

Data File : VV012189.D
Acq On : 11 Aug 2019 13:35
Operator : SY/MD
Sample : K4248-02DL 20X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B05DL

Quant Time: Aug 12 01:38:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	336196	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	320889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	156802	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58313	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.30%
7) Chloroethane-d5	1.58	69	41912	53.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.28%
11) 1,1-Dichloroethene-d2	2.13	63	81880	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.04%
21) 2-Butanone-d5	3.93	46	65204	106.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	4.40	84	113733	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.08	65	70448	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
32) Benzene-d6	5.10	84	236149	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.12	67	63413	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.72%
41) Toluene-d8	7.36	98	213617	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%
43) trans-1,3-Dichloropropene-	7.66	79	31719	43.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.50%
47) 2-Hexanone-d5	8.13	63	45658	88.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85384	46.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.04%
64) 1,2-Dichlorobenzene-d4	11.67	152	86980	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%

Target Compounds

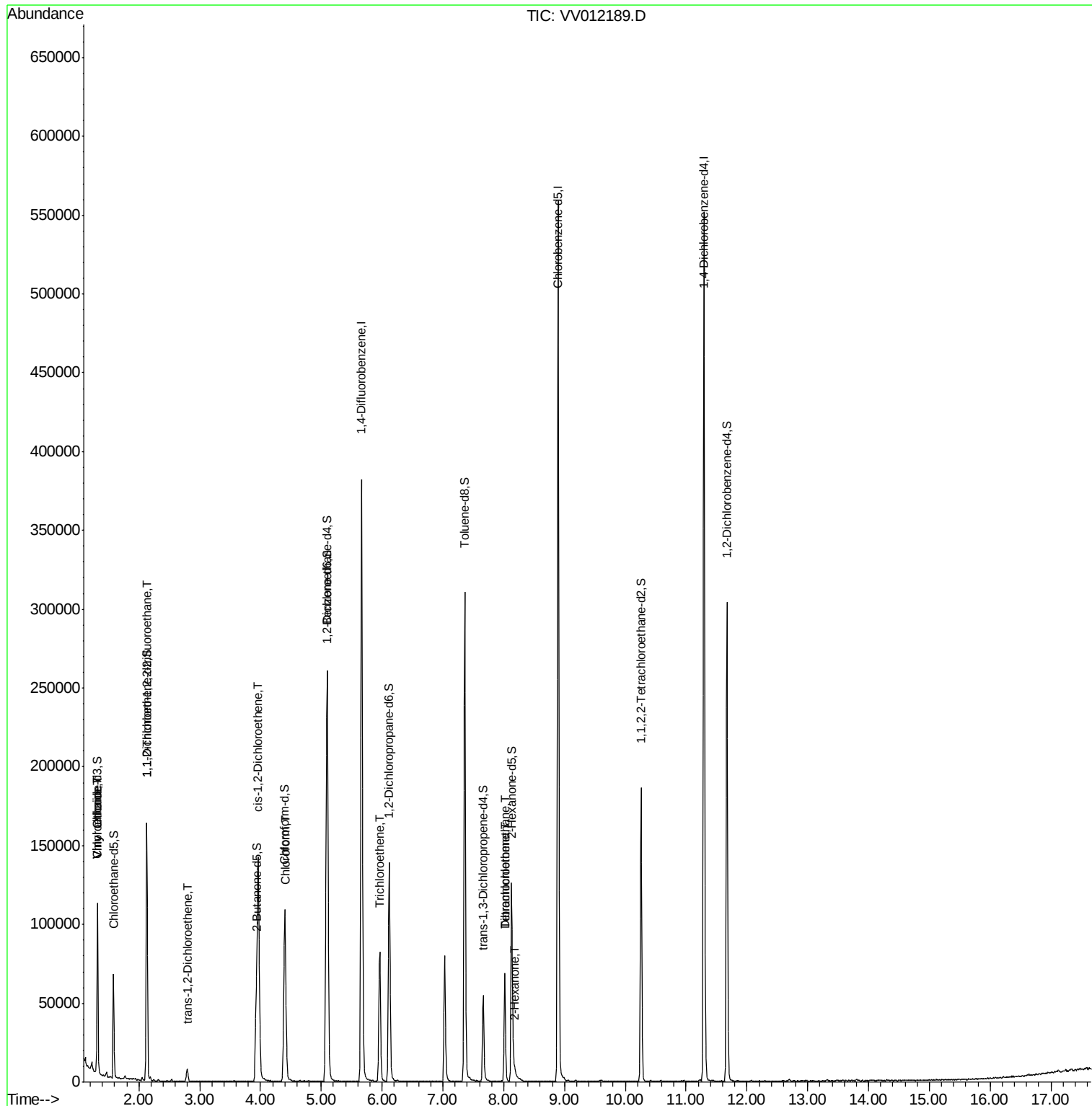
						Qvalue
5) Vinyl chloride	1.32	62	9230	4.966	ug/L #	76
8) Chloroethane	1.32	64	3886	3.991	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	921	0.621	ug/L #	20
17) trans-1,2-Dichloroethene	2.80	96	3634	1.826	ug/L	76
20) cis-1,2-Dichloroethene	3.96	96	81350	35.983	ug/L	97
25) Chloroform	4.42	83	2304	0.586	ug/L	86
34) Trichloroethene	5.96	95	27220	12.295	ug/L	98
46) Tetrachloroethene	8.02	164	16232	7.670	ug/L	97
48) 2-Hexanone	8.18	43	1965	1.037	ug/L #	76
49) Dibromochloromethane	8.02	129	13970	5.111	ug/L #	11

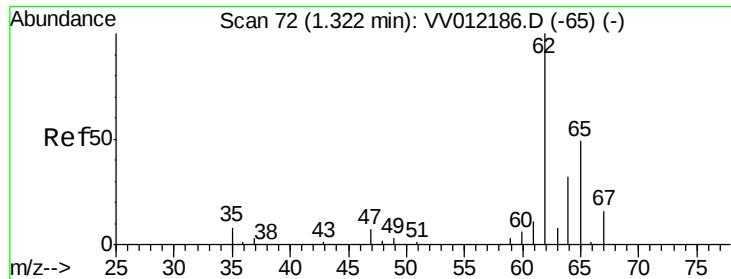
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.966 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012189.D

Acq: 11 Aug 2019 13:35

Instrument :

MSVOA_V

ClientSampled :

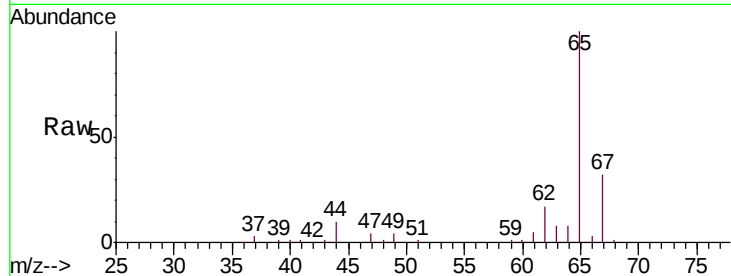
F2B05DL

Tgt Ion: 62 Resp: 9230

Ion Ratio Lower Upper

62 100

64 47.4 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

10000

8000

6000

4000

2000

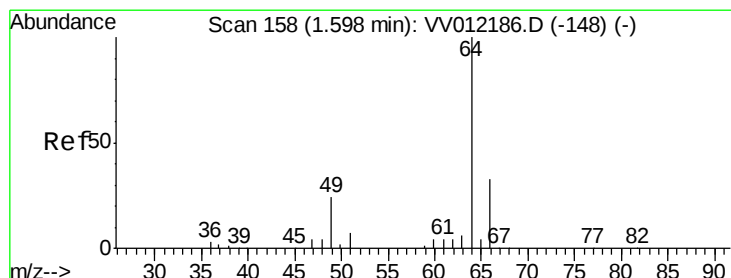
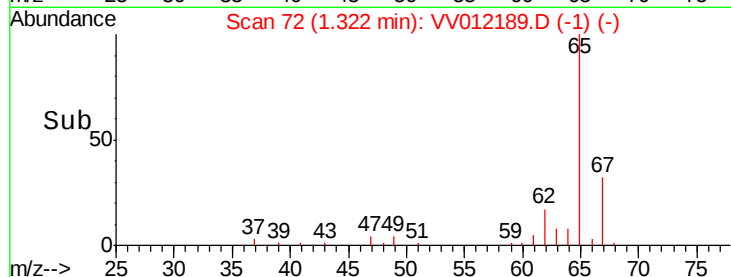
0

1.30

1.32

1.35

Time-->



#8

Chloroethane

Concen: 3.991 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV012189.D

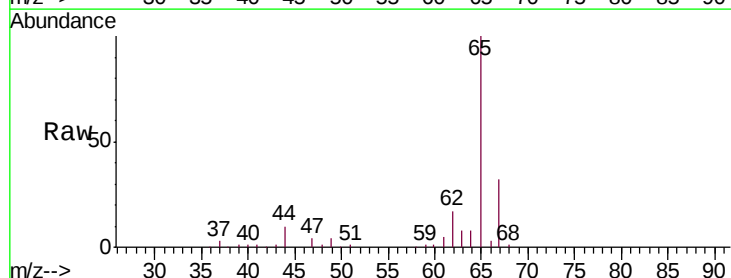
Acq: 11 Aug 2019 13:35

Tgt Ion: 64 Resp: 3886

Ion Ratio Lower Upper

64 100

66 35.9 22.9 42.5



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

5000

4000

3000

2000

1000

0

1.28

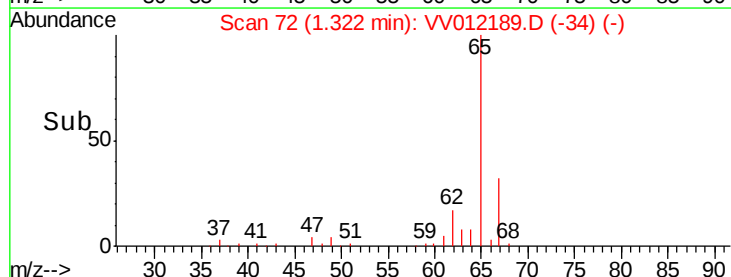
1.30

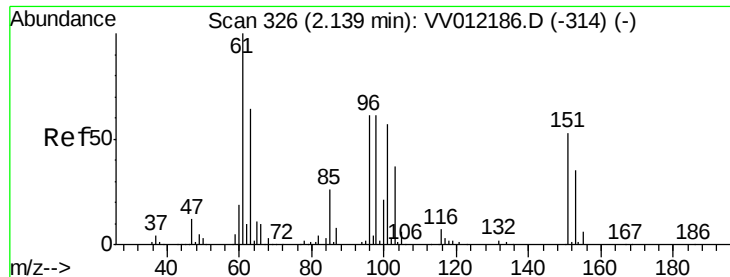
1.32

1.34

1.36

Time-->





#10

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

Concen: 0.621 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

F2B05DL

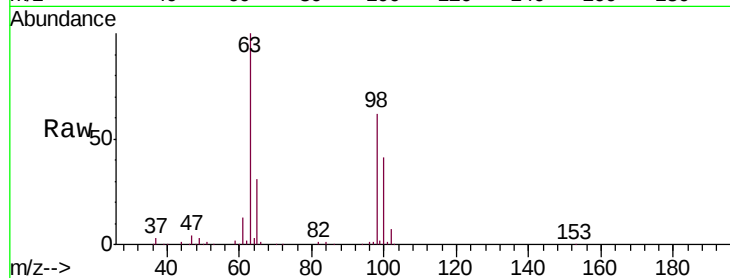
Tgt Ion: 101 Resp: 921

Ion Ratio Lower Upper

101 100

85 5.0 33.6 50.4#

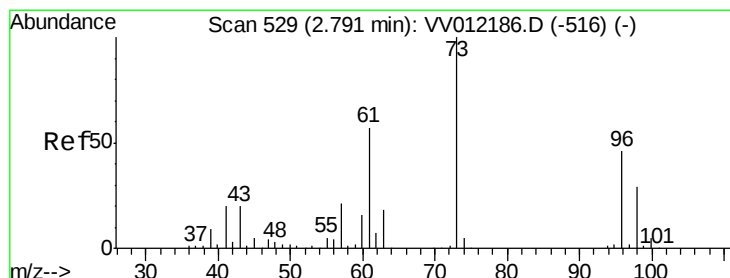
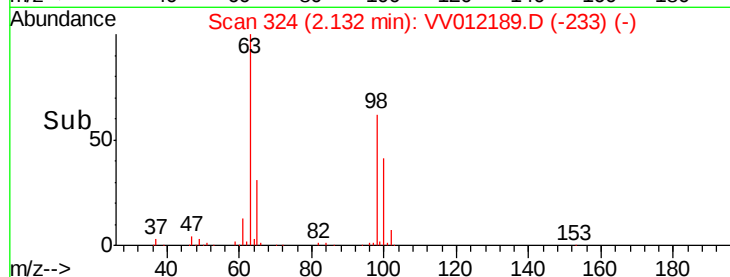
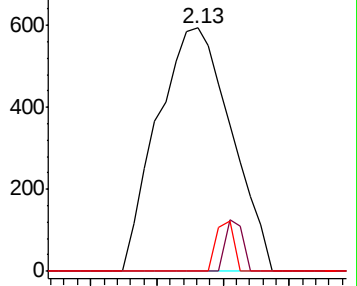
151 4.9 71.8 107.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#17

trans-1,2-Dichloroethene

Concen: 1.826 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.01 min

Lab File: VV012189.D

Acq: 11 Aug 2019 13:35

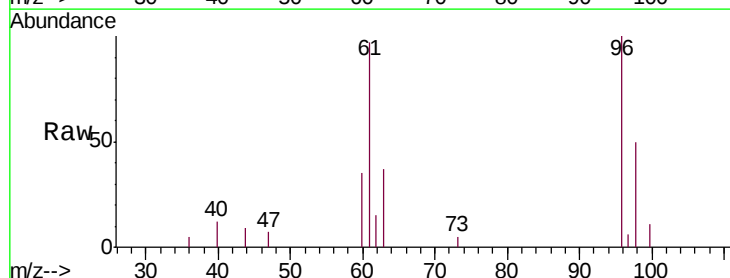
Tgt Ion: 96 Resp: 3634

Ion Ratio Lower Upper

96 100

61 96.7 89.3 165.9

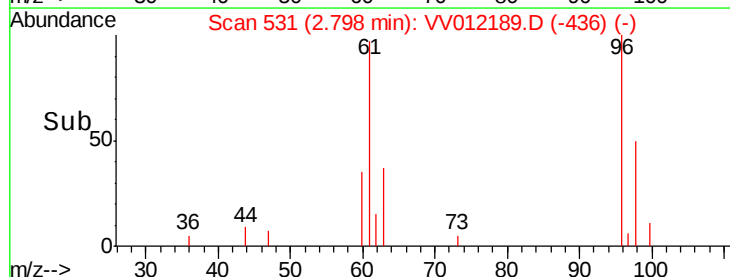
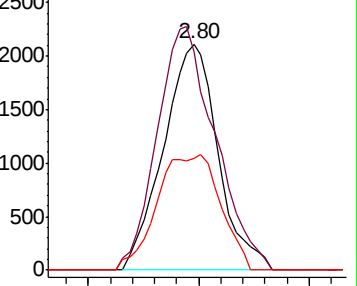
98 49.7 44.7 83.1

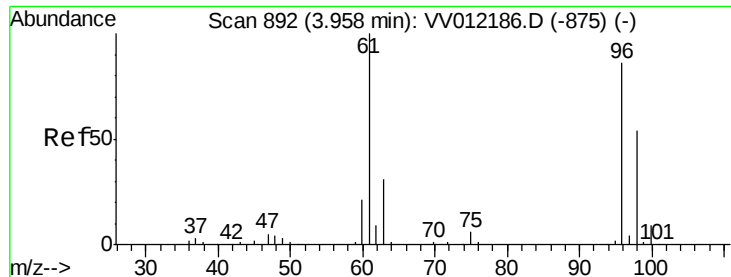


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

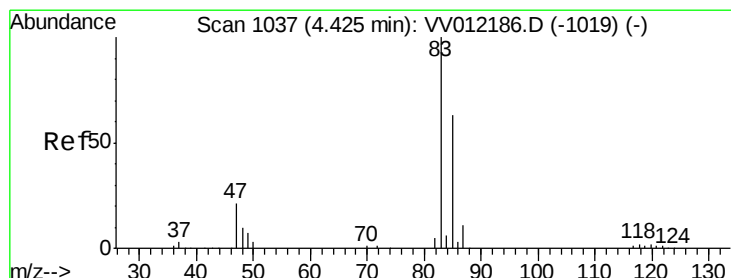
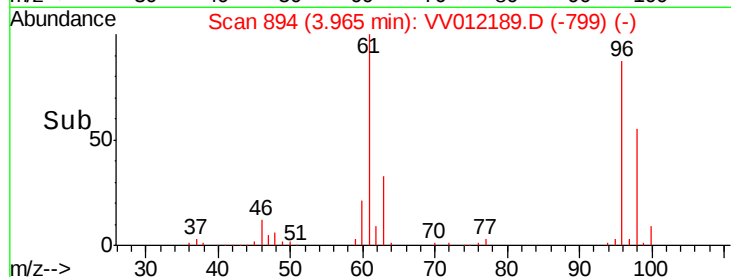
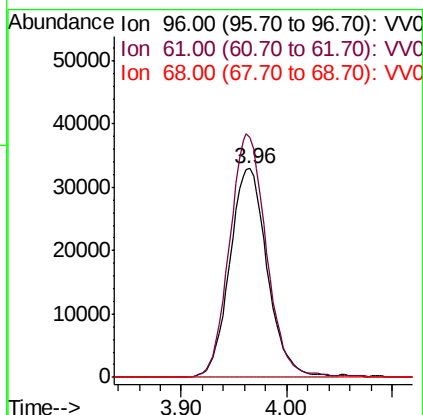
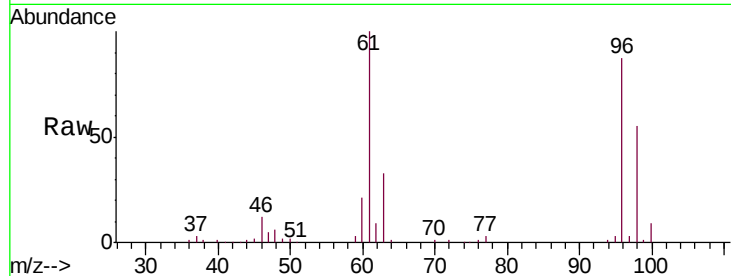




#20
 cis-1,2-Dichloroethene
 Concen: 35.983 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV012189.D
 Acq: 11 Aug 2019 13:35

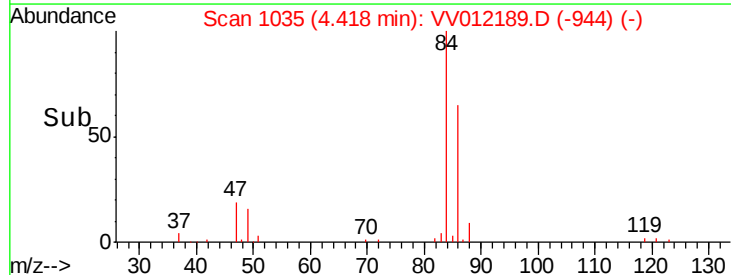
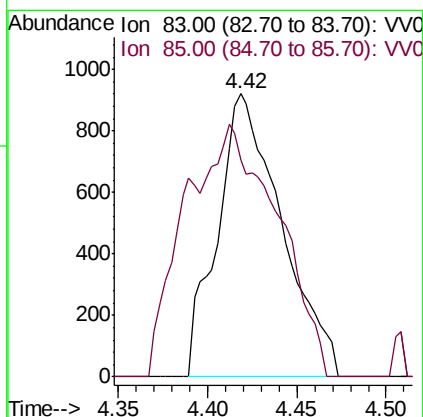
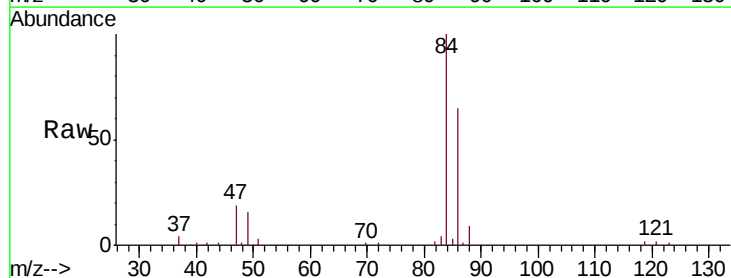
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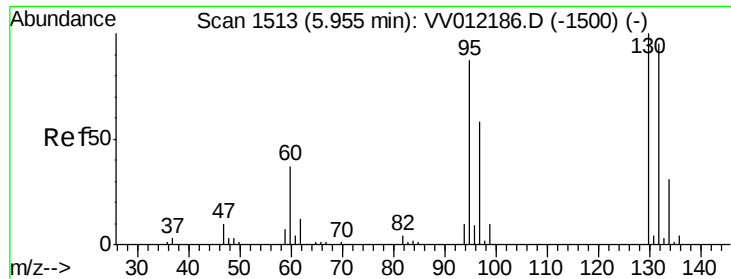
Tgt Ion: 96 Resp: 81350
 Ion Ratio Lower Upper
 96 100
 61 115.1 82.9 153.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.586 ug/L
 RT: 4.42 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: VV012189.D
 Acq: 11 Aug 2019 13:35

Tgt Ion: 83 Resp: 2304
 Ion Ratio Lower Upper
 83 100
 85 76.5 45.7 84.9

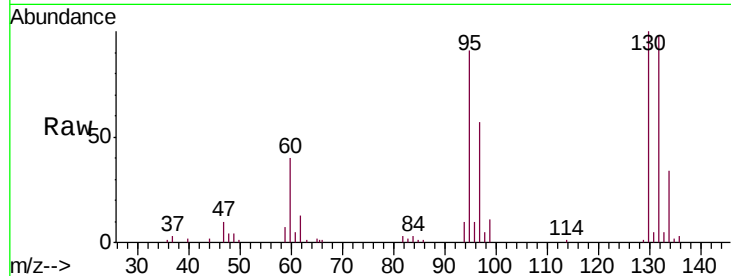




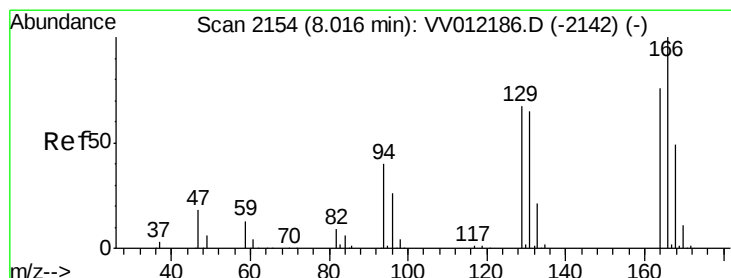
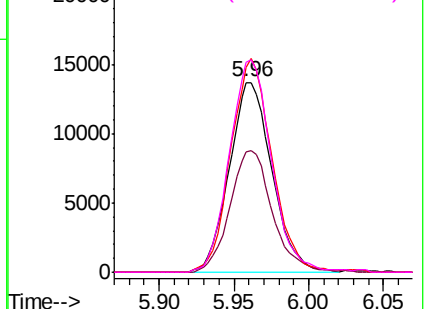
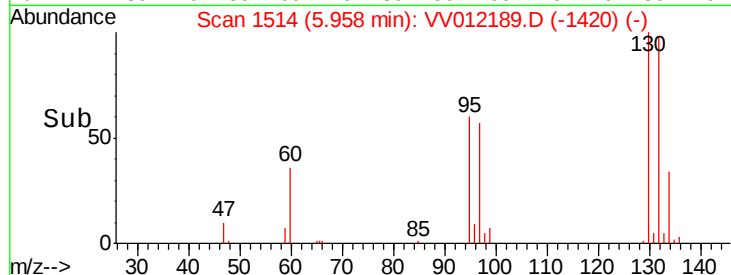
#34
 Trichloroethene
 Concen: 12.295 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012189.D
 Acq: 11 Aug 2019 13:35

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B05DL

Tgt Ion: 95 Resp: 27220
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.7 83.1
 132 108.0 72.7 134.9
 130 110.4 75.9 141.1

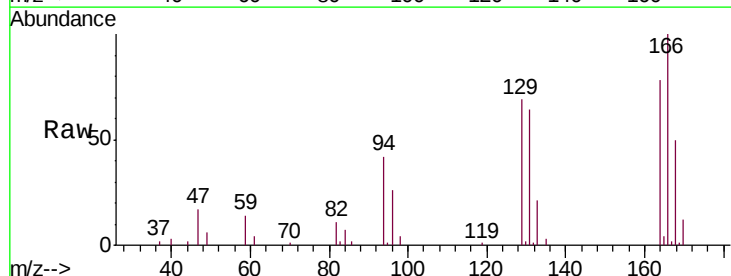


Abundance Ion 95.00 (94.70 to 95.70): VV012189.D (-1420) (-)
 Ion 97.00 (96.70 to 97.70): VV012189.D (-1420) (-)
 Ion 132.00 (131.70 to 132.70): VV012189.D (-1420) (-)
 Ion 130.00 (129.70 to 130.70): VV012189.D (-1420) (-)

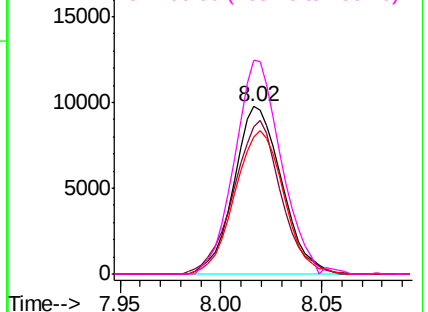
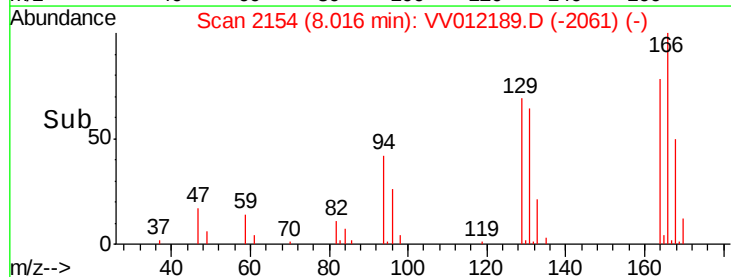


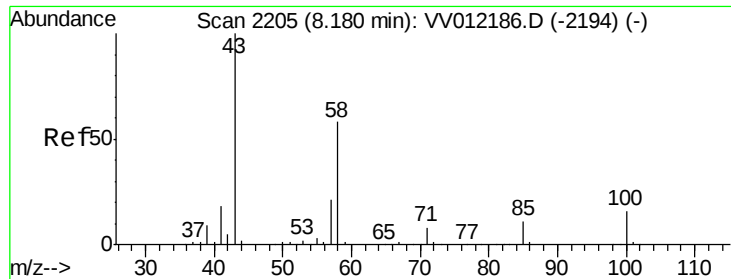
#46
 Tetrachloroethene
 Concen: 7.670 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV012189.D
 Acq: 11 Aug 2019 13:35

Tgt Ion: 164 Resp: 16232
 Ion Ratio Lower Upper
 164 100
 129 88.1 60.6 112.6
 131 82.2 59.5 110.5
 166 127.6 87.2 161.9



Abundance Ion 164.00 (163.70 to 164.70): VV012189.D (-2061) (-)
 Ion 129.00 (128.70 to 129.70): VV012189.D (-2061) (-)
 Ion 131.00 (130.70 to 131.70): VV012189.D (-2061) (-)
 Ion 166.00 (165.70 to 166.70): VV012189.D (-2061) (-)

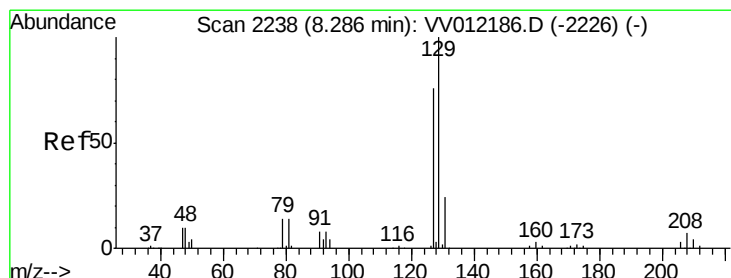
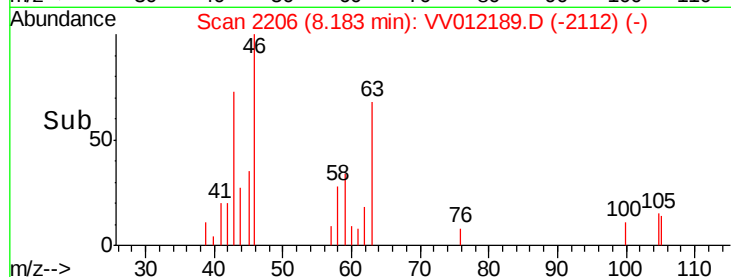
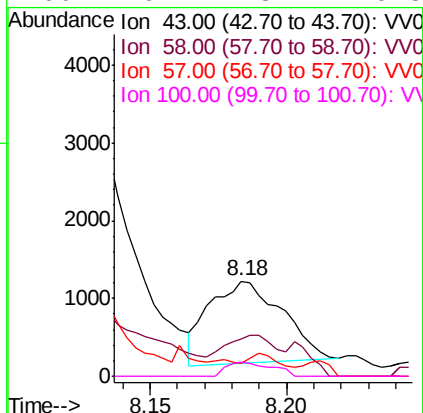
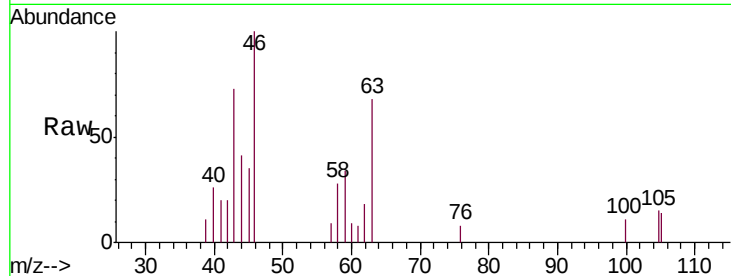




#48
2-Hexanone
Concen: 1.037 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV012189.D
Acq: 11 Aug 2019 13:35

Instrument :
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Tgt Ion: 43 Resp: 1965
Ion Ratio Lower Upper
43 100
58 36.9 47.4 71.0#
57 12.3 16.8 25.2#
100 10.7 13.2 19.8#



#49
Dibromochloromethane
Concen: 5.111 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012189.D
Acq: 11 Aug 2019 13:35

Tgt Ion: 129 Resp: 13970
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#

