

Data File : VV011935.D
Acq On : 18 Jul 2019 15:52
Operator : SY/MD
Sample : K3823-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52Q2

Quant Time: Jul 19 05:46:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 19 05:34:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159807	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38789	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.59	69	31762	3.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.40%
11) 1,1-Dichloroethene-d2	2.13	63	57693	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.94	46	134180	45.27	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.54%
24) Chloroform-d	4.40	84	110950	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	59785	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	222563	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	69861	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	194567	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	23103	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.13	63	94357	45.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39852	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	76373	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

					Qvalue
3) Chloromethane	1.26	50	1523	0.096 ug/L	88
5) Vinyl chloride	1.32	62	1732	0.114 ug/L #	34
13) Acetone	2.19	43	8978	5.968 ug/L	96
15) Methyl Acetate	2.19	43	7845	2.453 ug/L #	53
22) cis-1,2-Dichloroethene	3.97	96	36986	3.000 ug/L	91
25) Chloroform	4.43	83	2769	0.114 ug/L #	68
34) Trichloroethene	5.96	95	8885	0.655 ug/L	95
35) Methylcyclohexane	6.12	83	17180	0.835 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8427	0.707 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1846	0.113 ug/L #	80
42) Toluene	7.43	91	8695	0.170 ug/L	92
48) 2-Hexanone	8.19	43	8376	1.634 ug/L #	91
65) 1,2-Dichlorobenzene	11.69	146	2656	0.125 ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.44	75	2433	2.013 ug/L #	3
69) Naphthalene	13.56	128	2426	0.112 ug/L #	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071819\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 19 05:34:55 2019
Response via : Initial Calibration

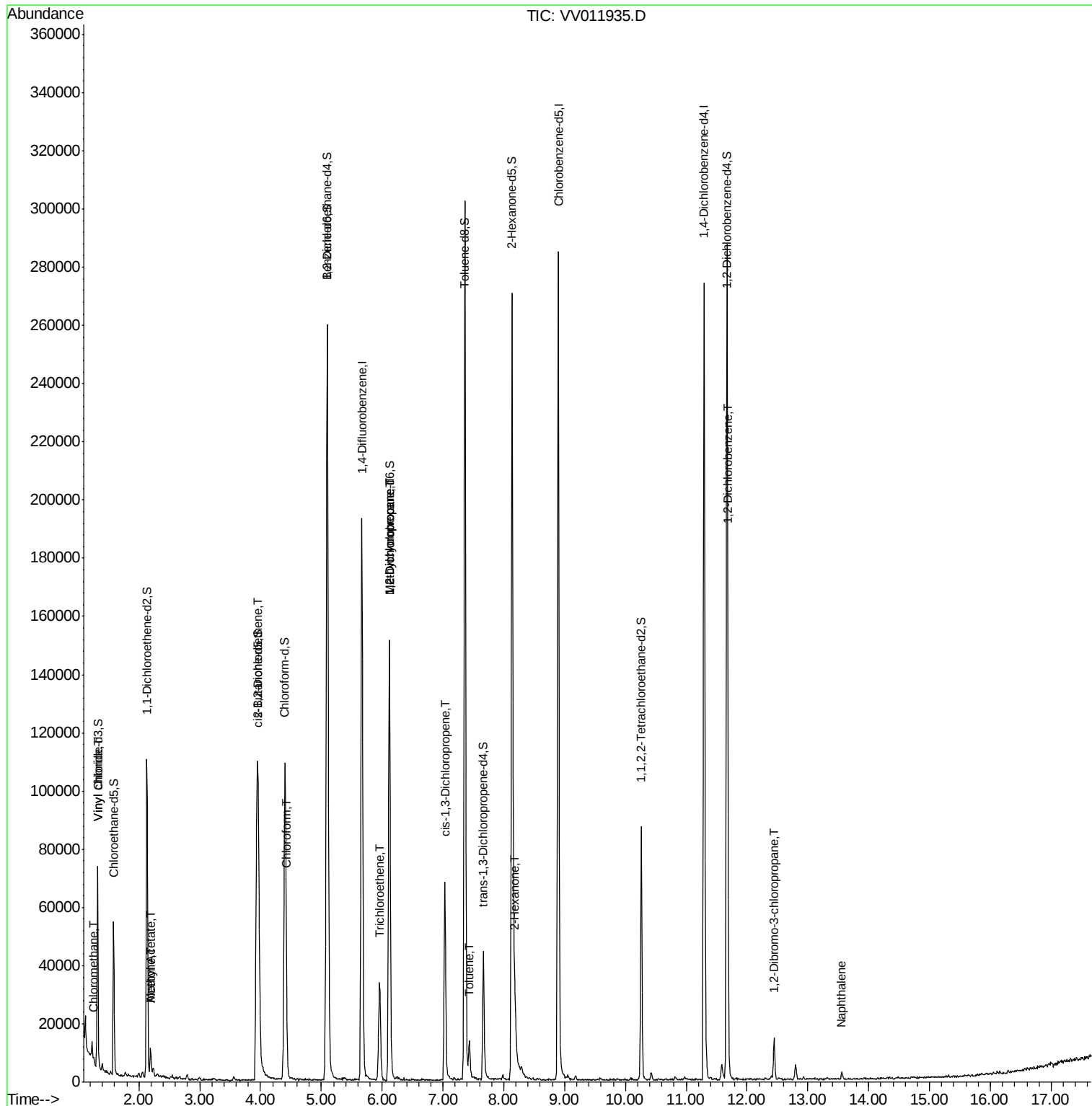
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

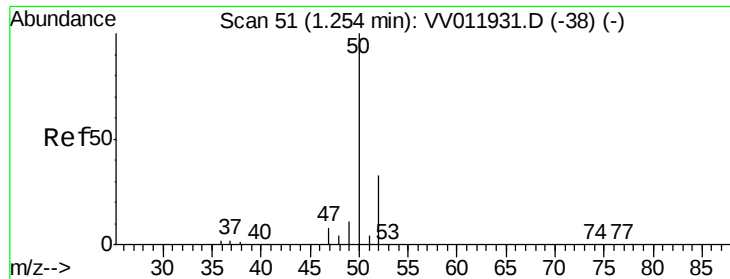
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV011935.D

Acq: 18 Jul 2019 15:52

Instrument :

MSVOA_V

ClientSampled :

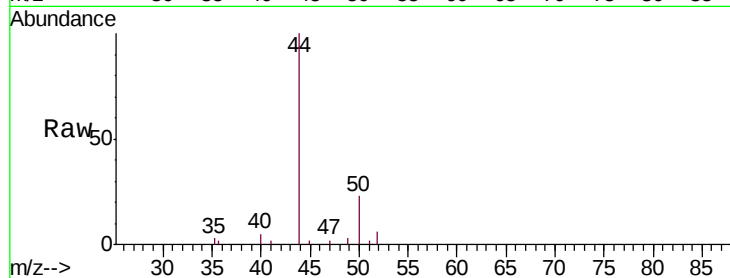
A52Q2

Tgt Ion: 50 Resp: 1523

Ion Ratio Lower Upper

50 100

52 26.3 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1500

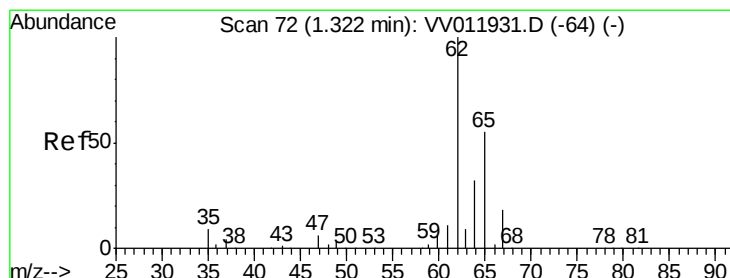
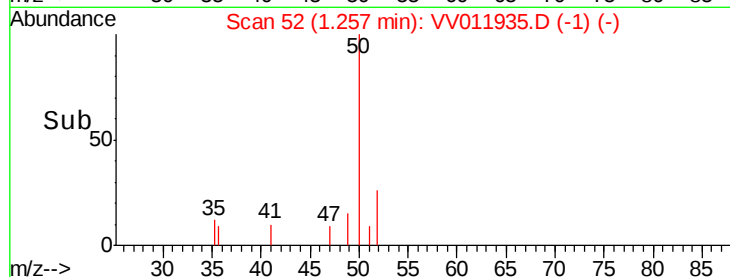
1.26

1000

500

0

Time-->



#5

Vinyl chloride

Concen: 0.114 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV011935.D

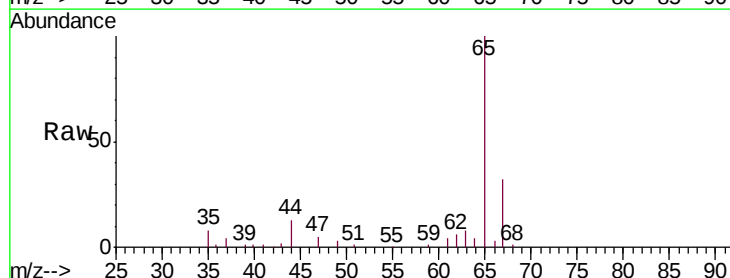
Acq: 18 Jul 2019 15:52

Tgt Ion: 62 Resp: 1732

Ion Ratio Lower Upper

62 100

64 70.0 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

2000

1.32

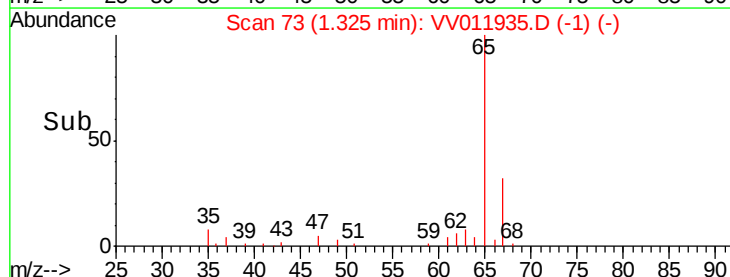
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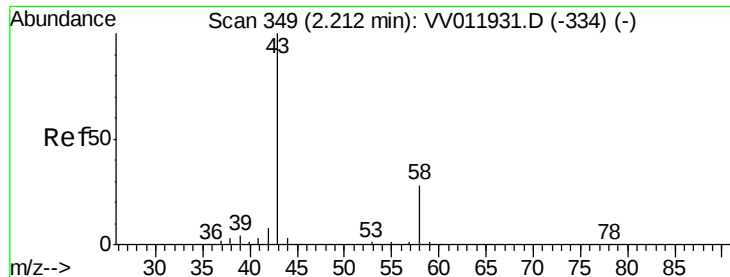
1000

500

0

Time-->





#13

Acetone

Concen: 5.968 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011935.D

Acq: 18 Jul 2019 15:52

Instrument :

MSVOA_V

ClientSampleId :

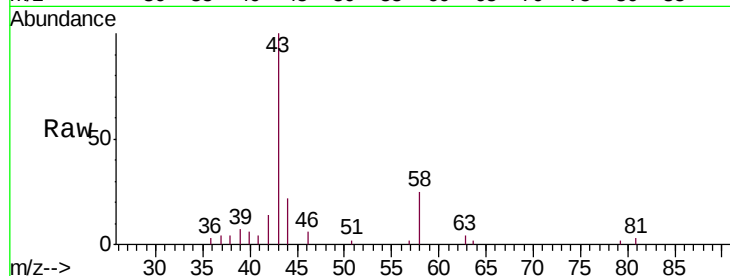
A52Q2

Tgt Ion: 43 Resp: 8978

Ion Ratio Lower Upper

43 100

58 25.7 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

6000

5000

4000

3000

2000

1000

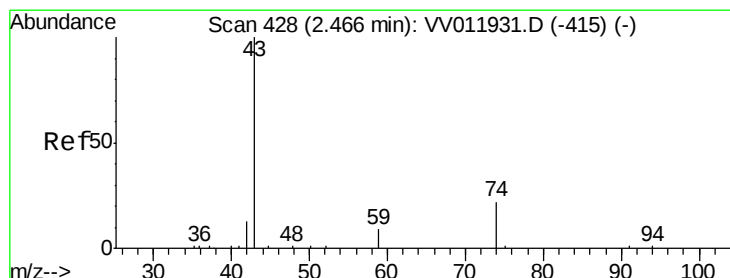
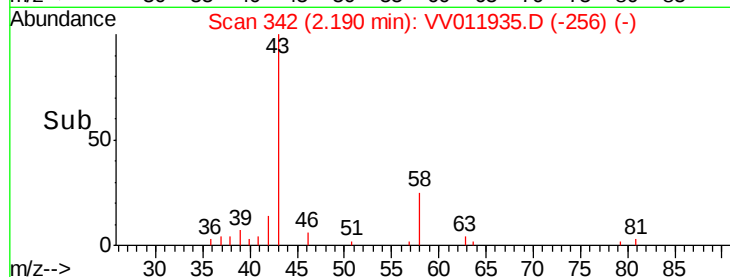
0

Time-->

2.15

2.20

2.25



#15

Methyl Acetate

Concen: 2.453 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.28 min

Lab File: VV011935.D

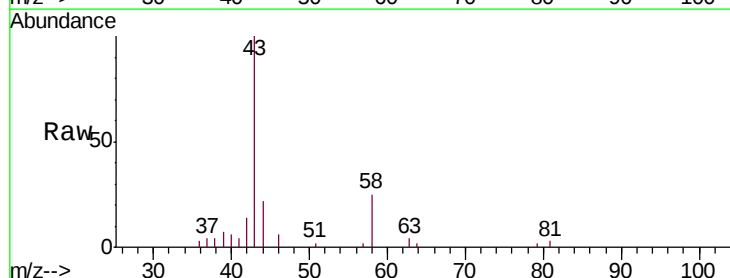
Acq: 18 Jul 2019 15:52

Tgt Ion: 43 Resp: 7845

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.19

6000

5000

4000

3000

2000

1000

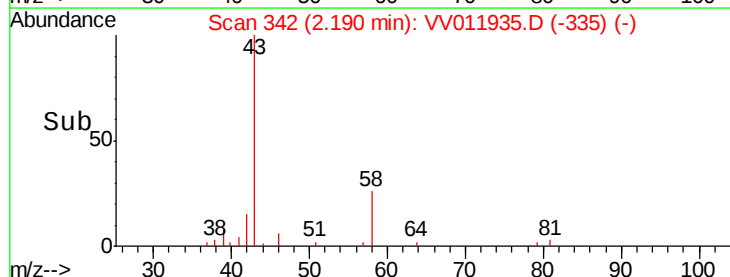
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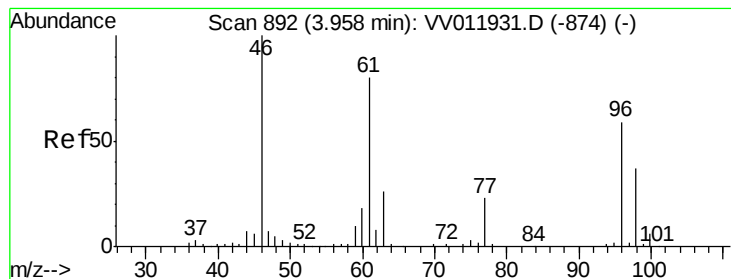
Time-->

2.15

2.20

2.25



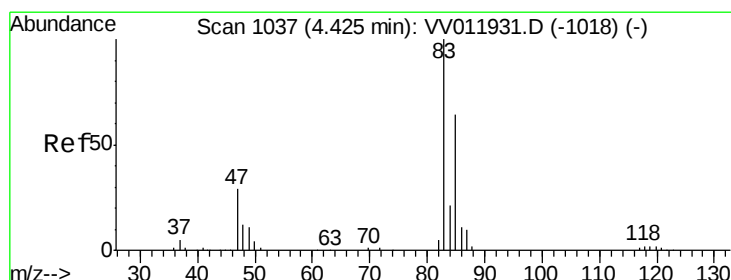
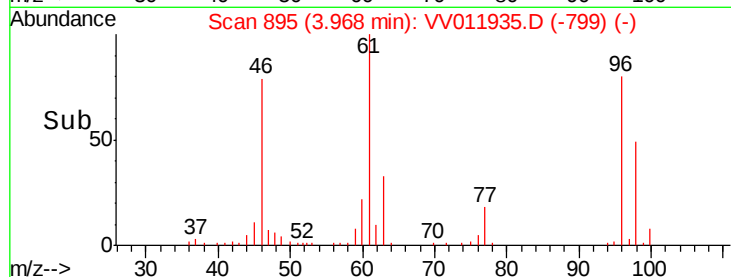
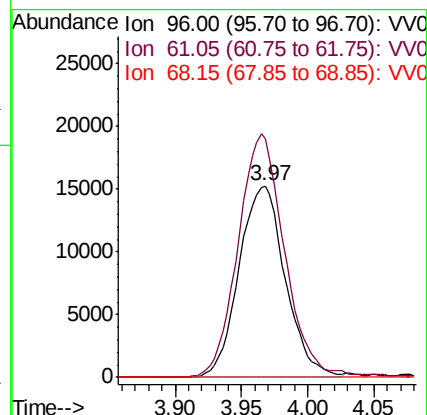
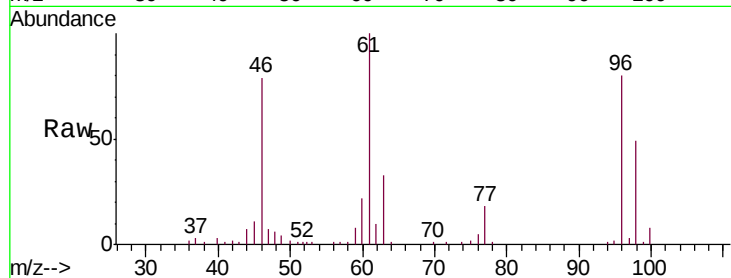


#22

cis-1,2-Dichloroethene
 Concen: 3.000 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV011935.D
 Acq: 18 Jul 2019 15:52

Instrument :
 MSVOA_V
 ClientSampleId :
 A52Q2

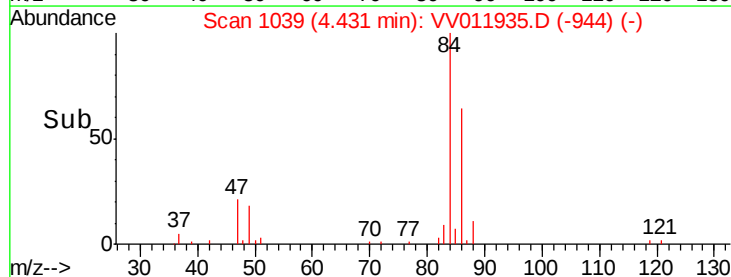
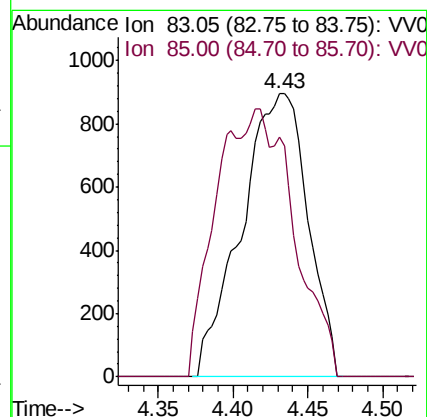
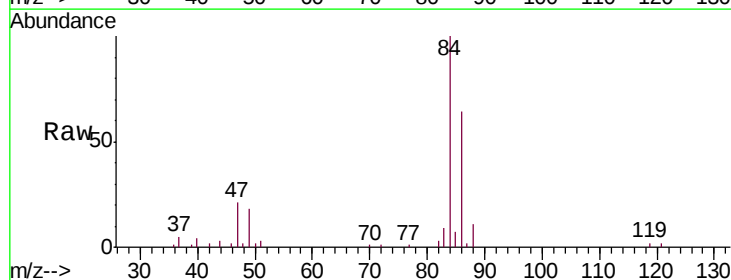
Tgt Ion: 96 Resp: 36986
 Ion Ratio Lower Upper
 96 100
 61 124.7 95.2 176.8
 68 0.0 0.0 0.0

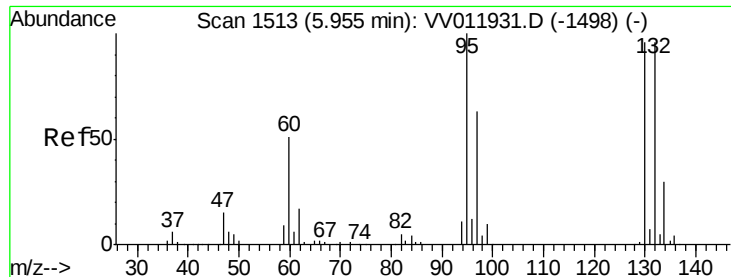


#25

Chloroform
 Concen: 0.114 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VV011935.D
 Acq: 18 Jul 2019 15:52

Tgt Ion: 83 Resp: 2769
 Ion Ratio Lower Upper
 83 100
 85 84.8 42.5 78.9#





#34

Trichloroethene

Concen: 0.655 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV011935.D

Acq: 18 Jul 2019 15:52

Instrument :

MSVOA_V

ClientSampleId :

A52Q2

Tgt Ion: 95 Resp: 8885

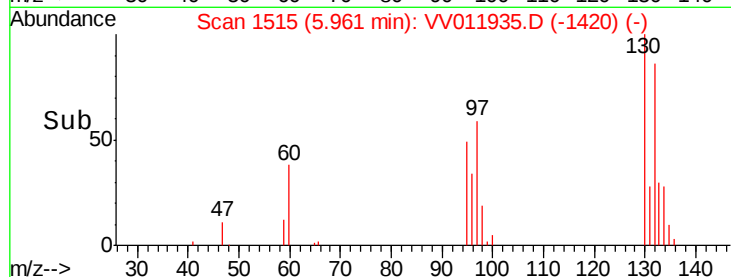
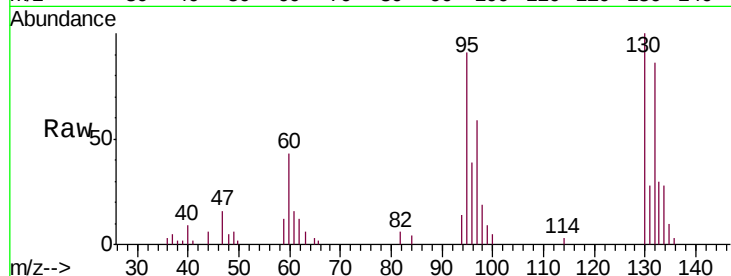
Ion Ratio Lower Upper

95 100

97 65.1 44.0 81.6

132 95.2 67.0 124.4

130 110.2 69.1 128.3

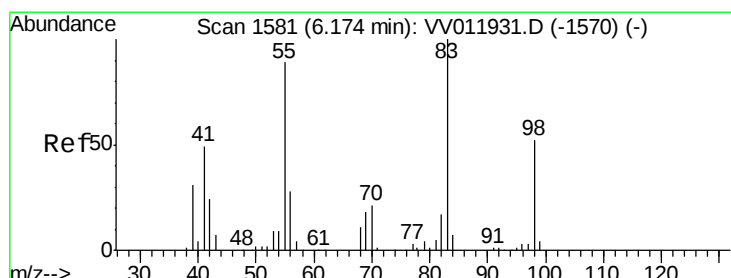
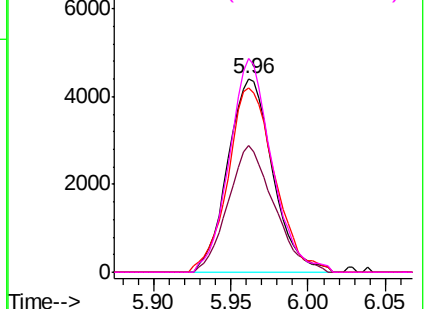


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.835 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011935.D

Acq: 18 Jul 2019 15:52

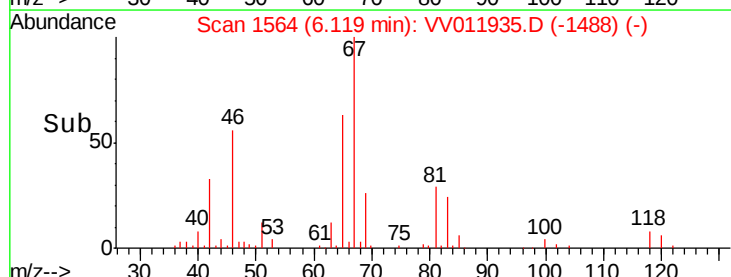
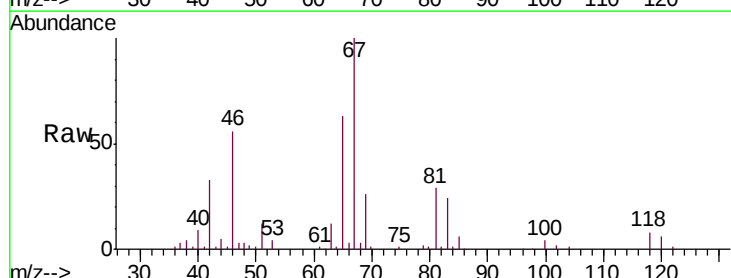
Tgt Ion: 83 Resp: 17180

Ion Ratio Lower Upper

83 100

55 0.0 66.7 100.1#

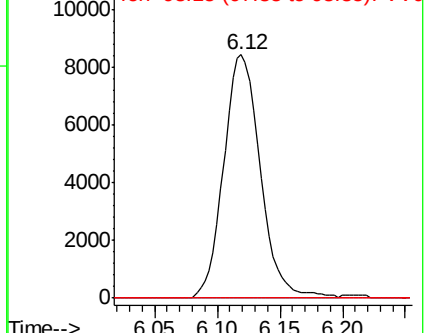
98 1.8 39.0 58.4#

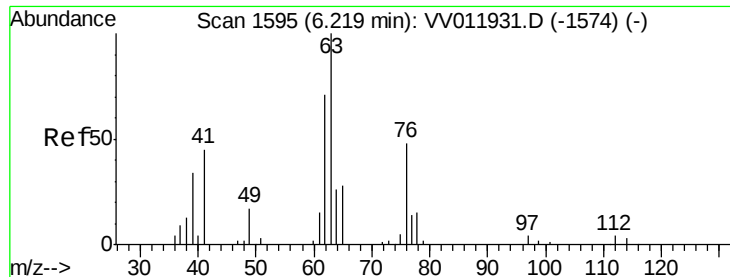


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

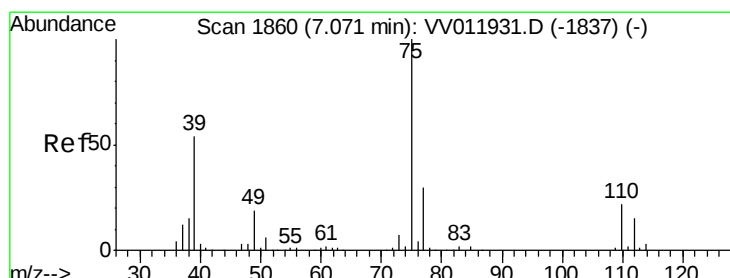
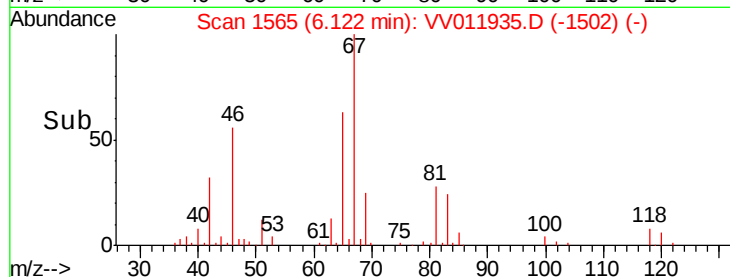
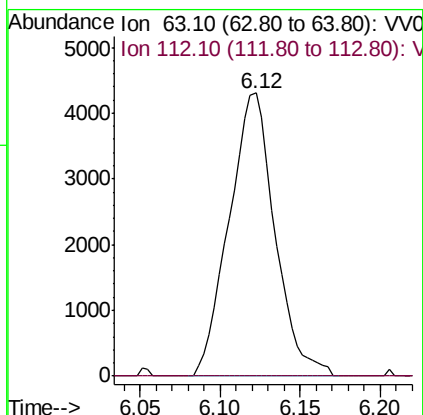
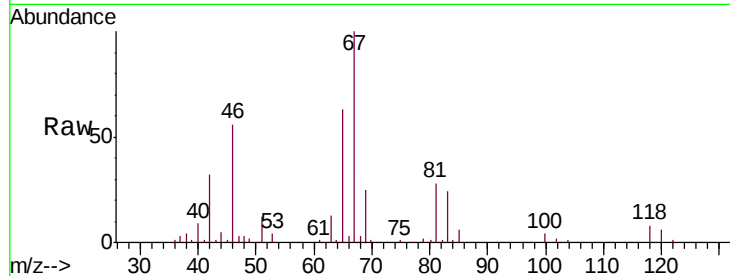




#37
 1,2-Dichloropropane
 Concen: 0.707 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV011935.D
 Acq: 18 Jul 2019 15:52

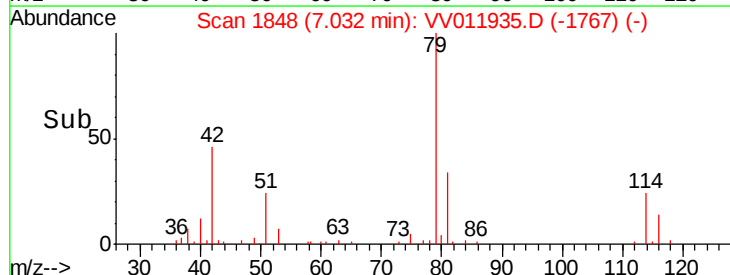
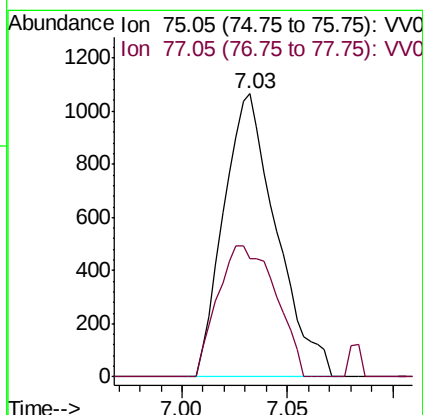
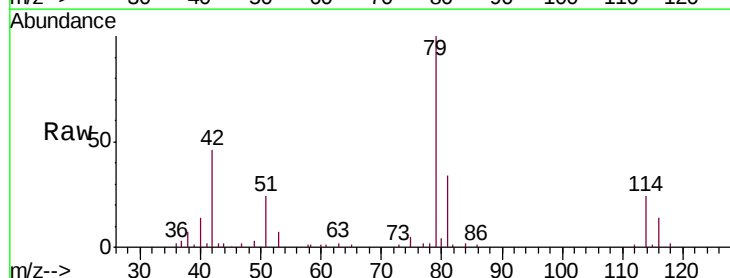
Instrument :
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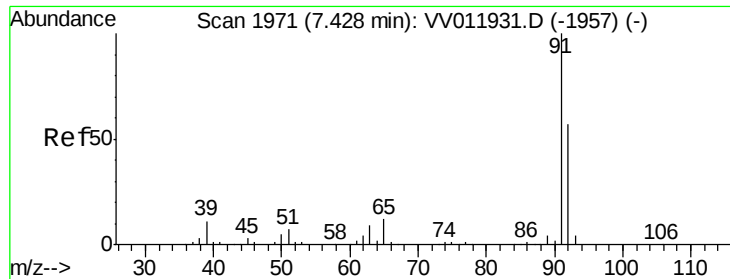
Tgt Ion: 63 Resp: 8427
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011935.D
 Acq: 18 Jul 2019 15:52

Tgt Ion: 75 Resp: 1846
 Ion Ratio Lower Upper
 75 100
 77 42.0 21.6 40.2#





#42

Toluene

Concen: 0.170 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV011935.D

Acq: 18 Jul 2019 15:52

Instrument :

MSVOA_V

ClientSampled :

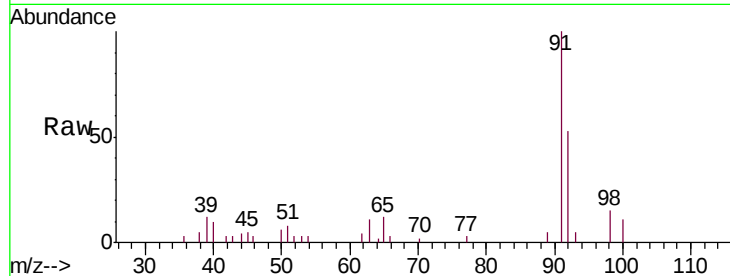
A52Q2

Tgt Ion: 91 Resp: 8695

Ion Ratio Lower Upper

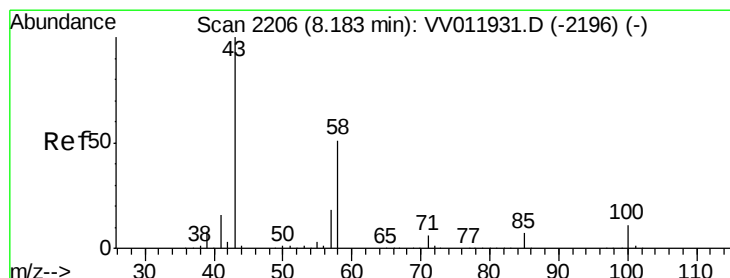
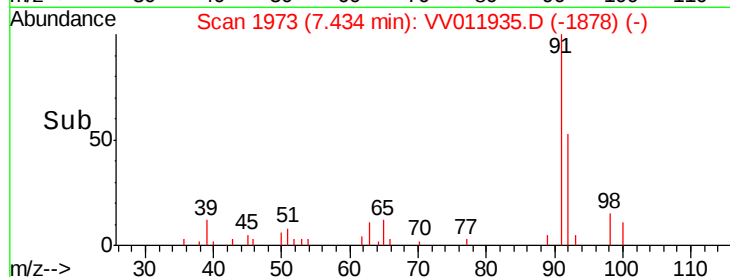
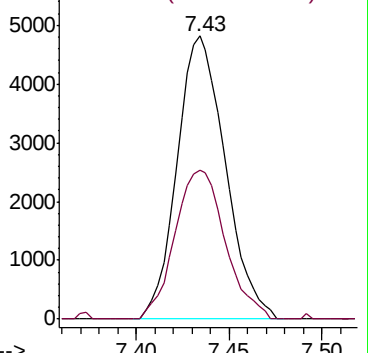
91 100

92 52.7 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV011931.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV011931.D (-1957) (-)



#48

2-Hexanone

Concen: 1.634 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV011935.D

Acq: 18 Jul 2019 15:52

Tgt Ion: 43 Resp: 8376

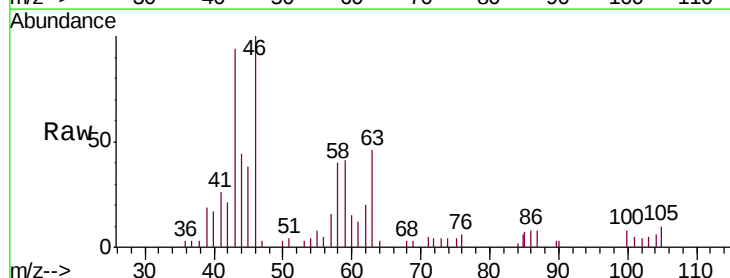
Ion Ratio Lower Upper

43 100

58 47.9 41.1 61.7

57 8.0 14.3 21.5#

100 9.1 8.7 13.1



Abundance Ion 43.05 (42.75 to 43.75): VV011931.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV011931.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV011931.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV011931.D (-2196) (-)

