

Data File : VV012528.D
Acq On : 02 Sep 2019 14:53
Operator : SY/MD
Sample : K4607-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD58

Quant Time: Sep 03 05:47:48 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	5.69	114	149160	5.00	ug/L	0.03
28) Chlorobenzene-d5	8.90	117	140303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57448	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	83978	5.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.00%
7) Chloroethane-d5	1.58	69	77340	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.14	63	117684	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.04	46	110960	40.20	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.40%
24) Chloroform-d	4.42	84	97042	4.35	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.11	65	53463	4.63	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.12	84	186383	4.71	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.14	67	60290	4.85	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.37	98	154510	4.32	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.68	79	19628	4.32	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.15	63	76409	44.97	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38512	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	50474	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

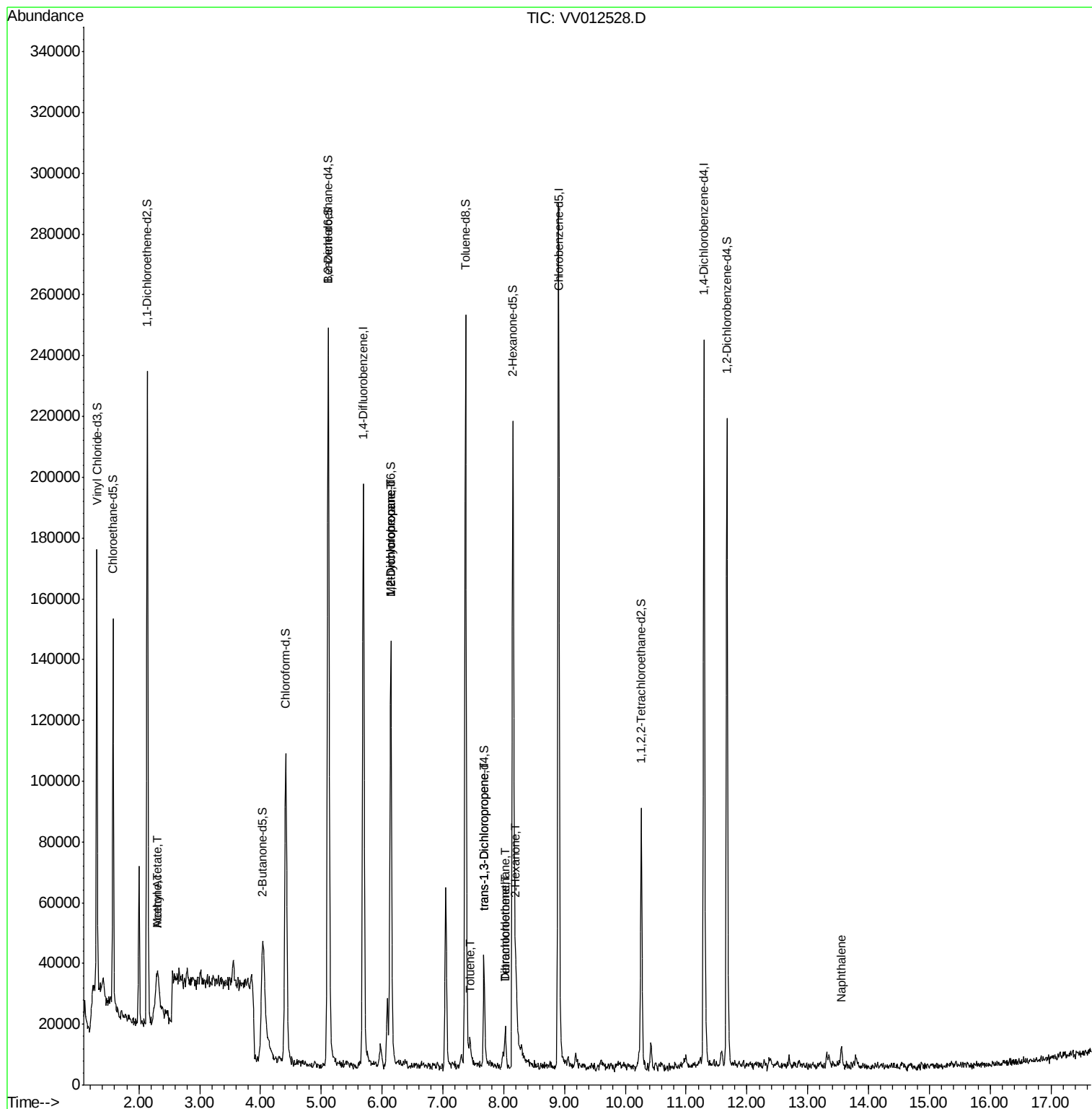
					Qvalue
13) Acetone	2.29	43	50890	12.991 ug/L	89
15) Methyl Acetate	2.29	43	50890	5.360 ug/L #	55
35) Methylcyclohexane	6.14	83	14600	0.602 ug/L #	18
37) 1,2-Dichloropropane	6.14	63	7739	0.502 ug/L #	91
42) Toluene	7.44	91	3988	0.064 ug/L	86
44) trans-1,3-Dichloropropene	7.67	75	1592	0.100 ug/L	100
47) Tetrachloroethene	8.03	164	2520	0.218 ug/L	96
48) 2-Hexanone	8.20	43	8252	1.315 ug/L #	83
49) Dibromochloromethane	8.03	129	2286	0.201 ug/L #	10
69) Naphthalene	13.56	128	3610	0.184 ug/L #	90

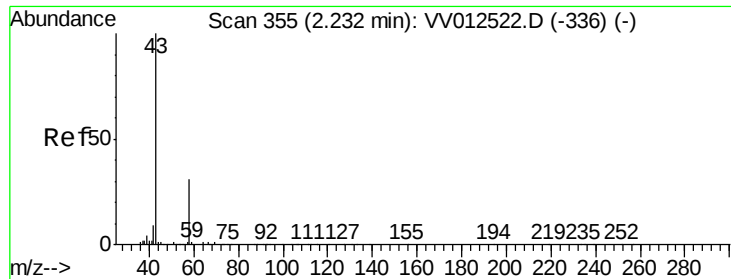
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.991 ug/L

RT: 2.29 min Scan# 374

Delta R.T. 0.06 min

Lab File: VV012528.D

Acq: 02 Sep 2019 14:53

Instrument :

MSVOA_V

ClientSampleId :

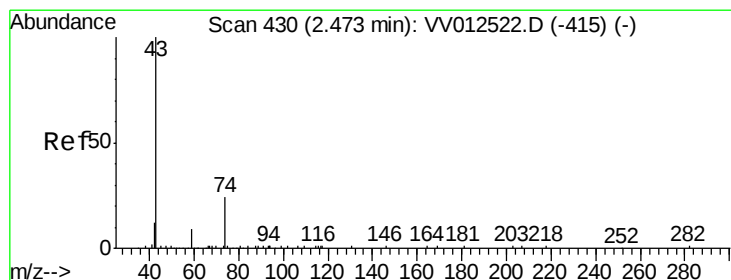
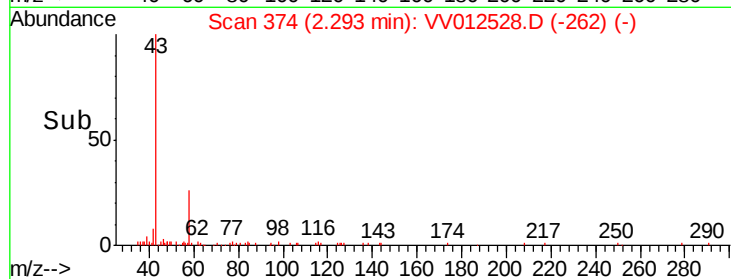
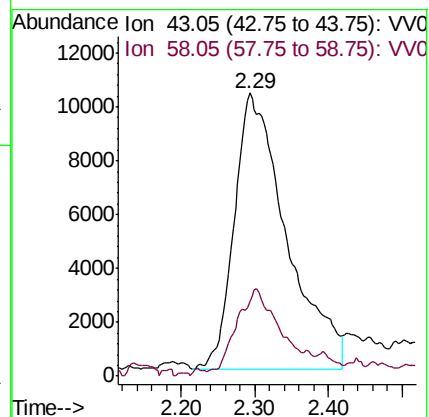
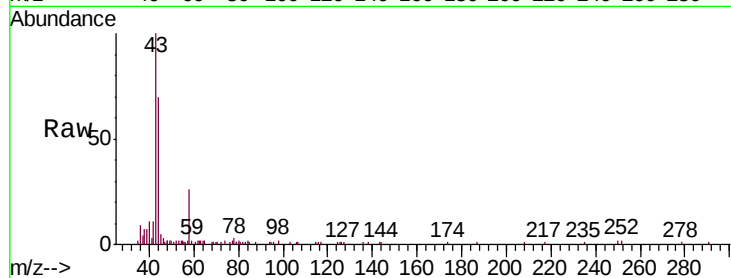
BFD58

Tgt Ion: 43 Resp: 50890

Ion Ratio Lower Upper

43 100

58 23.0 0.0 58.2



#15

Methyl Acetate

Concen: 5.360 ug/L

RT: 2.29 min Scan# 374

Delta R.T. -0.18 min

Lab File: VV012528.D

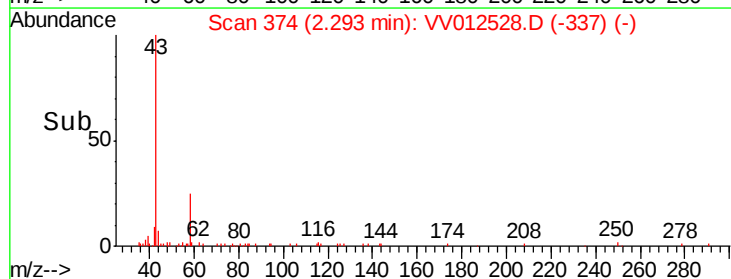
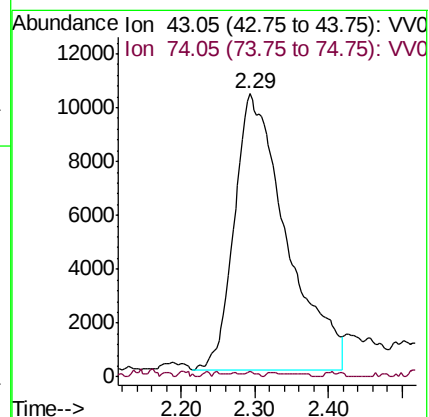
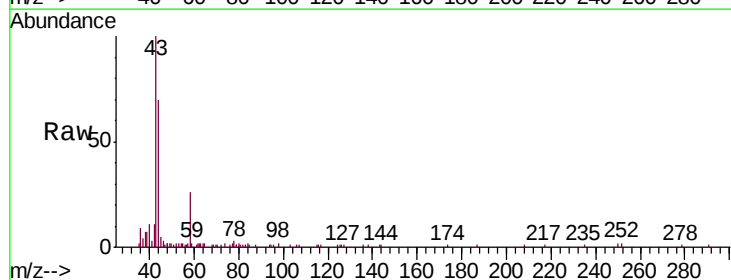
Acq: 02 Sep 2019 14:53

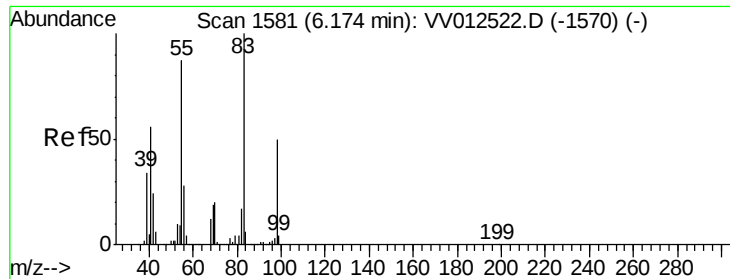
Tgt Ion: 43 Resp: 50890

Ion Ratio Lower Upper

43 100

74 0.3 17.3 25.9#

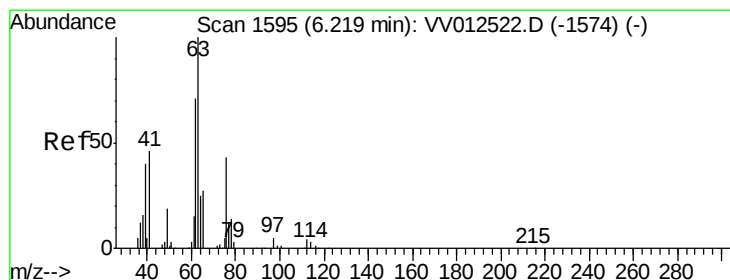
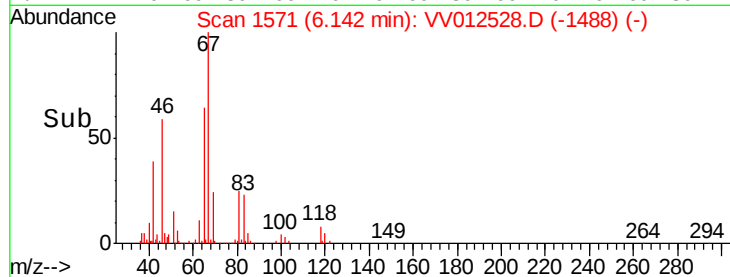
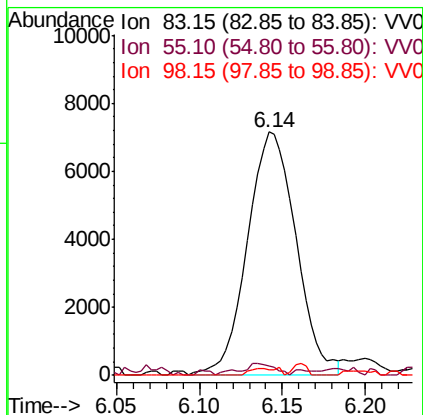
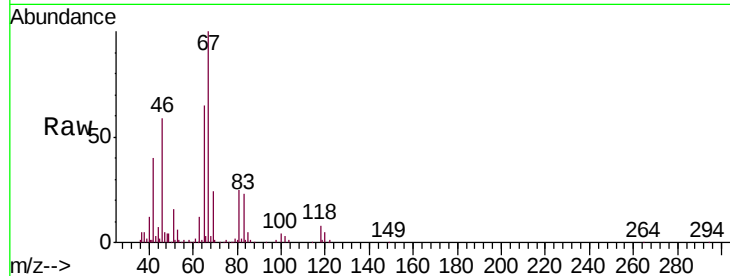




#35
Methylcyclohexane
Concen: 0.602 ug/L
RT: 6.14 min Scan# 1571
Delta R.T. -0.03 min
Lab File: VV012528.D
Acq: 02 Sep 2019 14:53

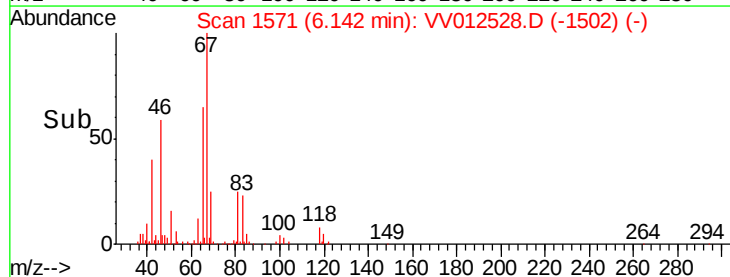
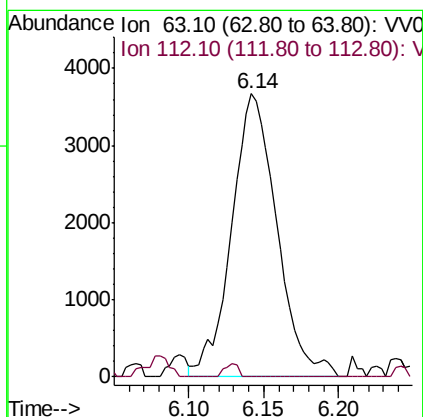
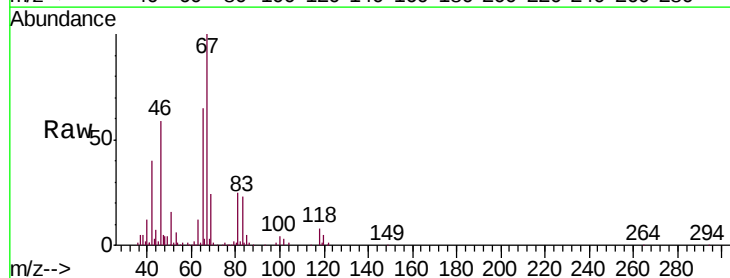
Instrument :
MSVOA_V
ClientSampleId :
BFD58

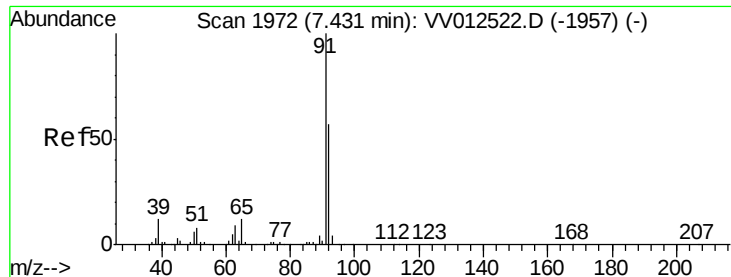
Tgt Ion: 83 Resp: 14600
Ion Ratio Lower Upper
83 100
55 2.8 67.3 100.9#
98 1.6 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.14 min Scan# 1571
Delta R.T. -0.08 min
Lab File: VV012528.D
Acq: 02 Sep 2019 14:53

Tgt Ion: 63 Resp: 7739
Ion Ratio Lower Upper
63 100
112 1.4 3.5 5.3#





#42

Toluene

Concen: 0.064 ug/L

RT: 7.44 min Scan# 1976

Delta R.T. 0.01 min

Lab File: VV012528.D

Acq: 02 Sep 2019 14:53

Instrument :

MSVOA_V

ClientSampled :

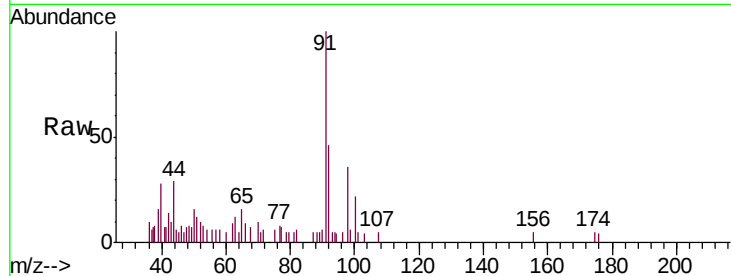
BFD58

Tgt Ion: 91 Resp: 3988

Ion Ratio Lower Upper

91 100

92 46.1 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.44

2500

2000

1500

1000

500

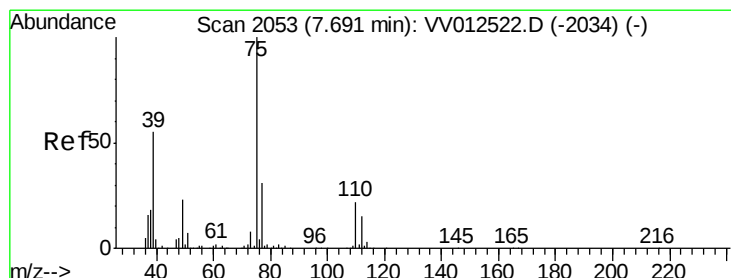
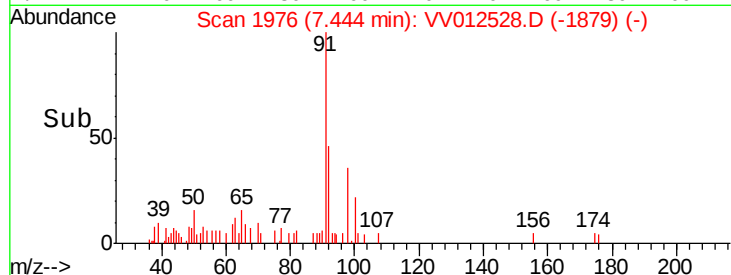
0

7.40

7.45

7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV012528.D

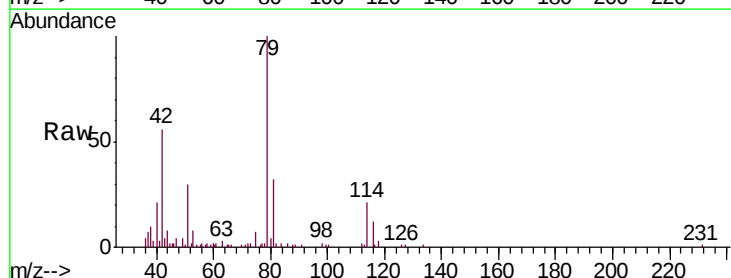
Acq: 02 Sep 2019 14:53

Tgt Ion: 75 Resp: 1592

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

800

600

400

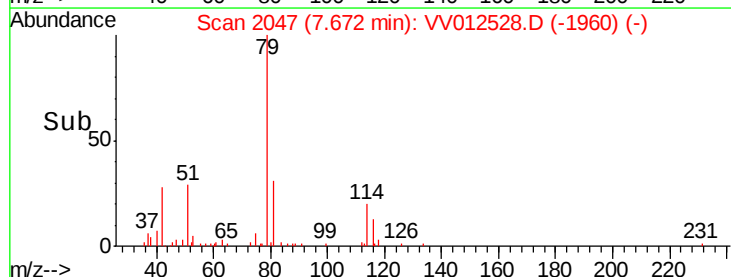
200

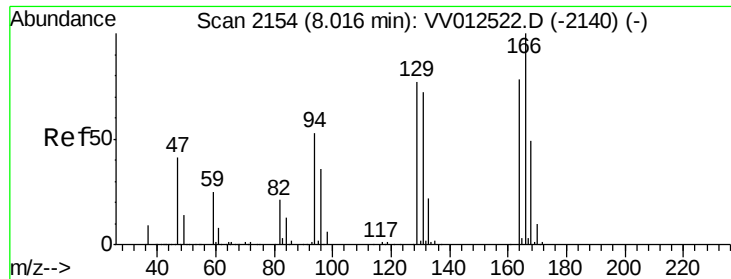
0

7.65

7.70

Time-->





#47

Tetrachloroethene

Concen: 0.218 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV012528.D

Acq: 02 Sep 2019 14:53

Instrument :

MSVOA_V

ClientSampleId :

BFD58

Tgt Ion:164 Resp: 2520

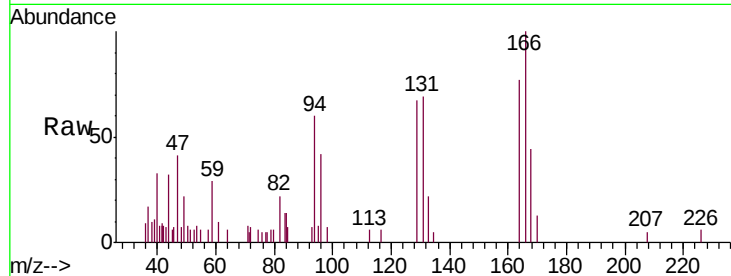
Ion Ratio Lower Upper

164 100

129 87.5 64.5 119.9

131 89.7 62.3 115.7

166 130.0 86.5 160.6

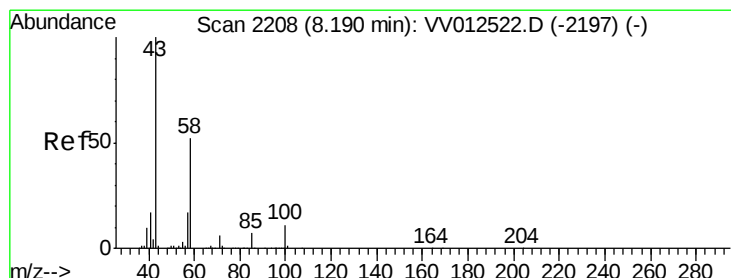
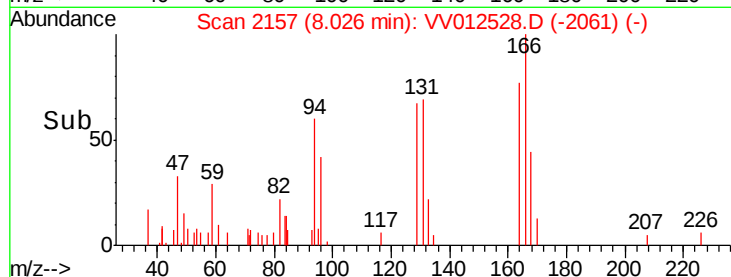
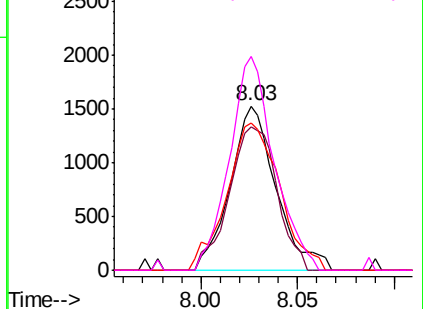


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 1.315 ug/L

RT: 8.20 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VV012528.D

Acq: 02 Sep 2019 14:53

Tgt Ion: 43 Resp: 8252

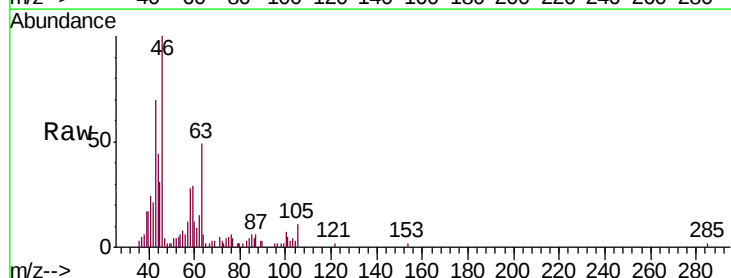
Ion Ratio Lower Upper

43 100

58 57.3 40.0 60.0

57 0.0 13.4 20.2#

100 5.2 8.2 12.2#

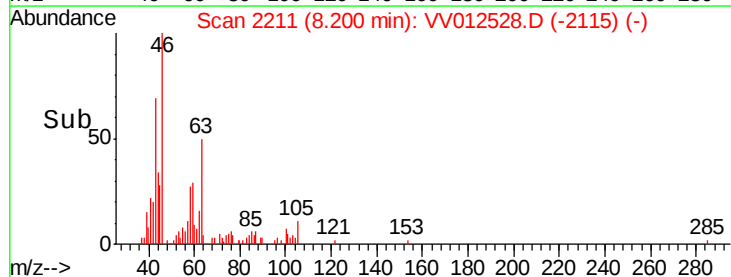
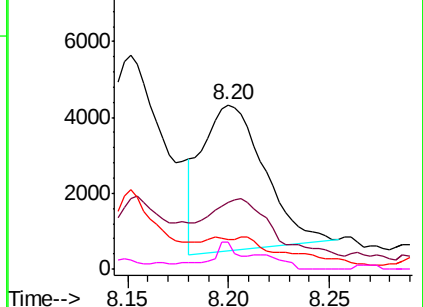


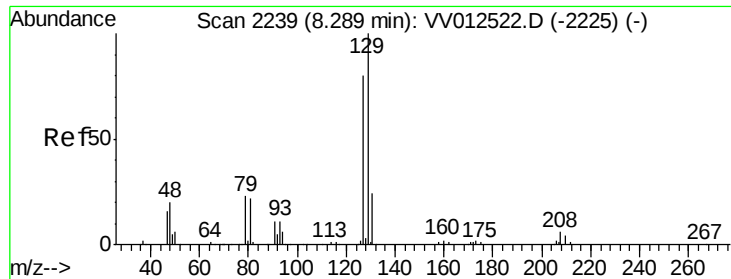
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

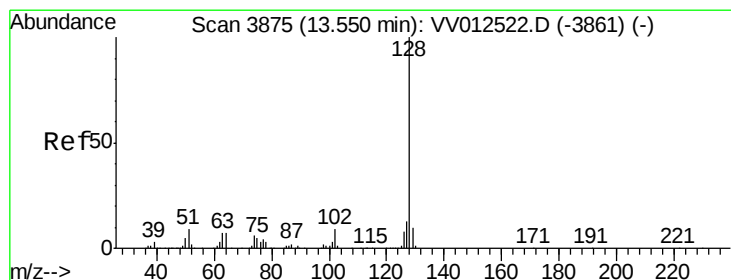
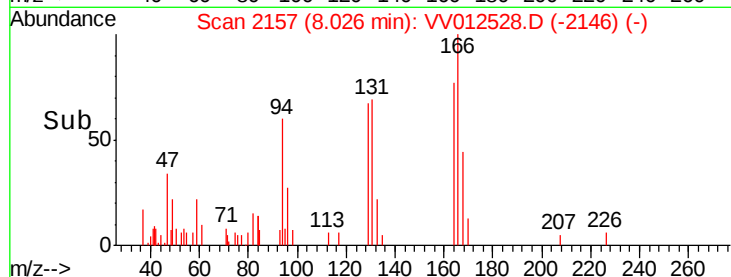
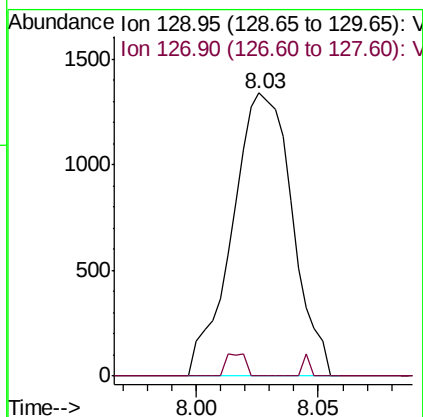
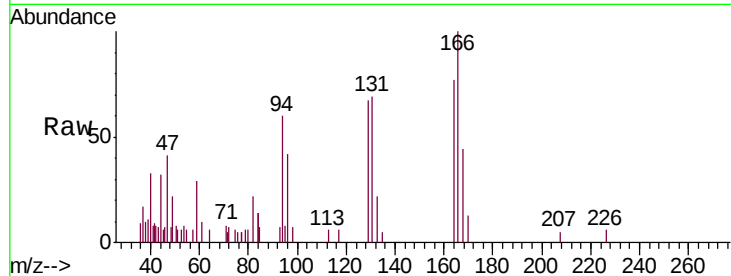




#49
 Dibromochloromethane
 Concen: 0.201 ug/L
 RT: 8.03 min Scan# 2157
 Delta R.T. -0.26 min
 Lab File: VV012528.D
 Acq: 02 Sep 2019 14:53

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD58

Tgt Ion:129 Resp: 2286
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.9 102.1#



#69
 Naphthalene
 Concen: 0.184 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV012528.D
 Acq: 02 Sep 2019 14:53

Tgt Ion:128 Resp: 3610
 Ion Ratio Lower Upper
 128 100
 129 13.9 8.8 13.2#
 127 18.3 11.0 16.4#

