

Data File : VV010858.D
Acq On : 14 May 2019 13:20
Operator : SY/MD
Sample : K2737-18
Misc : 4.39G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB866

Quant Time: May 15 06:55:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	123321	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24444	15.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.24%
7) Chloroethane-d5	1.57	69	20226	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.00%
10) 1,1-Dichloroethene-d2	2.12	63	37603	12.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.60%
20) 2-Butanone-d5	3.94	46	16102	32.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.16%
24) Chloroform-d	4.40	84	69529	19.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.12%
26) 1,2-Dichloroethane-d4	5.08	65	43524	21.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.00%
29) Benzene-d6	5.10	84	145579	20.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.40%
33) 1,2-Dichloropropane-d6	6.12	67	51296	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.00%
37) Toluene-d8	7.36	98	126742	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.64%
38) trans-1,3-Dichloropropene-	7.66	79	15954	16.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.88%
39) 2-Hexanone-d5	8.13	63	10180	23.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39803	19.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	52303	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds

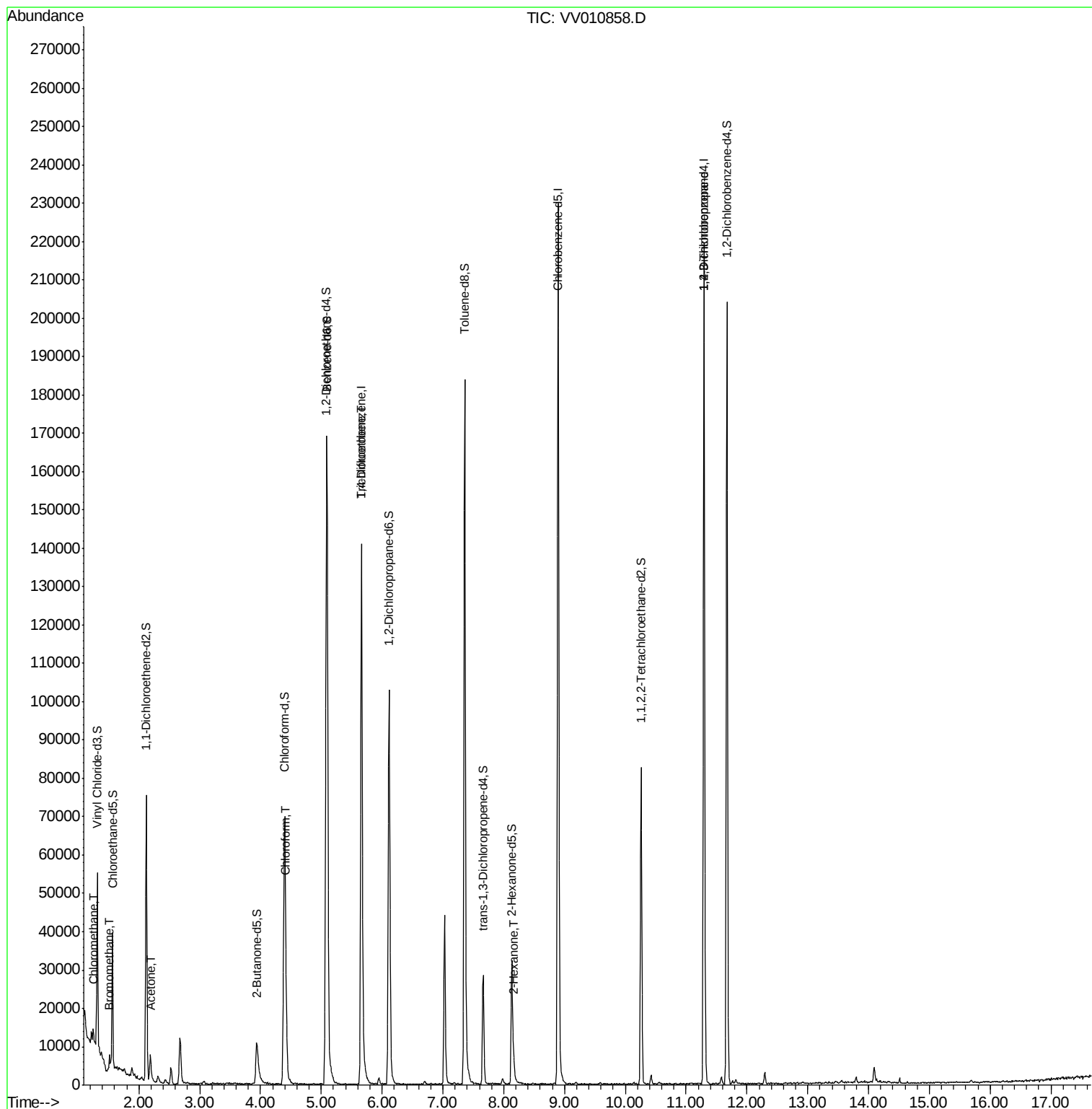
						Qvalue
3) Chloromethane	1.25	50	1262	0.770	ug/L	90
6) Bromomethane	1.51	94	978	2.388	ug/L	95
13) Acetone	2.19	43	5842	11.603	ug/L	97
25) Chloroform	4.42	83	8575	2.412	ug/L	95
35) Trichloroethene	5.66	95	3731	1.934	ug/L #	5
49) 2-Hexanone	8.16	43	2927	2.768	ug/L #	41
59) 1,2,3-Trichloropropane	11.29	75	7020	4.494	ug/L #	86

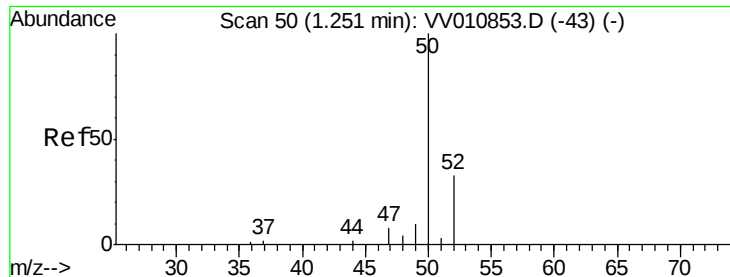
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.770 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV010858.D

Acq: 14 May 2019 13:20

Instrument :

MSVOA_V

ClientSampleId :

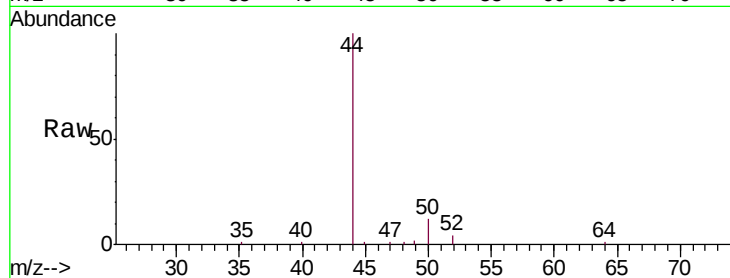
DB866

Tgt Ion: 50 Resp: 1262

Ion Ratio Lower Upper

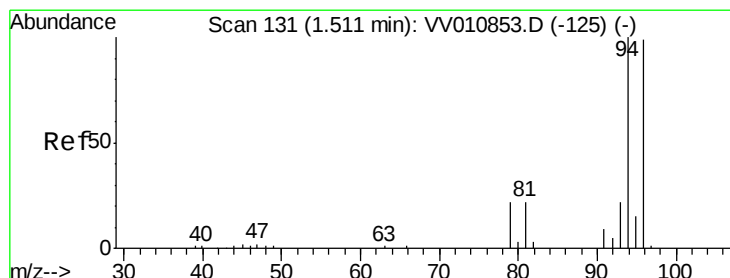
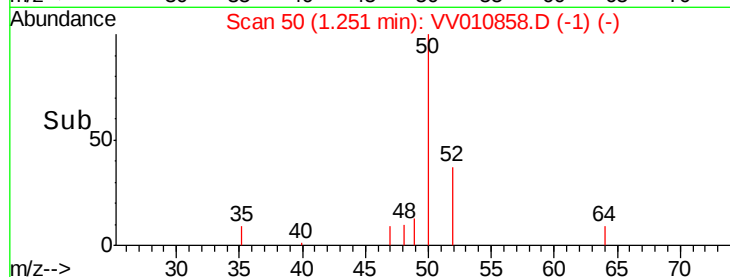
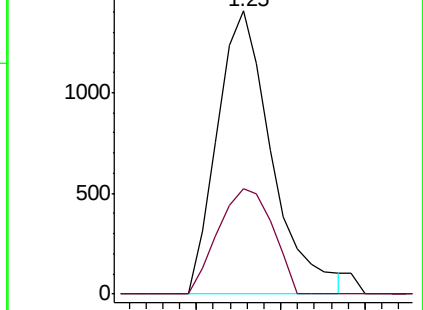
50 100

52 37.4 22.5 41.7



Abundance Ion 50.00 (49.70 to 50.70): VV010858.D (-43) (-)

Ion 52.00 (51.70 to 52.70): VV010858.D (-43) (-)



#6

Bromomethane

Concen: 2.388 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.00 min

Lab File: VV010858.D

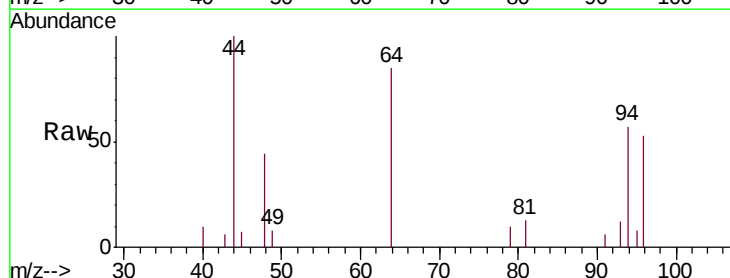
Acq: 14 May 2019 13:20

Tgt Ion: 94 Resp: 978

Ion Ratio Lower Upper

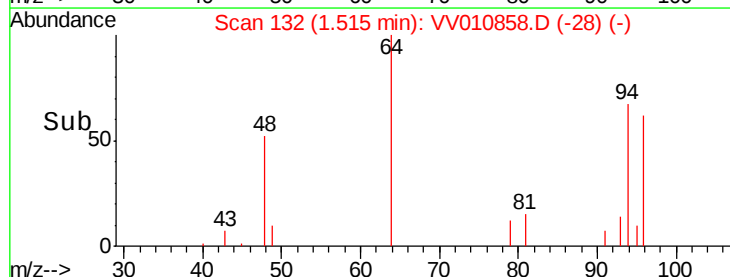
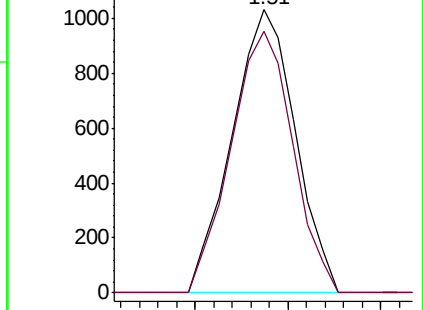
94 100

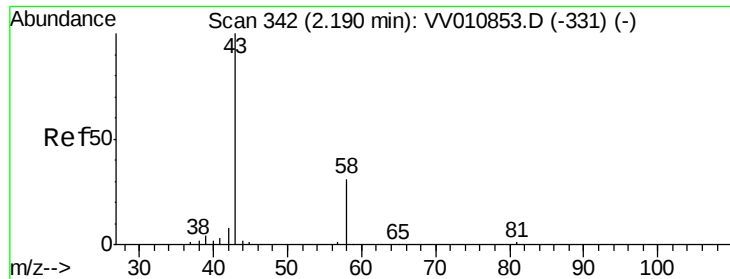
96 90.4 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010858.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV010858.D (-125) (-)





#13

Acetone

Concen: 11.603 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010858.D

Acq: 14 May 2019 13:20

Instrument :

MSVOA_V

ClientSampled :

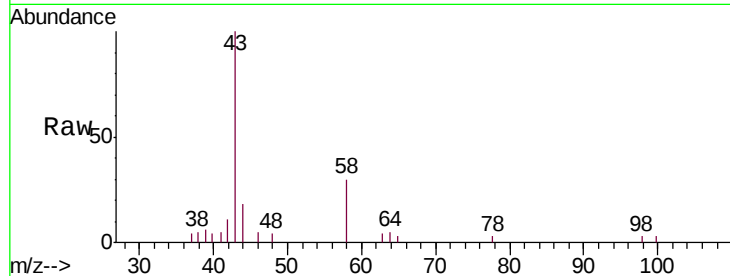
DB866

Tgt Ion: 43 Resp: 5842

Ion Ratio Lower Upper

43 100

58 33.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010853.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010853.D (-331) (-)

2.19

4000

3000

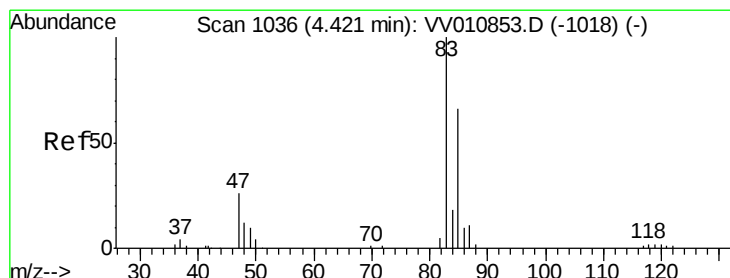
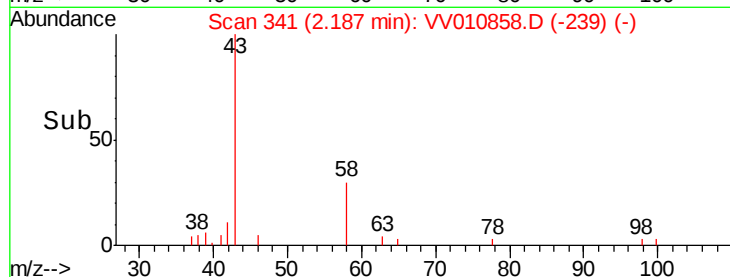
2000

1000

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 2.412 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010858.D

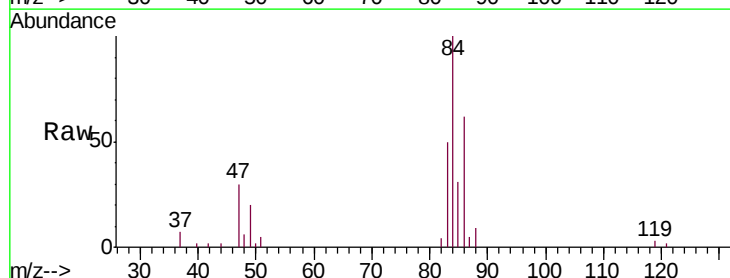
Acq: 14 May 2019 13:20

Tgt Ion: 83 Resp: 8575

Ion Ratio Lower Upper

83 100

85 68.9 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV010853.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010853.D (-1018) (-)

4.42

4000

3000

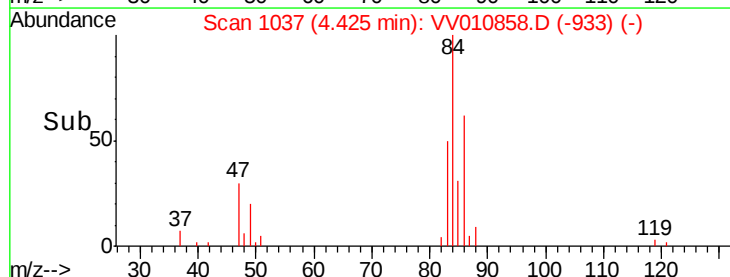
2000

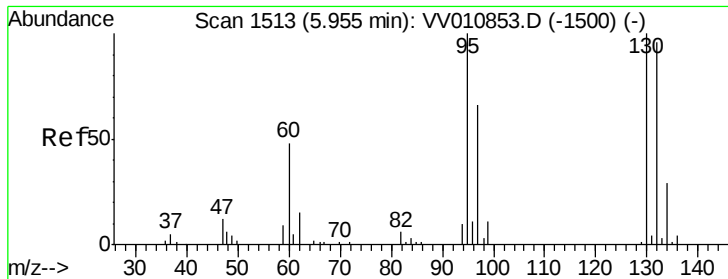
1000

0

4.35 4.40 4.45 4.50

Time-->





#35

Trichloroethene

Concen: 1.934 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV010858.D

Acq: 14 May 2019 13:20

Instrument :

MSVOA_V

ClientSampleId :

DB866

Tgt Ion: 95 Resp: 3731

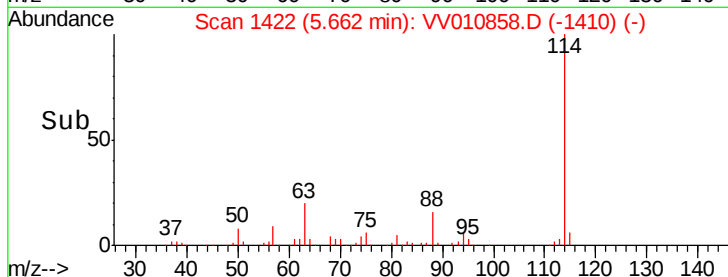
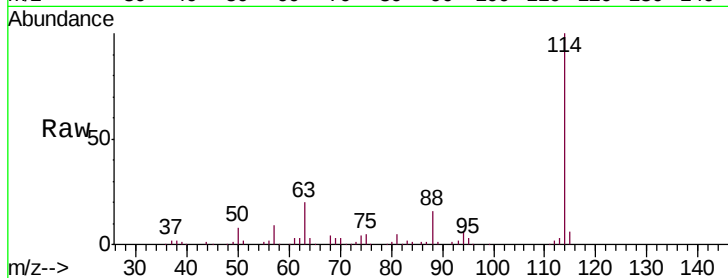
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 67.4 125.2#

130 0.0 68.5 127.1#

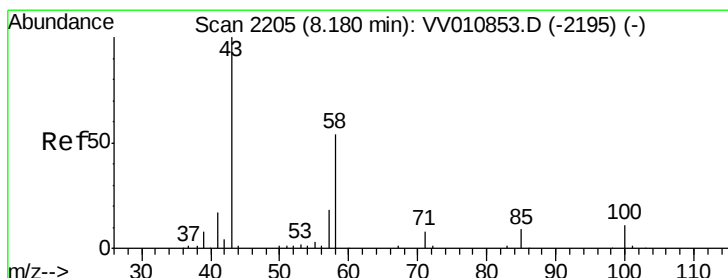
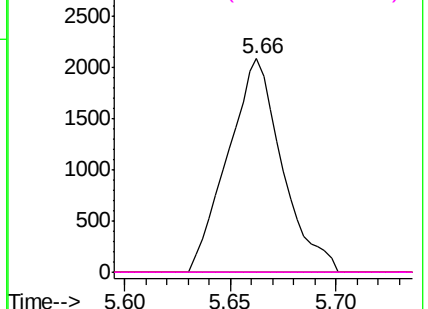


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#49

2-Hexanone

Concen: 2.768 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. -0.02 min

Lab File: VV010858.D

Acq: 14 May 2019 13:20

Tgt Ion: 43 Resp: 2927

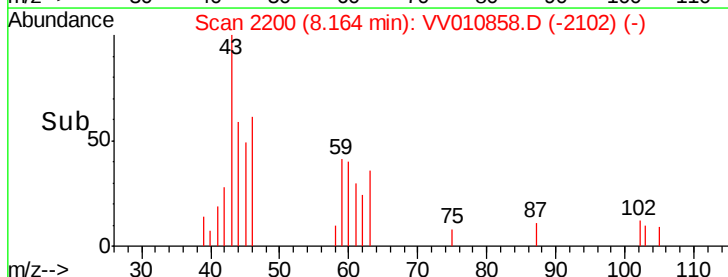
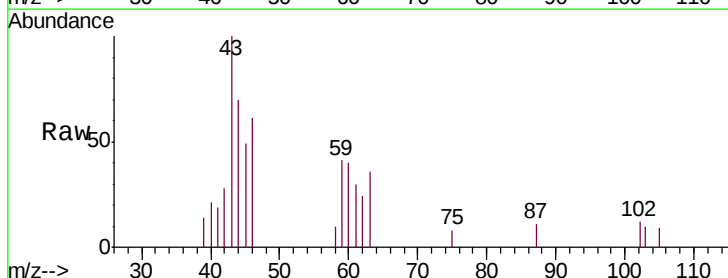
Ion Ratio Lower Upper

43 100

58 1.4 41.0 61.6#

57 0.0 14.3 21.5#

100 0.0 9.4 14.2#

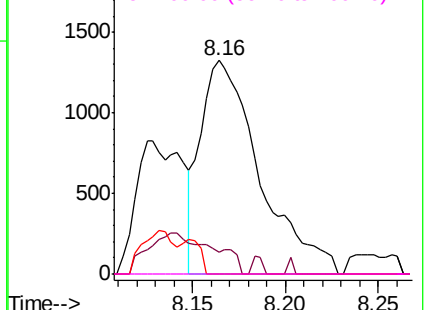


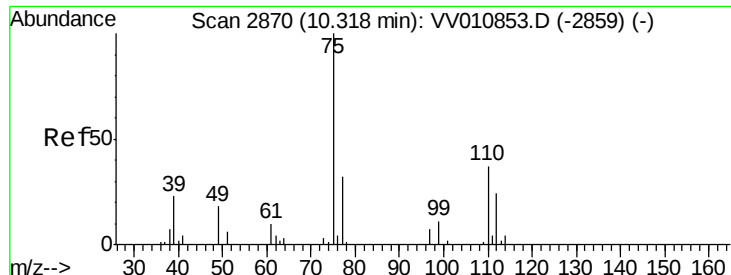
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59
 1,2,3-Trichloropropane
 Concen: 4.494 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010858.D
 Acq: 14 May 2019 13:20

Instrument :
 MSVOA_V
 ClientSampleId :
 DB866

Tgt Ion: 75 Resp: 7020
 Ion Ratio Lower Upper
 75 100
 77 41.0 26.4 39.6#

