

Data File : VV009019.D
Acq On : 18 Dec 2018 17:39
Operator : SY/MD
Sample : J6418-08
Misc : 3.75G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF003

Quant Time: Dec 19 06:22:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	230110	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72809	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60057	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
7) Chloroethane-d5	1.58	69	62213	35.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.44%
10) 1,1-Dichloroethene-d2	2.13	63	158728	26.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.64%
20) 2-Butanone-d5	3.94	46	29658	34.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.42%
24) Chloroform-d	4.40	84	141724	25.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.48%
26) 1,2-Dichloroethane-d4	5.08	65	80030	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	5.10	84	291405	27.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.04%
33) 1,2-Dichloropropane-d6	6.12	67	84205	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.52%
37) Toluene-d8	7.36	98	253923	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.64%
38) trans-1,3-Dichloropropene-	7.66	79	32256	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.12%
39) 2-Hexanone-d5	8.13	63	17094	31.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52461	20.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.56%
61) 1,2-Dichlorobenzene-d4	11.68	152	64994	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%

Target Compounds

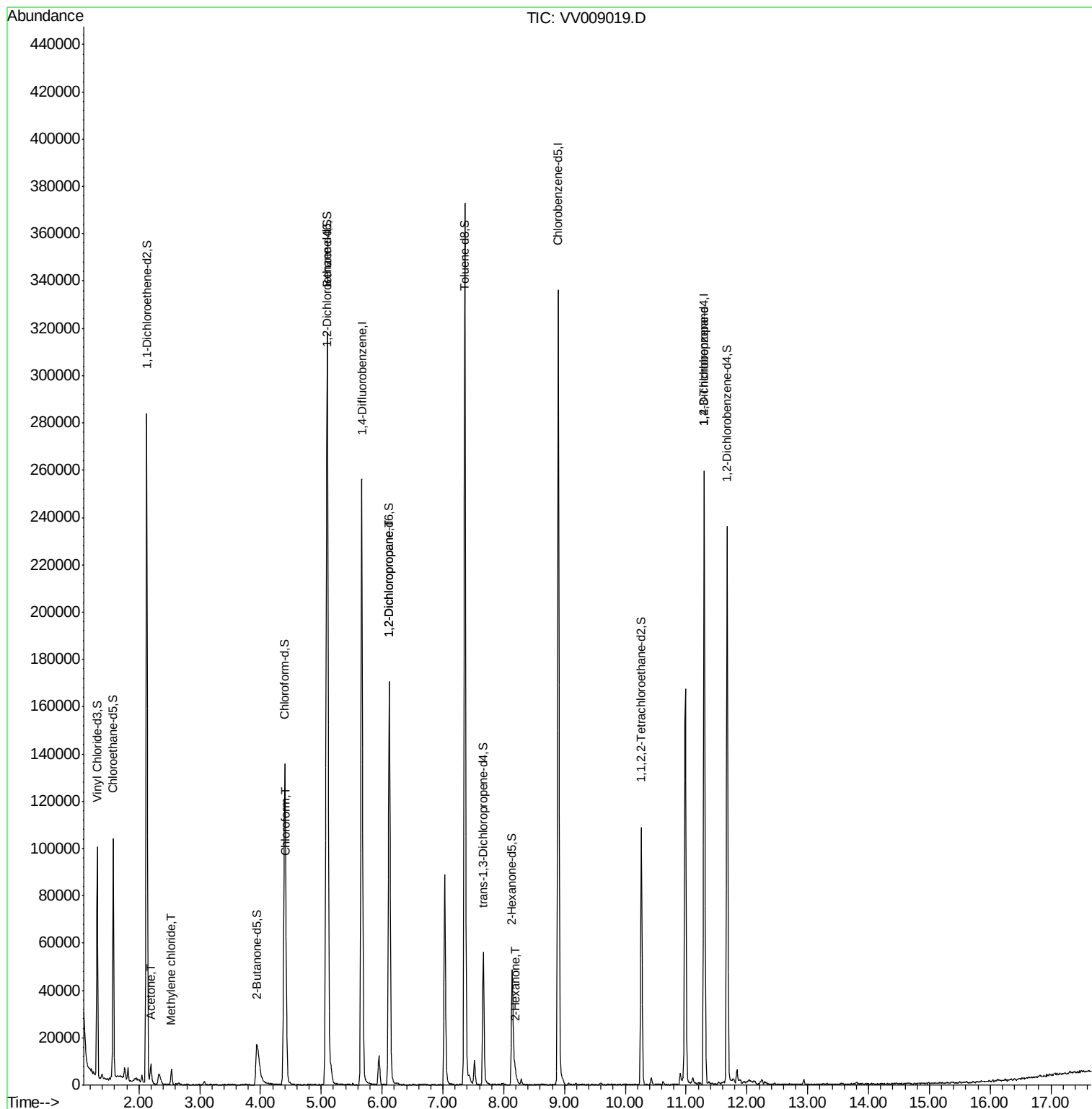
					Qvalue
13) Acetone	2.20	43	8355	6.541 ug/L	97
16) Methylene chloride	2.53	84	2990	0.772 ug/L	93
25) Chloroform	4.43	83	2908	0.521 ug/L #	17
40) 1,2-Dichloropropane	6.12	63	9538	3.465 ug/L #	85
49) 2-Hexanone	8.20	43	4120	2.677 ug/L #	50
59) 1,2,3-Trichloropropane	11.30	75	7629	3.556 ug/L	90

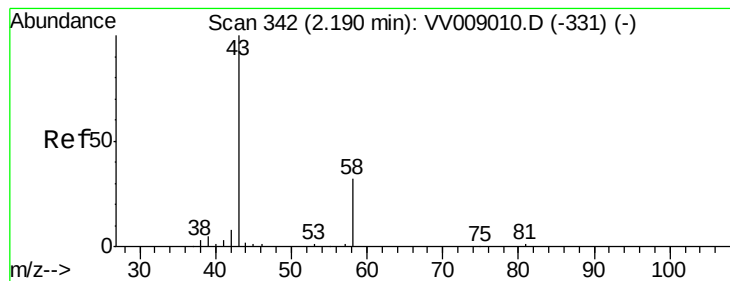
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.541 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV009019.D

Acq: 18 Dec 2018 17:39

Instrument :

MSVOA_V

ClientSampleId :

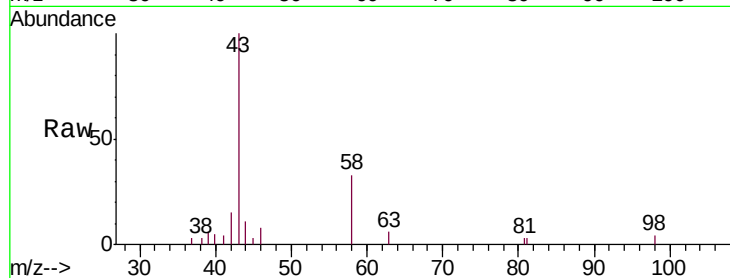
BF003

Tgt Ion: 43 Resp: 8355

Ion Ratio Lower Upper

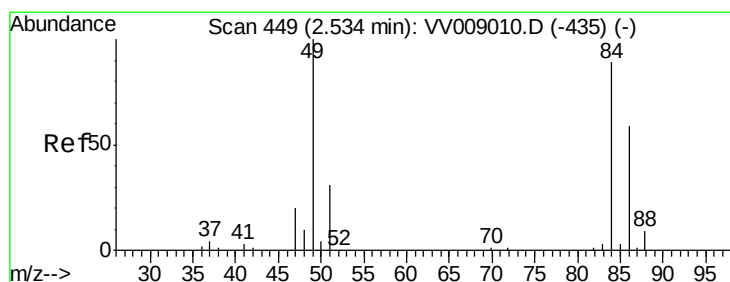
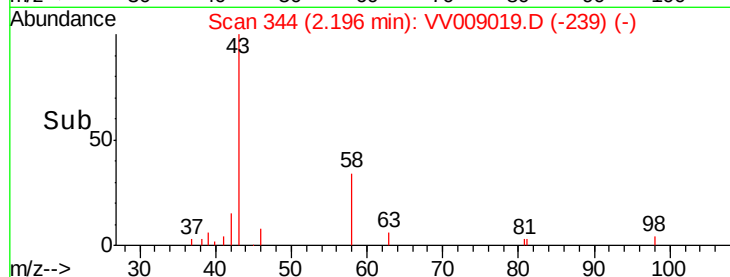
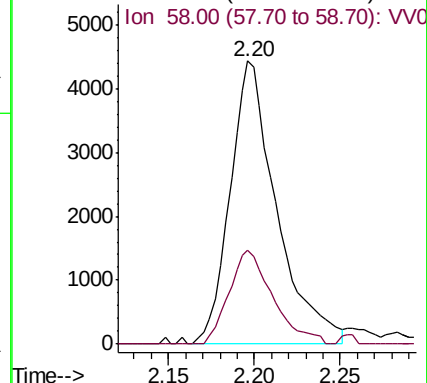
43 100

58 31.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009019.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV009019.D (-239) (-)



#16

Methylene chloride

Concen: 0.772 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009019.D

Acq: 18 Dec 2018 17:39

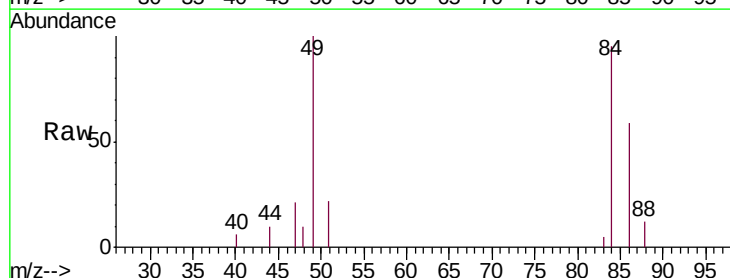
Tgt Ion: 84 Resp: 2990

Ion Ratio Lower Upper

84 100

49 104.8 80.5 149.5

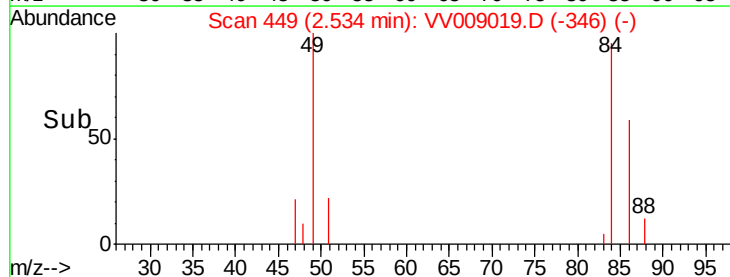
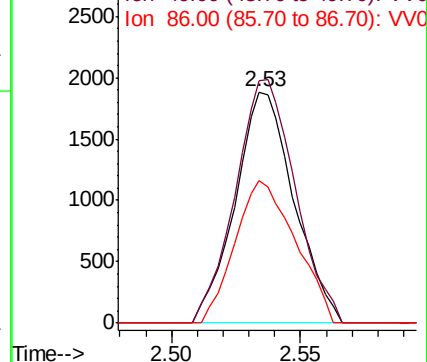
86 61.9 45.5 84.5

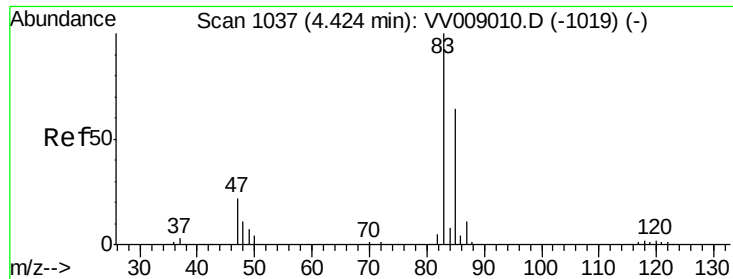


Abundance Ion 84.00 (83.70 to 84.70): VV009019.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009019.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009019.D (-346) (-)

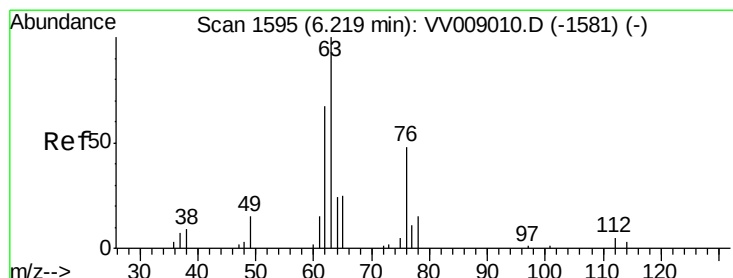
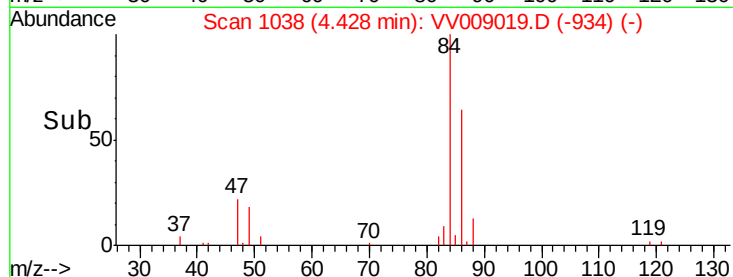
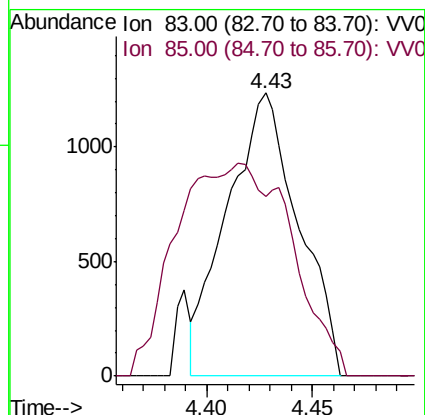
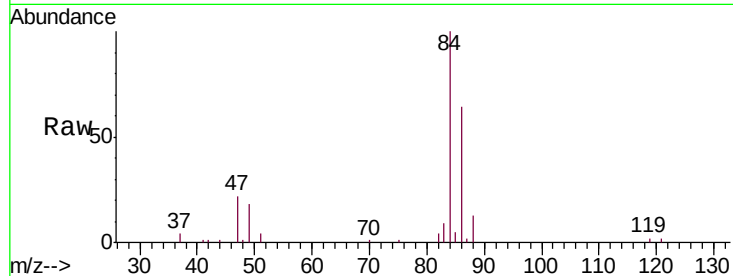




#25
Chloroform
Concen: 0.521 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009019.D
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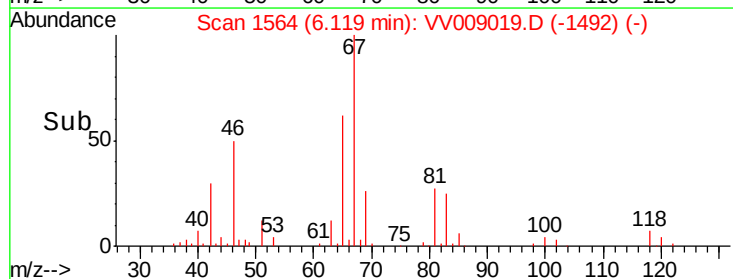
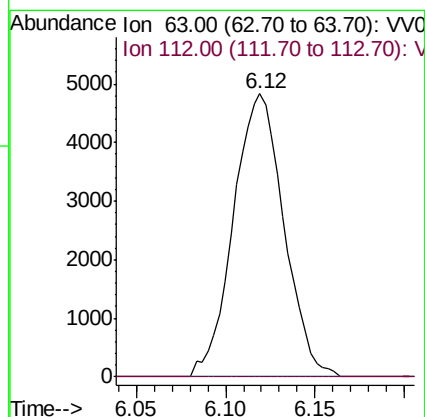
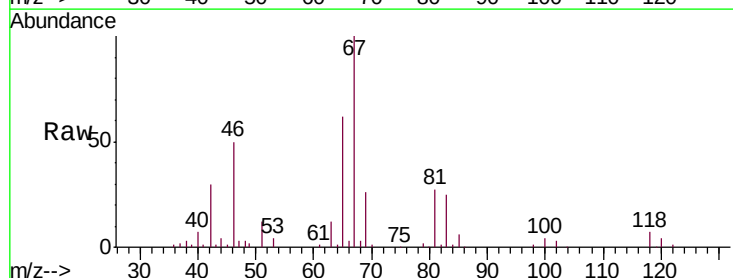
Instrument :
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ClientSampled :
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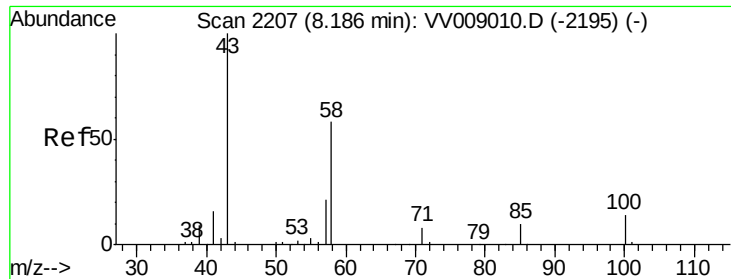
Tgt Ion: 83 Resp: 2908
Ion Ratio Lower Upper
83 100
85 0.0 45.6 84.8#



#40
1,2-Dichloropropane
Concen: 3.465 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009019.D
Acq: 18 Dec 2018 17:39

Tgt Ion: 63 Resp: 9538
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

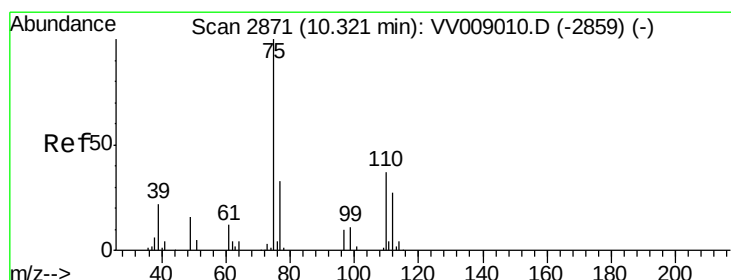
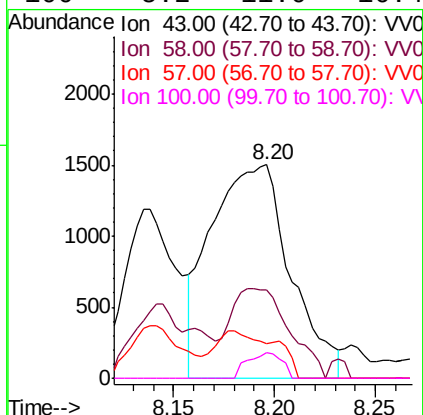
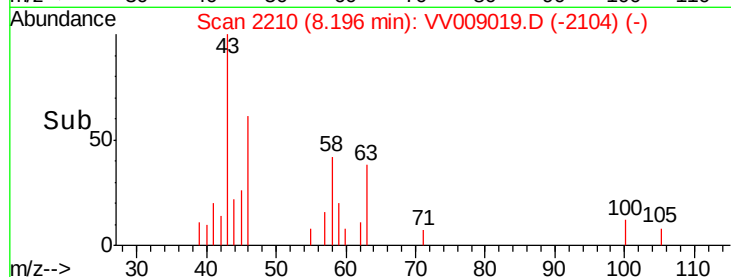
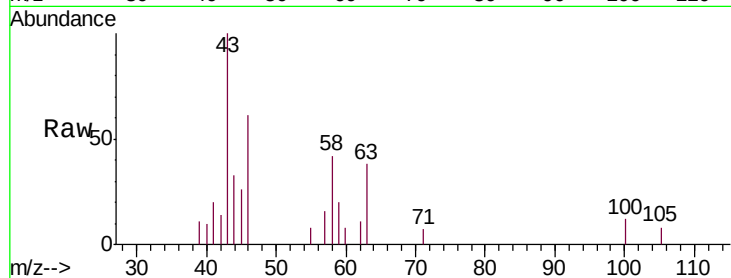




#49
2-Hexanone
Concen: 2.677 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV009019.D
Acq: 18 Dec 2018 17:39

Instrument :
MSVOA_V
ClientSampleId :
BF003

Tgt Ion: 43 Resp: 4120
Ion Ratio Lower Upper
43 100
58 8.8 43.9 65.9#
57 5.9 15.7 23.5#
100 5.2 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.556 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009019.D
Acq: 18 Dec 2018 17:39

Tgt Ion: 75 Resp: 7629
Ion Ratio Lower Upper
75 100
77 37.5 25.6 38.4

