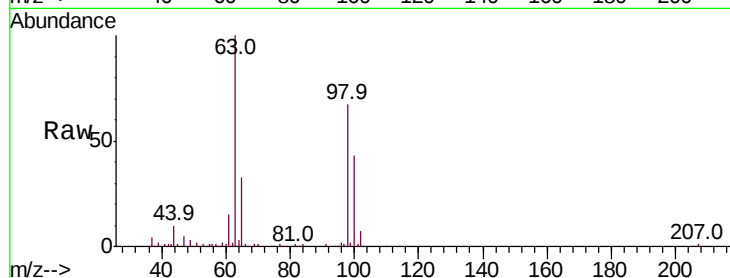
Lab File: VV007536.D

Acq: 14 Sep 2018 03:21

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 1302

Ion	Ratio	Lower	Upper
96	100		
61	676.8	114.8	213.2#
63	4583.0	81.8	151.8#



#13

Acetone

Concen: 5.328 ug/L

RT: 2.22 min Scan# 351

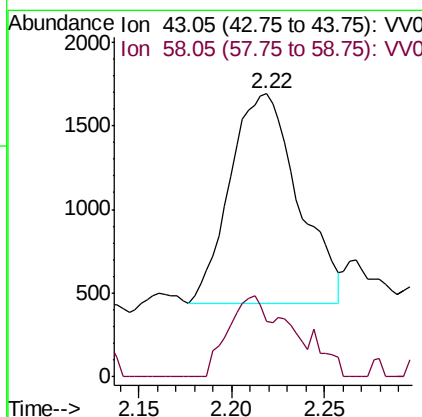
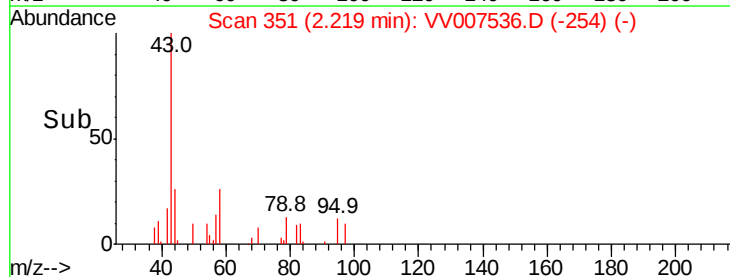
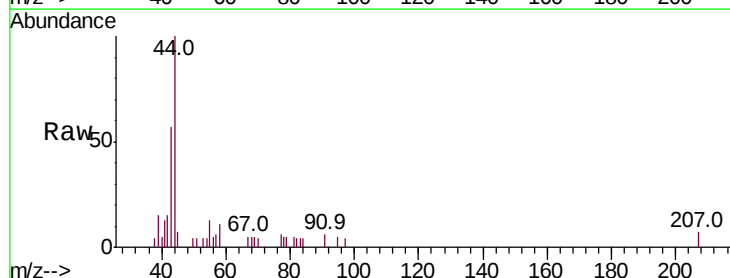
Delta R.T. 0.01 min

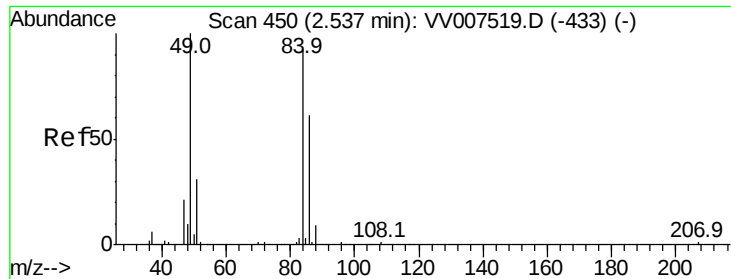
Lab File: VV007536.D

Acq: 14 Sep 2018 03:21

Tgt Ion: 43 Resp: 3198

Ion	Ratio	Lower	Upper
43	100		
58	22.6	0.0	63.4

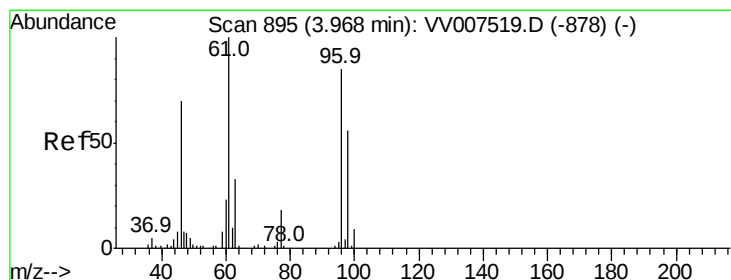
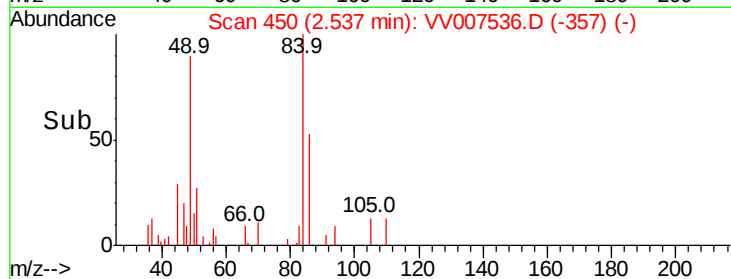
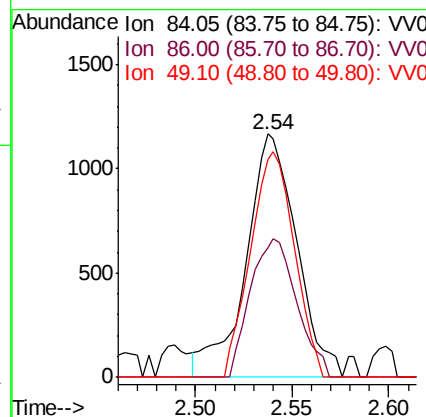
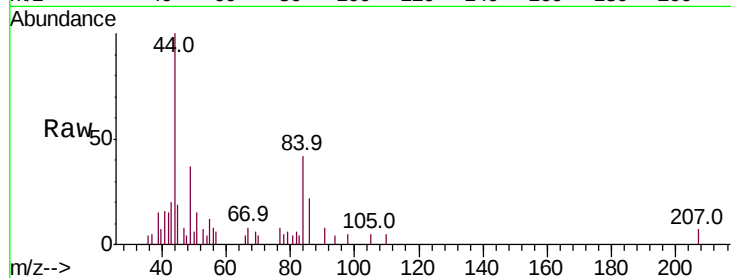




#16
Methvlene chloride
Concen: 0.307 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV007536.D
Acq: 14 Sep 2018 03:21

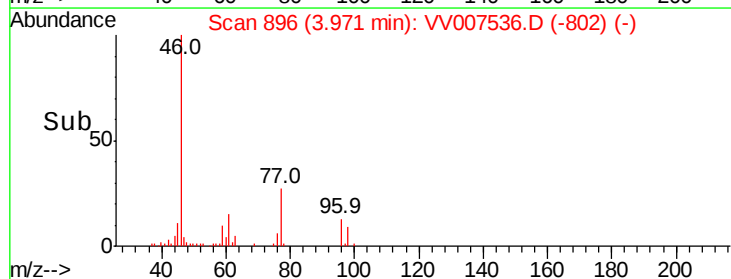
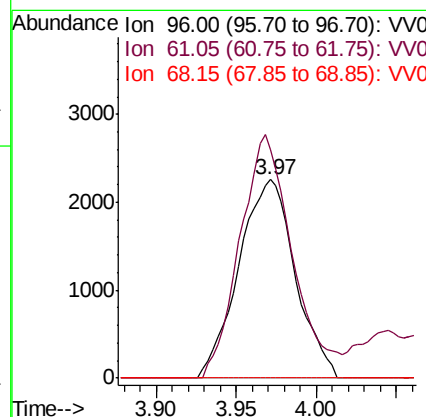
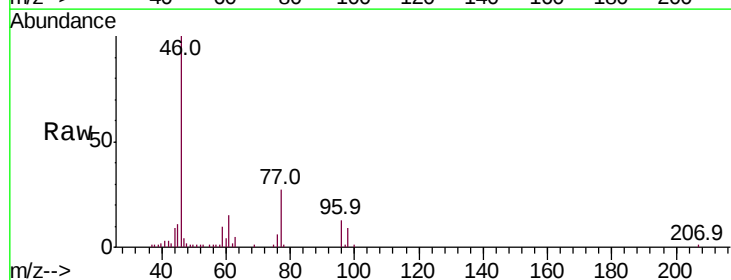
Instrument :
MSVOA_V
ClientSampled :

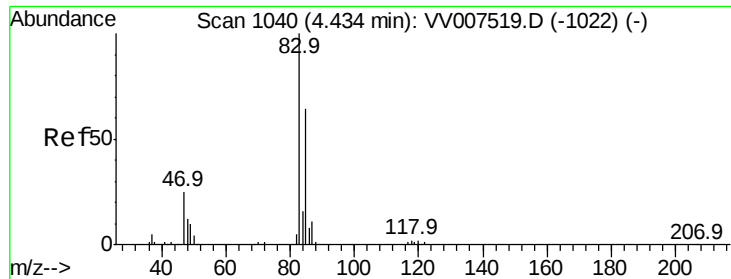
Tot Ion: 84 Resp: 2127
Ion Ratio Lower Upper
84 100
86 53.1 43.7 81.1
49 89.6 76.8 142.6



#22
cis-1,2-Dichloroethene
Concen: 0.794 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV007536.D
Acq: 14 Sep 2018 03:21

Tgt Ion: 96 Resp: 5450
Ion Ratio Lower Upper
96 100
61 115.0 85.3 158.5
68 0.0 0.0 0.0

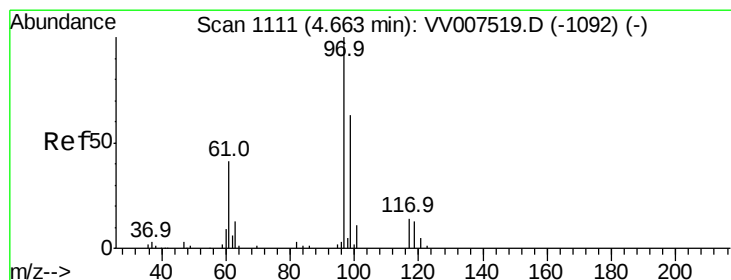
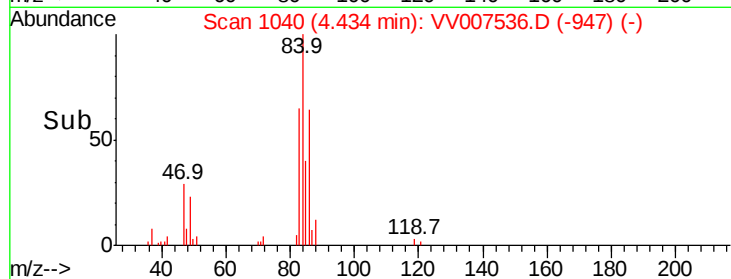
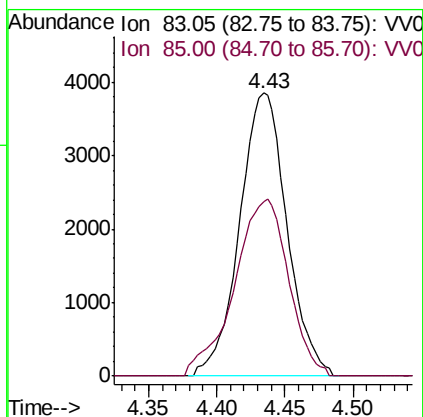
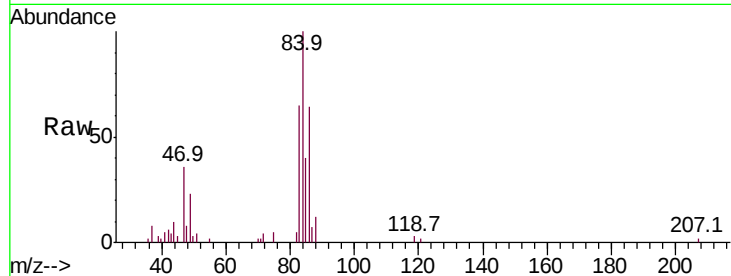




#25
Chloroform
Concen: 0.799 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV007536.D
Acq: 14 Sep 2018 03:21

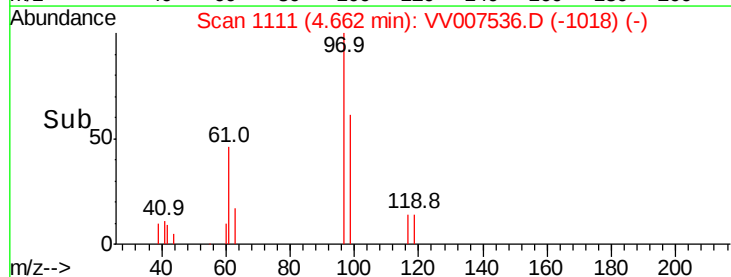
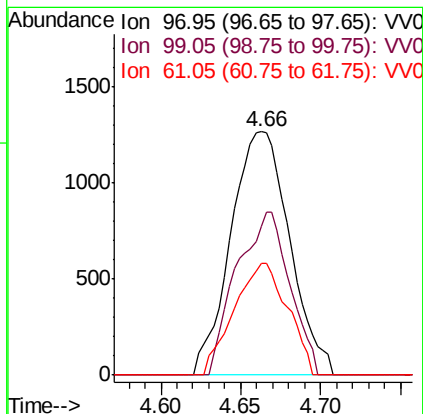
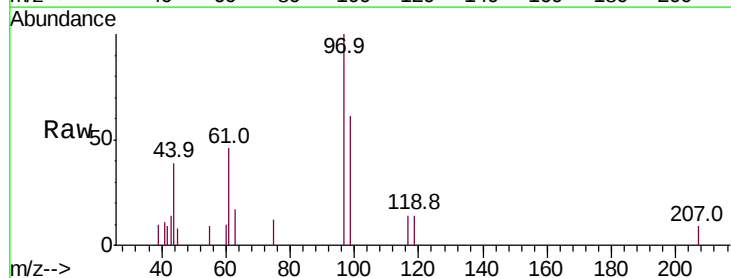
Instrument :
MSVOA_V
ClientSampled :

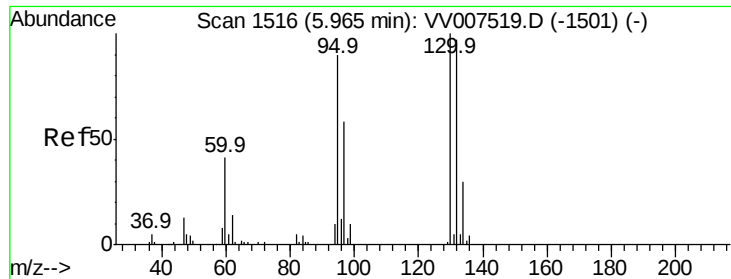
Tot Ion: 83 Resp: 9271
Ion Ratio Lower Upper
83 100
85 61.9 45.5 84.5



#29
1,1,1-Trichloroethane
Concen: 0.290 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV007536.D
Acq: 14 Sep 2018 03:21

Tgt Ion: 97 Resp: 3193
Ion Ratio Lower Upper
97 100
99 60.4 50.7 76.1
61 41.7 32.5 48.7





#34

Trichloroethene

Concen: 4.200 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VV007536.D

Acq: 14 Sep 2018 03:21

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 95 Resp: 30159

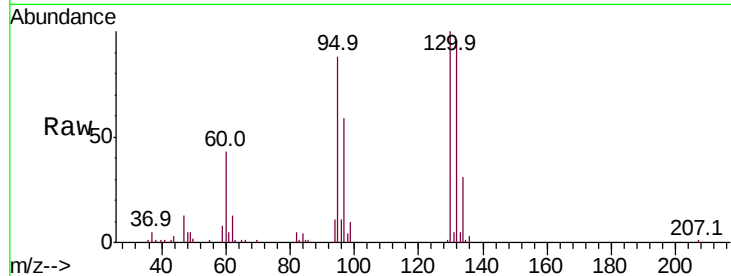
Ion Ratio Lower Upper

95 100

97 66.8 45.5 84.5

132 108.2 74.9 139.1

130 113.2 80.0 148.6

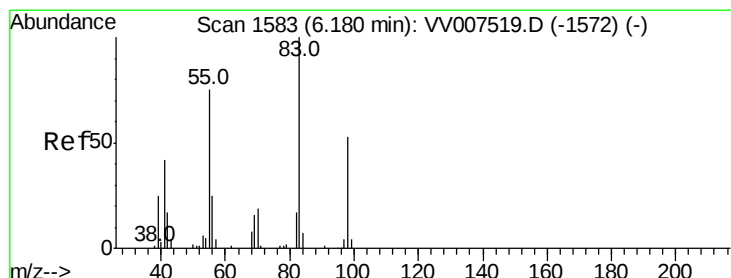
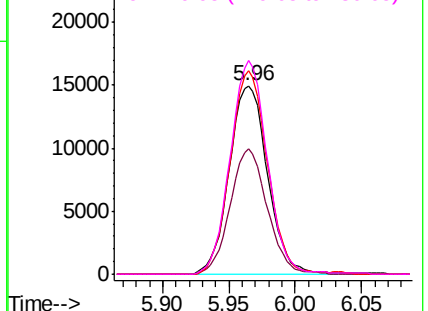
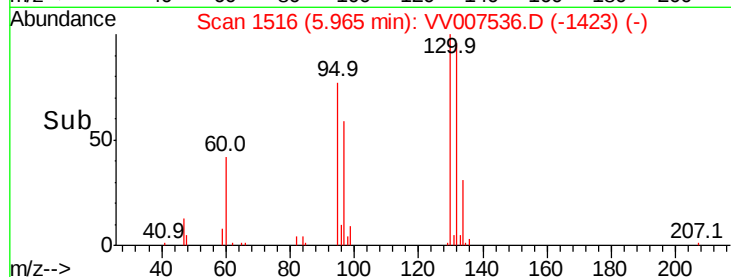


Abundance Ion 95.00 (94.70 to 95.70): VV007519.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007519.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007519.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007519.D (-1501) (-)



#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007536.D

Acq: 14 Sep 2018 03:21

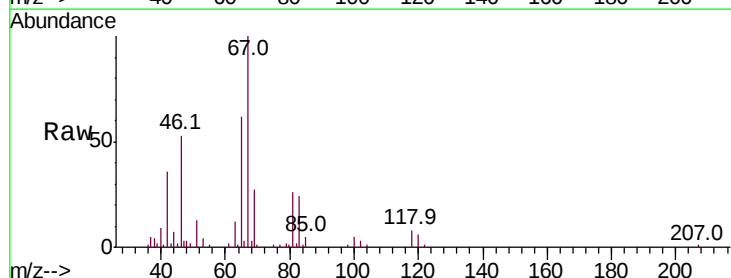
Tgt Ion: 83 Resp: 8667

Ion Ratio Lower Upper

83 100

55 4.1 55.0 82.4#

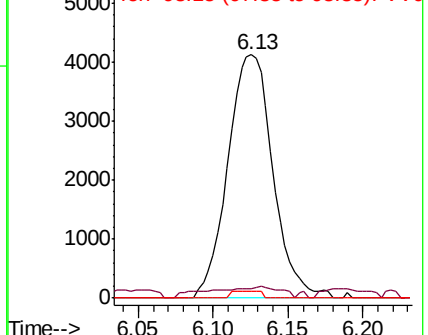
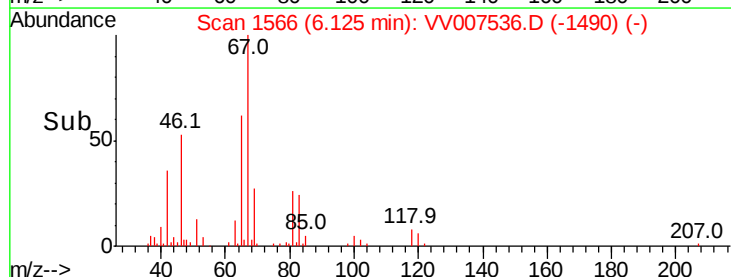
98 1.0 37.6 56.4#

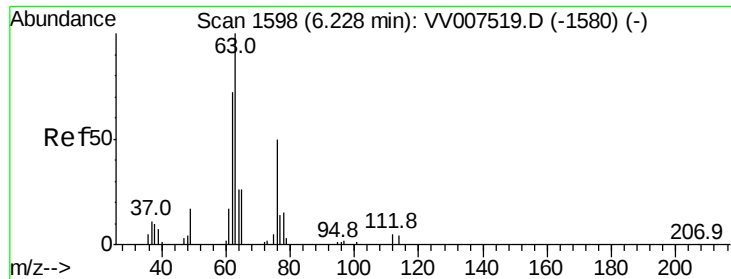


Abundance Ion 83.15 (82.85 to 83.85): VV007519.D (-1572) (-)

Ion 55.10 (54.80 to 55.80): VV007519.D (-1572) (-)

Ion 98.15 (97.85 to 98.85): VV007519.D (-1572) (-)





#37

1,2-Dichloropropane

Concen: 0.708 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007536.D

Acq: 14 Sep 2018 03:21

Instrument :

MSVOA_V

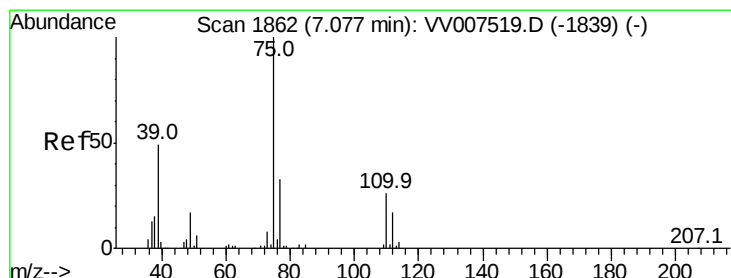
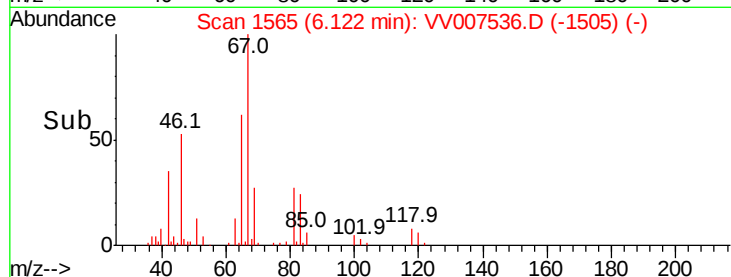
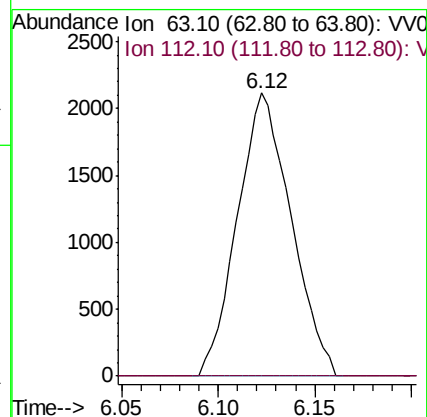
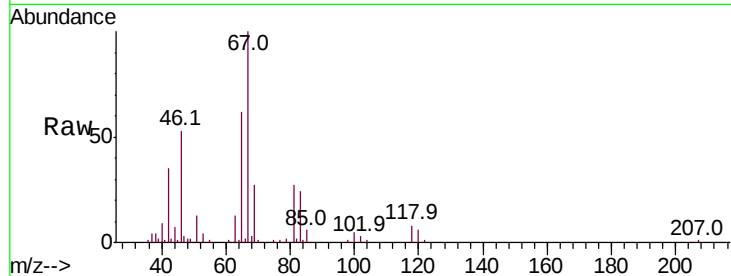
ClientSampleId :

Tot Ion: 63 Resp: 4082

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007536.D

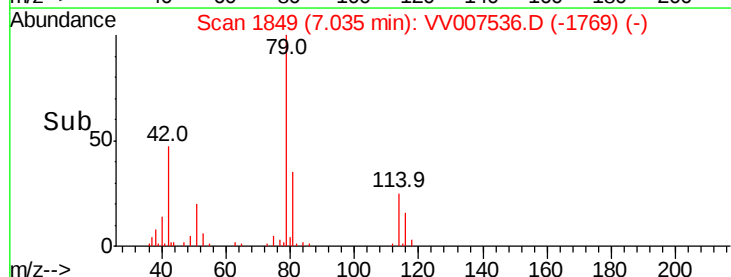
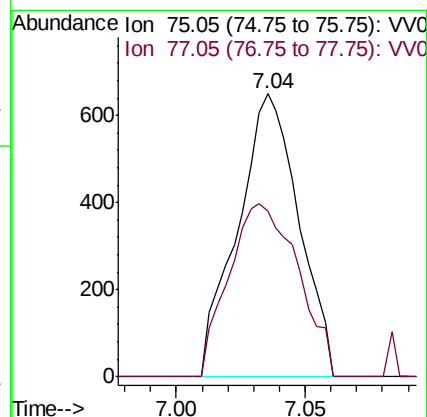
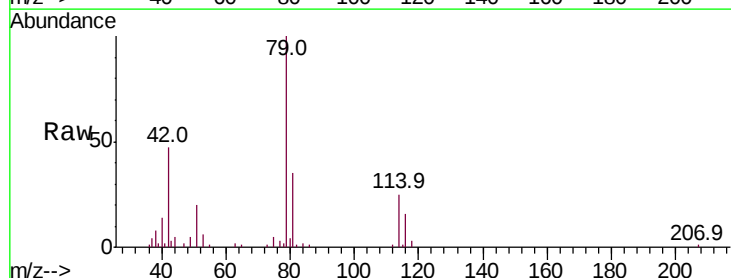
Acq: 14 Sep 2018 03:21

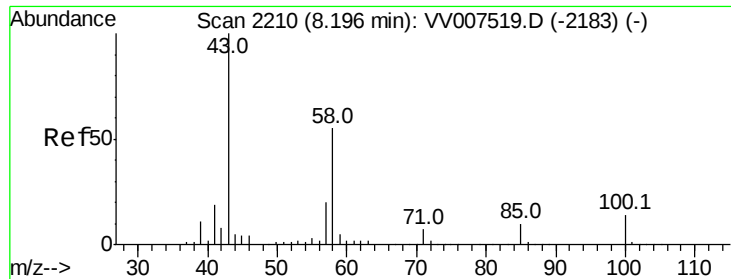
Tgt Ion: 75 Resp: 1077

Ion Ratio Lower Upper

75 100

77 58.6 22.0 41.0#

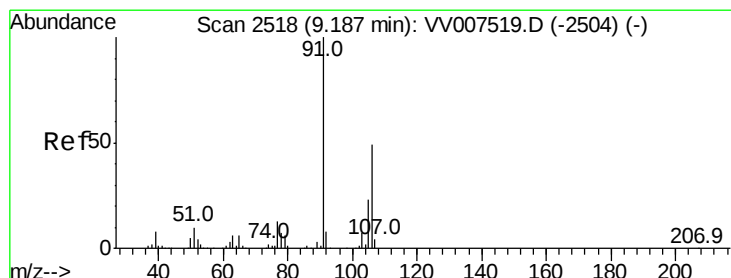
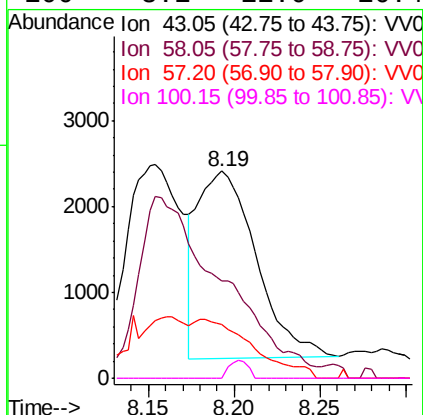
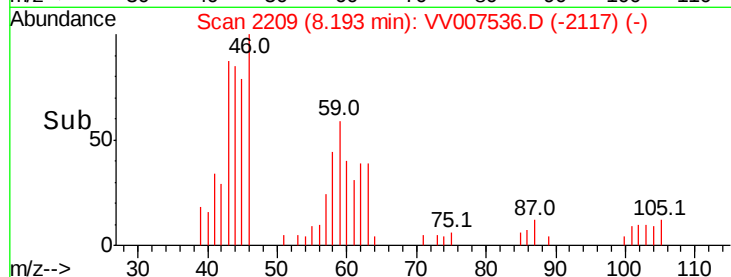
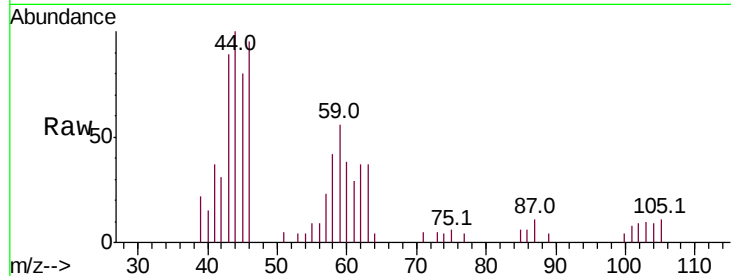




#48
2-Hexanone
Concen: 2.143 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV007536.D
Acq: 14 Sep 2018 03:21

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5183
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.6#
57 0.0 18.2 27.4#
100 3.1 11.0 16.4#



#53
m,p-xylene
Concen: 0.111 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VV007536.D
Acq: 14 Sep 2018 03:21

Tgt Ion: 106 Resp: 1313
Ion Ratio Lower Upper
106 100
91 191.7 137.2 254.8

