

Data File : VV012533.D
Acq On : 02 Sep 2019 17:01
Operator : SY/MD
Sample : K4607-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD66

Quant Time: Sep 03 05:48:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155316	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70066	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.59	69	70693	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.14	63	116398	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.93	46	136611	47.53	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.06%
24) Chloroform-d	4.40	84	107967	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	59663	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	216044	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	66742	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	178332	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.67	79	21710	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.13	63	81447	42.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45491	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	59654	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

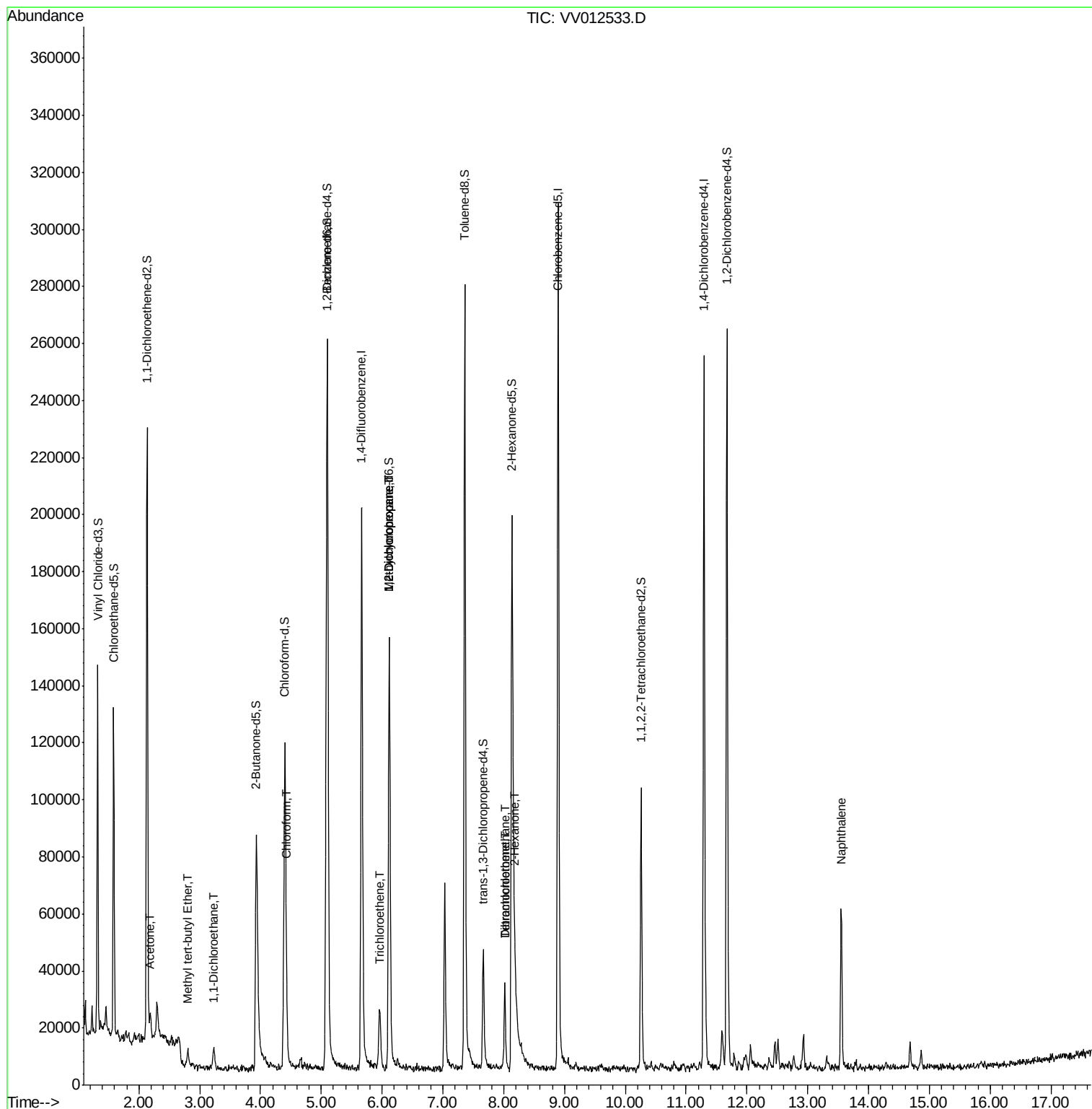
					Qvalue
13) Acetone	2.19	43	9672	2.371 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	4022	0.118 ug/L #	78
19) 1,1-Dichloroethane	3.23	63	6362	0.206 ug/L #	88
25) Chloroform	4.43	83	7995	0.247 ug/L	90
34) Trichloroethene	5.96	95	6684	0.372 ug/L	92
35) Methylcyclohexane	6.12	83	16033	0.587 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8774	0.506 ug/L #	88
47) Tetrachloroethene	8.02	164	6778	0.522 ug/L	94
48) 2-Hexanone	8.18	43	9340	1.322 ug/L #	82
49) Dibromochloromethane	8.02	129	5653	0.443 ug/L #	10
69) Naphthalene	13.55	128	42593	1.991 ug/L	99

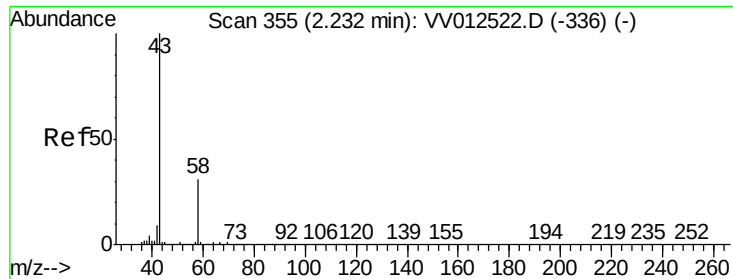
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.371 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

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MSVOA_V

ClientSampleId :

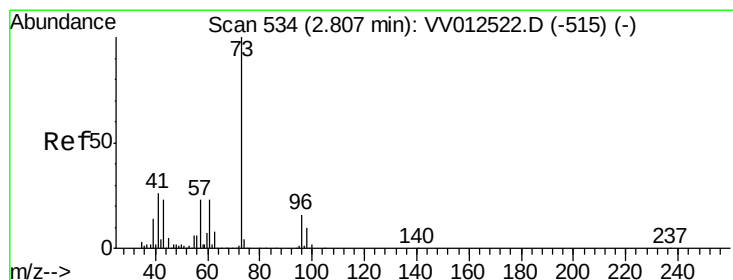
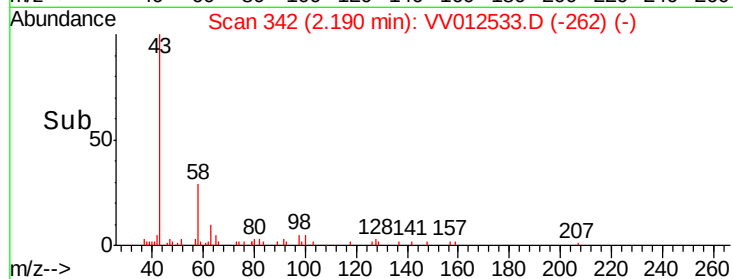
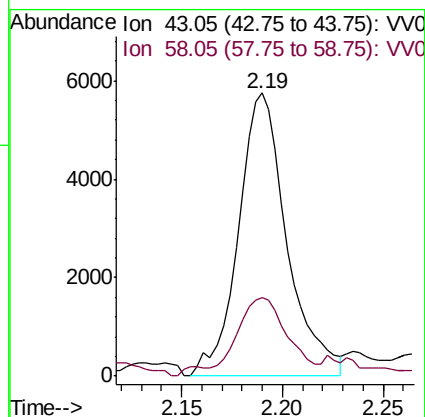
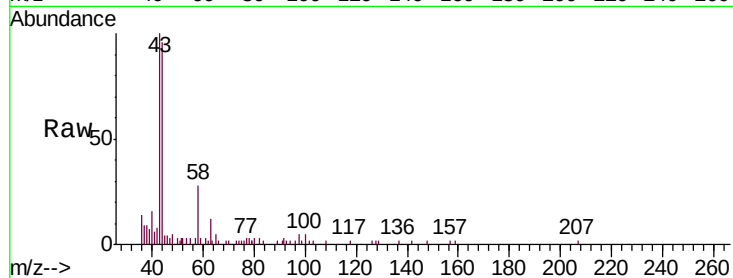
BFD66

Tgt Ion: 43 Resp: 9672

Ion Ratio Lower Upper

43 100

58 29.9 0.0 58.2



#17

Methyl tert-butyl Ether

Concen: 0.118 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012533.D

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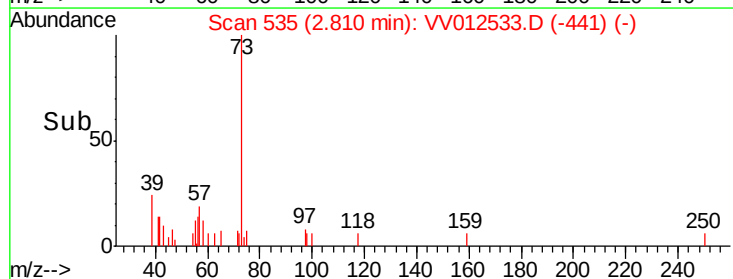
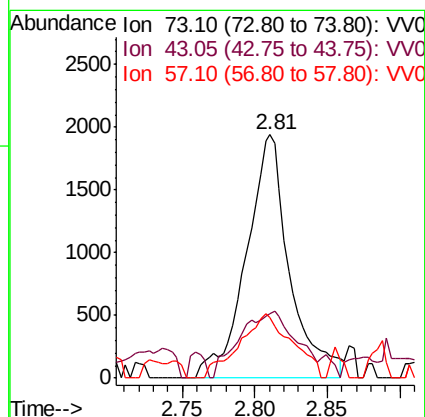
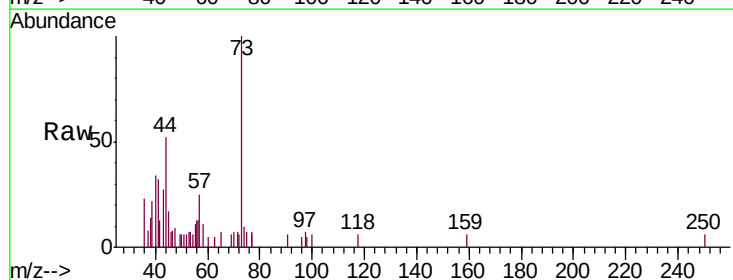
Tgt Ion: 73 Resp: 4022

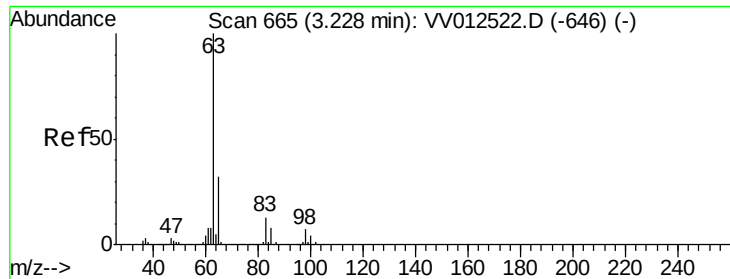
Ion Ratio Lower Upper

73 100

43 35.8 18.9 28.3#

57 32.0 18.3 27.5#

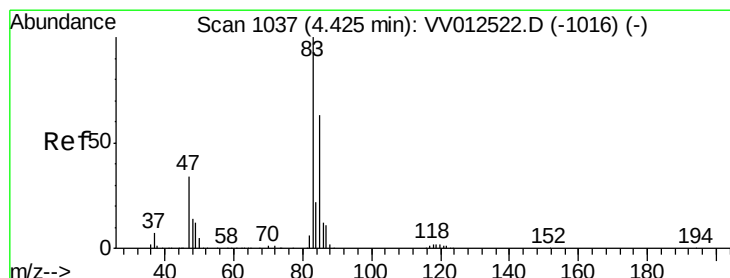
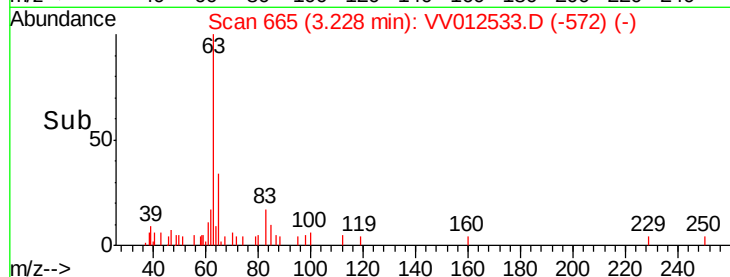
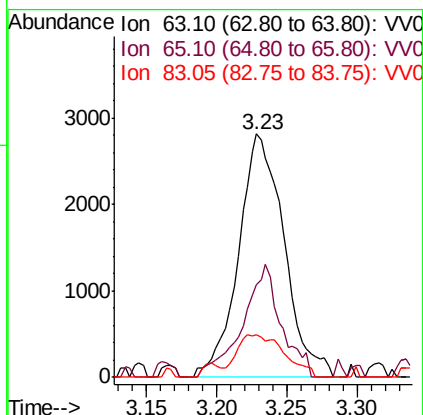
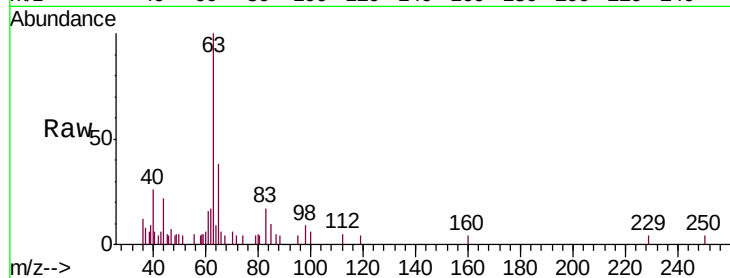




#19
 1,1-Dichloroethane
 Concen: 0.206 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV012533.D
 Acq: 02 Sep 2019 17:01

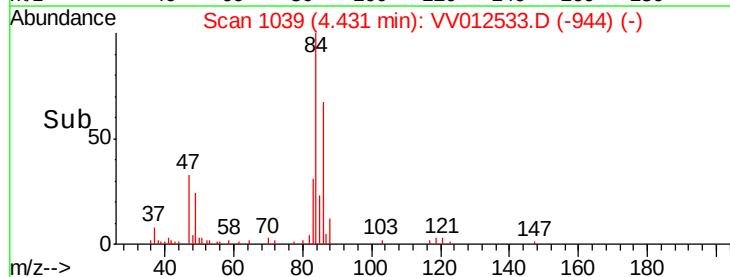
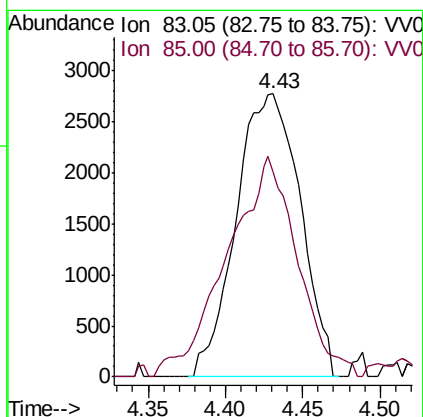
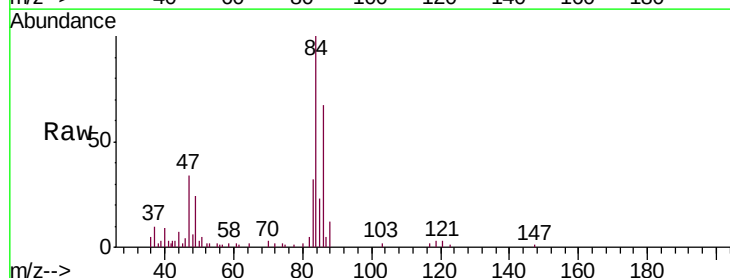
Instrument :
 MSVOA_V
 ClientSampleId :
 BFD66

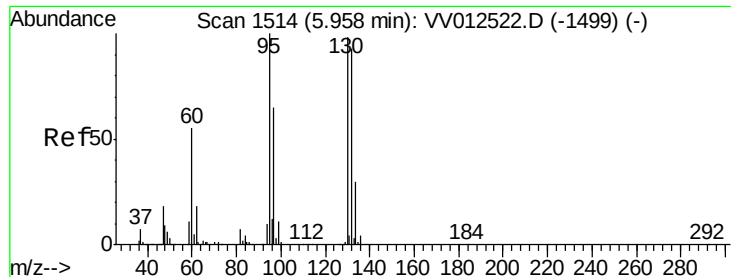
Tgt Ion: 63 Resp: 6362
 Ion Ratio Lower Upper
 63 100
 65 37.8 21.5 39.9
 83 17.4 9.1 16.9#



#25
 Chloroform
 Concen: 0.247 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VV012533.D
 Acq: 02 Sep 2019 17:01

Tgt Ion: 83 Resp: 7995
 Ion Ratio Lower Upper
 83 100
 85 72.5 45.1 83.9





#34

Trichloroethene

Concen: 0.372 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012533.D

Acq: 02 Sep 2019 17:01

Instrument :

MSVOA_V

ClientSampleId :

BFD66

Tgt Ion: 95 Resp: 6684

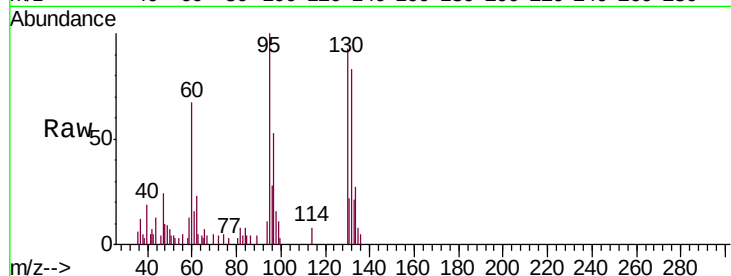
Ion Ratio Lower Upper

95 100

97 52.7 44.7 83.1

132 83.4 63.8 118.4

130 92.7 66.6 123.6

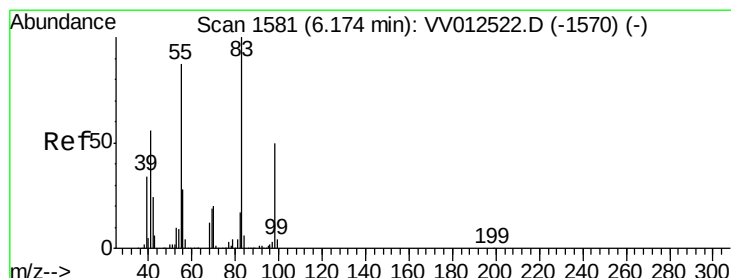
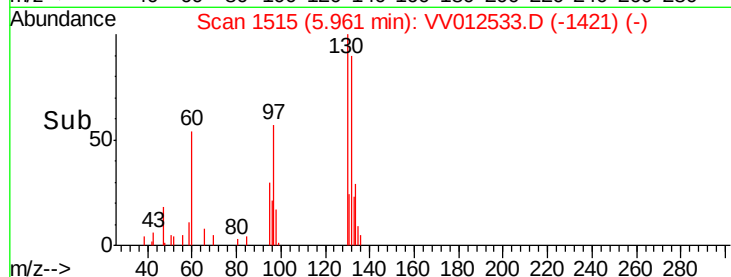
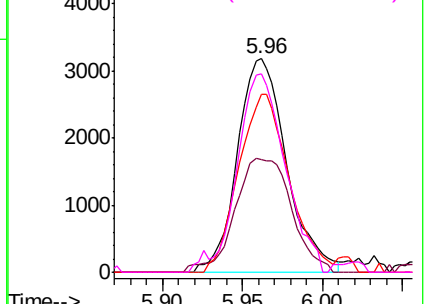


Abundance Ion 95.00 (94.70 to 95.70): VV012522.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV012522.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV012522.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV012522.D (-1499) (-)



#35

Methylcyclohexane

Concen: 0.587 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012533.D

Acq: 02 Sep 2019 17:01

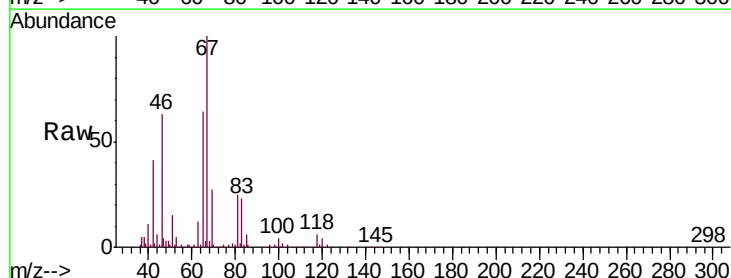
Tgt Ion: 83 Resp: 16033

Ion Ratio Lower Upper

83 100

55 2.1 67.3 100.9#

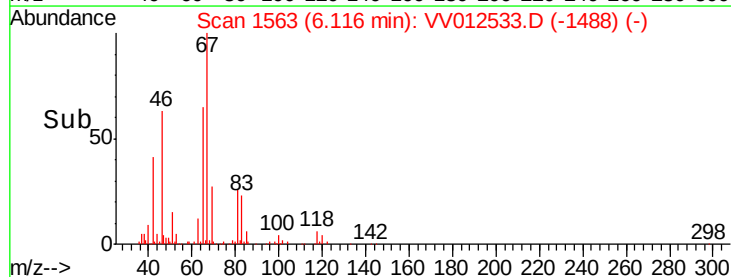
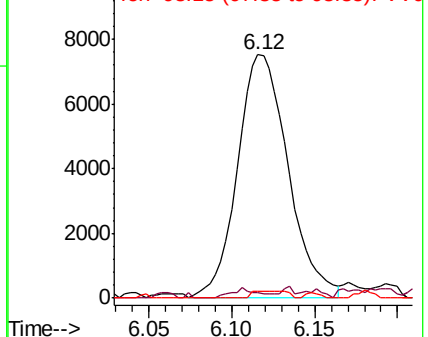
98 1.2 37.4 56.2#

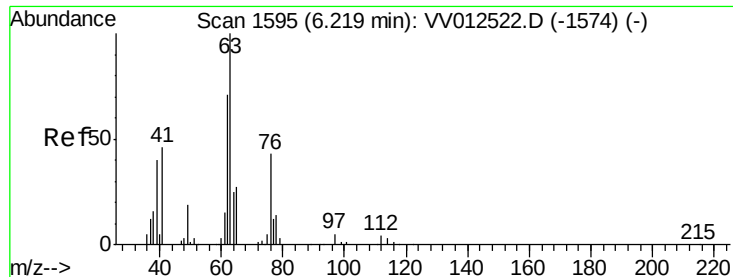


Abundance Ion 83.15 (82.85 to 83.85): VV012522.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV012522.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV012522.D (-1570) (-)

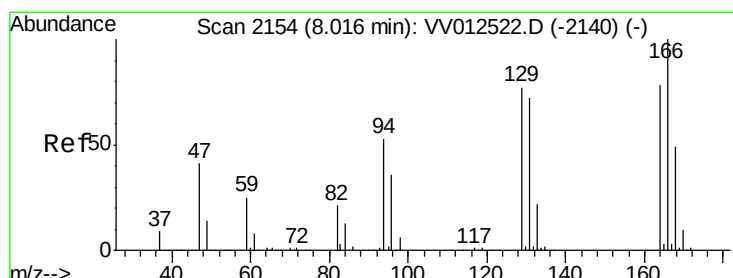
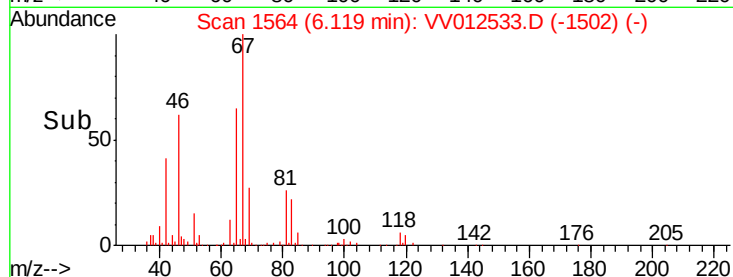
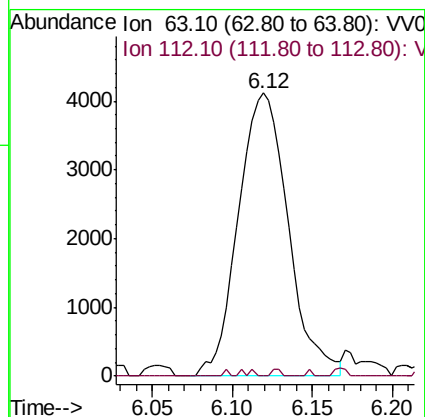
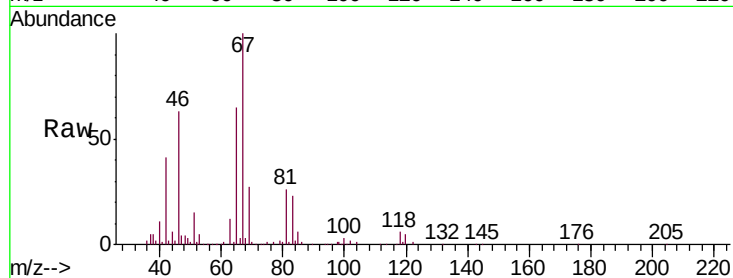




#37
 1,2-Dichloropropane
 Concen: 0.506 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012533.D
 Acq: 02 Sep 2019 17:01

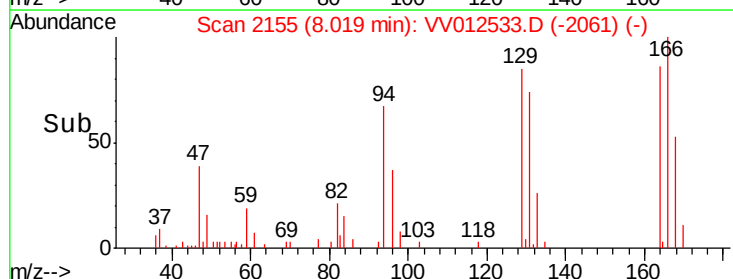
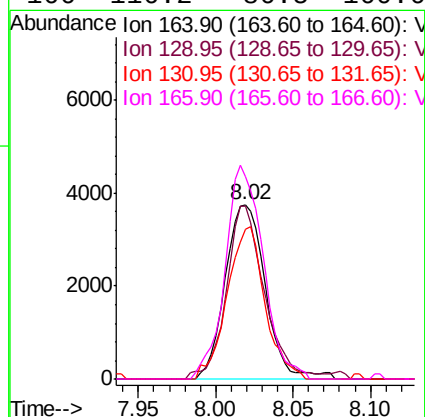
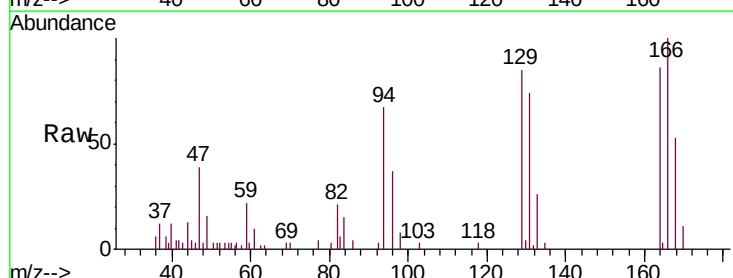
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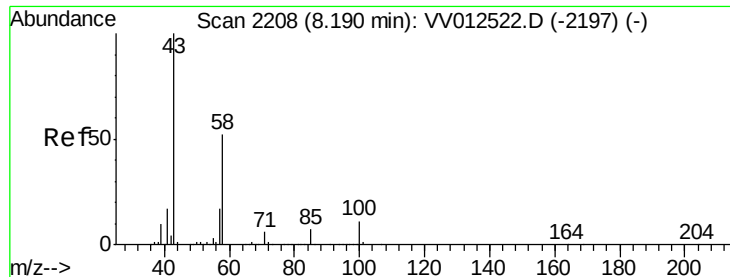
Tgt Ion: 63 Resp: 8774
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.5 5.3#



#47
 Tetrachloroethene
 Concen: 0.522 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV012533.D
 Acq: 02 Sep 2019 17:01

Tgt Ion: 164 Resp: 6778
 Ion Ratio Lower Upper
 164 100
 129 99.0 64.5 119.9
 131 86.2 62.3 115.7
 166 116.2 86.5 160.6

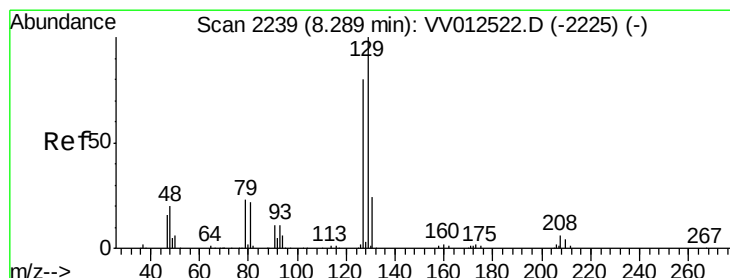
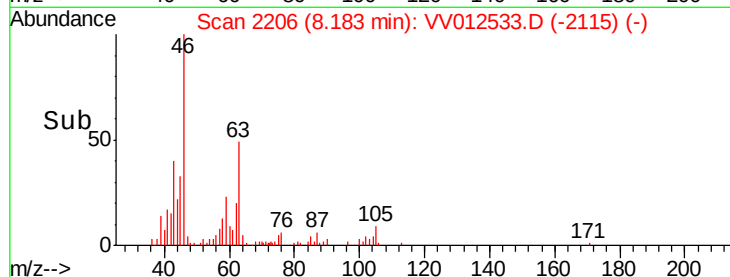
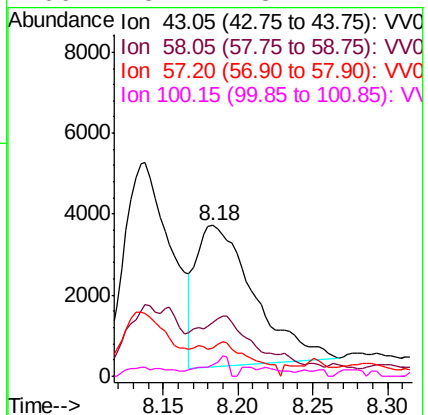
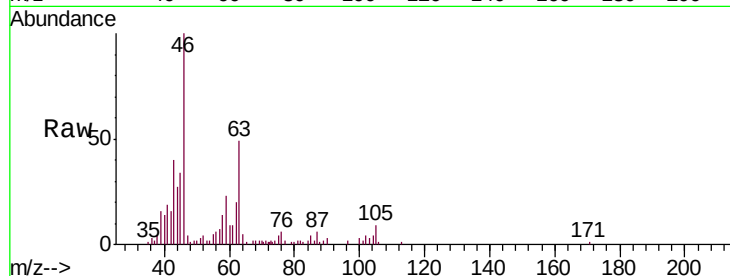




#48
2-Hexanone
Concen: 1.322 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV012533.D
Acq: 02 Sep 2019 17:01

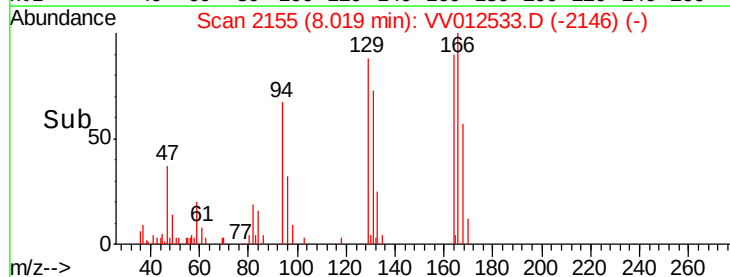
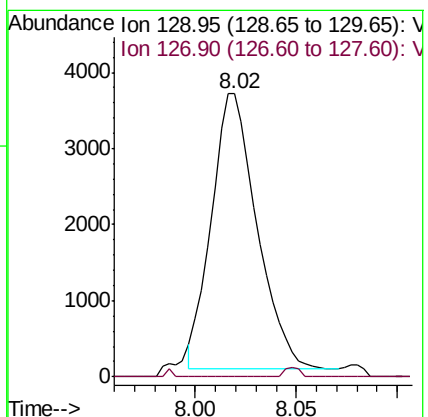
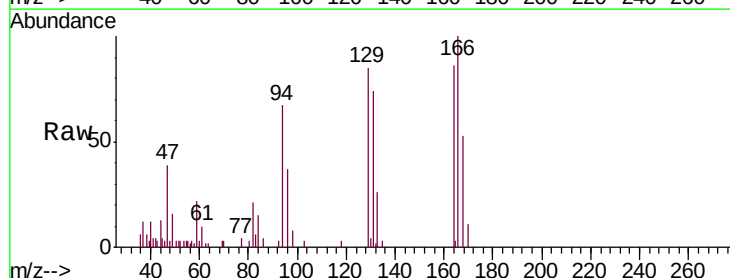
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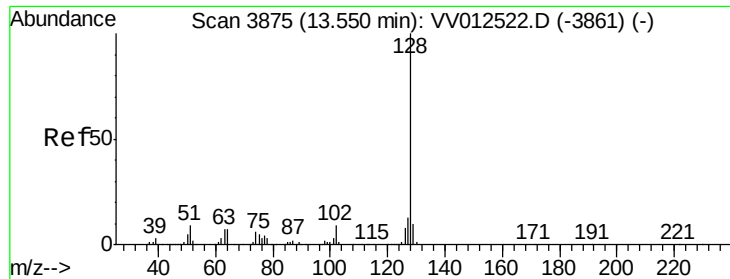
Tgt Ion: 43 Resp: 9340
Ion Ratio Lower Upper
43 100
58 33.3 40.0 60.0#
57 15.5 13.4 20.2
100 5.4 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.443 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012533.D
Acq: 02 Sep 2019 17:01

Tgt Ion: 129 Resp: 5653
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#





#69

Naphthalene

Concen: 1.991 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV012533.D

Acq: 02 Sep 2019 17:01

Instrument :

MSVOA_V

ClientSampleId :

BFD66

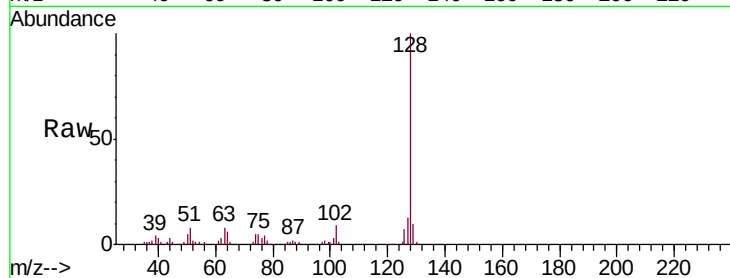
Tgt Ion:128 Resp: 42593

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.9 11.0 16.4



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

