

Data File : VV014472.D
Acq On : 01 Feb 2020 00:09
Operator : SY/MD
Sample : L1323-04 10X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT44

Quant Time: Feb 01 02:42:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	442462	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	417652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	201875	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106227	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.46%
7) Chloroethane-d5	1.58	69	72905	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.44%
11) 1,1-Dichloroethene-d2	2.13	63	118307	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	3.92	46	181452	109.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.74%
24) Chloroform-d	4.40	84	231370	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
26) 1,2-Dichloroethane-d4	5.08	65	151685	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
32) Benzene-d6	5.10	84	510347	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
36) 1,2-Dichloropropane-d6	6.11	67	161779	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.00%
41) Toluene-d8	7.36	98	475921	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%
43) trans-1,3-Dichloropropene-	7.66	79	82754	46.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.60%
47) 2-Hexanone-d5	8.13	63	154452	113.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	205730	45.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	181340	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%

Target Compounds

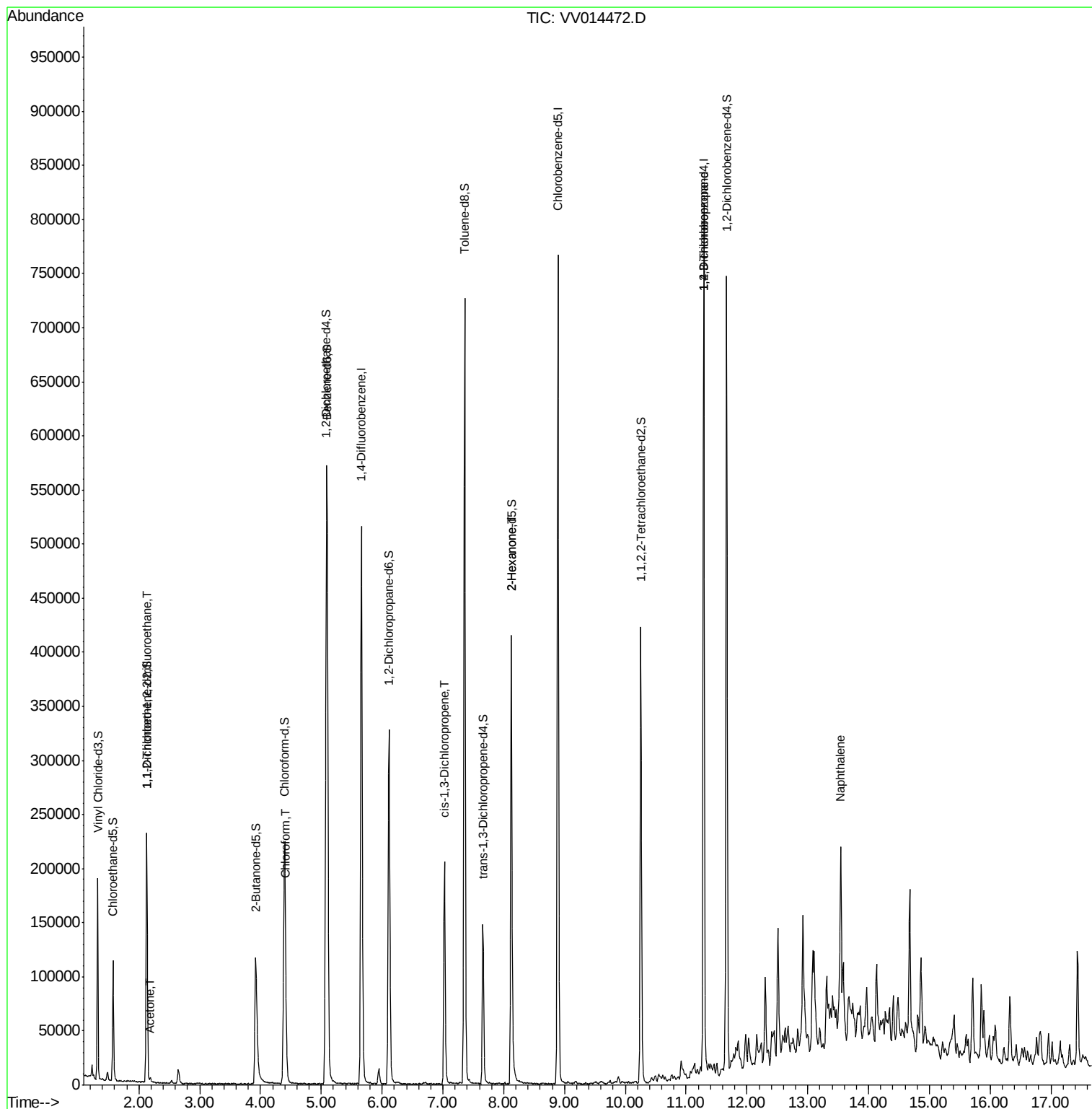
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1106	0.660	ug/L #	21
13) Acetone	2.19	43	2701	1.915	ug/L	76
25) Chloroform	4.42	83	7517	1.401	ug/L	97
39) cis-1,3-Dichloropropene	7.03	75	4569	0.902	ug/L #	66
48) 2-Hexanone	8.13	43	17009	5.840	ug/L #	64
59) 1,2,3-Trichloropropane	11.29	75	25080	6.891	ug/L	90
69) Naphthalene	13.54	128	132005	10.970	ug/L	99

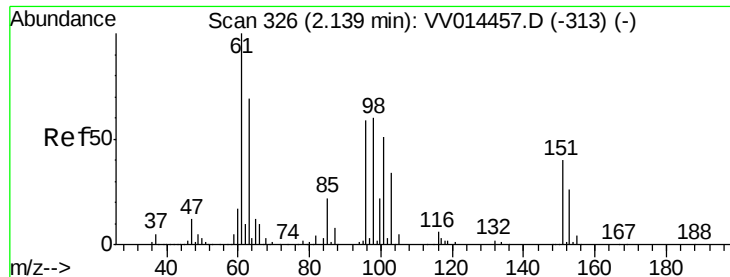
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.660 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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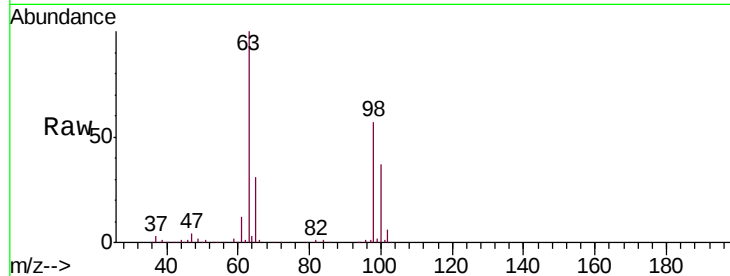
Tgt Ion: 101 Resp: 1106

Ion Ratio Lower Upper

101 100

85 3.7 34.6 51.8#

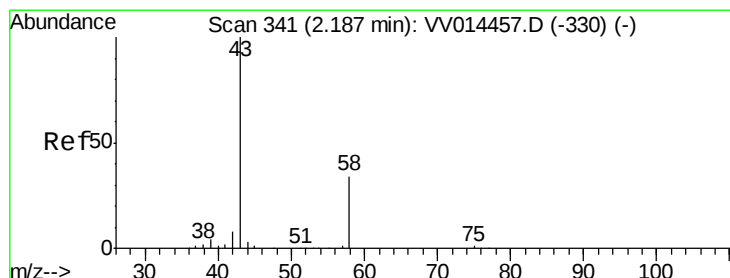
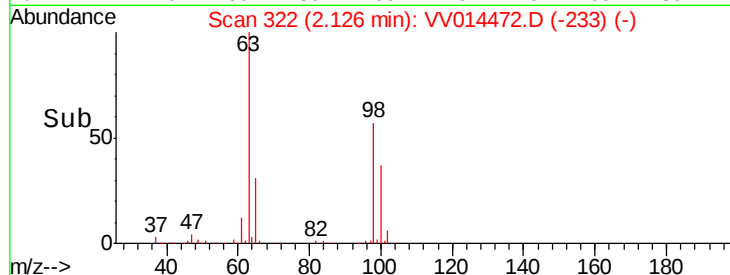
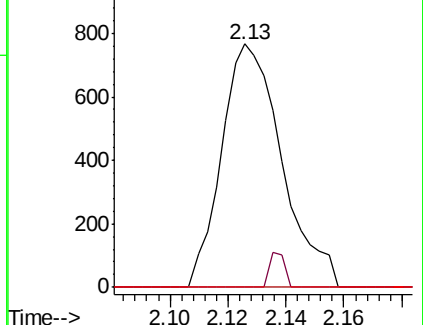
151 0.0 61.2 91.8#



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: 1.915 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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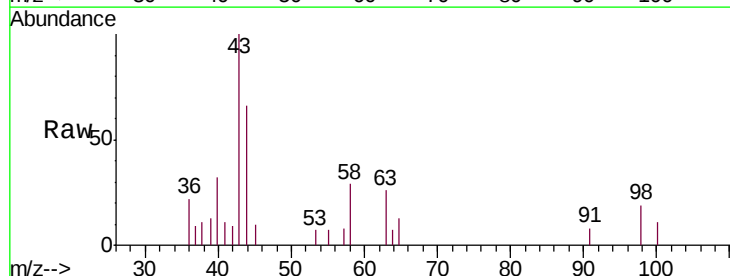
Acq: 01 Feb 2020 00:09

Tgt Ion: 43 Resp: 2701

Ion Ratio Lower Upper

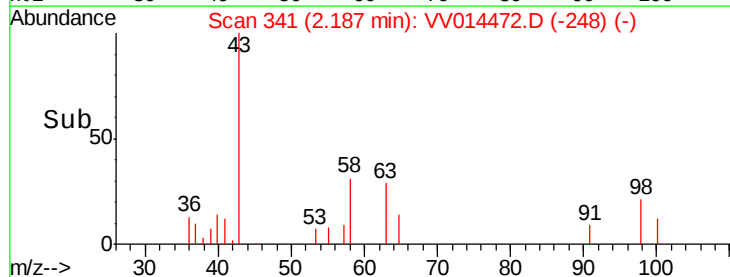
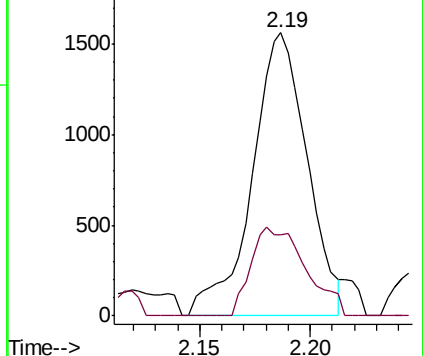
43 100

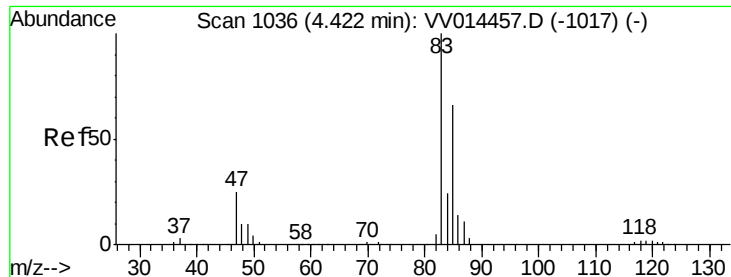
58 17.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 1.401 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV014472.D

Acq: 01 Feb 2020 00:09

Instrument :

MSVOA_V

ClientSampleId :

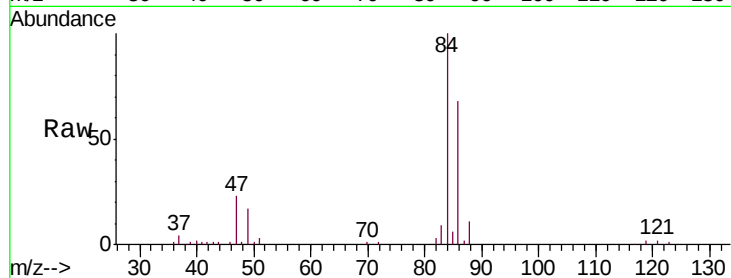
GAT44

Tgt Ion: 83 Resp: 7517

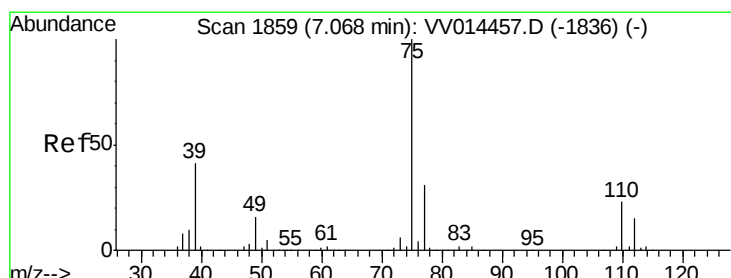
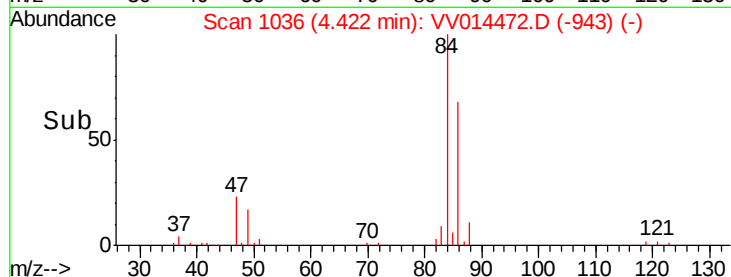
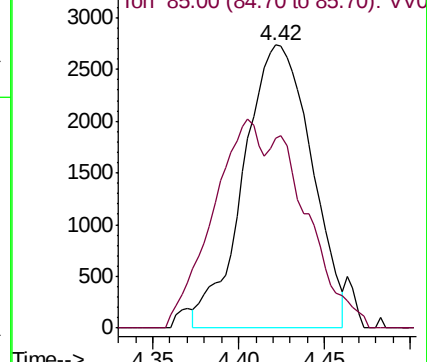
Ion Ratio Lower Upper

83 100

85 67.1 45.1 83.7



Abundance Ion 83.00 (82.70 to 83.70): VV014457.D (-1017) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.902 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014472.D

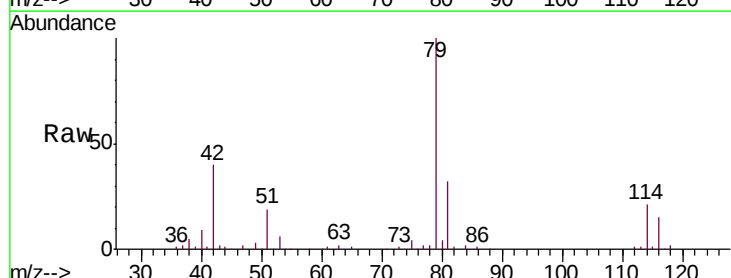
Acq: 01 Feb 2020 00:09

Tgt Ion: 75 Resp: 4569

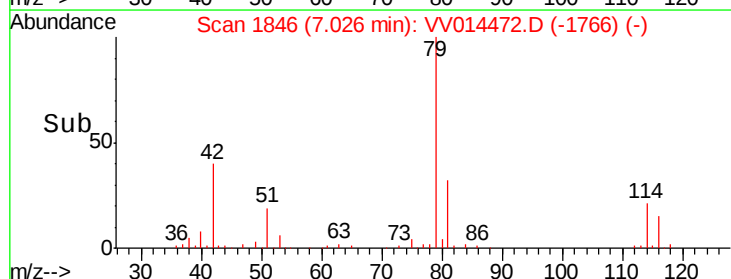
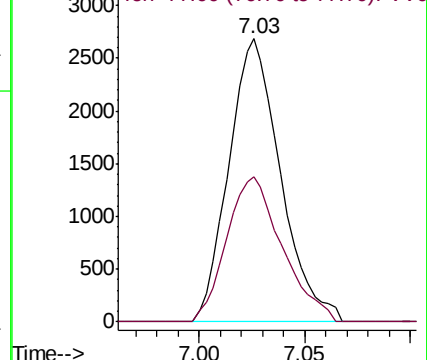
Ion Ratio Lower Upper

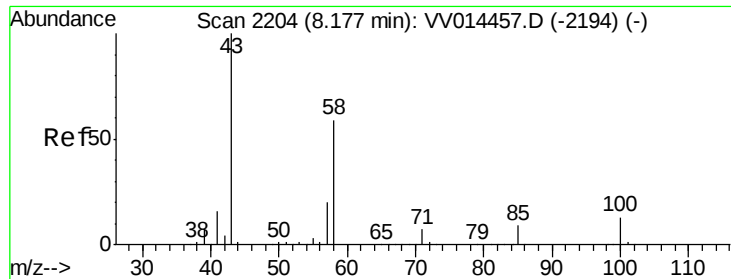
75 100

77 51.4 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VV014457.D (-1836) (-)

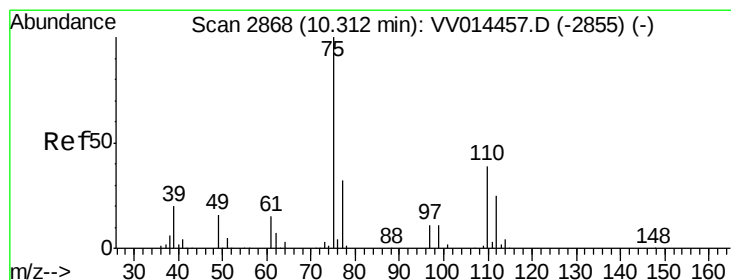
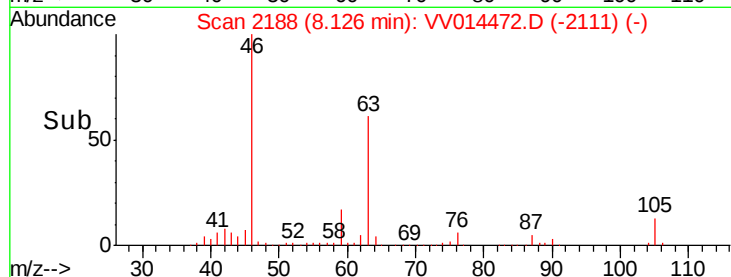
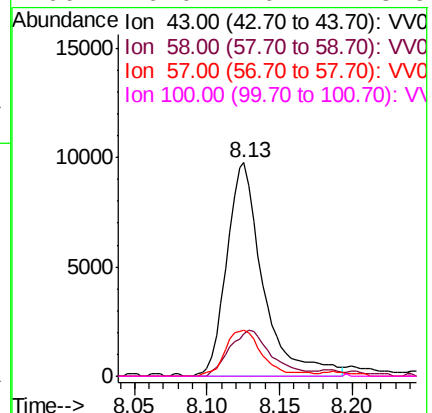
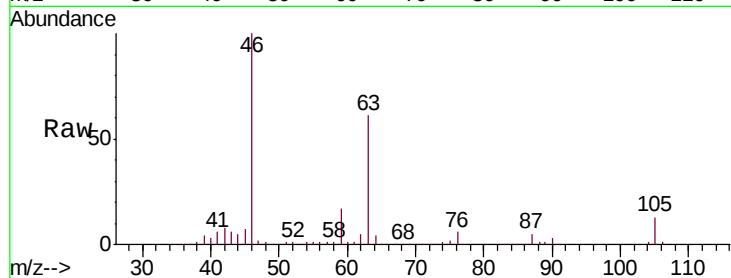




#48
2-Hexanone
Concen: 5.840 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014472.D
Acq: 01 Feb 2020 00:09

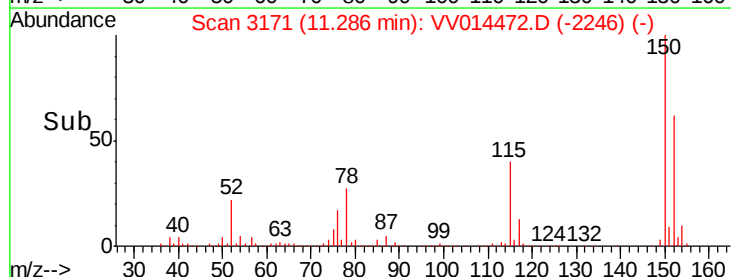
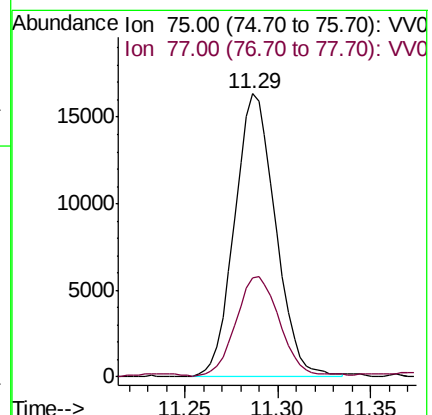
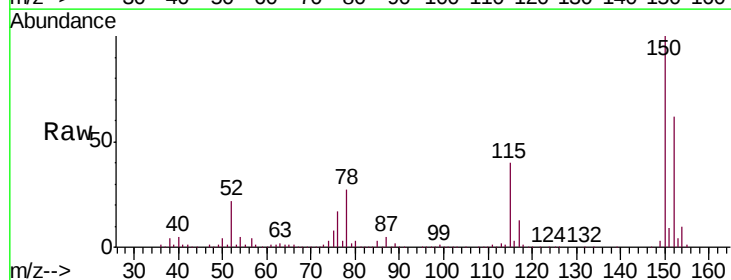
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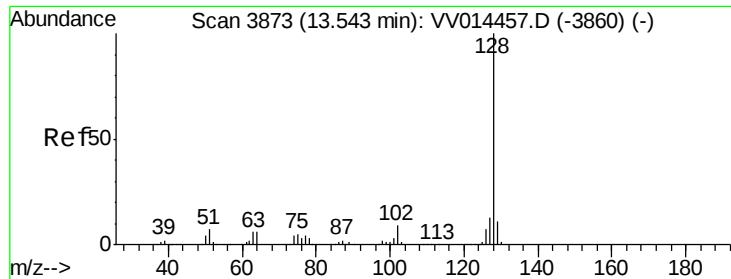
Tgt Ion: 43 Resp: 17009
Ion Ratio Lower Upper
43 100
58 24.5 48.0 72.0#
57 21.3 15.0 22.6
100 0.0 10.4 15.6#



#59
1,2,3-Trichloropropane
Concen: 6.891 ug/L
RT: 11.29 min Scan# 3171
Delta R.T. 0.97 min
Lab File: VV014472.D
Acq: 01 Feb 2020 00:09

Tgt Ion: 75 Resp: 25080
Ion Ratio Lower Upper
75 100
77 37.8 25.9 38.9





#69

Naphthalene

Concen: 10.970 ug/L

RT: 13.54 min Scan# 3873

Delta R.T. 0.00 min

Lab File: VV014472.D

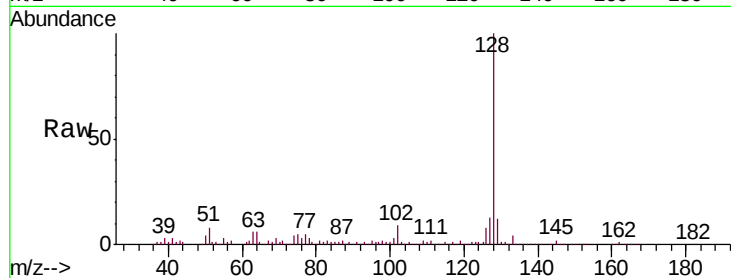
Acq: 01 Feb 2020 00:09

Instrument :

MSVOA_V

ClientSampleId :

GAT44



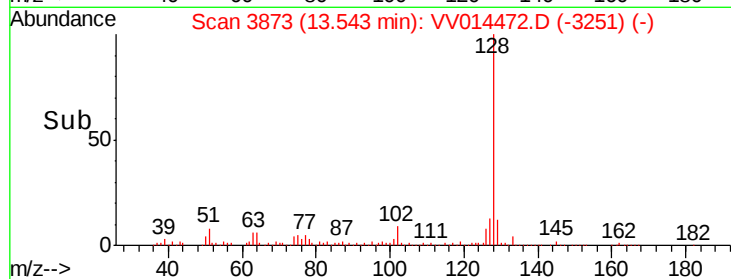
Tgt Ion:128 Resp: 132005

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

