

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007495.D
 Acq On : 13 Sep 2018 00:29
 Operator : SY/MD
 Sample : J4871-17
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KN2

Quant Time: Sep 13 03:19:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 02:33:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	124557	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113698	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34750	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	26252	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	54294	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.96	46	64203	44.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.46%
24) Chloroform-d	4.41	84	63162	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	34275	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	127972	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.13	67	38587	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	128112	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	18274	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	36135	39.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26473	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	52273	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

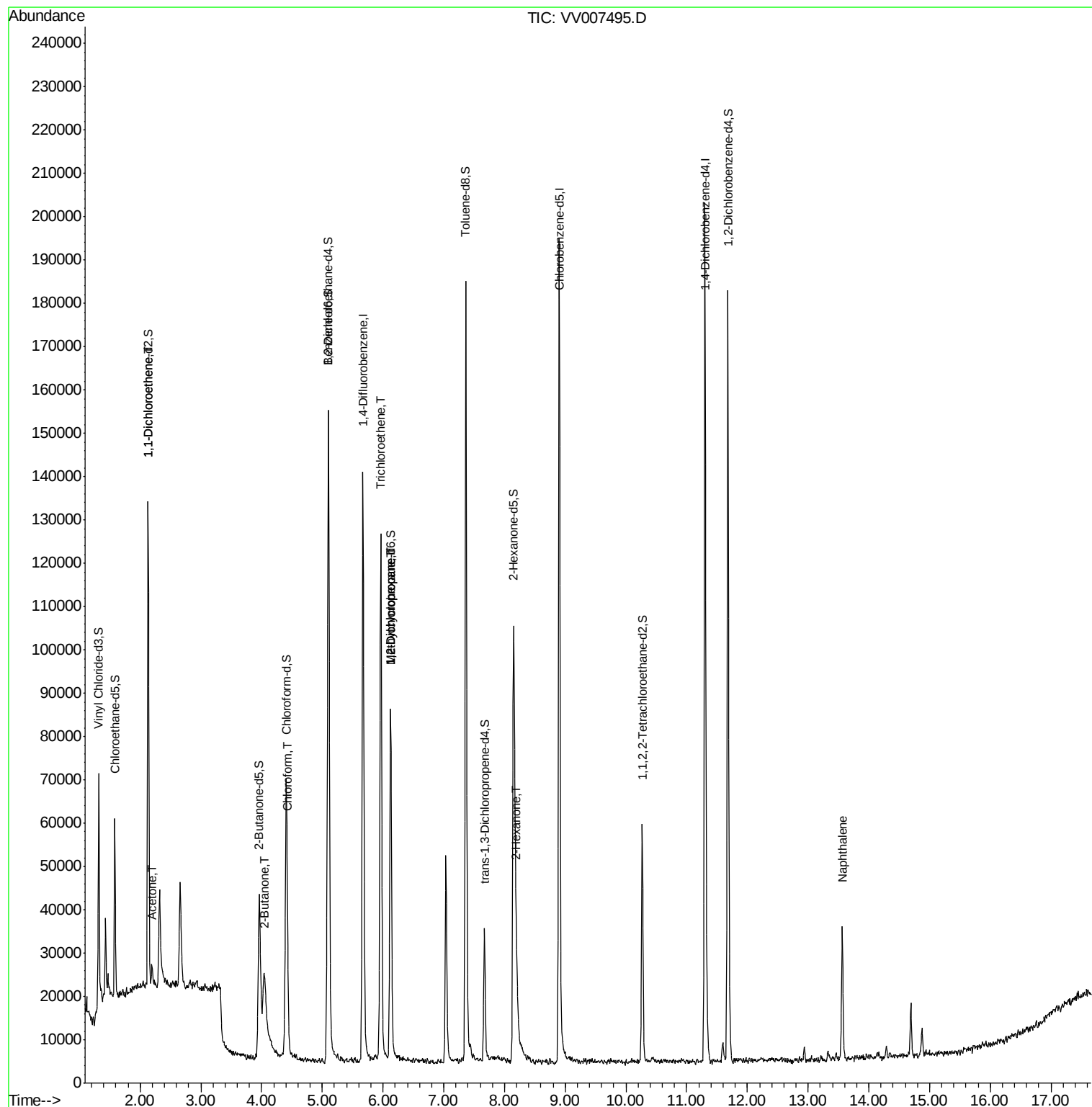
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	2758	0.429	ug/L #	1
13) Acetone	2.20	43	3587	4.281	ug/L	83
21) 2-Butanone	4.05	43	2887	2.120	ug/L #	68
25) Chloroform	4.43	83	2893	0.250	ug/L	86
34) Trichloroethene	5.96	95	40905	5.469	ug/L	94
35) Methylcyclohexane	6.13	83	10044	0.866	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	4639	0.739	ug/L #	86
48) 2-Hexanone	8.20	43	8089	3.107	ug/L #	38
69) Naphthalene	13.56	128	25025	1.833	ug/L	100

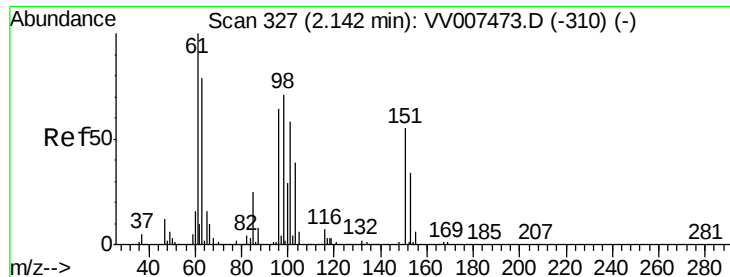
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.429 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV007495.D

Acq: 13 Sep 2018 00:29

Instrument :

MSVOA_V

ClientSampleId :

C0KN2

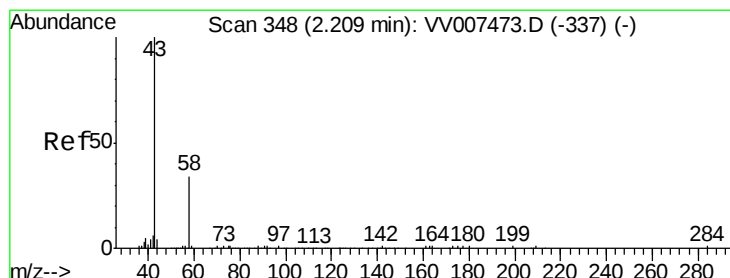
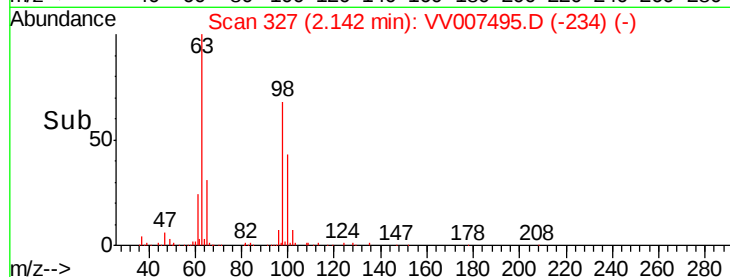
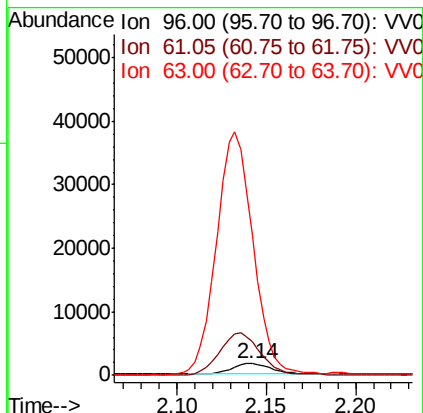
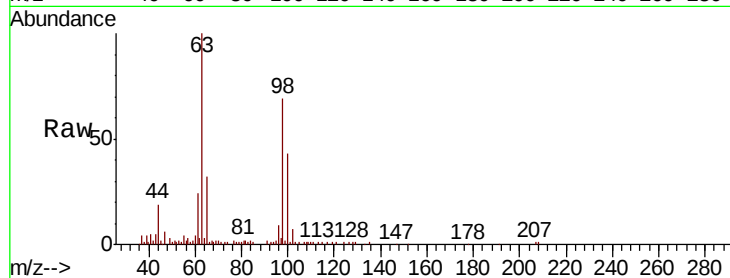
Tot Ion: 96 Resp: 2758

Ion Ratio Lower Upper

96 100

61 281.4 108.0 200.6#

63 1173.5 85.7 159.1#



#13

Acetone

Concen: 4.281 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV007495.D

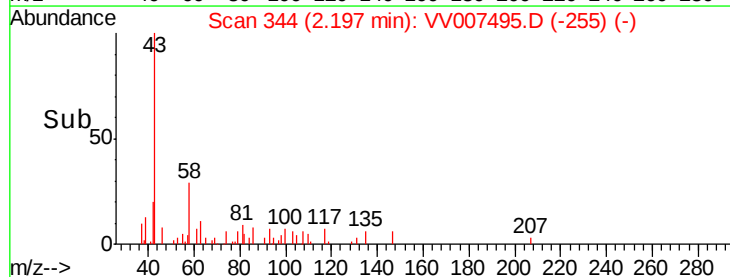
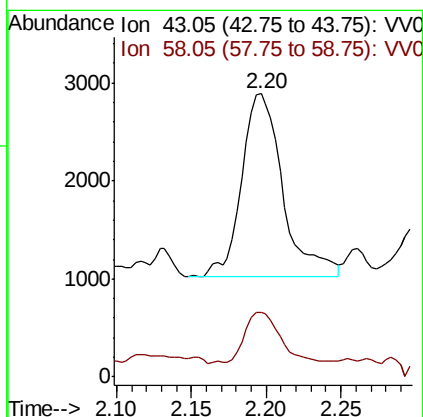
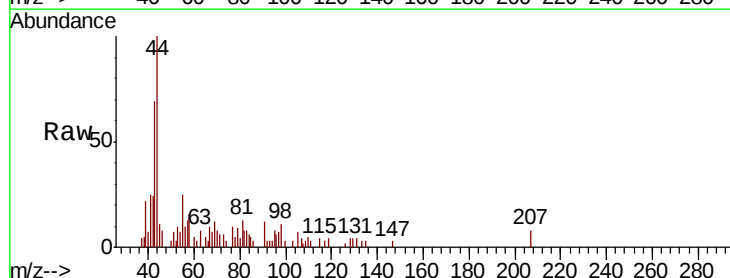
Acq: 13 Sep 2018 00:29

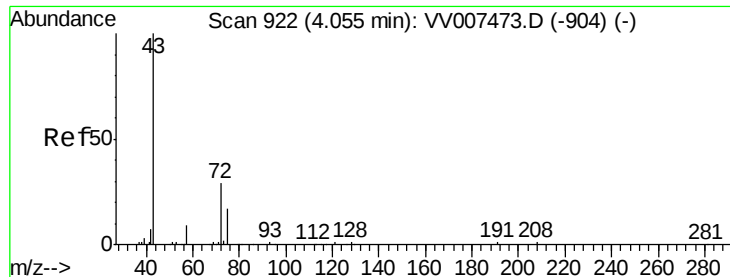
Tgt Ion: 43 Resp: 3587

Ion Ratio Lower Upper

43 100

58 23.0 0.0 65.4





#21

2-Butanone

Concen: 2.120 ug/L

RT: 4.05 min Scan# 920

Delta R.T. -0.01 min

Lab File: VV007495.D

Acq: 13 Sep 2018 00:29

Instrument :

MSVOA_V

ClientSampled :

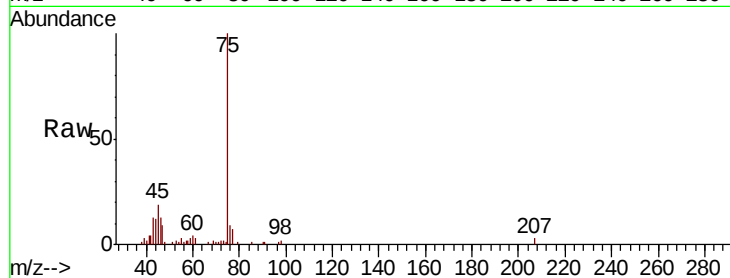
C0KN2

Tot Ion: 43 Resp: 2887

Ion Ratio Lower Upper

43 100

72 12.2 14.8 44.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.05

1500

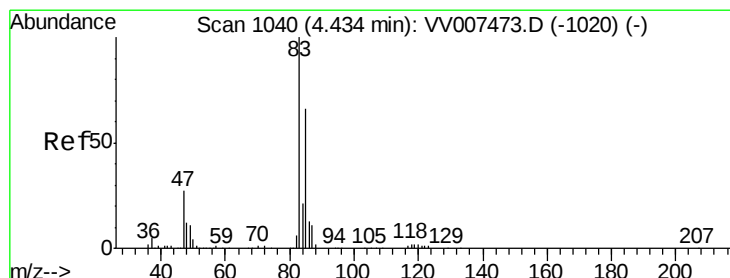
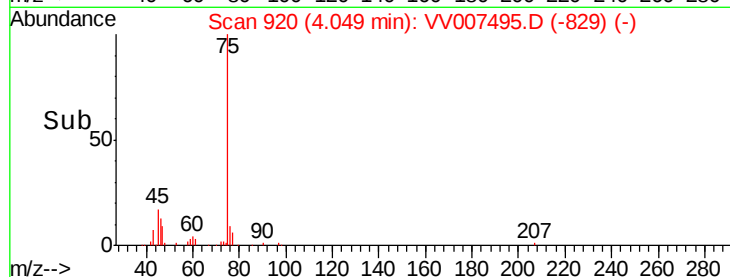
1000

500

0

4.00 4.05 4.10 4.15

Time-->



#25

Chloroform

Concen: 0.250 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007495.D

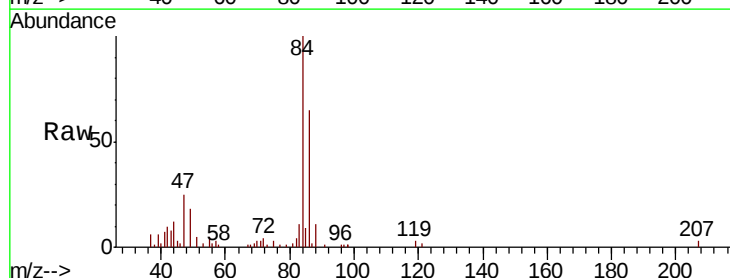
Acq: 13 Sep 2018 00:29

Tgt Ion: 83 Resp: 2893

Ion Ratio Lower Upper

83 100

85 77.7 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.43

1200

1000

800

600

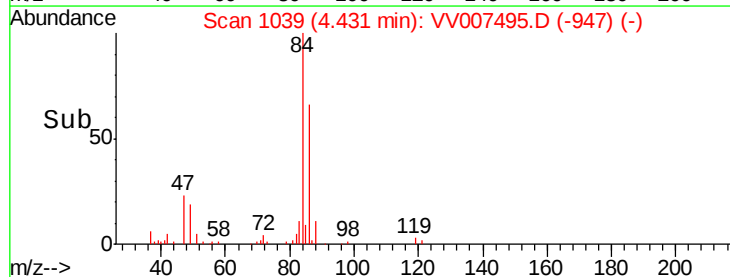
400

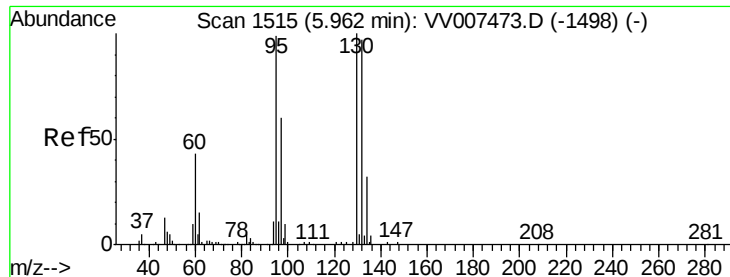
200

0

4.35 4.40 4.45 4.50

Time-->





#34

Trichloroethene

Concen: 5.469 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007495.D

Acq: 13 Sep 2018 00:29

Instrument :

MSVOA_V

ClientSampleId :

C0KN2

Tot Ion: 95 Resp: 40905

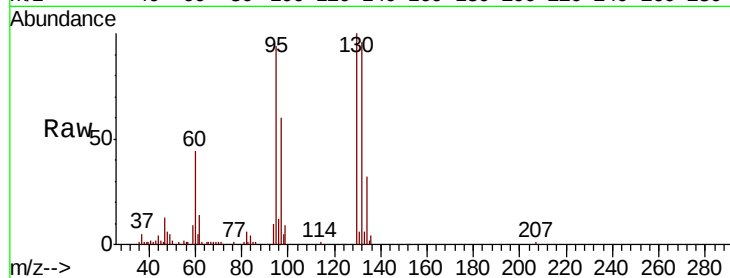
Ion Ratio Lower Upper

95 100

97 64.4 42.8 79.4

132 101.8 67.6 125.6

130 106.6 69.6 129.2

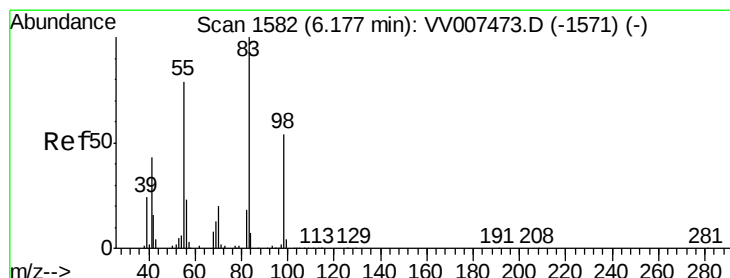
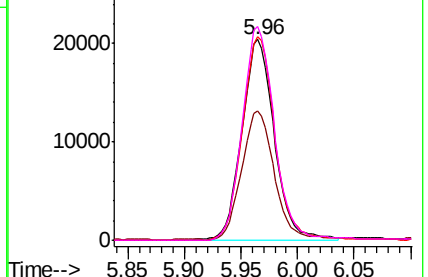
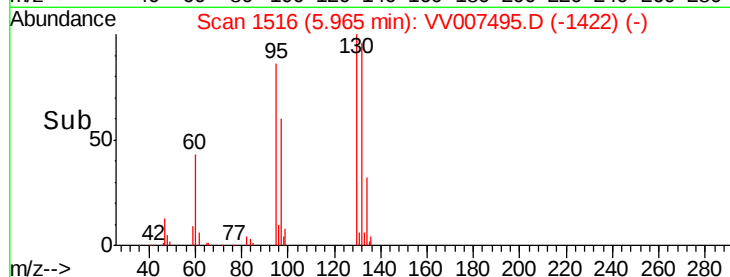


Abundance Ion 95.00 (94.70 to 95.70): VV007495.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV007495.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV007495.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV007495.D (-1422) (-)



#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007495.D

Acq: 13 Sep 2018 00:29

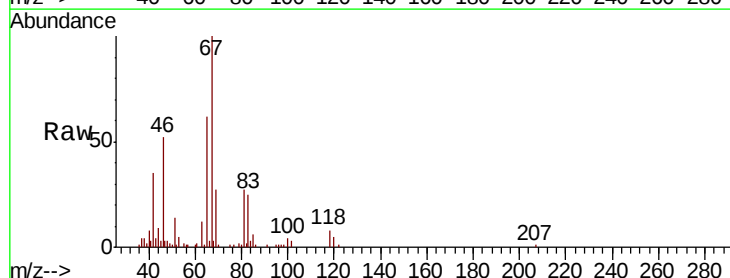
Tgt Ion: 83 Resp: 10044

Ion Ratio Lower Upper

83 100

55 1.9 57.4 86.0#

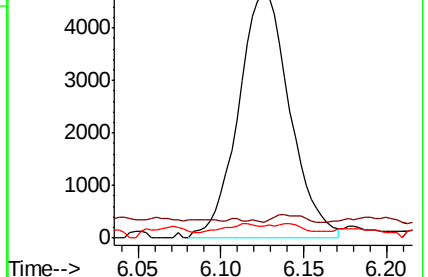
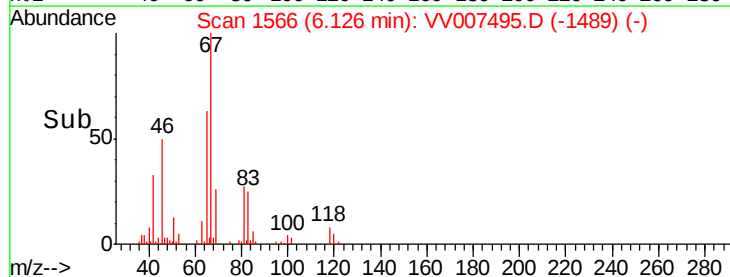
98 0.0 38.8 58.2#

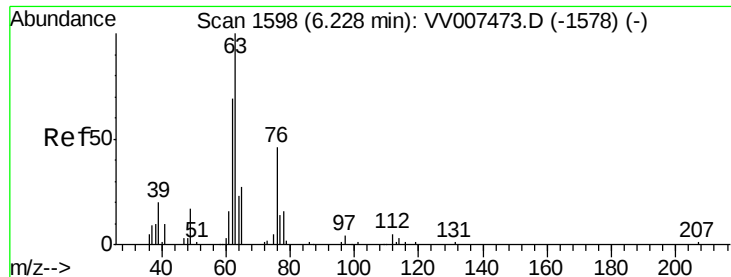


Abundance Ion 83.15 (82.85 to 83.85): VV007495.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV007495.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV007495.D (-1489) (-)





#37

1,2-Dichloropropane

Concen: 0.739 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007495.D

Acq: 13 Sep 2018 00:29

Instrument :

MSVOA_V

ClientSampleId :

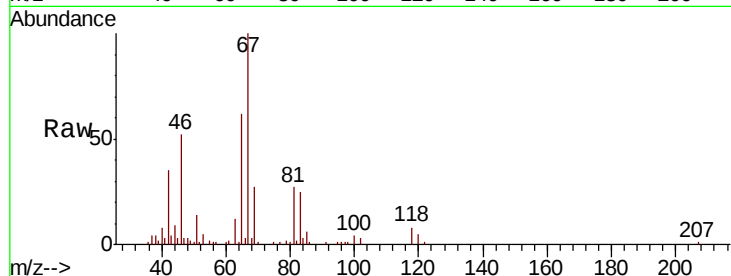
C0KN2

Tot Ion: 63 Resp: 4639

Ion Ratio Lower Upper

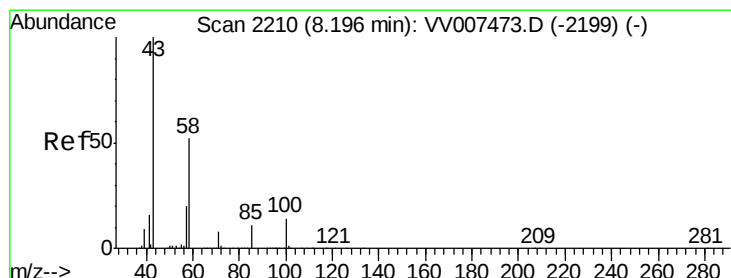
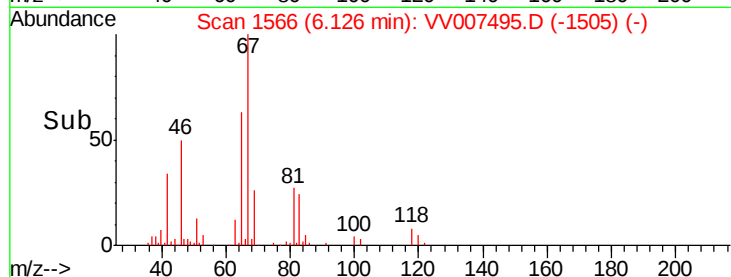
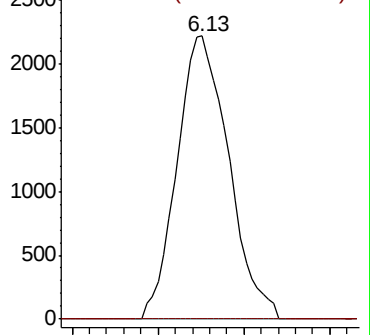
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 3.107 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.00 min

Lab File: VV007495.D

Acq: 13 Sep 2018 00:29

Tgt Ion: 43 Resp: 8089

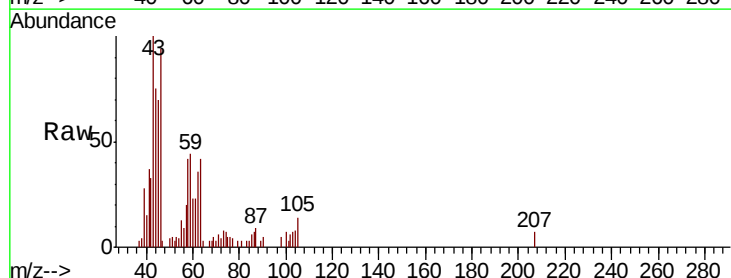
Ion Ratio Lower Upper

43 100

58 0.0 47.9 71.9#

57 2.8 16.2 24.2#

100 5.9 11.0 16.4#

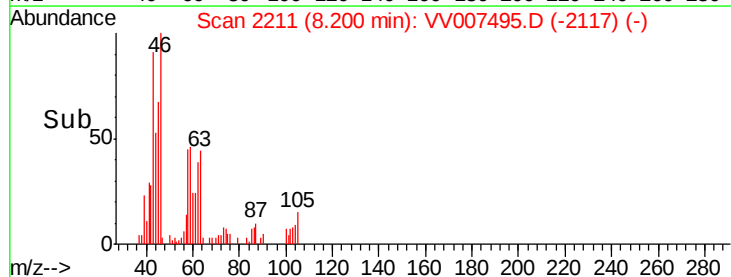
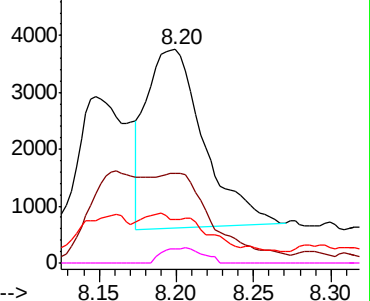


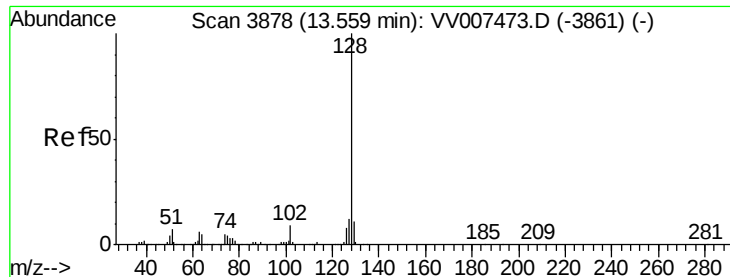
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#69

Naphthalene

Concen: 1.833 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

C0KN2

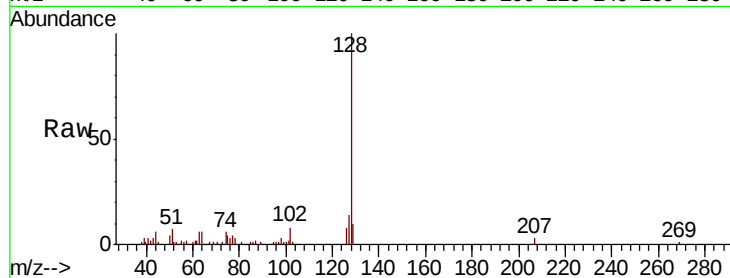
Tot Ion:128 Resp: 25025

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

