

Data File : VV009093.D
Acq On : 20 Dec 2018 19:05
Operator : SY/MD
Sample : J6471-19
Misc : 5.45 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H06

Quant Time: Dec 21 00:30:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	232540	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186331	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53557	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
7) Chloroethane-d5	1.58	69	55815	31.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.60%
10) 1,1-Dichloroethene-d2	2.13	63	116243	19.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.28%
20) 2-Butanone-d5	3.94	46	25923	29.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.18%
24) Chloroform-d	4.40	84	144166	25.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	5.08	65	81591	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.00%
29) Benzene-d6	5.10	84	284581	27.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.40%
33) 1,2-Dichloropropane-d6	6.12	67	87263	29.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.80%
37) Toluene-d8	7.36	98	248672	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.28%
38) trans-1,3-Dichloropropene-	7.67	79	30483	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	8.14	63	15767	29.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54702	22.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	62666	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

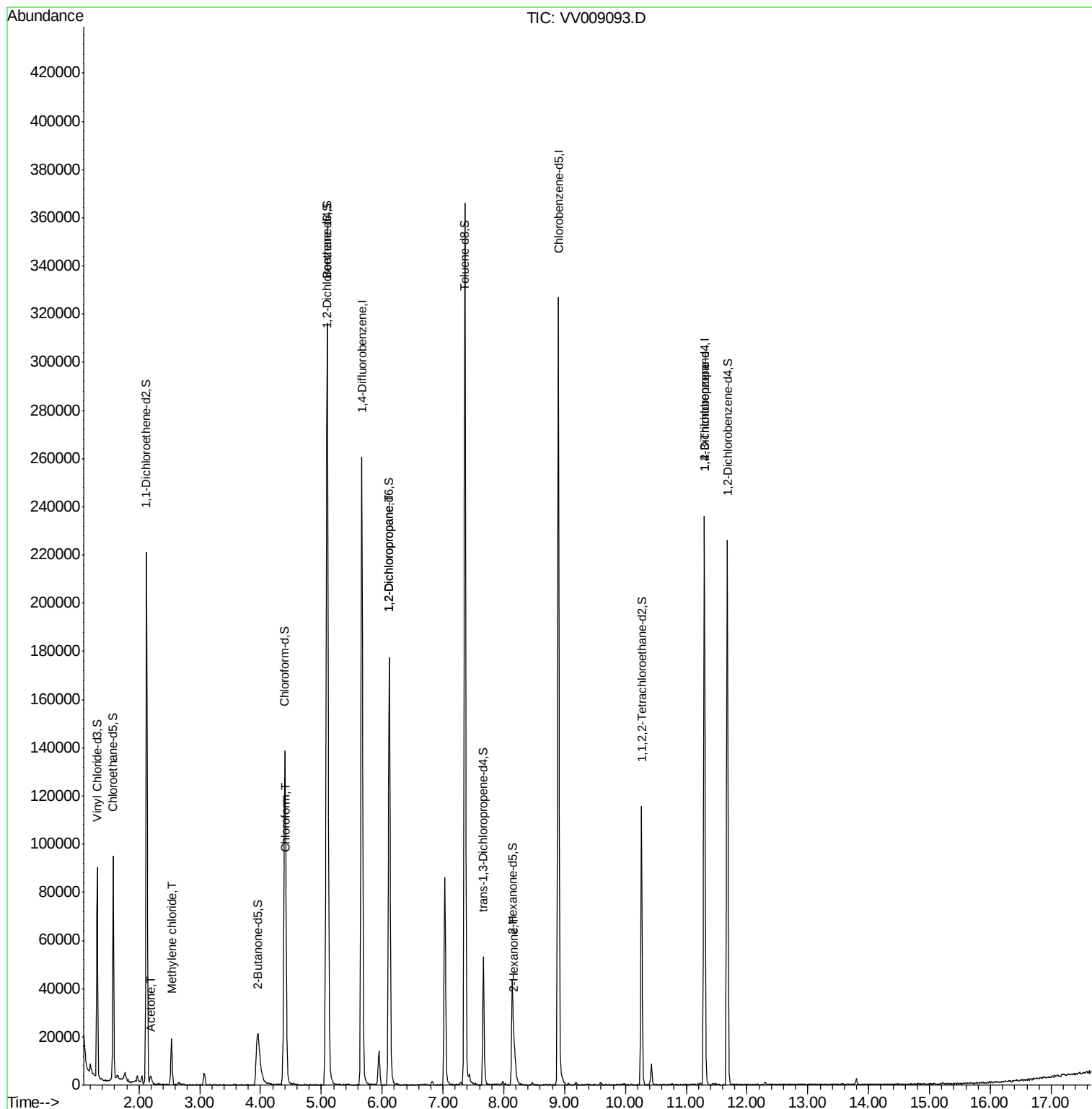
					Qvalue
13) Acetone	2.20	43	3859	2.990 ug/L	96
16) Methylene chloride	2.54	84	8418	2.150 ug/L	98
25) Chloroform	4.43	83	4658	0.827 ug/L #	70
40) 1,2-Dichloropropane	6.12	63	9506	3.548 ug/L #	85
49) 2-Hexanone	8.17	43	7029	4.692 ug/L #	40
59) 1,2,3-Trichloropropane	11.30	75	6637	3.178 ug/L #	88

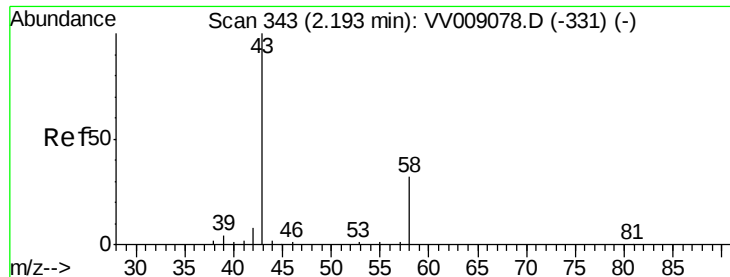
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.990 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV009093.D

Acq: 20 Dec 2018 19:05

Instrument :

MSVOA_V

ClientSampleId :

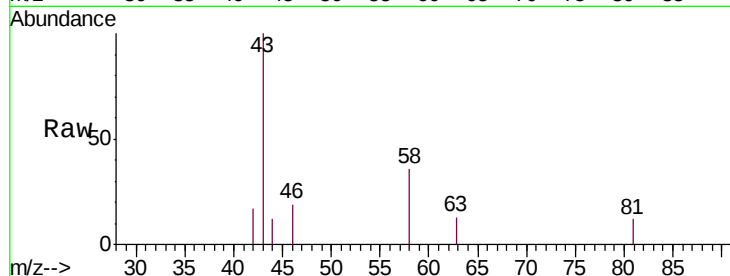
F9H06

Tgt Ion: 43 Resp: 3859

Ion Ratio Lower Upper

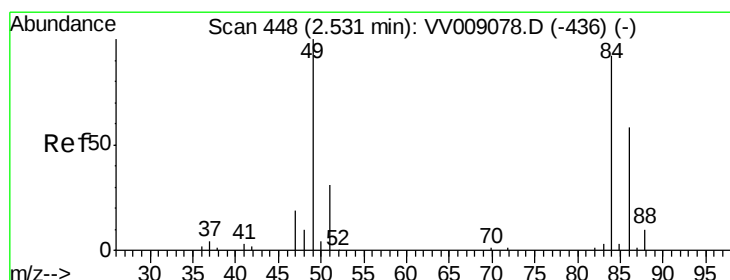
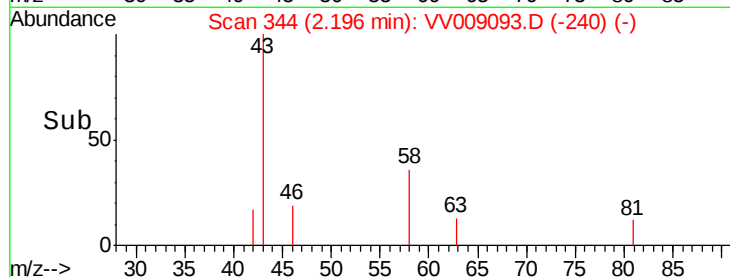
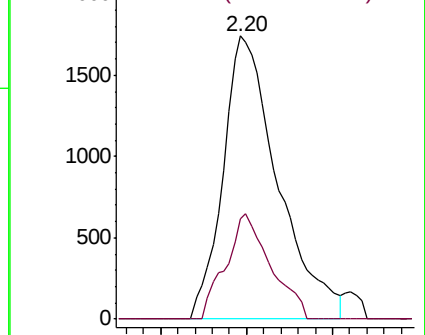
43 100

58 30.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009093.D (-240) (-)

Ion 58.00 (57.70 to 58.70): VV009093.D (-240) (-)



#16

Methylene chloride

Concen: 2.150 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV009093.D

Acq: 20 Dec 2018 19:05

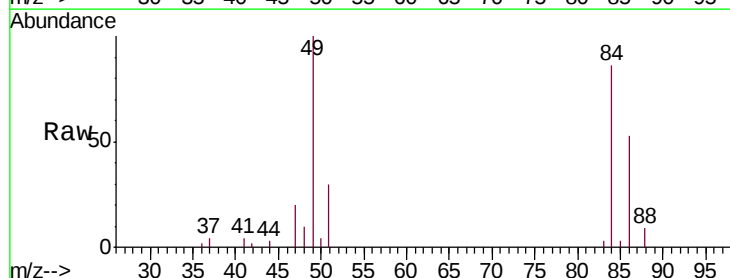
Tgt Ion: 84 Resp: 8418

Ion Ratio Lower Upper

84 100

49 116.1 80.5 149.5

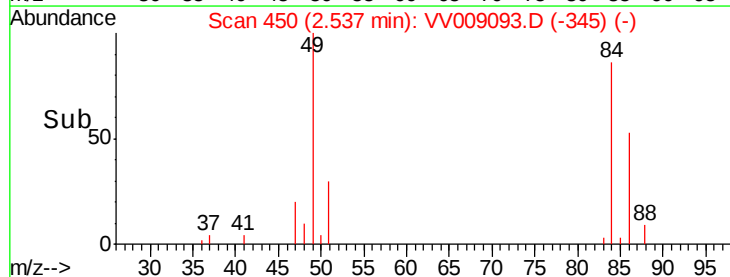
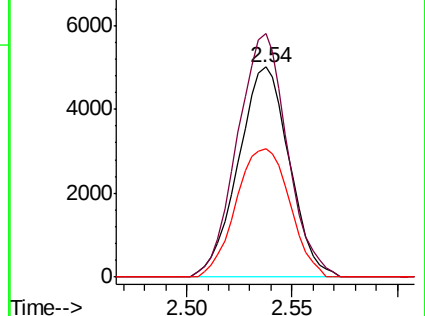
86 61.1 45.5 84.5

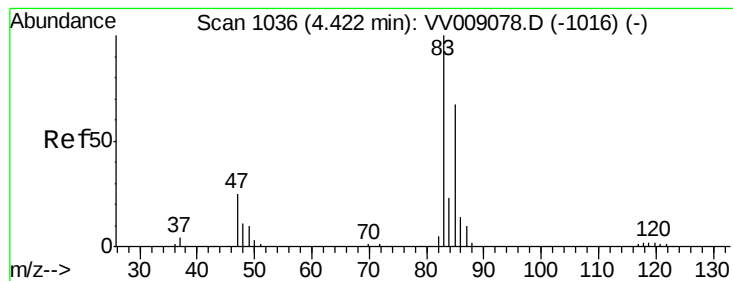


Abundance Ion 84.00 (83.70 to 84.70): VV009093.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV009093.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV009093.D (-345) (-)





#25

Chloroform

Concen: 0.827 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV009093.D

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Instrument :

MSVOA_V

ClientSampleId :

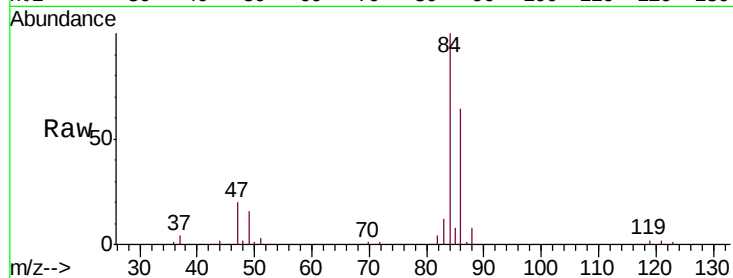
F9H06

Tgt Ion: 83 Resp: 4658

Ion Ratio Lower Upper

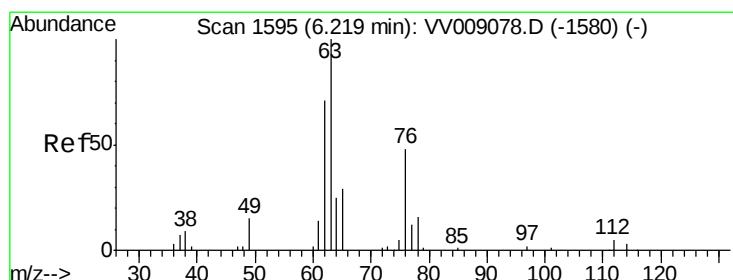
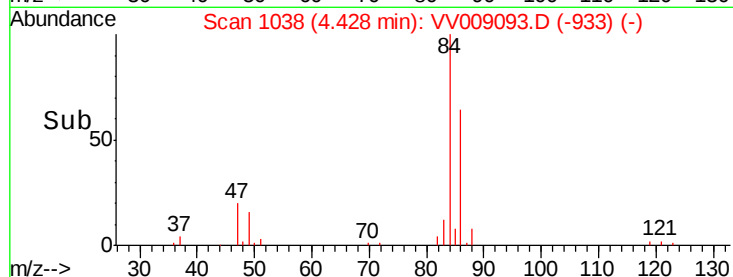
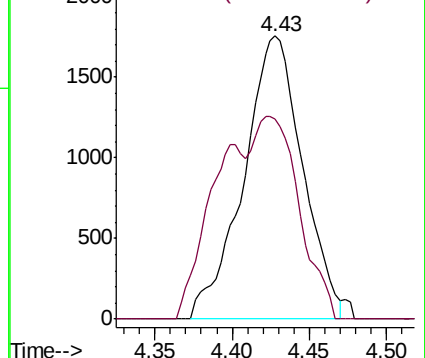
83 100

85 41.2 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VV009078.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VV009093.D (-933) (-)



#40

1,2-Dichloropropane

Concen: 3.548 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV009093.D

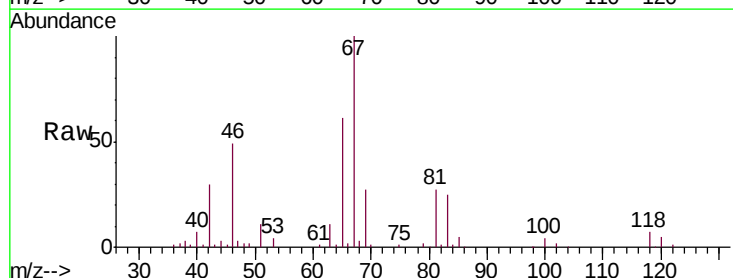
Acq: 20 Dec 2018 19:05

Tgt Ion: 63 Resp: 9506

Ion Ratio Lower Upper

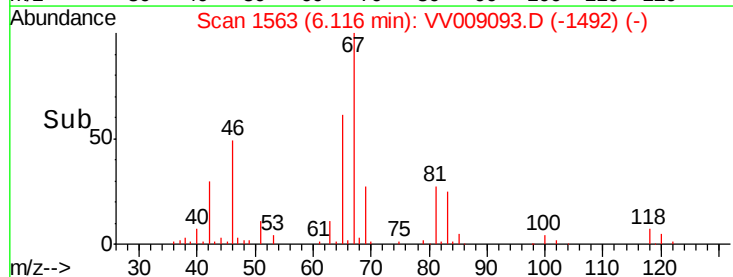
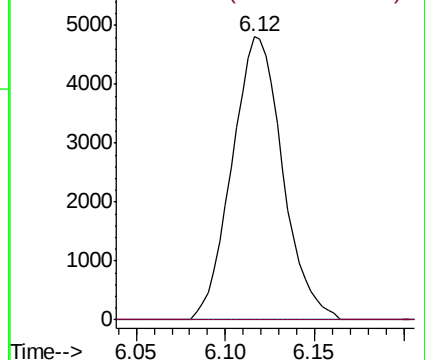
63 100

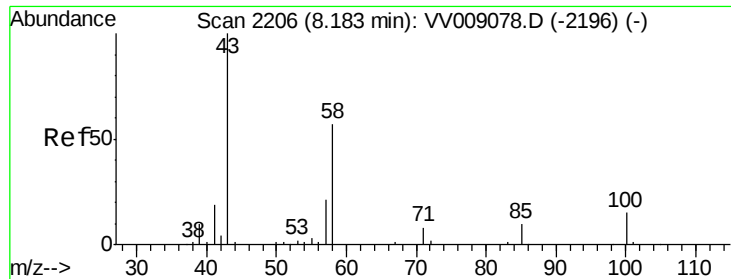
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV009078.D (-1580) (-)

Ion 112.00 (111.70 to 112.70): VV009093.D (-1492) (-)

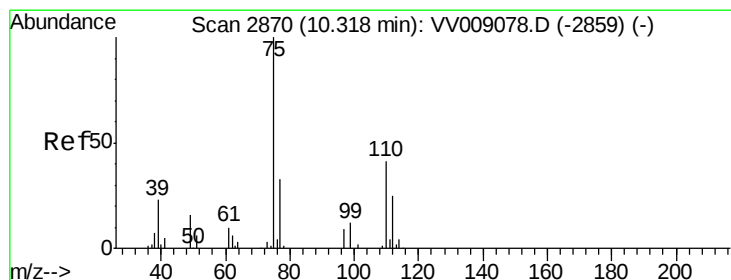
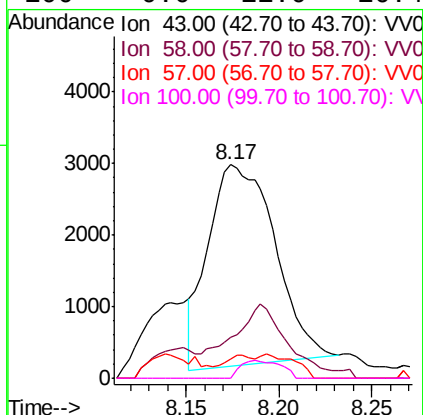
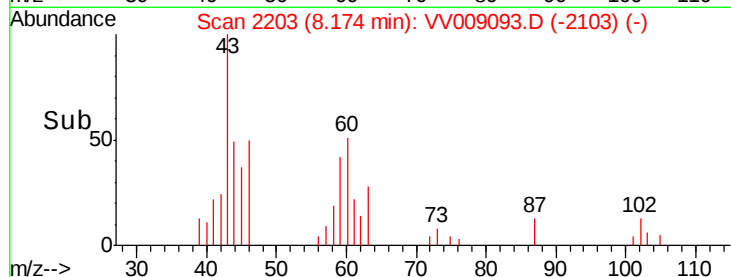
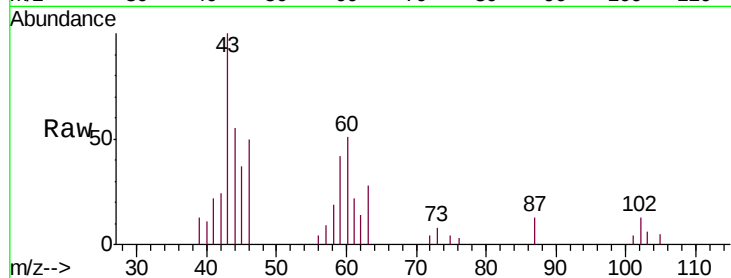




#49
2-Hexanone
Concen: 4.692 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV009093.D
Acq: 20 Dec 2018 19:05

Instrument :
MSVOA_V
ClientSampleId :
F9H06

Tgt Ion: 43 Resp: 7029
Ion Ratio Lower Upper
43 100
58 0.0 43.9 65.9#
57 5.1 15.7 23.5#
100 0.0 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.178 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009093.D
Acq: 20 Dec 2018 19:05

Tgt Ion: 75 Resp: 6637
Ion Ratio Lower Upper
75 100
77 38.6 25.6 38.4#

