

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010802.D
 Acq On : 10 May 2019 08:23
 Operator : SY/MD
 Sample : K2737-06
 Misc : 4.45G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB856

Quant Time: May 10 09:17:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 07:54:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92153	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	87787	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30086	25.00	ug/L	0.00

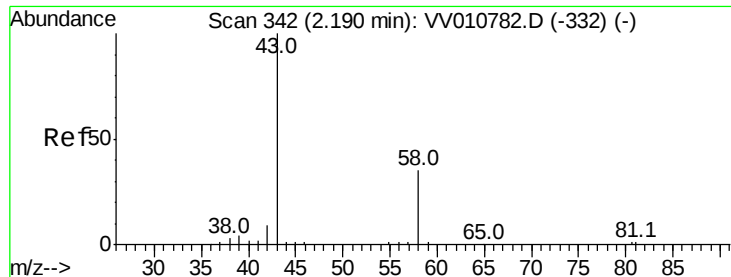
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26449	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
7) Chloroethane-d5	1.56	69	27948	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.88%
10) 1,1-Dichloroethene-d2	2.12	63	48106	15.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.96%
20) 2-Butanone-d5	3.92	46	11920	27.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.50%
24) Chloroform-d	4.39	84	63991	25.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.88%
26) 1,2-Dichloroethane-d4	5.07	65	41812	26.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.60%
29) Benzene-d6	5.09	84	126753	27.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.72%
33) 1,2-Dichloropropane-d6	6.11	67	42909	29.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.56%
37) Toluene-d8	7.36	98	110336	24.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.76%
38) trans-1,3-Dichloropropene-	7.66	79	13778	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.12%
39) 2-Hexanone-d5	8.13	63	8719	28.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	29538	21.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	32382	27.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.16%

Target Compounds

					Ovalue
13) Acetone	2.18	43	1431	2.152 ug/L	100
16) Methylene chloride	2.53	84	2714	1.905 ug/L	94
25) Chloroform	4.42	83	6121	2.195 ug/L	83
27) 1,2-Dichloroethane	5.10	62	1027	0.504 ug/L #	78
35) Trichloroethene	5.66	95	3140	2.175 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	5058	3.690 ug/L #	87
42) cis-1,3-Dichloropropene	7.02	75	1181	0.545 ug/L	90
49) 2-Hexanone	8.17	43	2930	3.340 ug/L #	53
59) 1,2,3-Trichloropropane	11.29	75	4366	3.791 ug/L #	78

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



#13

Acetone

Concen: 2.152 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010802.D

Acq: 10 May 2019 08:23

Instrument :

MSVOA_V

ClientSampleId :

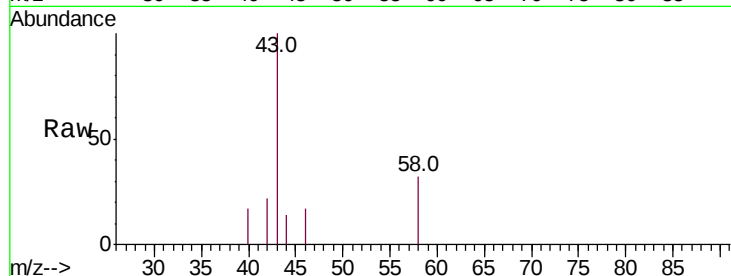
DB856

Tot Ion: 43 Resp: 1431

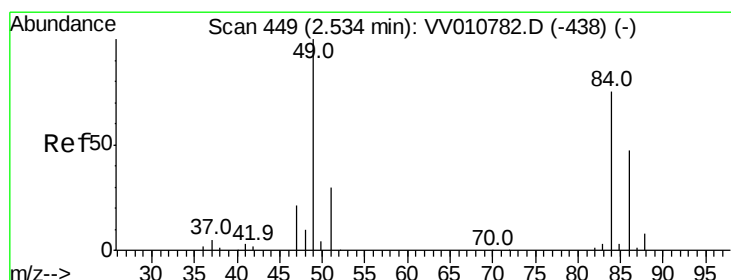
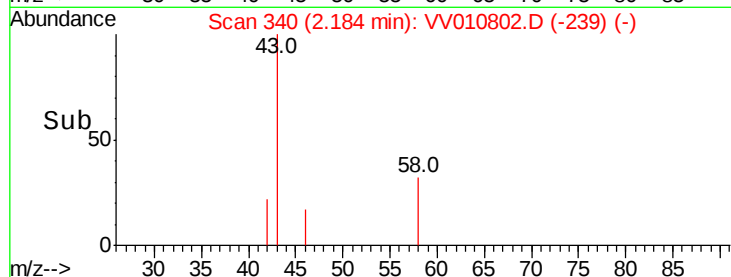
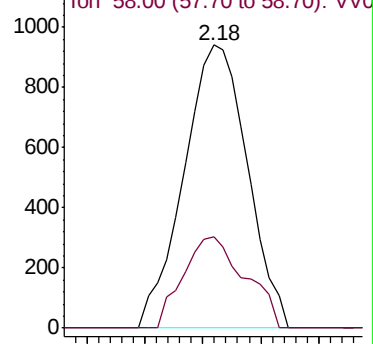
Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010782.D (-332) (-)



#16

Methylene chloride

Concen: 1.905 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010802.D

Acq: 10 May 2019 08:23

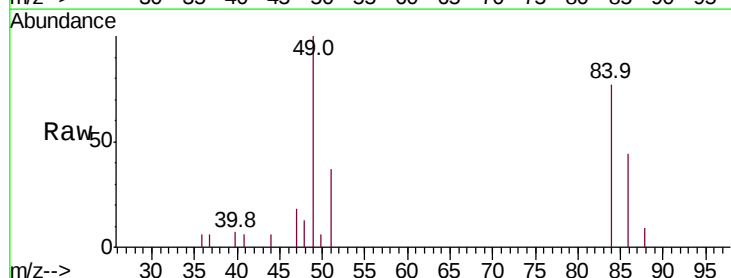
Tgt Ion: 84 Resp: 2714

Ion Ratio Lower Upper

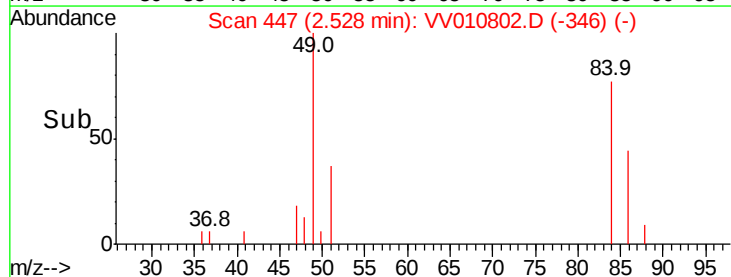
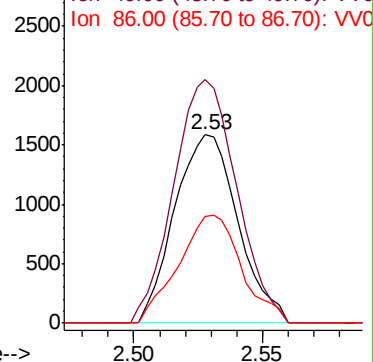
84 100

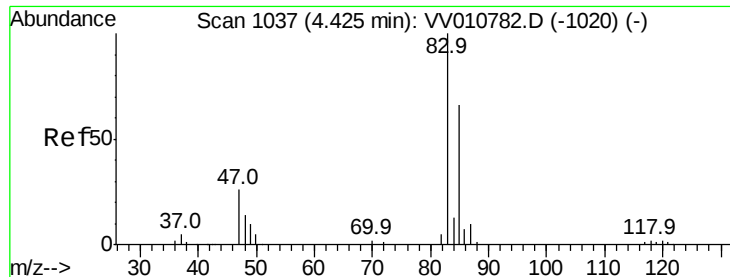
49 129.3 92.9 172.5

86 56.4 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010782.D (-438) (-)





#25

Chloroform

Concen: 2.195 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010802.D

Acq: 10 May 2019 08:23

Instrument :

MSVOA_V

ClientSampled :

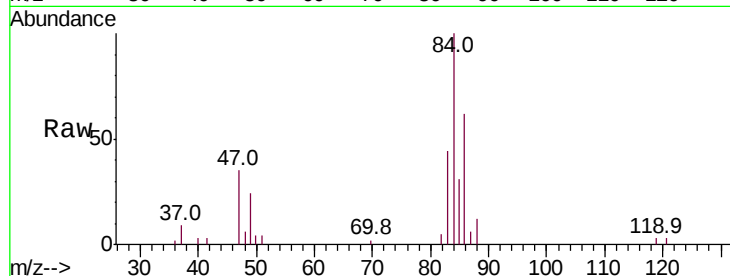
DB856

Tot Ion: 83 Resp: 6121

Ion Ratio Lower Upper

83 100

85 76.8 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

2500

2000

1500

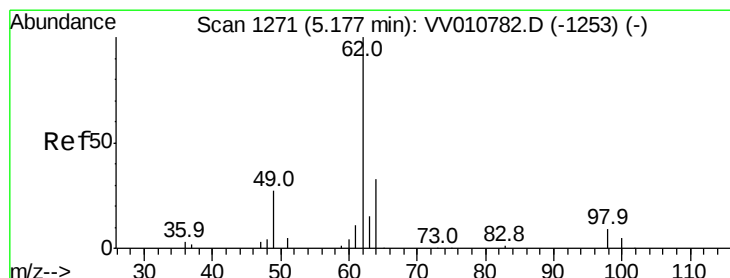
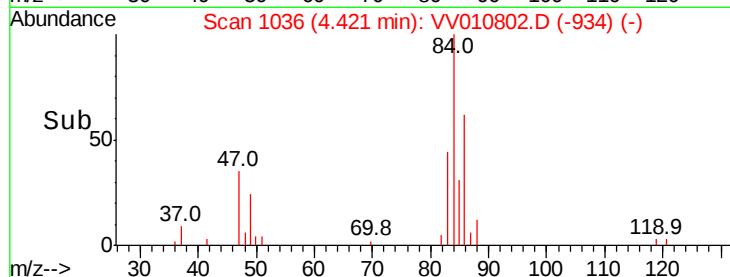
1000

500

0

4.35 4.40 4.45 4.50

Time-->



#27

1,2-Dichloroethane

Concen: 0.504 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV010802.D

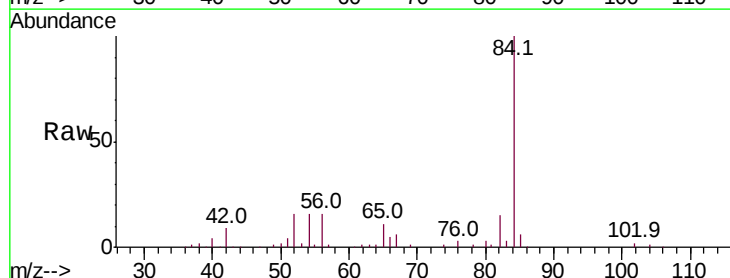
Acq: 10 May 2019 08:23

Tgt Ion: 62 Resp: 1027

Ion Ratio Lower Upper

62 100

98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

600

500

400

300

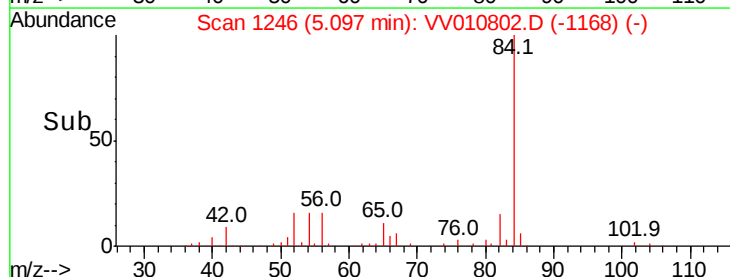
200

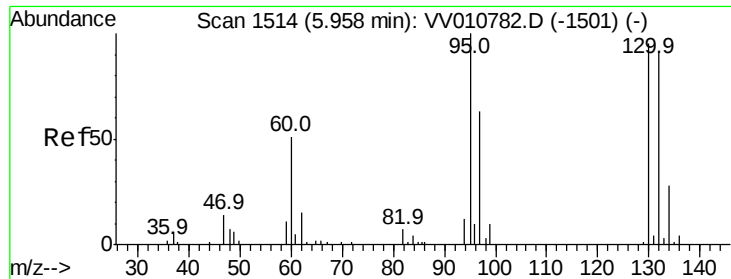
100

0

5.05 5.10

Time-->





#35

Trichloroethene

Concen: 2.175 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV010802.D

Acq: 10 May 2019 08:23

Instrument :

MSVOA_V

ClientSampleId :

DB856

Tot Ion: 95 Resp: 3140

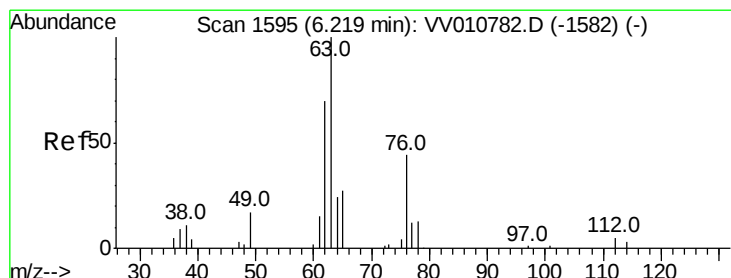
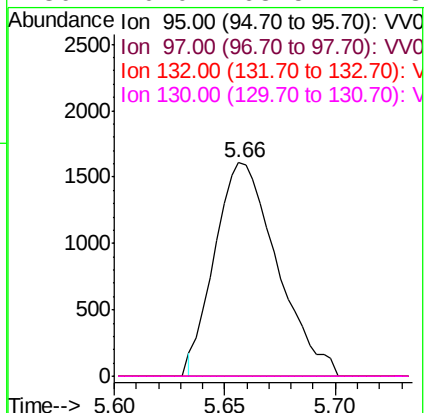
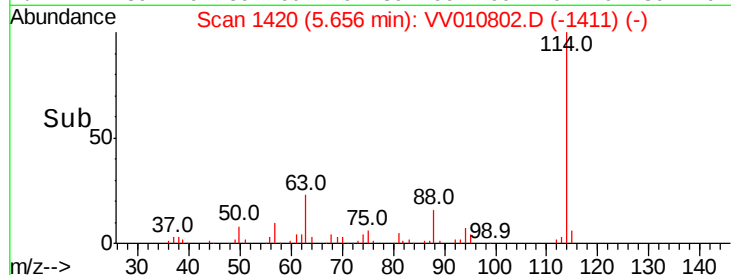
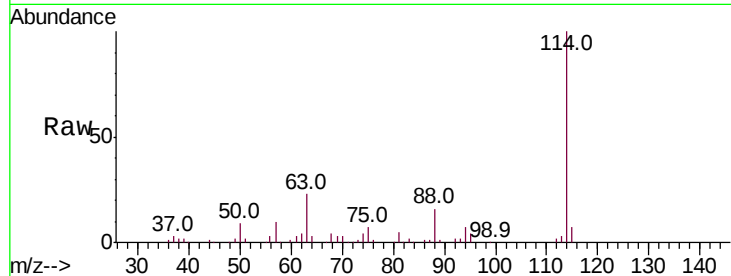
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#40

1,2-Dichloropropane

Concen: 3.690 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.11 min

Lab File: VV010802.D

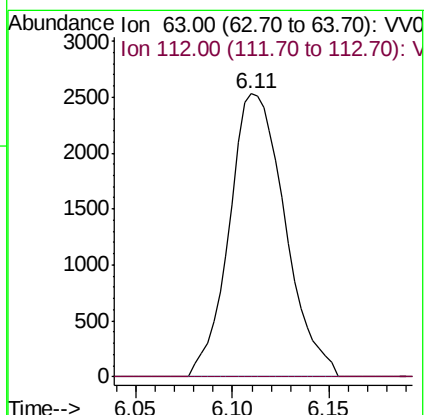
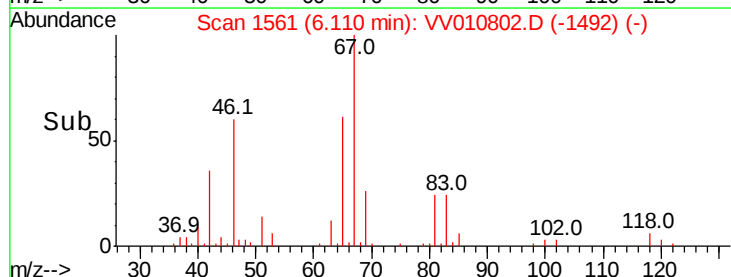
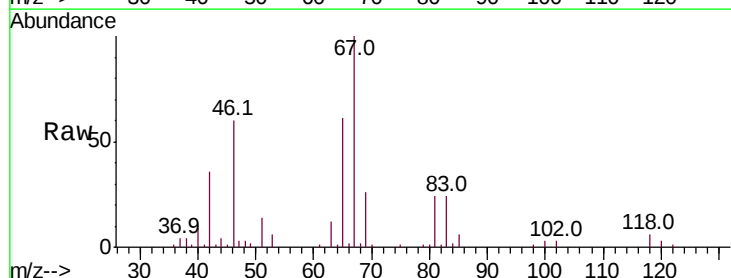
Acq: 10 May 2019 08:23

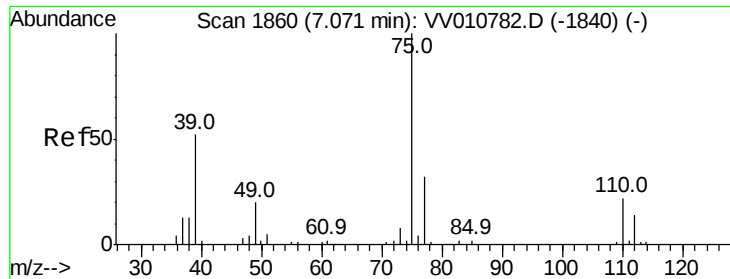
Tgt Ion: 63 Resp: 5058

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



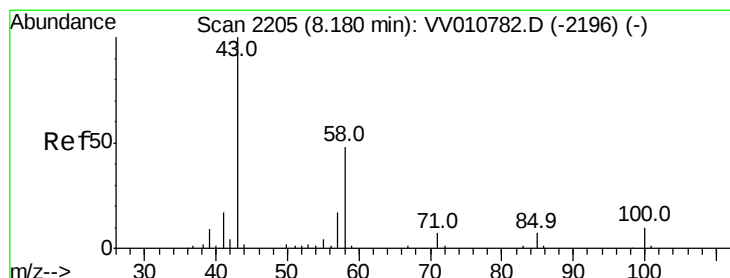
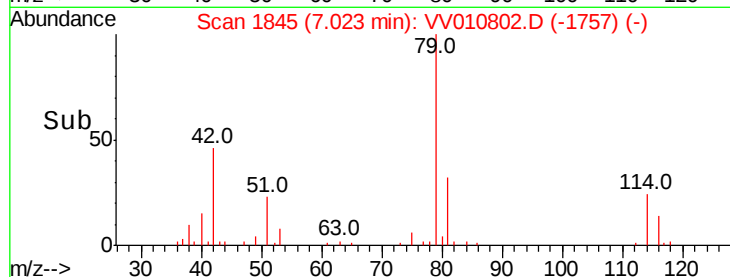
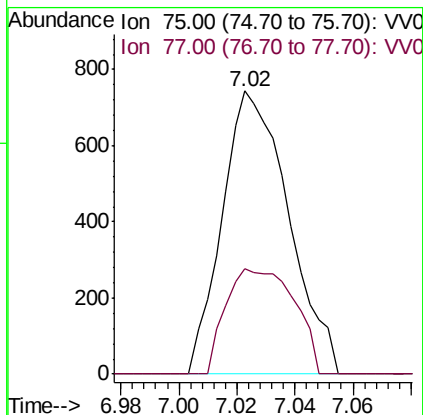
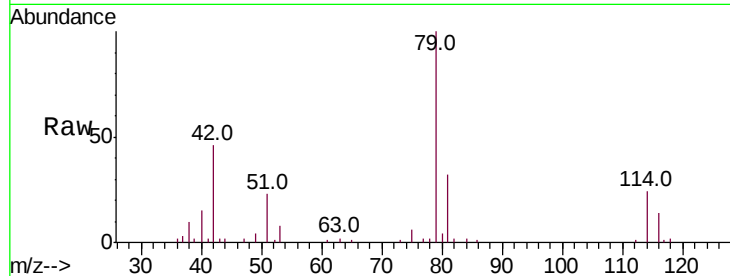


#42

cis-1,3-Dichloropropene
Concen: 0.545 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV010802.D
Acq: 10 May 2019 08:23

Instrument :
MSVOA_V
ClientSampleId :
DB856

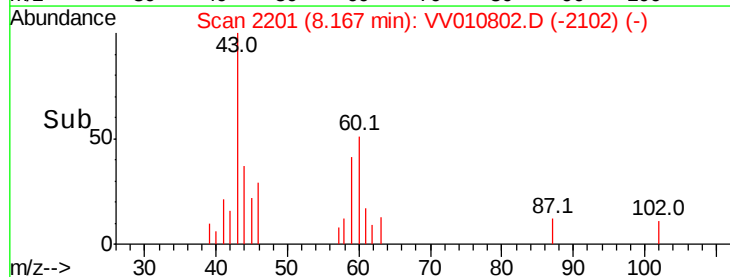
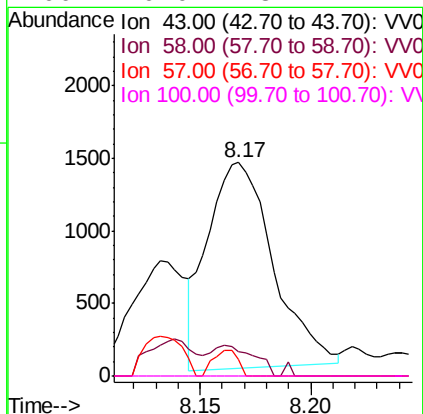
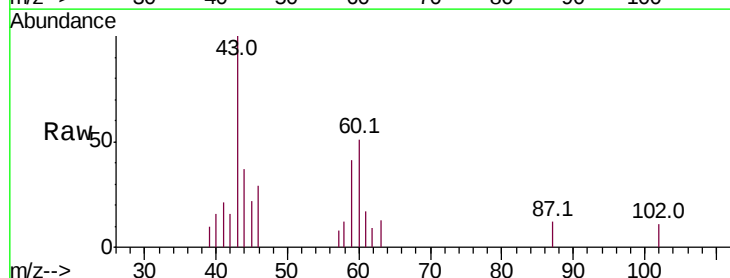
Tot Ion: 75 Resp: 1181
Ion Ratio Lower Upper
75 100
77 37.1 22.3 41.3

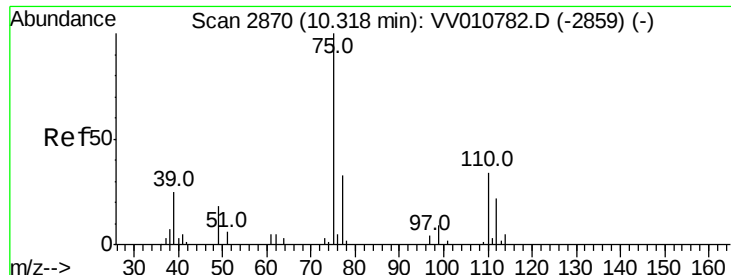


#49

2-Hexanone
Concen: 3.340 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.01 min
Lab File: VV010802.D
Acq: 10 May 2019 08:23

Tgt Ion: 43 Resp: 2930
Ion Ratio Lower Upper
43 100
58 9.7 39.4 59.0#
57 4.6 14.2 21.4#
100 0.0 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 3.791 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010802.D

Acq: 10 May 2019 08:23

Instrument :

MSVOA_V

ClientSampleId :

DB856

Tot Ion: 75 Resp: 4366

Ion Ratio Lower Upper

75 100

77 43.6 25.0 37.6#

