

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011328.D
 Acq On : 08 Jun 2019 19:49
 Operator : SY/MD
 Sample : K3276-05MS
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E2MS

Quant Time: Jun 09 00:13:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144140	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45983	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.57	69	38918	4.29	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.12	63	102110	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	3.95	46	117135	47.64	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.28%
24) Chloroform-d	4.40	84	87921	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	51405	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.09	84	181551	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	55759	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	162022	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	16310	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.14	63	88717	46.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36740	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	49294	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

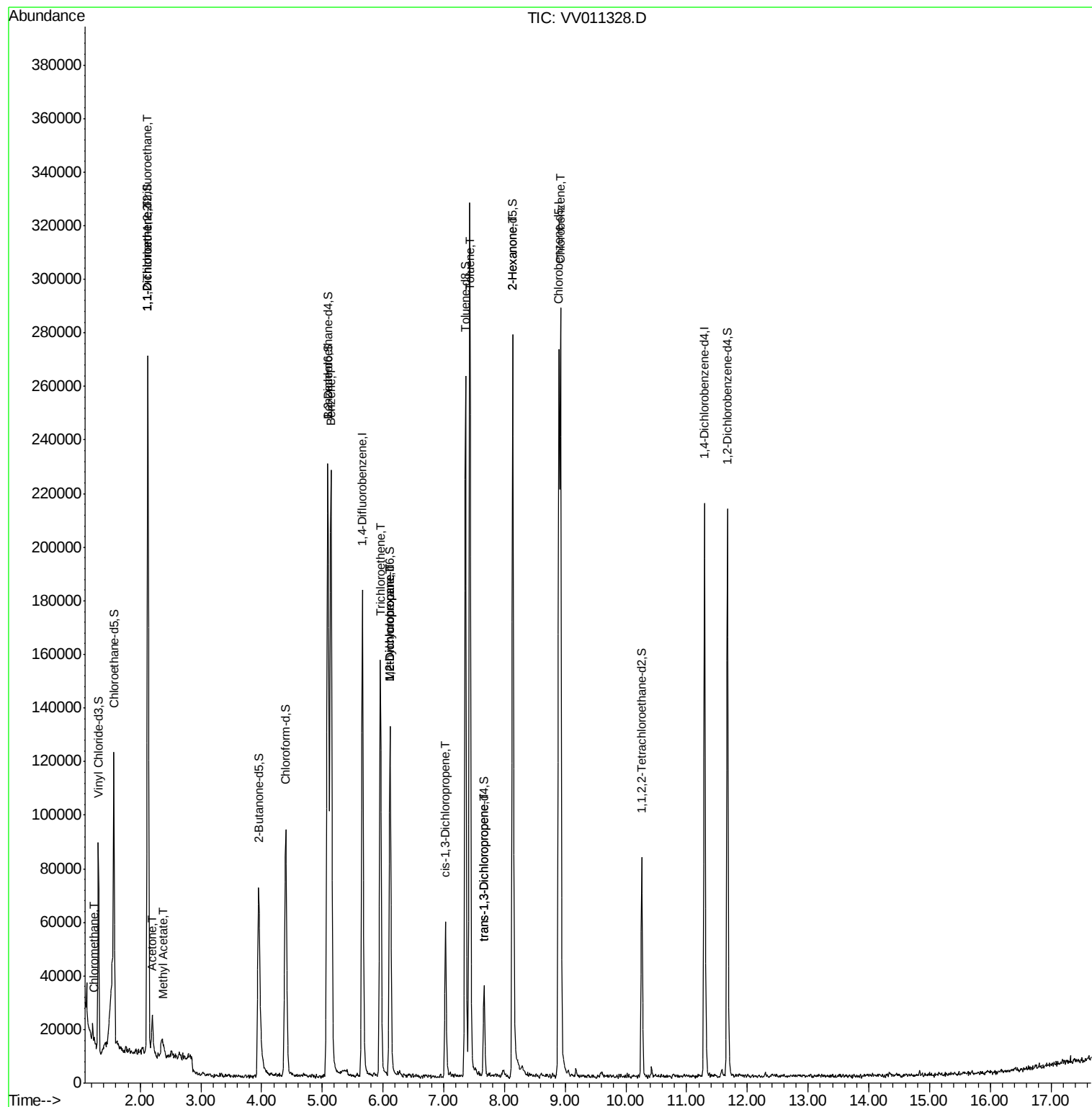
					Qvalue
3) Chloromethane	1.25	50	1829	0.133 ug/L #	77
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1029	0.110 ug/L #	35
12) 1,1-Dichloroethene	2.13	96	45354	4.994 ug/L	100
13) Acetone	2.20	43	8709	5.282 ug/L	90
15) Methyl Acetate	2.39	43	803	0.183 ug/L #	69
33) Benzene	5.14	78	210409	5.180 ug/L	100
34) Trichloroethene	5.96	95	51989	4.954 ug/L	97
35) Methylcyclohexane	6.12	83	13033	0.751 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7423	0.734 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1747	0.118 ug/L #	81
42) Toluene	7.43	91	220743	5.099 ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	1311	0.117 ug/L	85
48) 2-Hexanone	8.14	43	13159	2.931 ug/L #	73
51) Chlorobenzene	8.92	112	132976	5.037 ug/L	99

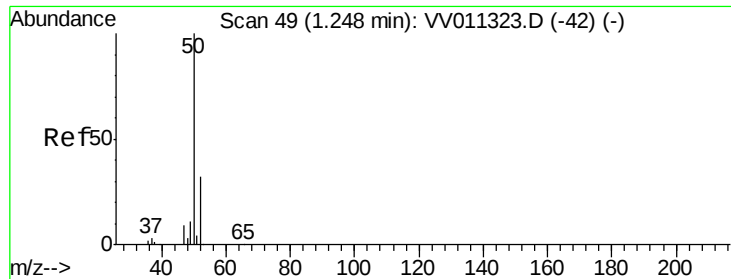
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 09 00:10:13 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.133 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011328.D

Acq: 08 Jun 2019 19:49

Instrument :

MSVOA_V

ClientSampleId :

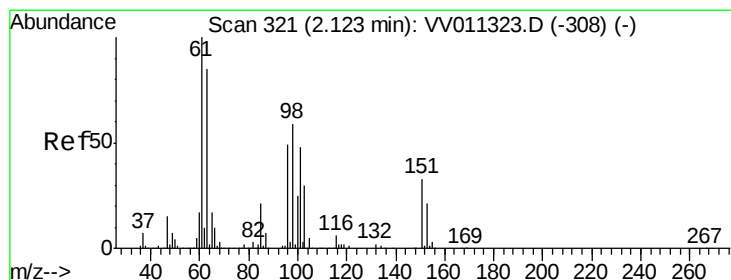
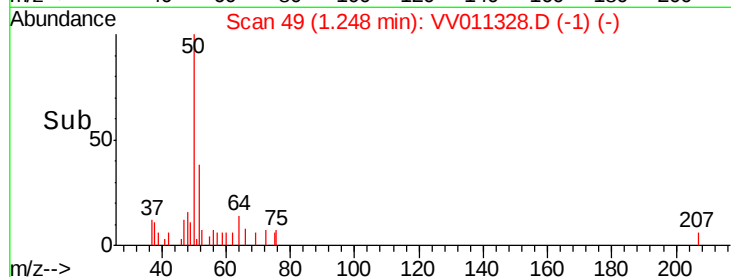
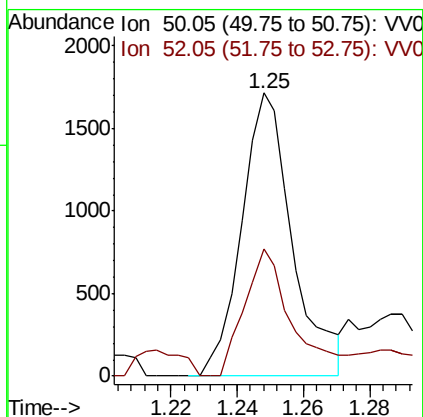
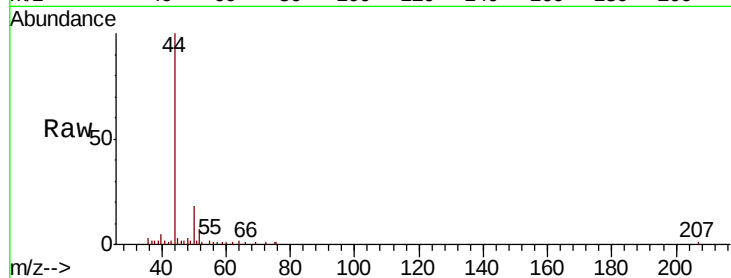
DB8E2MS

Tgt Ion: 50 Resp: 1829

Ion Ratio Lower Upper

50 100

52 44.9 22.3 41.5#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.110 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011328.D

Acq: 08 Jun 2019 19:49

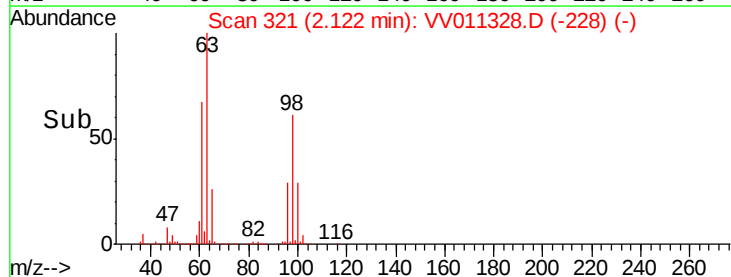
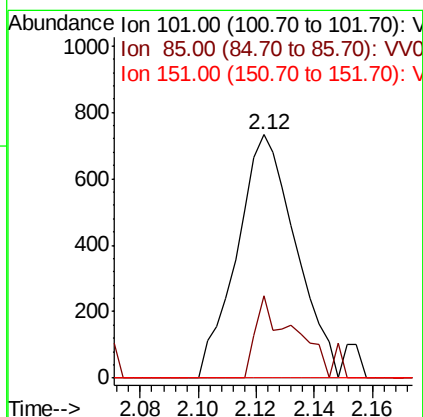
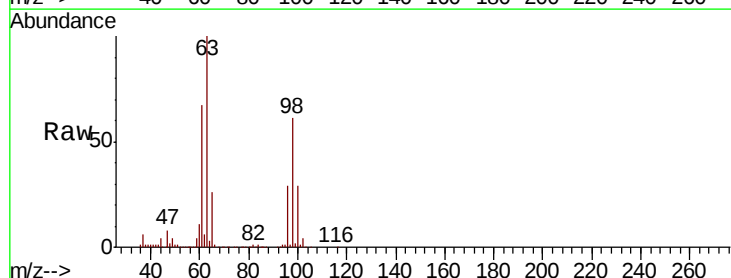
Tgt Ion: 101 Resp: 1029

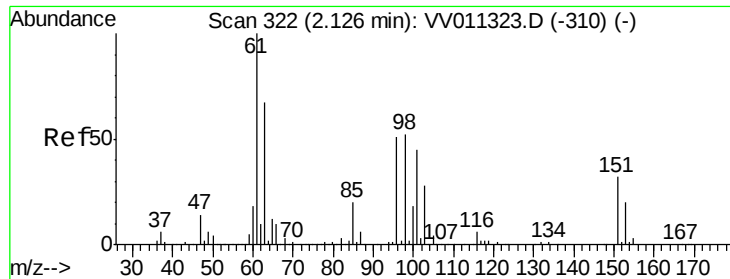
Ion Ratio Lower Upper

101 100

85 23.9 35.5 53.3#

151 0.0 56.9 85.3#

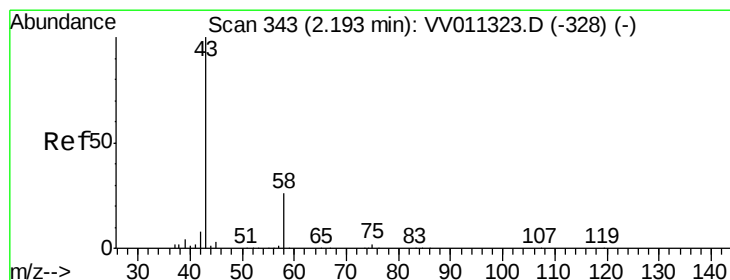
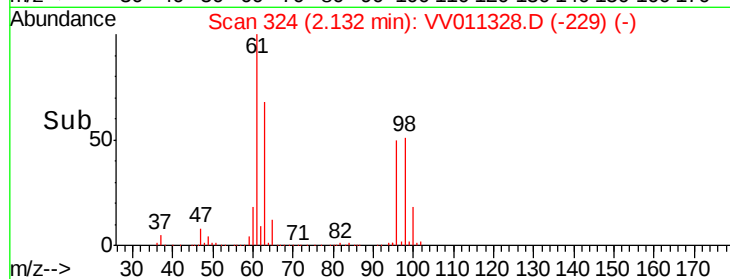
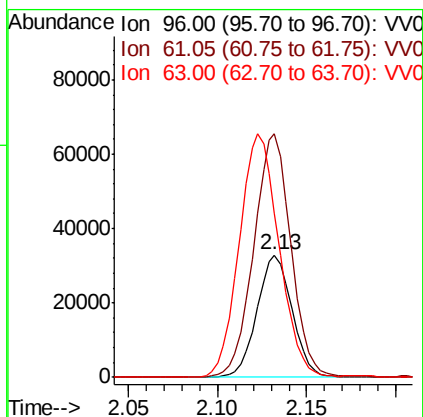
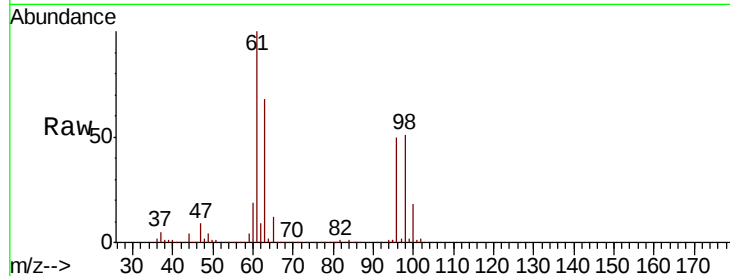




#12
 1,1-Dichloroethene
 Concen: 4.994 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: VV011328.D
 Acq: 08 Jun 2019 19:49

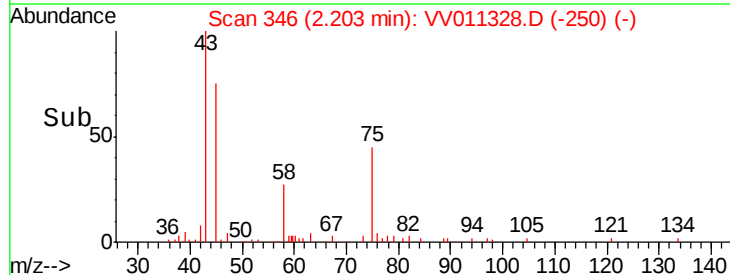
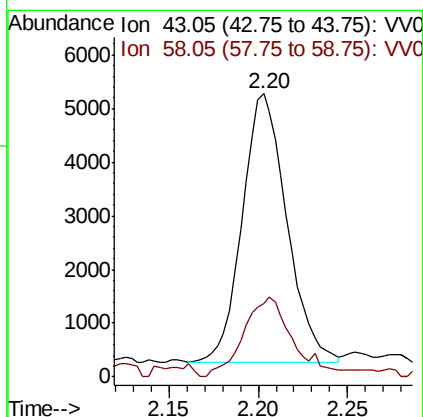
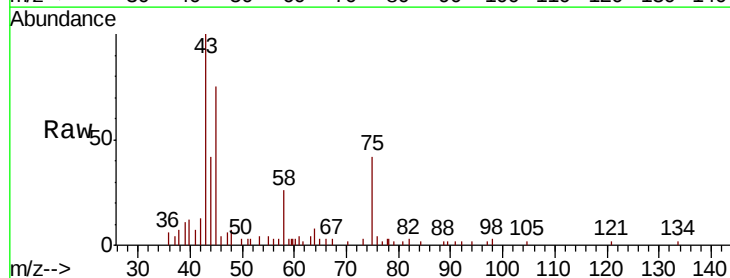
Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E2MS

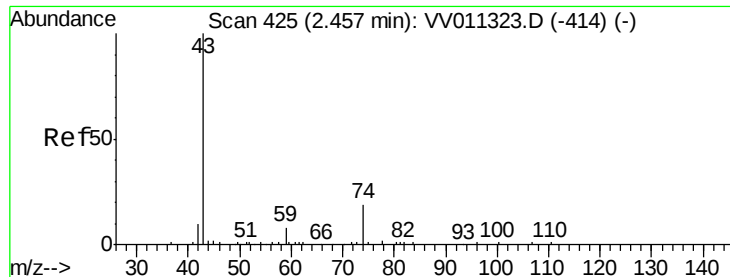
Tgt Ion: 96 Resp: 45354
 Ion Ratio Lower Upper
 96 100
 61 199.3 139.8 259.6
 63 134.8 94.3 175.1



#13
 Acetone
 Concen: 5.282 ug/L
 RT: 2.20 min Scan# 346
 Delta R.T. 0.01 min
 Lab File: VV011328.D
 Acq: 08 Jun 2019 19:49

Tgt Ion: 43 Resp: 8709
 Ion Ratio Lower Upper
 43 100
 58 32.7 0.0 55.2





#15

Methyl Acetate

Concen: 0.183 ug/L

RT: 2.39 min Scan# 403

Delta R.T. -0.07 min

Lab File: VV011328.D

Acq: 08 Jun 2019 19:49

Instrument :

MSVOA_V

ClientSampled :

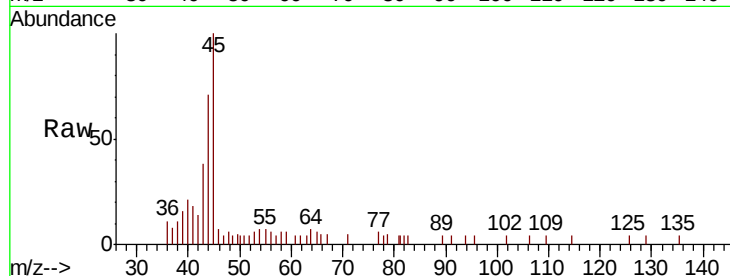
DB8E2MS

Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

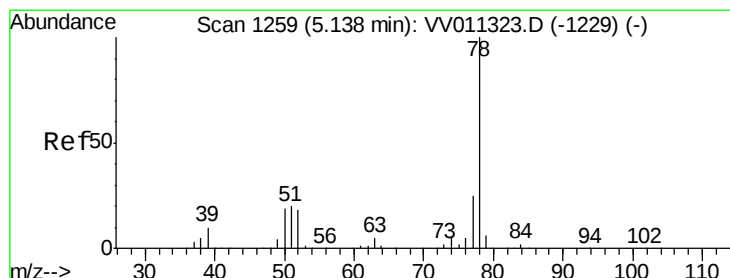
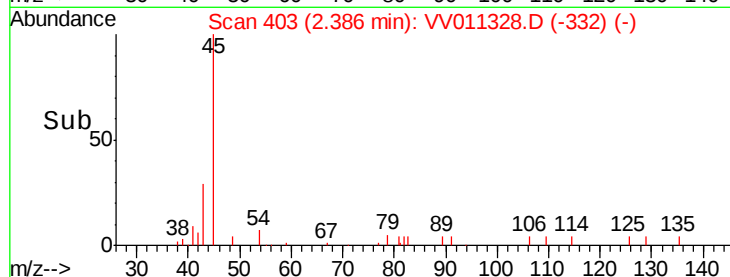
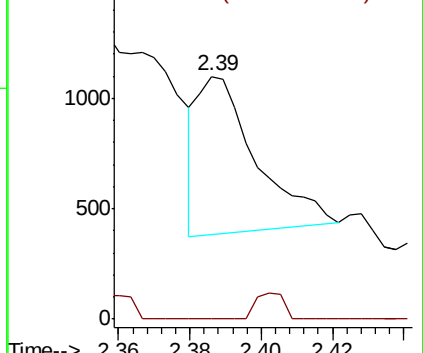
43 100

74 8.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV011323.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VV011323.D (-414) (-)



#33

Benzene

Concen: 5.180 ug/L

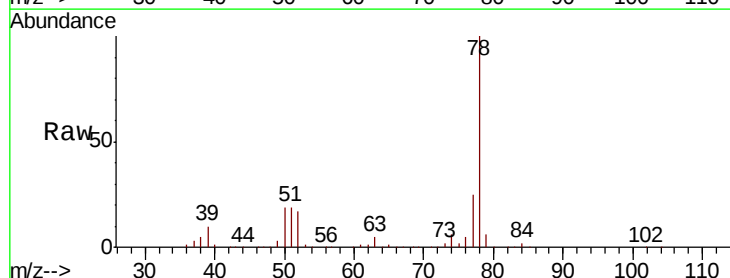
RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV011328.D

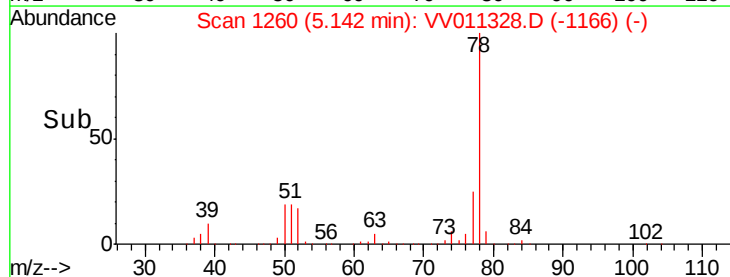
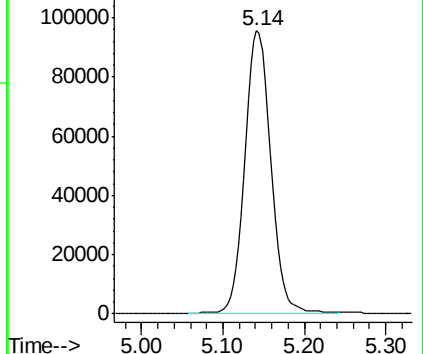
Acq: 08 Jun 2019 19:49

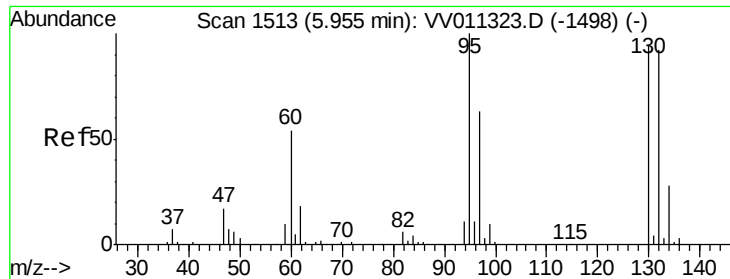
Tgt Ion: 78 Resp: 210409



Abundance Ion 78.10 (77.80 to 78.80): VV011328.D (-1166) (-)

Ion 78.10 (77.80 to 78.80): VV011328.D (-1166) (-)





#34

Trichloroethene

Concen: 4.954 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011328.D

Acq: 08 Jun 2019 19:49

Instrument :

MSVOA_V

ClientSampleId :

DB8E2MS

Tgt Ion: 95 Resp: 51989

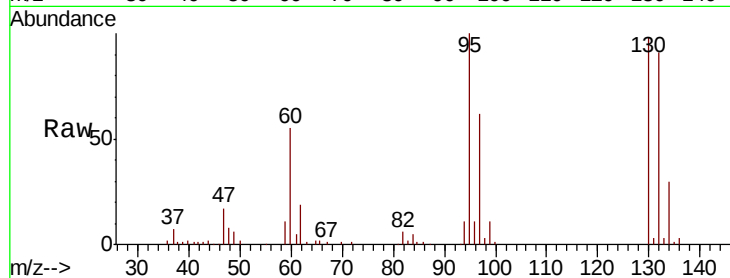
Ion Ratio Lower Upper

95 100

97 62.2 45.8 85.2

132 91.2 66.4 123.2

130 98.0 68.3 126.8

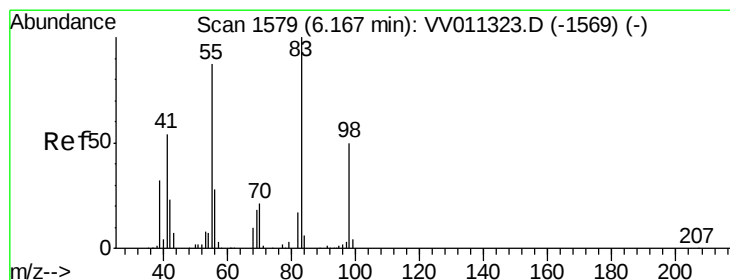
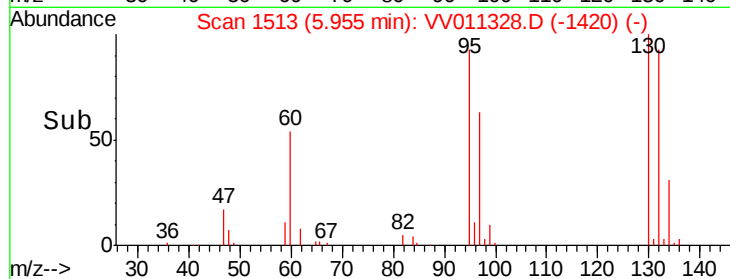
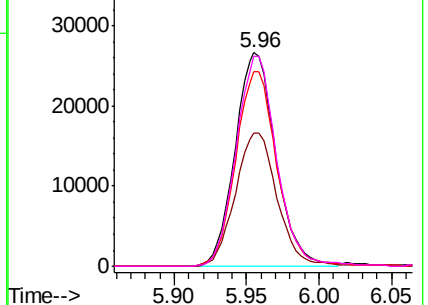


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.751 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011328.D

Acq: 08 Jun 2019 19:49

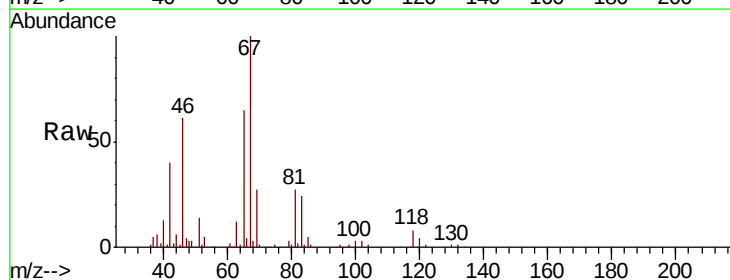
Tgt Ion: 83 Resp: 13033

Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

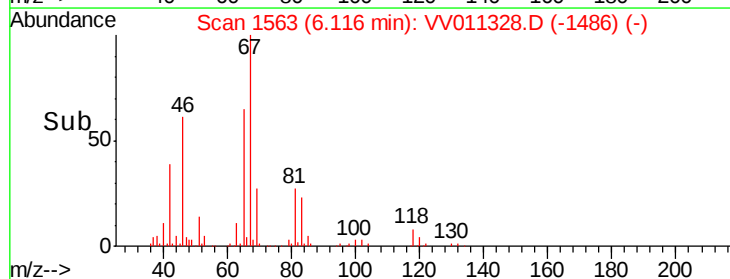
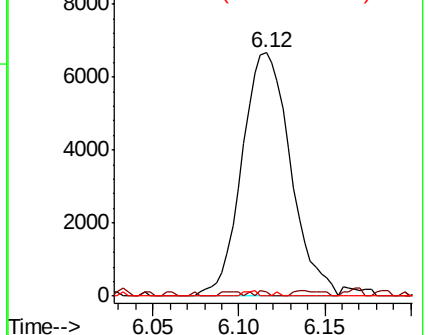
98 0.0 40.0 60.0#

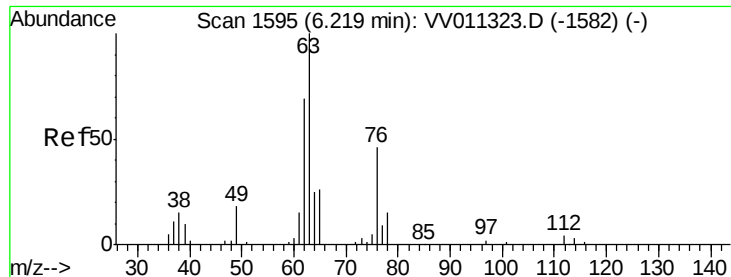


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

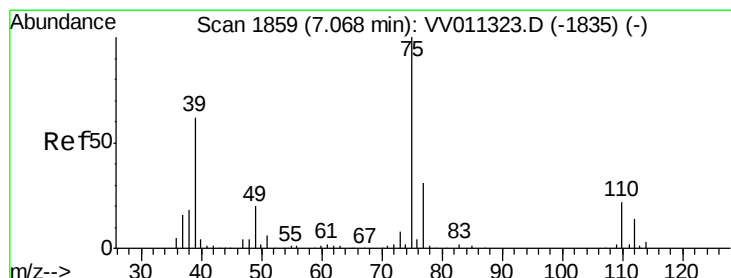
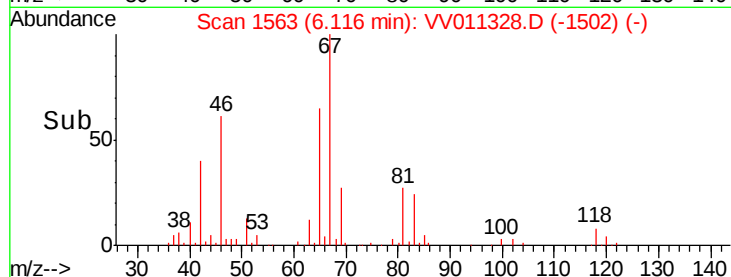
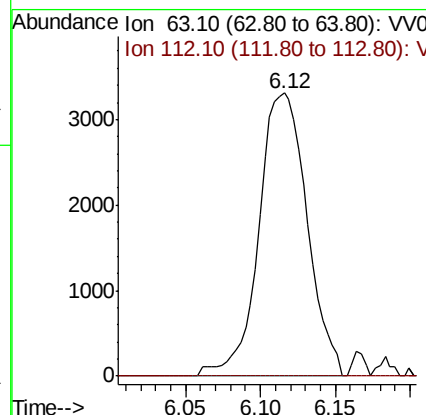
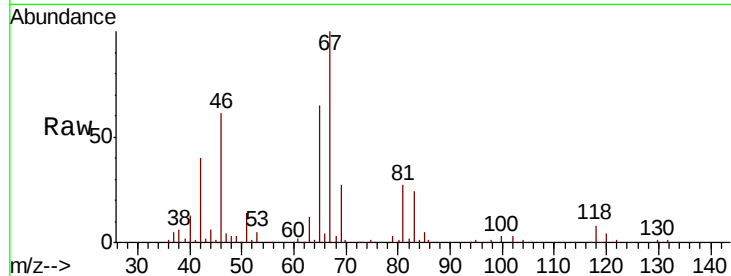




#37
 1,2-Dichloropropane
 Concen: 0.734 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011328.D
 Acq: 08 Jun 2019 19:49

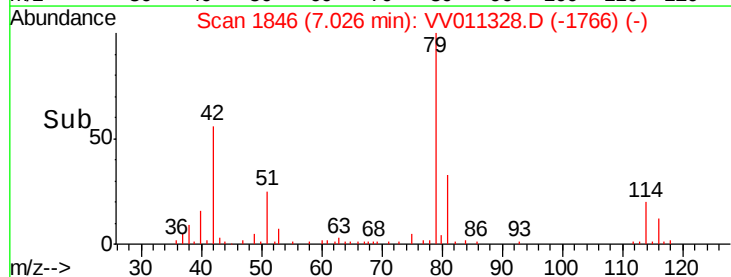
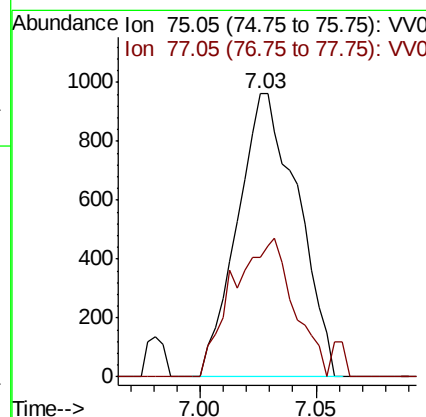
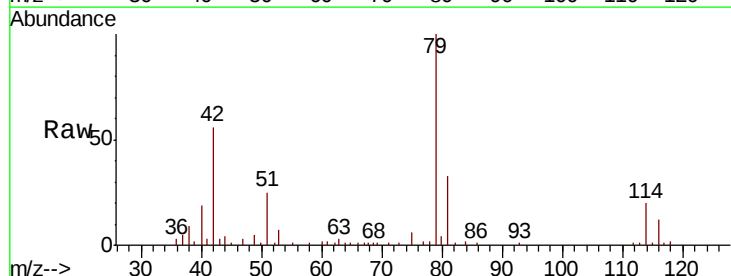
Instrument :
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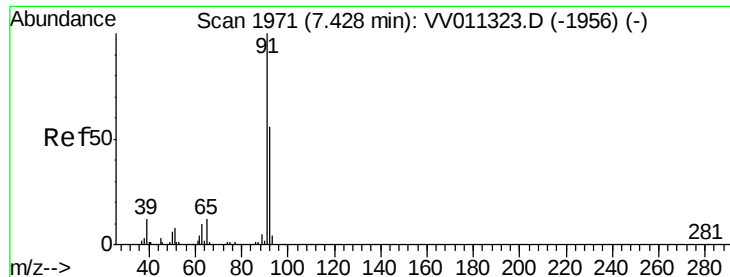
Tgt Ion: 63 Resp: 7423
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011328.D
 Acq: 08 Jun 2019 19:49

Tgt Ion: 75 Resp: 1747
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.2 41.2#





#42

Toluene

Concen: 5.099 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV011328.D

Acq: 08 Jun 2019 19:49

Instrument :

MSVOA_V

ClientSampleId :

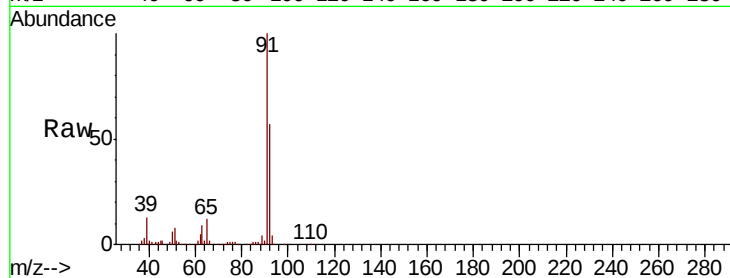
DB8E2MS

Tgt Ion: 91 Resp: 220743

Ion Ratio Lower Upper

91 100

92 56.7 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

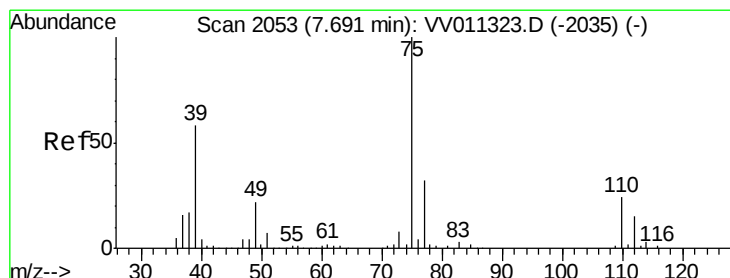
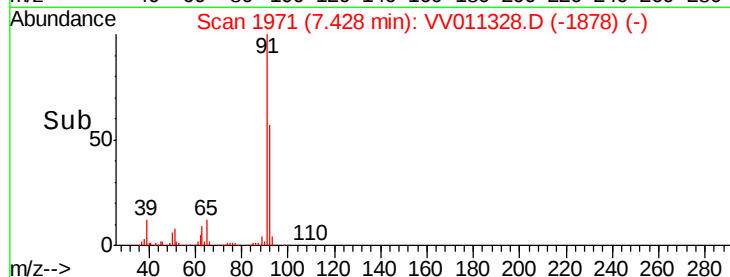
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011328.D

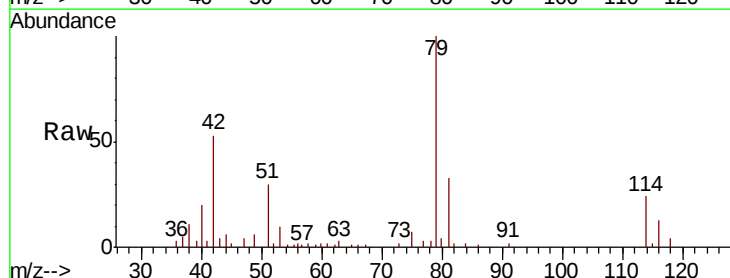
Acq: 08 Jun 2019 19:49

Tgt Ion: 75 Resp: 1311

Ion Ratio Lower Upper

75 100

77 41.3 23.1 42.9



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

800

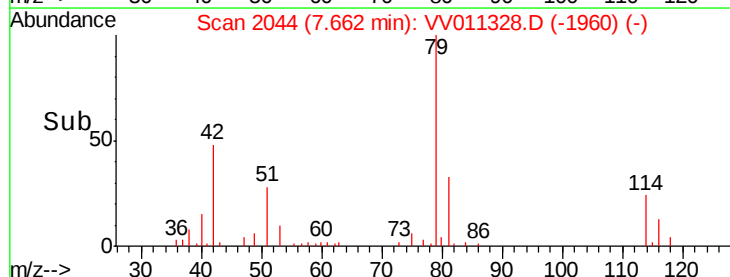
600

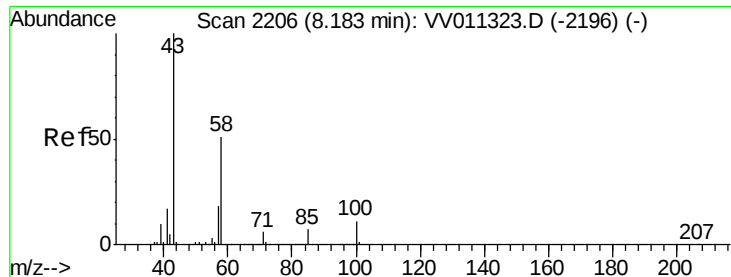
400

200

0

Time-->

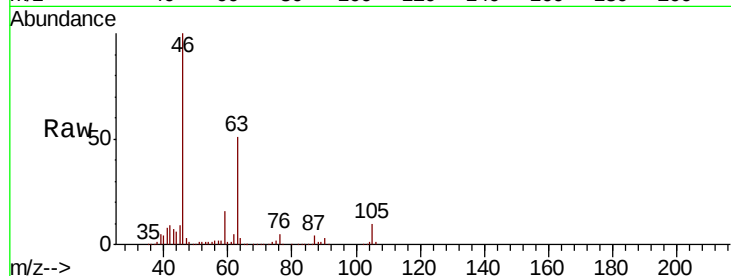




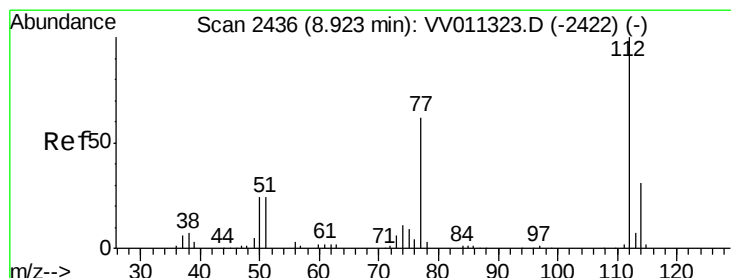
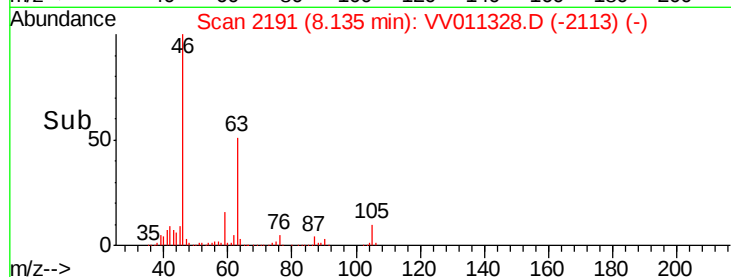
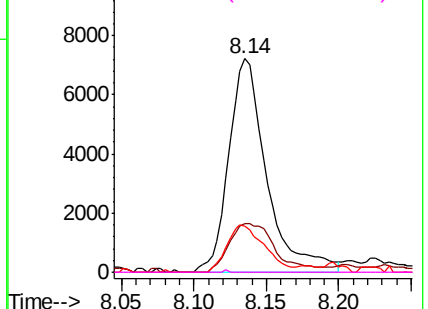
#48
2-Hexanone
Concen: 2.931 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011328.D
Acq: 08 Jun 2019 19:49

Instrument :
MSVOA_V
ClientSampleId :
DB8E2MS

Tgt Ion: 43 Resp: 13159
Ion Ratio Lower Upper
43 100
58 27.8 41.4 62.0#
57 21.7 15.0 22.4
100 0.1 9.0 13.4#

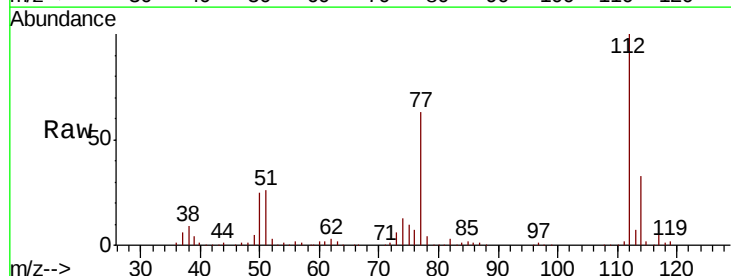


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#51
Chlorobenzene
Concen: 5.037 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV011328.D
Acq: 08 Jun 2019 19:49

Tgt Ion: 112 Resp: 132976
Ion Ratio Lower Upper
112 100
114 33.0 22.6 42.0
77 63.2 50.1 75.1



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0

