

Data File : VV013918.D
Acq On : 05 Dec 2019 16:00
Operator : SY/MD
Sample : K6165-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBW3

Quant Time: Dec 06 04:10:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	576154	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	581184	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230556	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135459	40.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.30%
7) Chloroethane-d5	1.57	69	157592	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.13	63	234680	31.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.70%
21) 2-Butanone-d5	3.92	46	263016	112.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.14%
24) Chloroform-d	4.39	84	343218	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.07	65	222406	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.09	84	671995	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.11	67	217677	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.35	98	568180	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%
43) trans-1,3-Dichloropropene-	7.66	79	94890	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.28%
47) 2-Hexanone-d5	8.13	63	152314	90.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.23%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	323791	49.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.94%
64) 1,2-Dichlorobenzene-d4	11.67	152	247086	54.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.14%

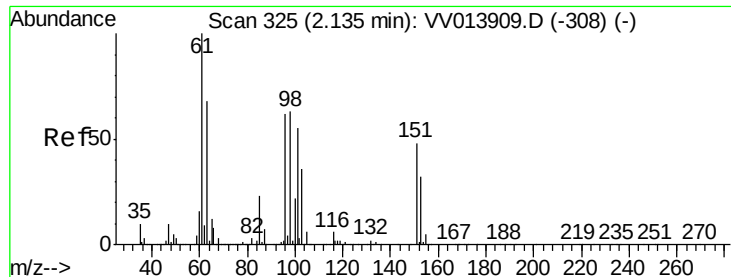
Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2780	0.642 ug/L #	21
13) Acetone	2.18	43	13118	3.817 ug/L	93
25) Chloroform	4.42	83	115346	14.628 ug/L	99
38) Bromodichloromethane	6.55	83	51010	8.587 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	5817	1.068 ug/L #	55
46) Tetrachloroethene	8.02	164	3192	0.762 ug/L	88
48) 2-Hexanone	8.18	43	10265	2.356 ug/L #	37
49) Dibromochloromethane	8.29	129	16703	3.286 ug/L	96
59) 1,2,3-Trichloropropane	11.29	75	22651	3.996 ug/L	90

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.642 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

DBBW3

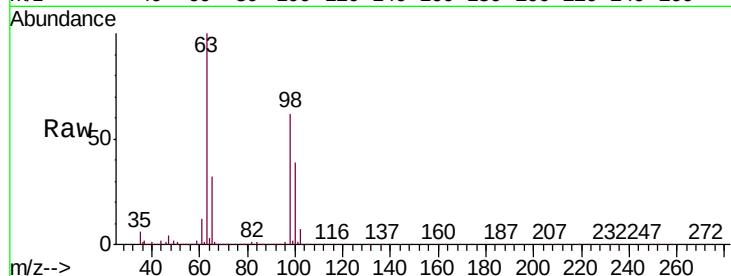
Tgt Ion:101 Resp: 2780

Ion Ratio Lower Upper

101 100

85 8.7 32.5 48.7#

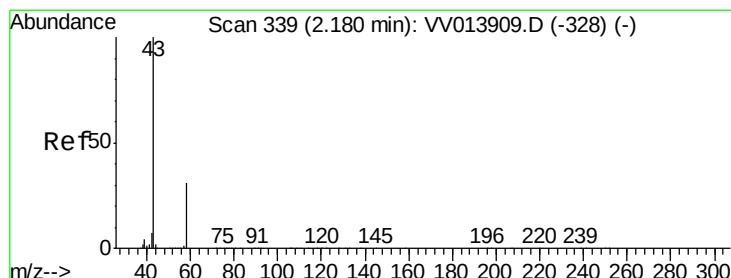
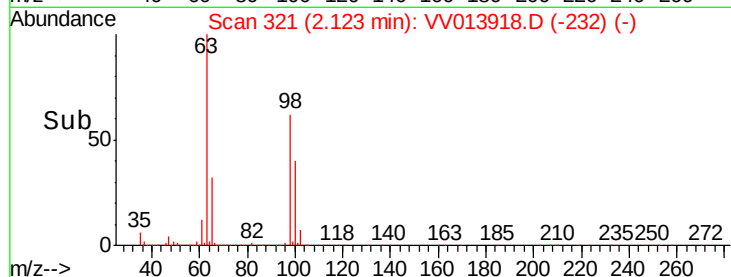
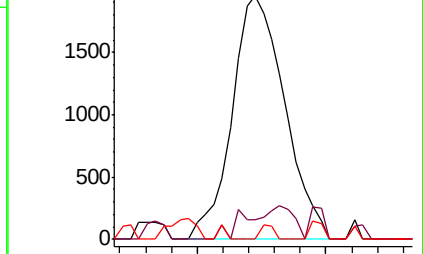
151 1.5 69.8 104.6#



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



#13

Acetone

Concen: 3.817 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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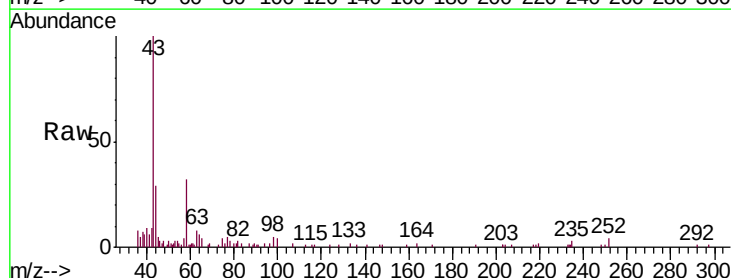
Acq: 05 Dec 2019 16:00

Tgt Ion: 43 Resp: 13118

Ion Ratio Lower Upper

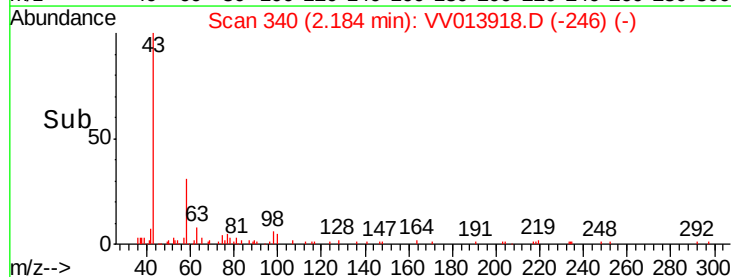
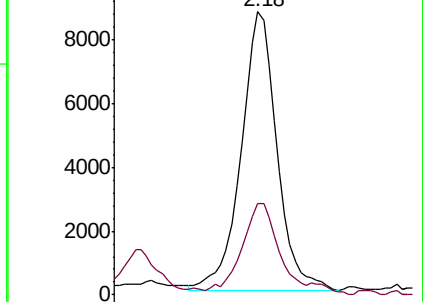
43 100

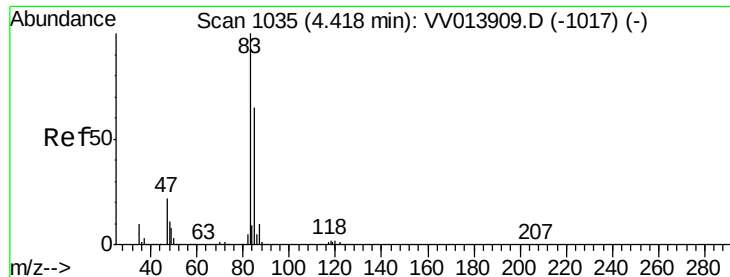
58 26.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 14.628 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013918.D

Acq: 05 Dec 2019 16:00

Instrument :

MSVOA_V

ClientSampled :

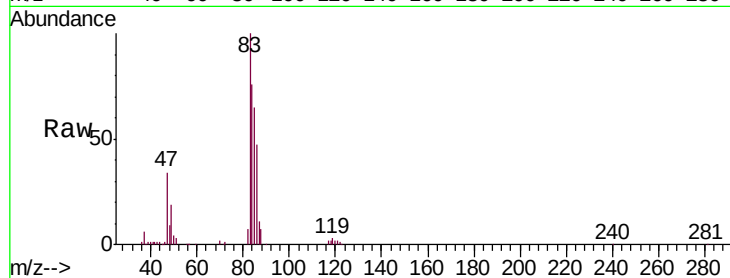
DBBW3

Tgt Ion: 83 Resp: 115346

Ion Ratio Lower Upper

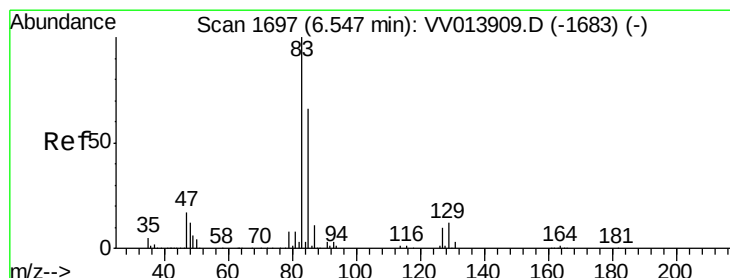
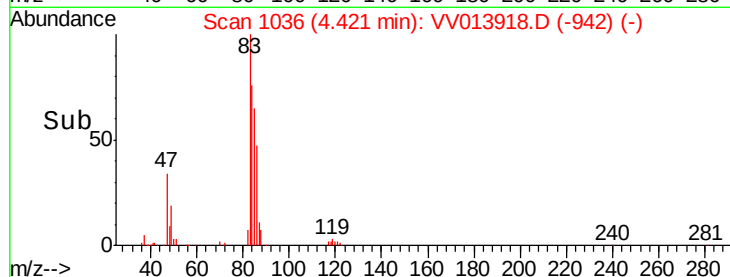
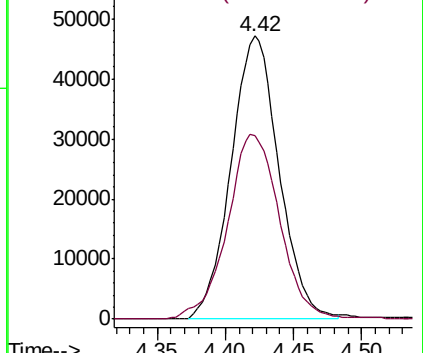
83 100

85 64.7 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#38

Bromodichloromethane

Concen: 8.587 ug/L

RT: 6.55 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VV013918.D

Acq: 05 Dec 2019 16:00

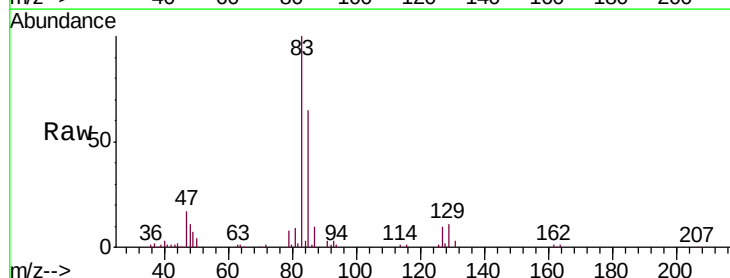
Tgt Ion: 83 Resp: 51010

Ion Ratio Lower Upper

83 100

85 65.0 44.8 83.2

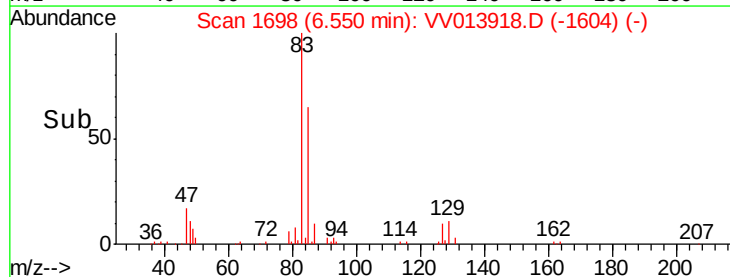
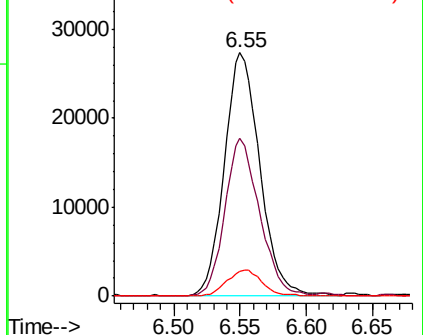
127 10.1 7.7 11.5

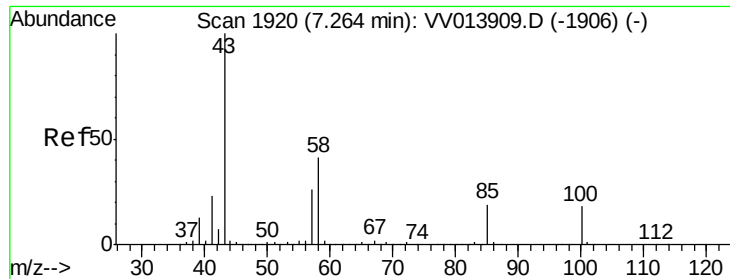


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 127.00 (126.70 to 127.70): V

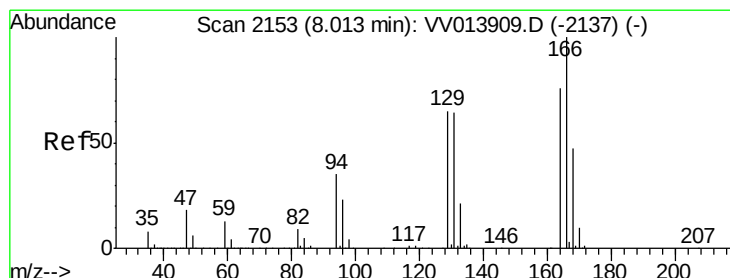
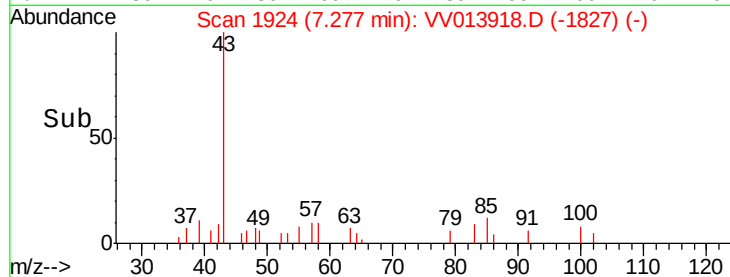
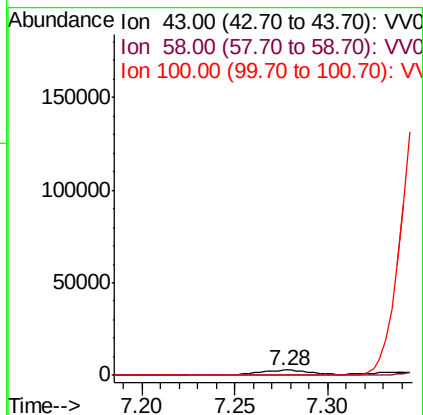
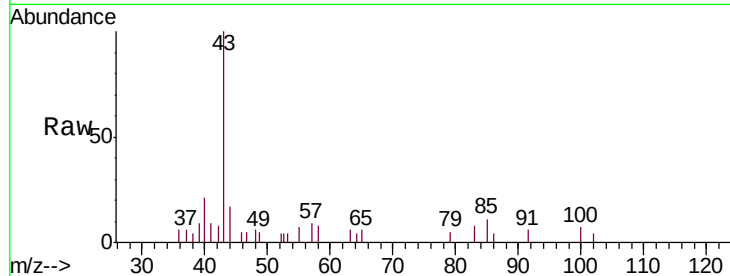




#40
4-Methyl-2-pentanone
Concen: 1.068 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.01 min
Lab File: VV013918.D
Acq: 05 Dec 2019 16:00

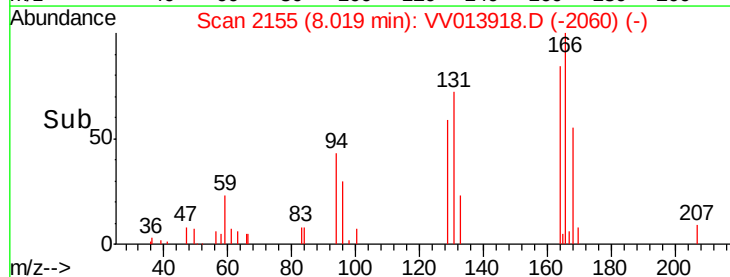
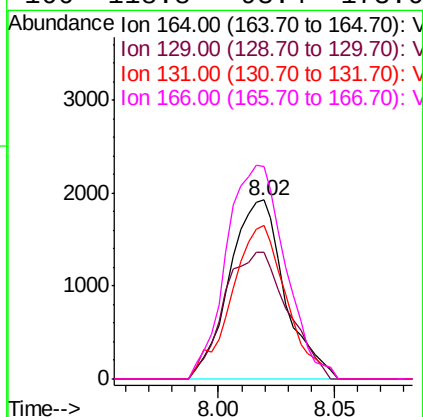
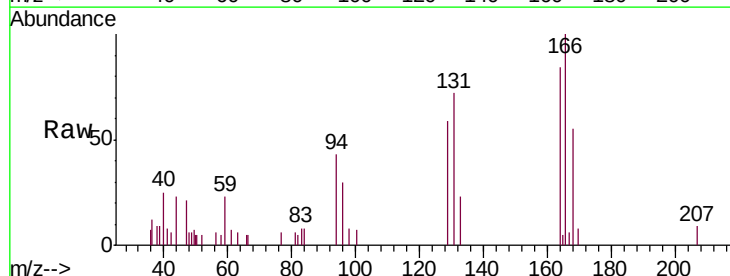
Instrument :
MSVOA_V
ClientSampleId :
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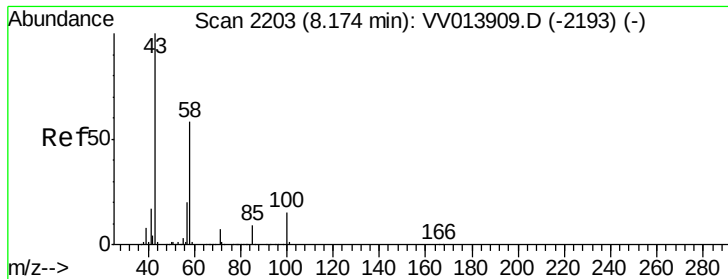
Tgt Ion: 43 Resp: 5817
Ion Ratio Lower Upper
43 100
58 9.2 31.9 47.9#
100 3.0 13.7 20.5#



#46
Tetrachloroethene
Concen: 0.762 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VV013918.D
Acq: 05 Dec 2019 16:00

Tgt Ion: 164 Resp: 3192
Ion Ratio Lower Upper
164 100
129 70.6 61.7 114.7
131 85.9 58.4 108.6
166 118.8 93.4 173.6

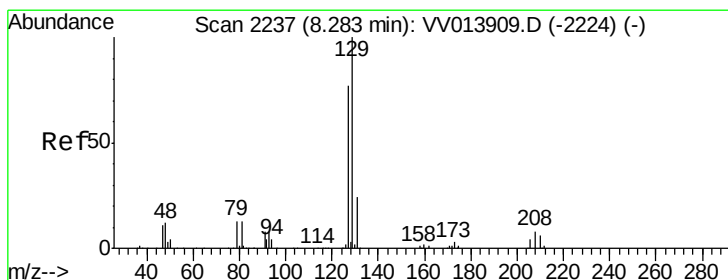
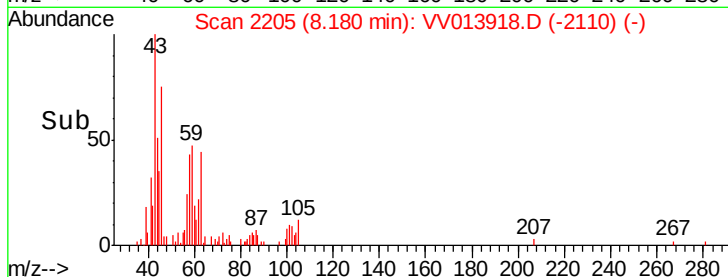
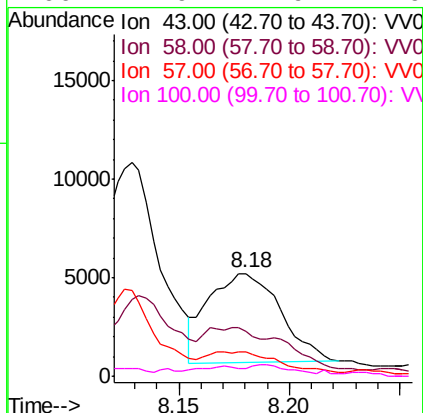
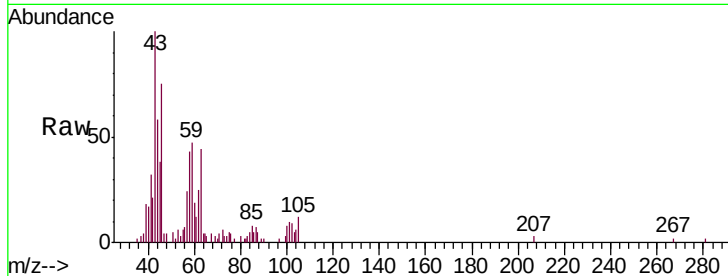




#48
2-Hexanone
Concen: 2.356 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VV013918.D
Acq: 05 Dec 2019 16:00

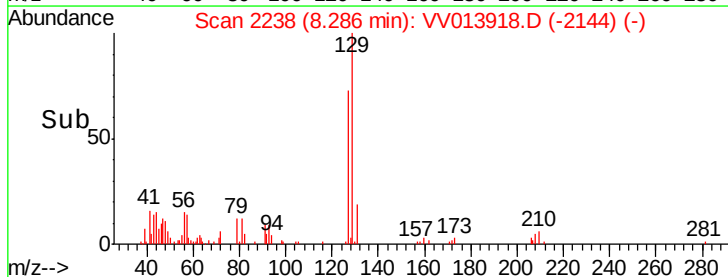
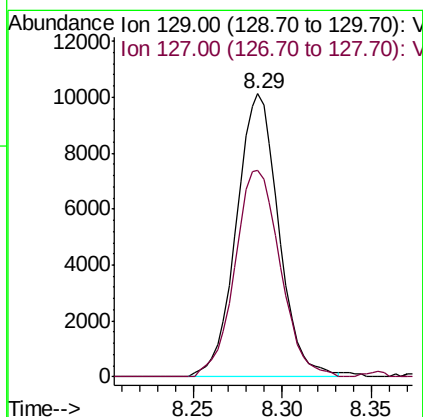
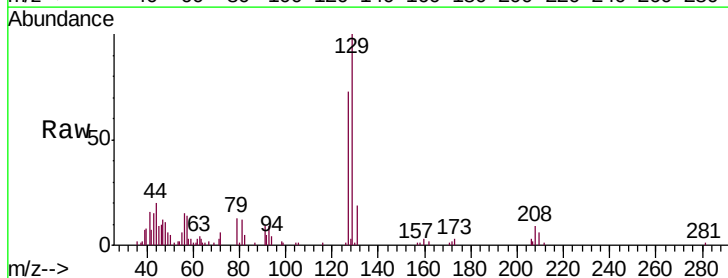
Instrument :
MSVOA_V
ClientSampleId :
DBBW3

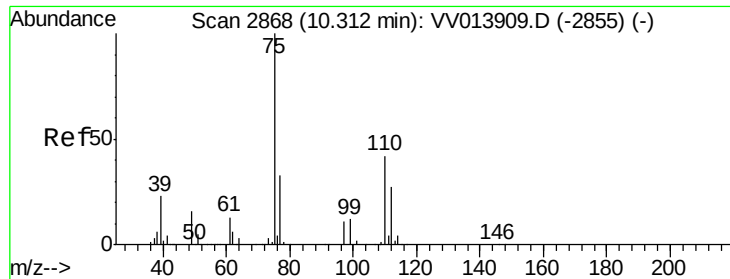
Tgt Ion:	43	Resp:	10265
Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.4	72.6#
57	0.0	16.6	24.8#
100	4.9	11.9	17.9#



#49
Dibromochloromethane
Concen: 3.286 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013918.D
Acq: 05 Dec 2019 16:00

Tgt Ion:	129	Resp:	16703
Ion	Ratio	Lower	Upper
129	100		
127	73.0	53.7	99.7





#59

1,2,3-Trichloropropane

Concen: 3.996 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV013918.D

Acq: 05 Dec 2019 16:00

Instrument :

MSVOA_V

ClientSampleId :

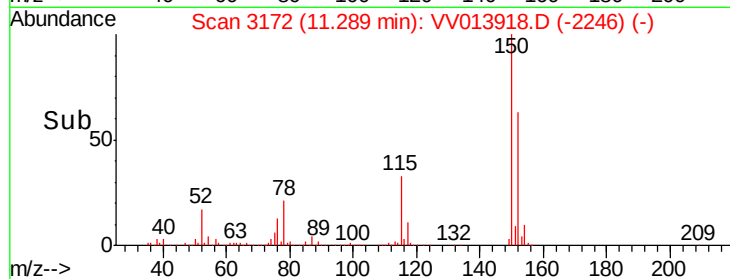
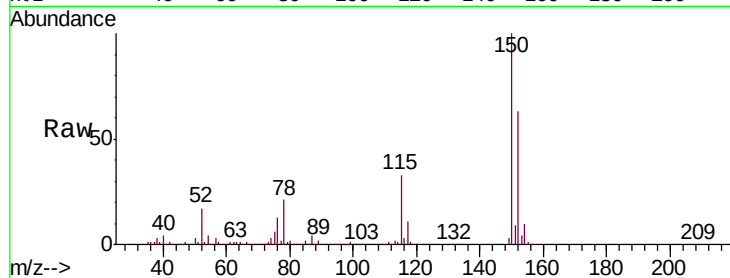
DBBW3

Tgt Ion: 75 Resp: 22651

Ion Ratio Lower Upper

75 100

77 38.1 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

