

Data File : VV019426.D
Acq On : 23 Nov 2020 17:26
Operator : SY/MD
Sample : L4861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0BH6

Quant Time: Nov 24 05:28:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 24 05:27:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	385930	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	395072	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189571	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	177127	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.90%
7) Chloroethane-d5	1.58	69	144556	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.16%
11) 1,1-Dichloroethene-d2	2.12	63	248348	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.40%
21) 2-Butanone-d5	3.89	46	220359	93.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.80%
24) Chloroform-d	4.37	84	282844	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.05	65	193560	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
32) Benzene-d6	5.07	84	555623	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
36) 1,2-Dichloropropane-d6	6.09	67	186358	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.90%
41) Toluene-d8	7.33	98	483701	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%
43) trans-1,3-Dichloropropene-	7.64	79	86545	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.20%
47) 2-Hexanone-d5	8.10	63	124912	81.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.57%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	202867	40.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	191554	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%

Target Compounds

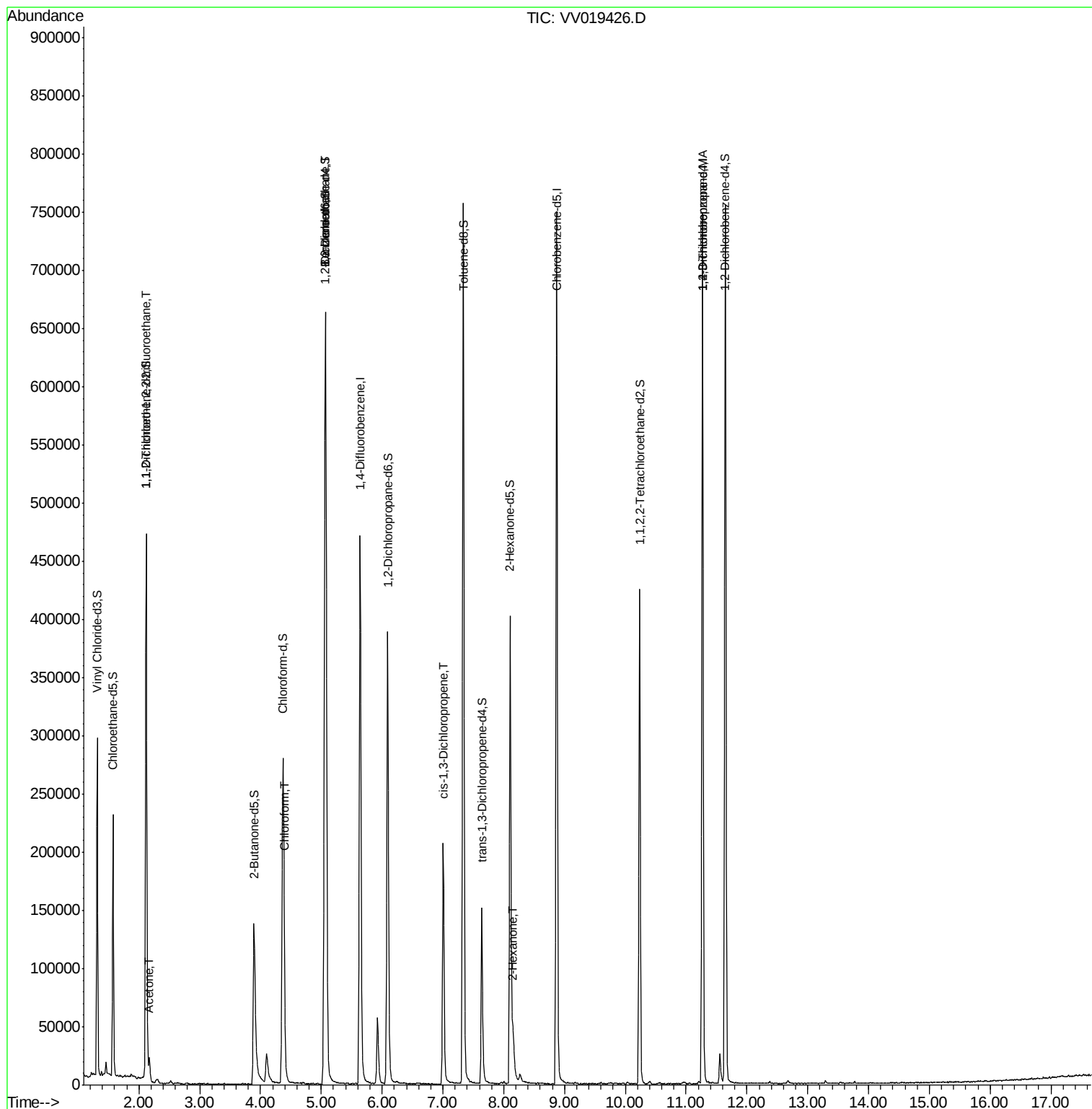
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2270	0.839 ug/L #	32
13) Acetone	2.17	43	16401	9.130 ug/L	96
25) Chloroform	4.40	83	5339	0.924 ug/L	89
27) 1,2-Dichloroethane	5.07	62	3284	0.724 ug/L	95
39) cis-1,3-Dichloropropene	7.01	75	4939	1.025 ug/L #	59
48) 2-Hexanone	8.16	43	23400	6.425 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	22911	5.348 ug/L	98

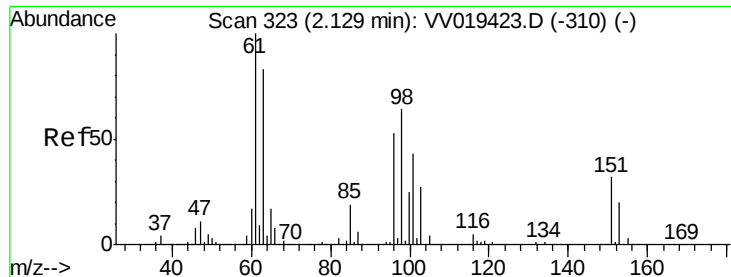
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.839 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Acq: 23 Nov 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

C0BH6

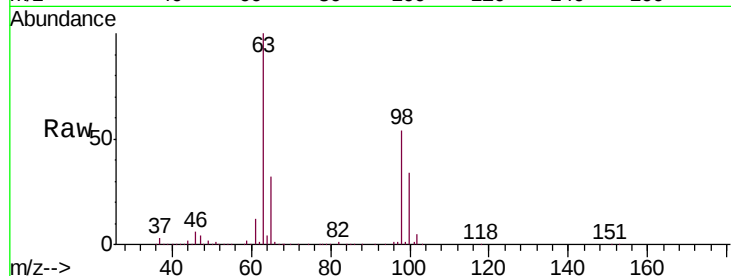
Tgt Ion:101 Resp: 2270

Ion Ratio Lower Upper

101 100

85 13.5 35.5 53.3#

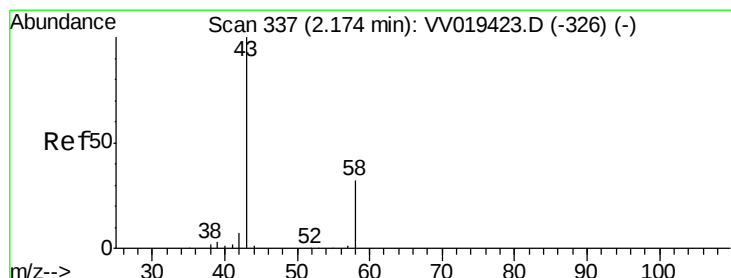
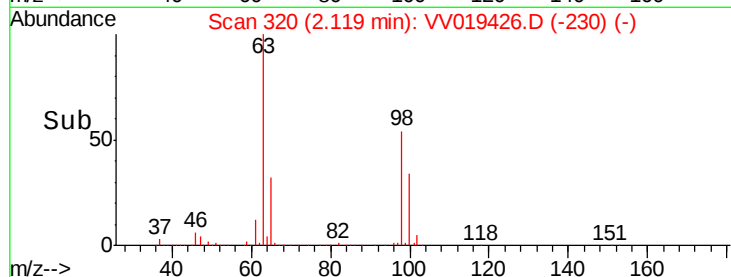
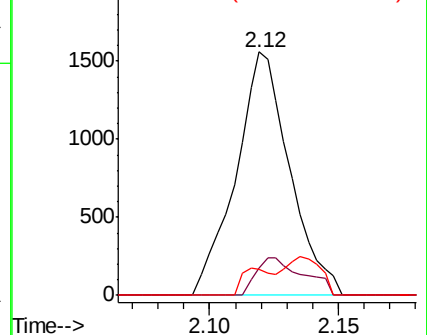
151 6.4 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 9.130 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV019426.D

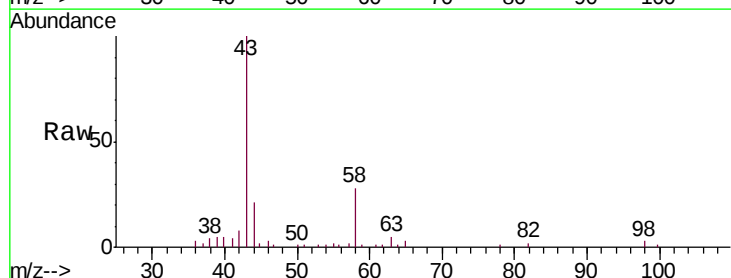
Acq: 23 Nov 2020 17:26

Tgt Ion: 43 Resp: 16401

Ion Ratio Lower Upper

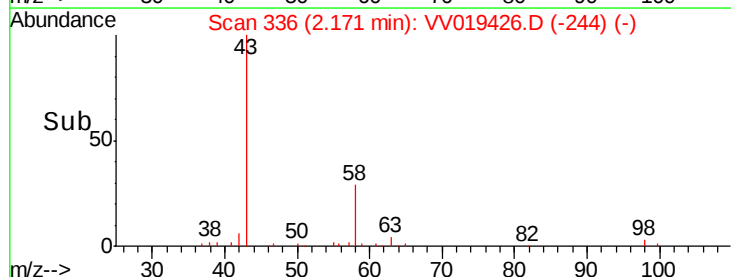
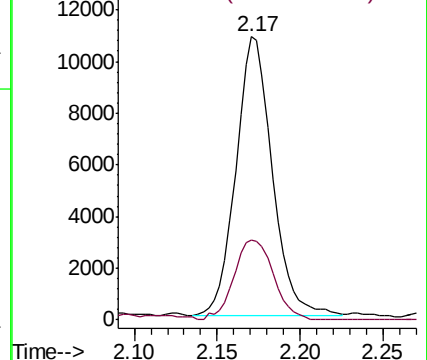
43 100

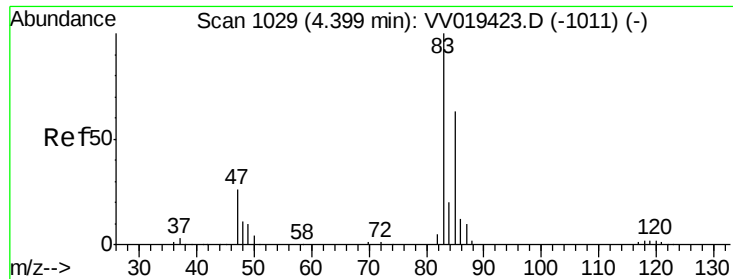
58 31.1 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

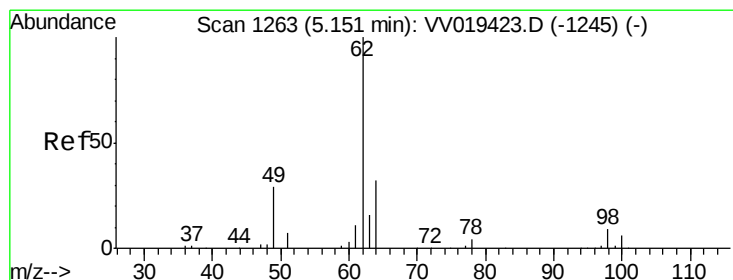
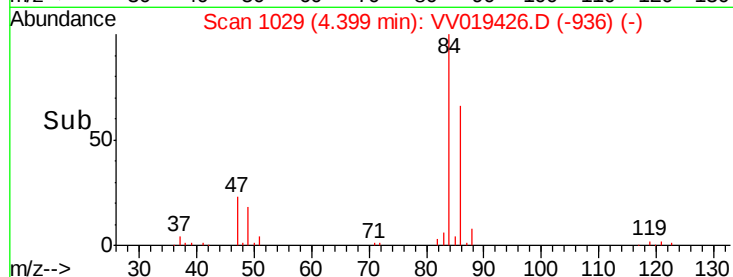
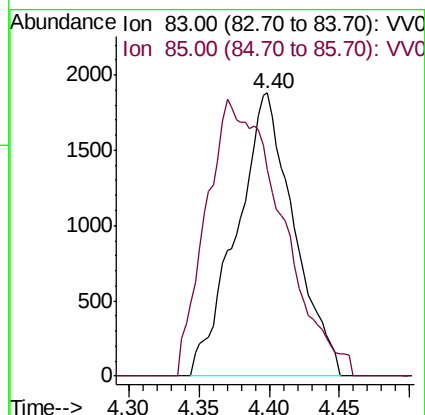
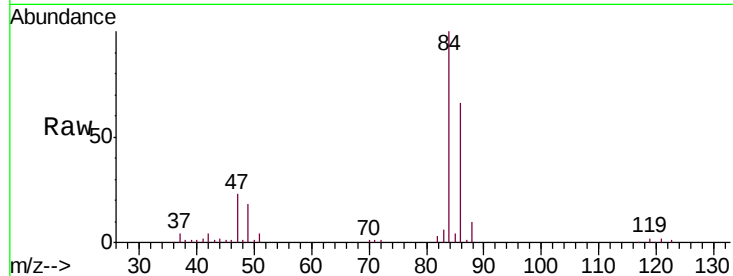




#25
Chloroform
Concen: 0.924 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV019426.D
Acq: 23 Nov 2020 17:26

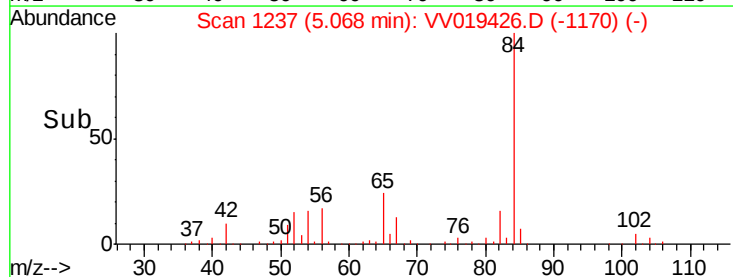
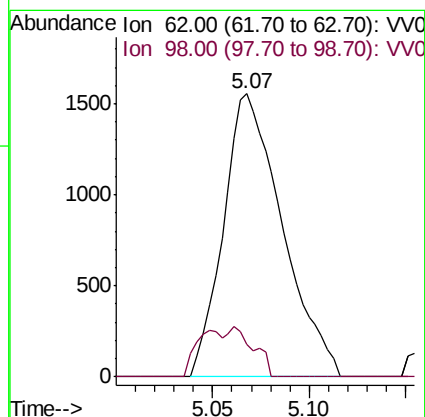
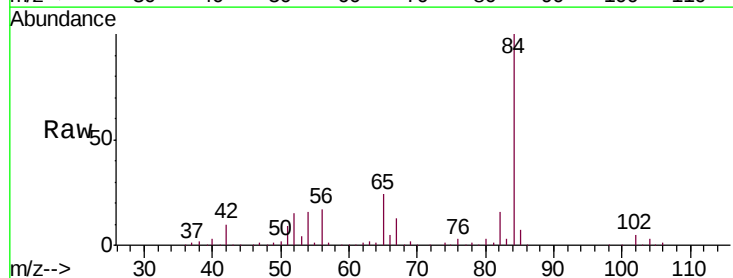
Instrument :
MSVOA_V
ClientSampleId :
C0BH6

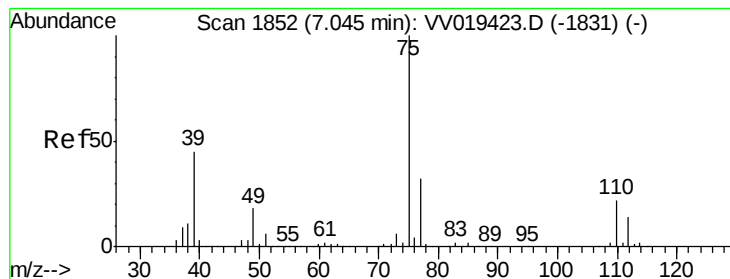
Tgt Ion: 83 Resp: 5339
Ion Ratio Lower Upper
83 100
85 73.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.724 ug/L
RT: 5.07 min Scan# 1237
Delta R.T. -0.08 min
Lab File: VV019426.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 62 Resp: 3284
Ion Ratio Lower Upper
62 100
98 11.3 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 1.025 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019426.D

Acq: 23 Nov 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

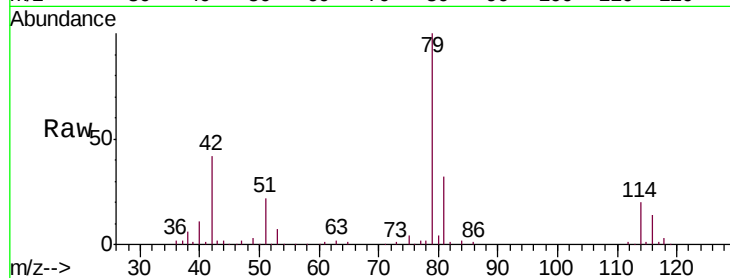
C0BH6

Tgt Ion: 75 Resp: 4939

Ion Ratio Lower Upper

75 100

77 54.8 22.5 41.7#

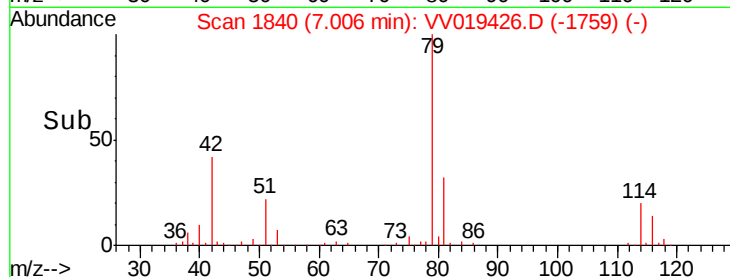


Abundance Ion 75.00 (74.70 to 75.70): VV019423.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV019423.D (-1831) (-)

7.01

Time-->



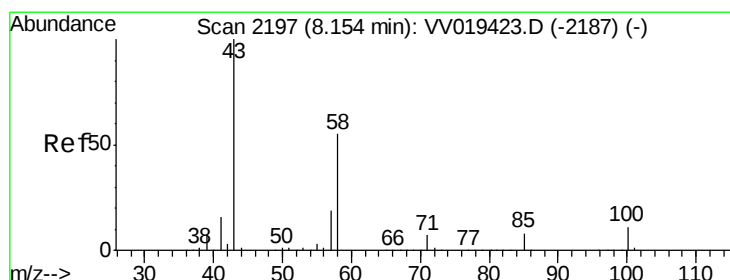
Abundance

Ion 75.00 (74.70 to 75.70): VV019426.D (-1759) (-)

Ion 77.00 (76.70 to 77.70): VV019426.D (-1759) (-)

7.01

Time-->



#48

2-Hexanone

Concen: 6.425 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VV019426.D

Acq: 23 Nov 2020 17:26

Tgt Ion: 43 Resp: 23400

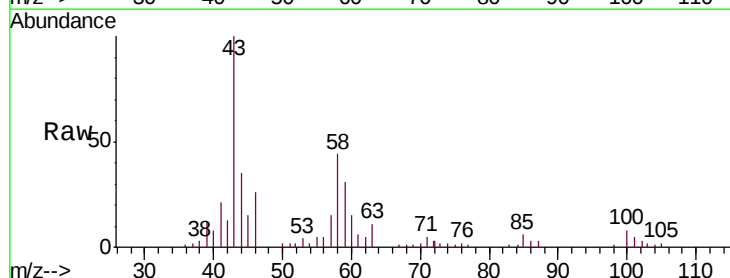
Ion Ratio Lower Upper

43 100

58 41.4 43.8 65.6#

57 3.4 15.4 23.2#

100 5.3 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VV019423.D (-2187) (-)

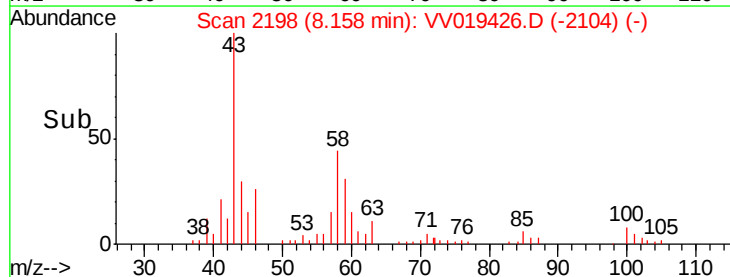
Ion 58.00 (57.70 to 58.70): VV019423.D (-2187) (-)

Ion 57.00 (56.70 to 57.70): VV019423.D (-2187) (-)

Ion 100.00 (99.70 to 100.70): VV019423.D (-2187) (-)

8.16

Time-->



Abundance

Ion 43.00 (42.70 to 43.70): VV019426.D (-2104) (-)

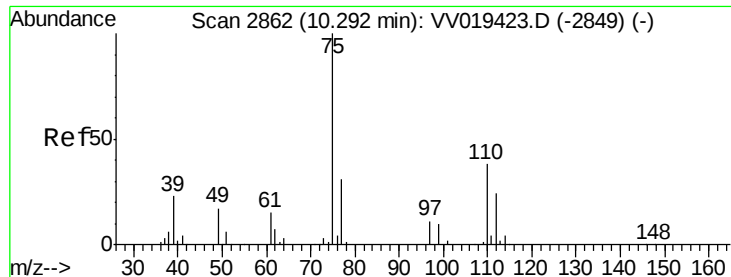
Ion 58.00 (57.70 to 58.70): VV019426.D (-2104) (-)

Ion 57.00 (56.70 to 57.70): VV019426.D (-2104) (-)

Ion 100.00 (99.70 to 100.70): VV019426.D (-2104) (-)

8.16

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.348 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019426.D

Acq: 23 Nov 2020 17:26

Instrument :

MSVOA_V

ClientSampleId :

C0BH6

Tgt Ion: 75 Resp: 22911

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

