

Data File : VV010879.D
Acq On : 15 May 2019 01:05
Operator : SY/MD
Sample : K2798-07
Misc : 4.55G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB877

Quant Time: May 15 08:12:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135935	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127038	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47887	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37452	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
7) Chloroethane-d5	1.56	69	29177	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.40%
10) 1,1-Dichloroethene-d2	2.12	63	56426	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	3.93	46	20944	38.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.88%
24) Chloroform-d	4.39	84	76623	19.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.08%
26) 1,2-Dichloroethane-d4	5.07	65	51637	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.56%
29) Benzene-d6	5.09	84	172912	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	6.11	67	56533	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	7.36	98	149081	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.24%
38) trans-1,3-Dichloropropene-	7.66	79	19383	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.24%
39) 2-Hexanone-d5	8.13	63	13913	32.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48594	23.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	46046	23.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.08%

Target Compounds

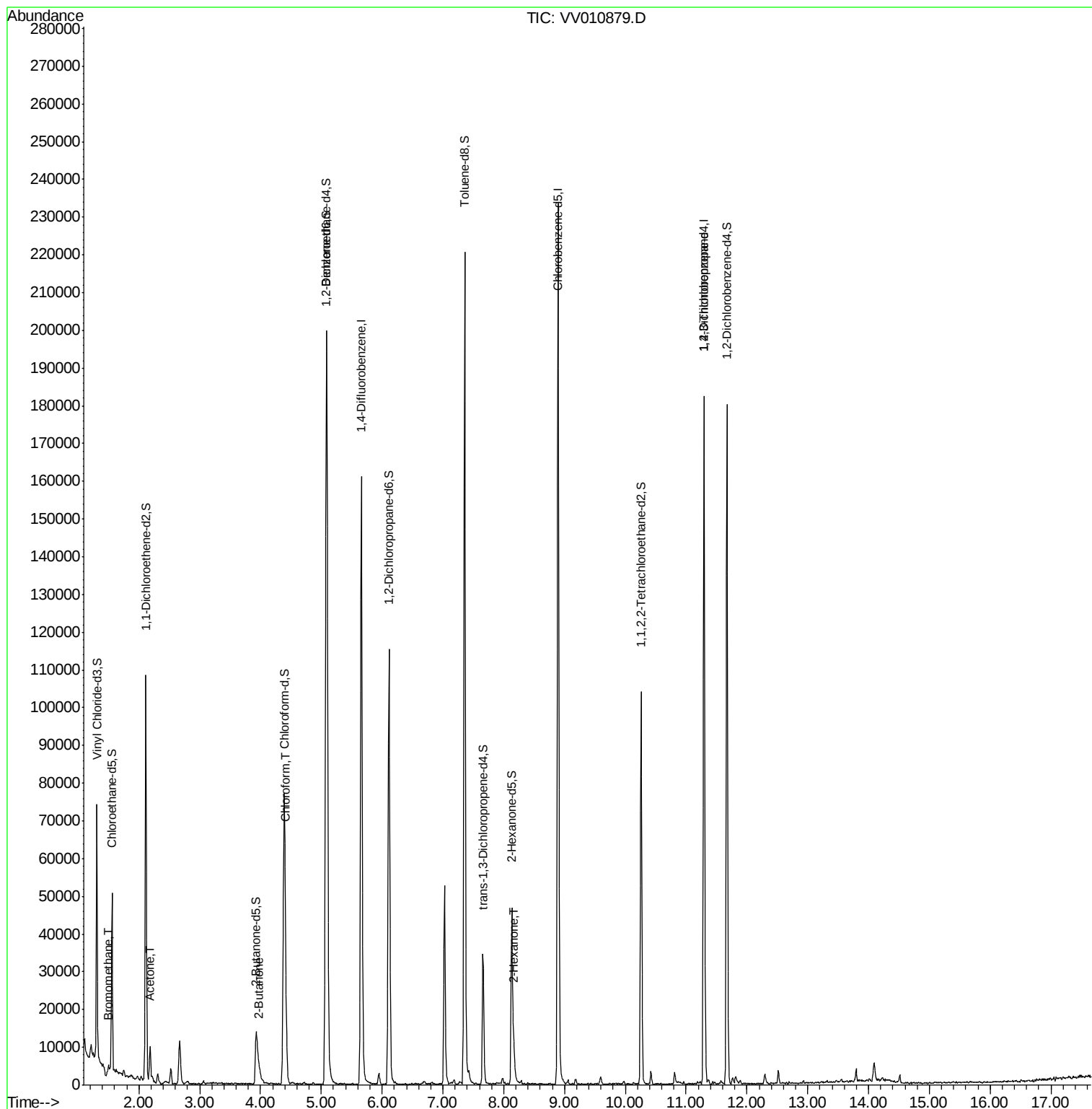
					Qvalue
6) Bromomethane	1.51	94	456	1.010 ug/L	89
13) Acetone	2.18	43	8723	15.717 ug/L	97
21) 2-Butanone	3.98	43	1947	2.718 ug/L #	47
25) Chloroform	4.41	83	10170	2.595 ug/L	86
49) 2-Hexanone	8.17	43	5773	5.488 ug/L #	43
59) 1,2,3-Trichloropropane	11.30	75	6365	4.095 ug/L	99

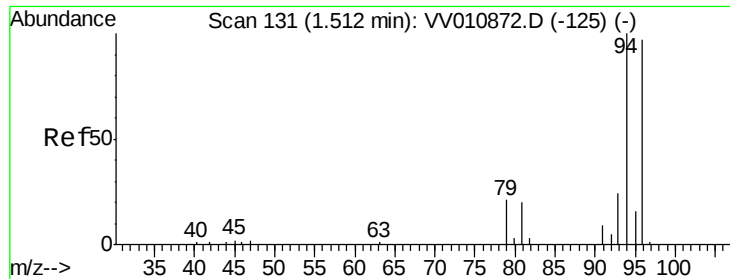
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.010 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.00 min

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Acq: 15 May 2019 01:05

Instrument :

MSVOA_V

ClientSampleId :

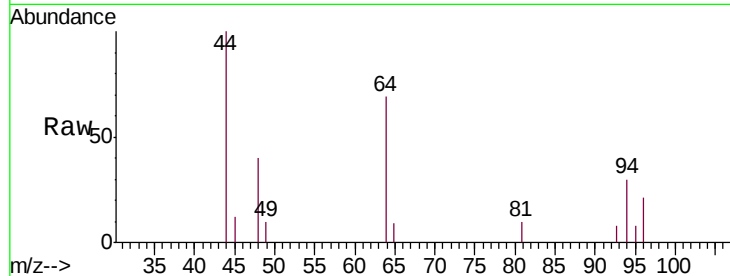
DB877

Tgt Ion: 94 Resp: 456

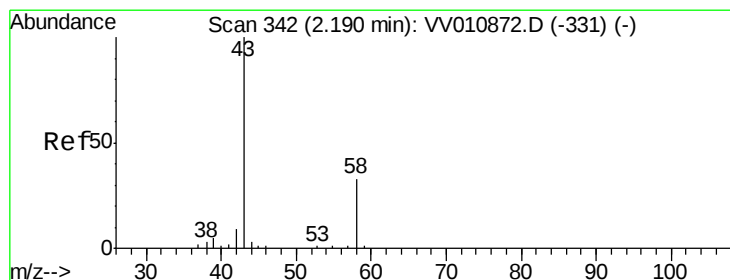
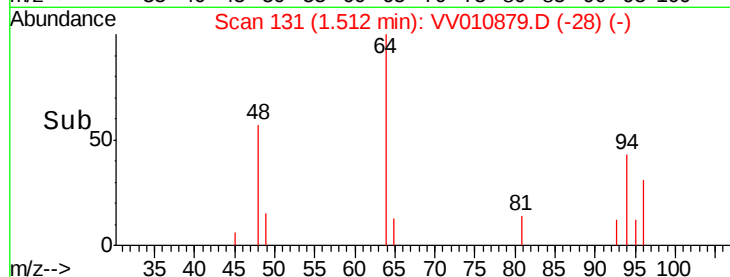
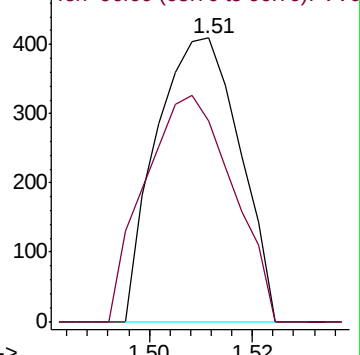
Ion Ratio Lower Upper

94 100

96 84.4 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010872.D (-125) (-)



#13

Acetone

Concen: 15.717 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010879.D

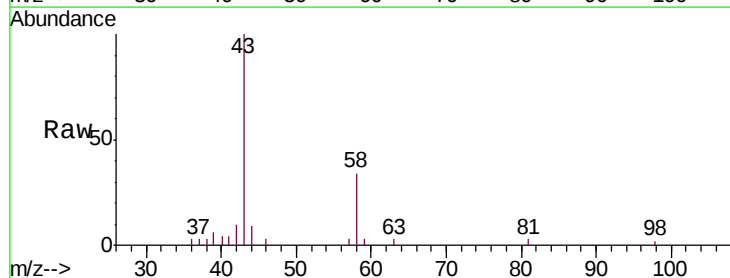
Acq: 15 May 2019 01:05

Tgt Ion: 43 Resp: 8723

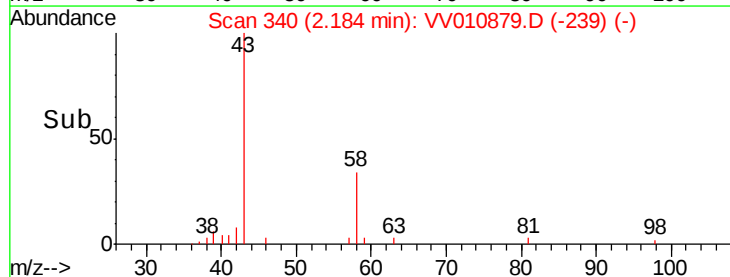
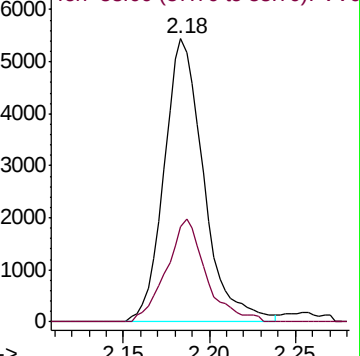
Ion Ratio Lower Upper

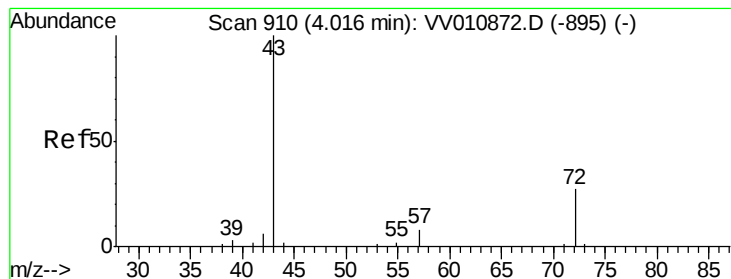
43 100

58 36.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010872.D (-331) (-)





#21

2-Butanone

Concen: 2.718 ug/L

RT: 3.98 min Scan# 900

Delta R.T. -0.03 min

Lab File: VV010879.D

Acq: 15 May 2019 01:05

Instrument :

MSVOA_V

ClientSampled :

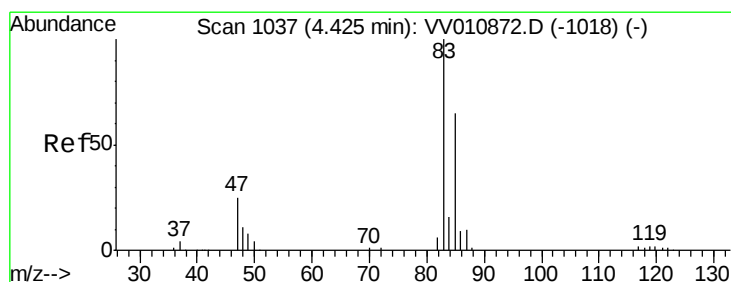
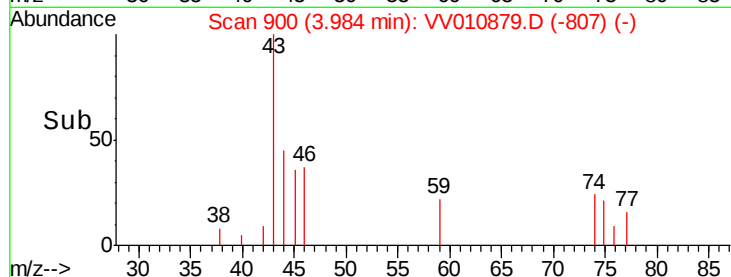
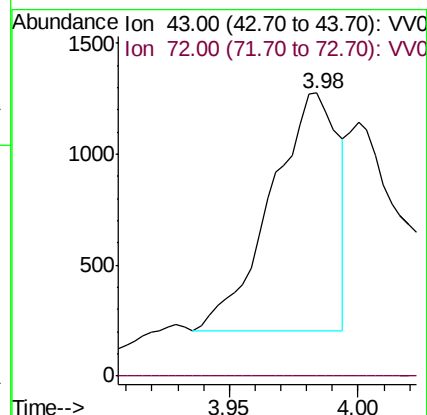
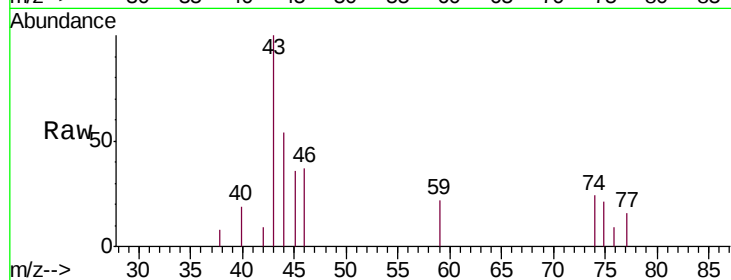
DB877

Tgt Ion: 43 Resp: 1947

Ion Ratio Lower Upper

43 100

72 0.0 13.7 41.1#



#25

Chloroform

Concen: 2.595 ug/L

RT: 4.41 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VV010879.D

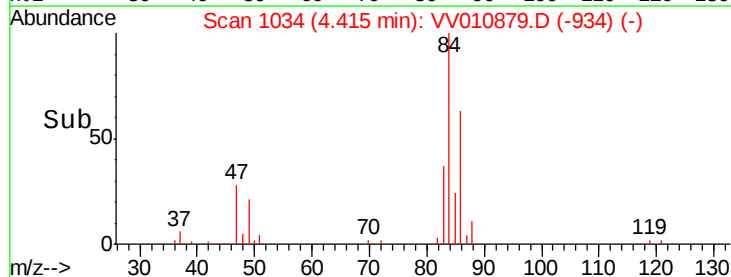
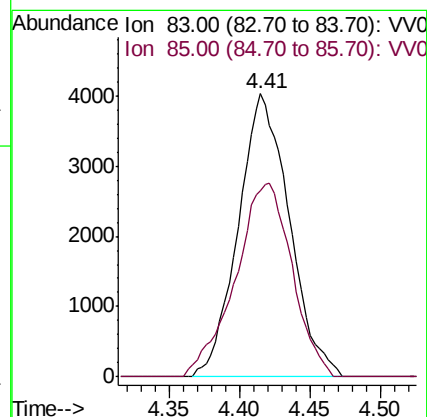
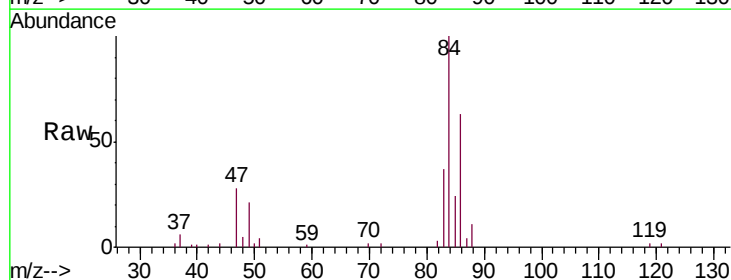
Acq: 15 May 2019 01:05

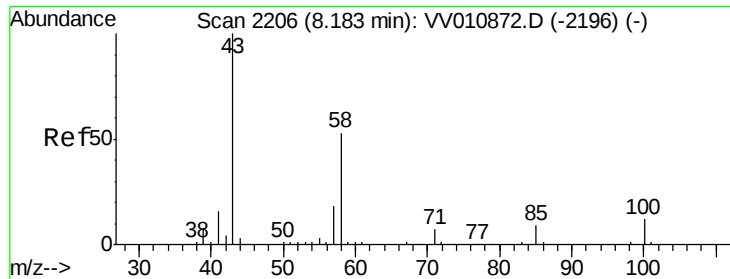
Tgt Ion: 83 Resp: 10170

Ion Ratio Lower Upper

83 100

85 75.8 45.3 84.1

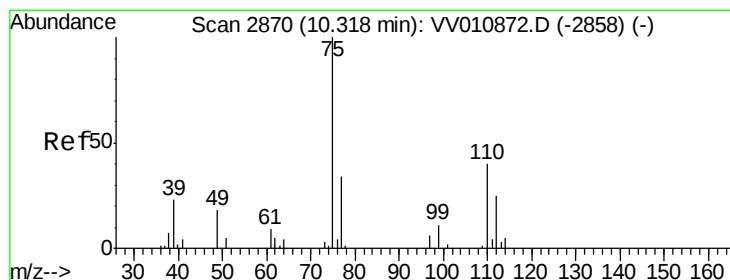
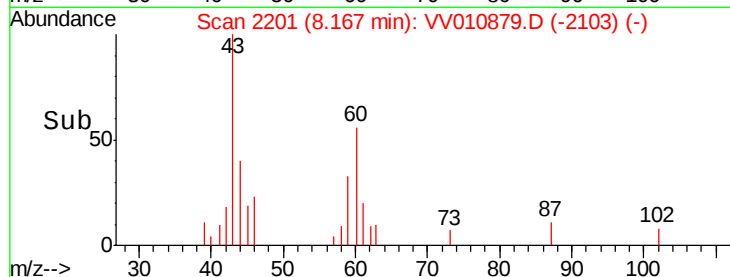
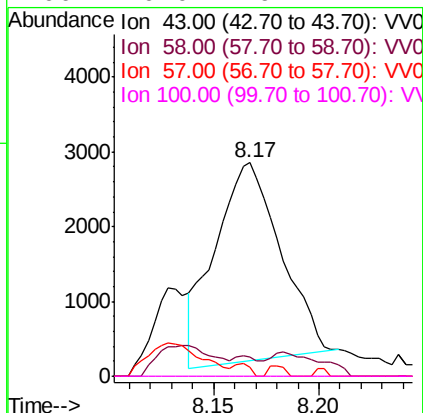
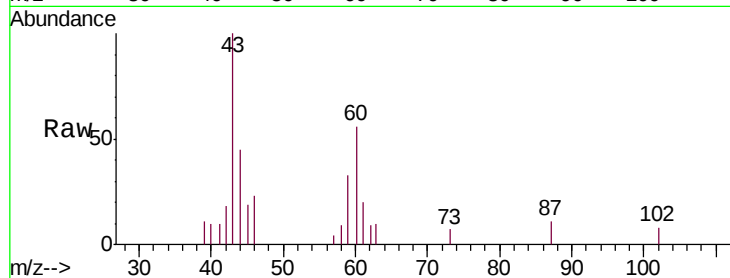




#49
2-Hexanone
Concen: 5.488 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV010879.D
Acq: 15 May 2019 01:05

Instrument :
MSVOA_V
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Tgt Ion:	43	Resp:	5773
Ion	Ratio	Lower	Upper
43	100		
58	2.2	41.0	61.6#
57	1.5	14.3	21.5#
100	0.0	9.4	14.2#



#59
1,2,3-Trichloropropane
Concen: 4.095 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010879.D
Acq: 15 May 2019 01:05

Tgt Ion:	75	Resp:	6365
Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.4	39.6

