

Data File : VV015005.D
Acq On : 18 Mar 2020 04:24
Operator : SY/MD
Sample : L1890-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DH3

Quant Time: Mar 18 07:48:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312708	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308580	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149345	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67599	32.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.90%
7) Chloroethane-d5	1.58	69	58530	37.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.66%
11) 1,1-Dichloroethene-d2	2.12	63	91694	28.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.38%#
21) 2-Butanone-d5	3.94	46	106710	84.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.01%
24) Chloroform-d	4.38	84	185195	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
26) 1,2-Dichloroethane-d4	5.06	65	126125	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
32) Benzene-d6	5.08	84	374086	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.10	67	111419	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.02%
41) Toluene-d8	7.34	98	363068	43.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.36%
43) trans-1,3-Dichloropropene-	7.64	79	53115	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.94%
47) 2-Hexanone-d5	8.12	63	104110	91.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166682	44.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	160128	48.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.90%

Target Compounds

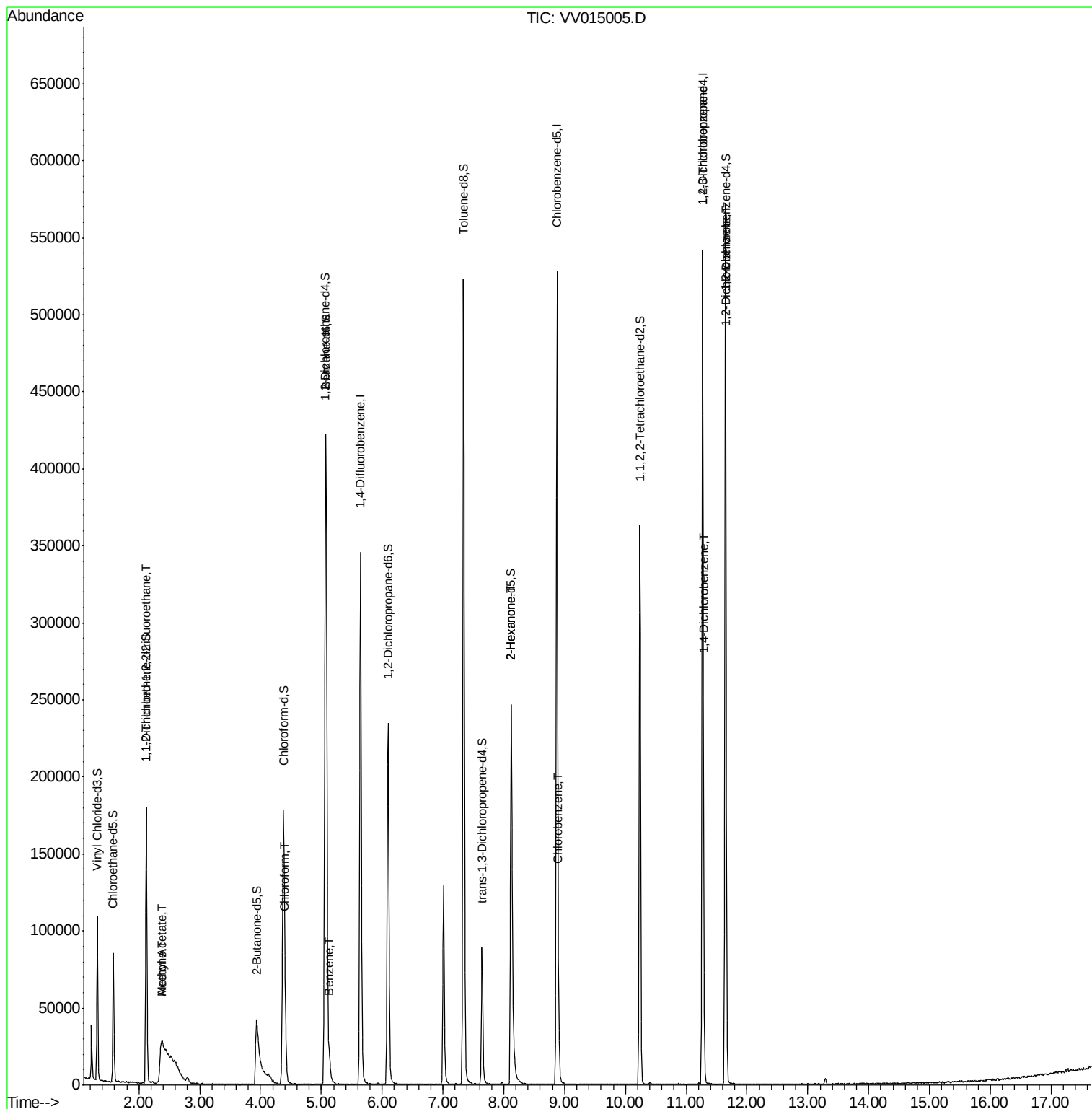
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1114	0.692 ug/L #	15
13) Acetone	2.36	43	4648	3.703 ug/L	56
15) Methyl Acetate	2.36	43	4648	2.867 ug/L #	47
25) Chloroform	4.41	83	20885	5.101 ug/L	99
33) Benzene	5.13	78	15578	1.855 ug/L	100
48) 2-Hexanone	8.12	43	12142	5.401 ug/L #	76
51) Chlorobenzene	8.90	112	17199	2.643 ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	15663	5.429 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	6745	1.361 ug/L	94
65) 1,2-Dichlorobenzene	11.66	146	4054	0.825 ug/L #	94

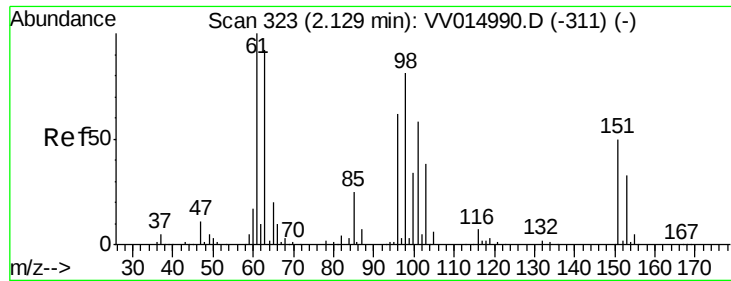
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.692 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015005.D

Acq: 18 Mar 2020 04:24

Instrument :

MSVOA_V

ClientSampled :

C0DH3

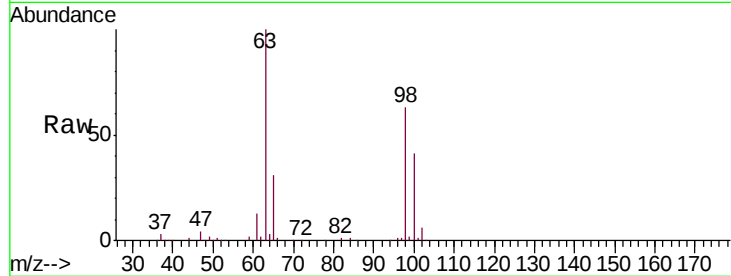
Tgt Ion:101 Resp: 1114

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

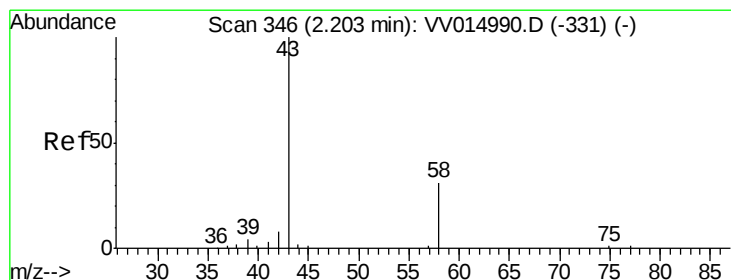
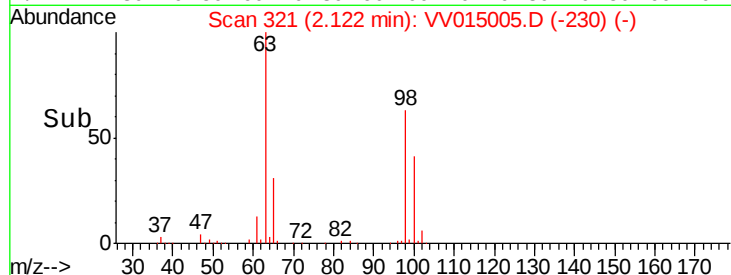
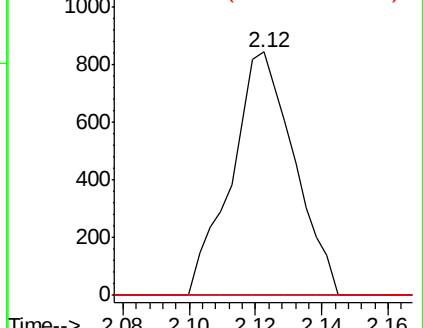
151 0.0 70.1 105.1#



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: 3.703 ug/L

RT: 2.36 min Scan# 395

Delta R.T. 0.16 min

Lab File: VV015005.D

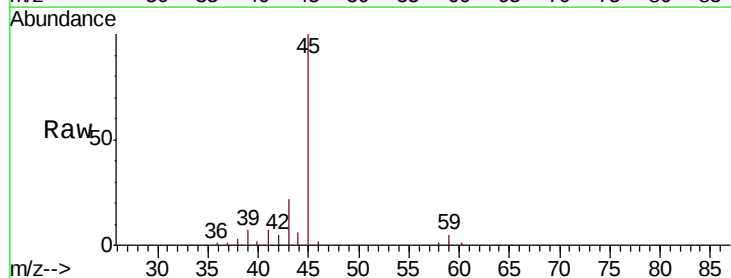
Acq: 18 Mar 2020 04:24

Tgt Ion: 43 Resp: 4648

Ion Ratio Lower Upper

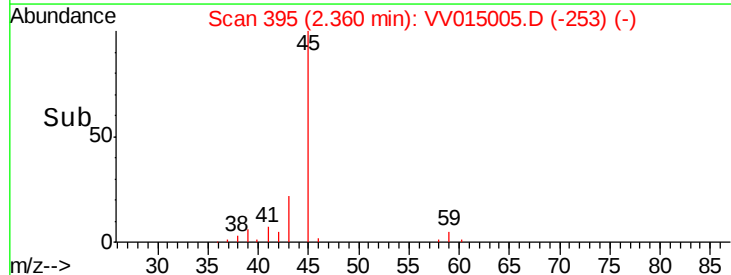
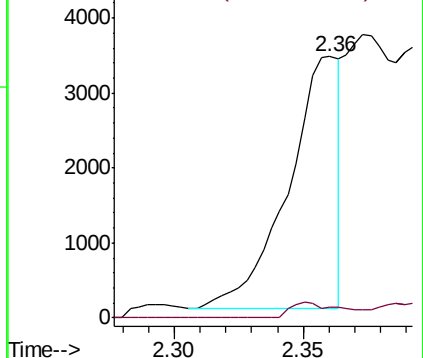
43 100

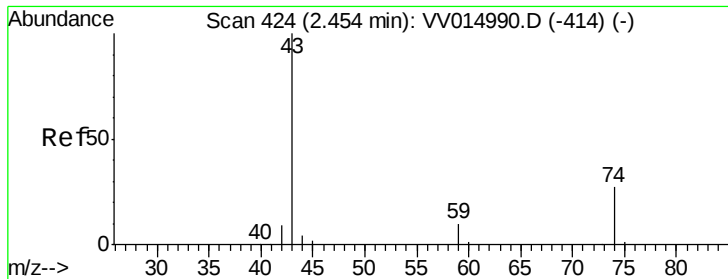
58 3.5 0.0 51.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

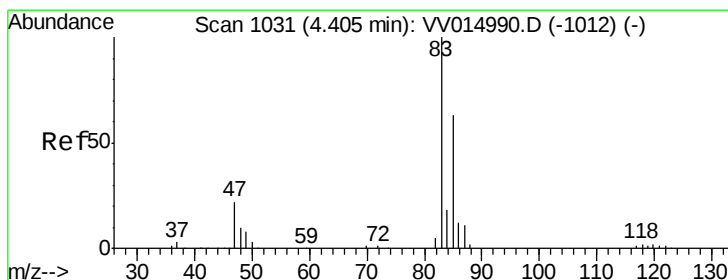
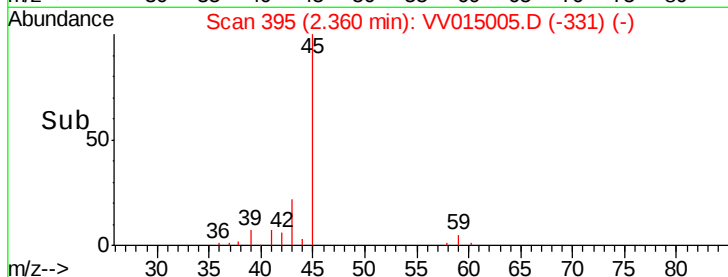
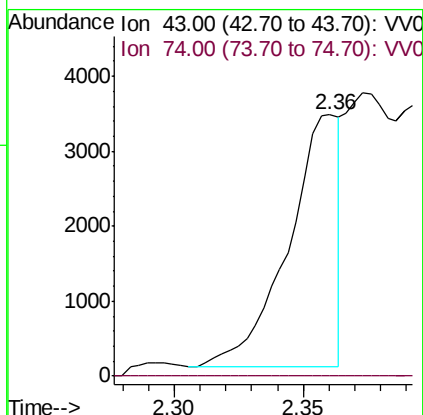
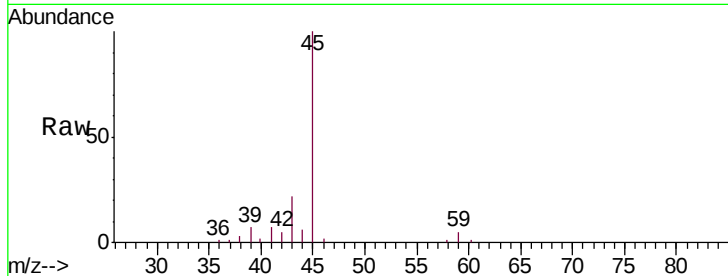




#15
Methyl Acetate
Concen: 2.867 ug/L
RT: 2.36 min Scan# 395
Delta R.T. -0.09 min
Lab File: VV015005.D
Acq: 18 Mar 2020 04:24

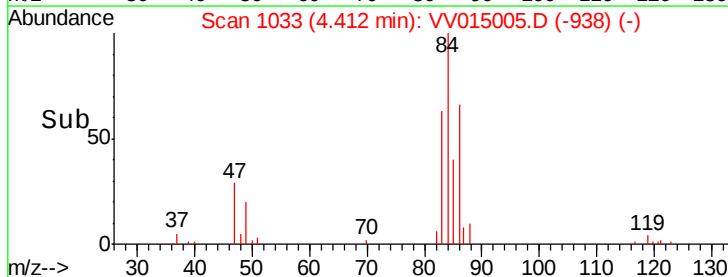
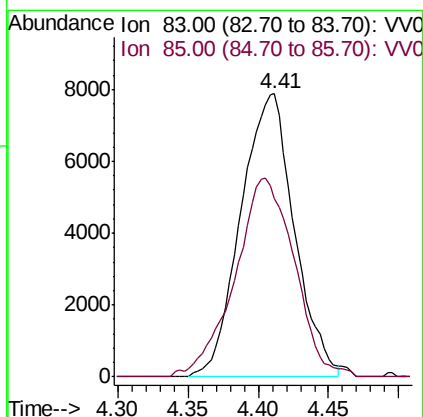
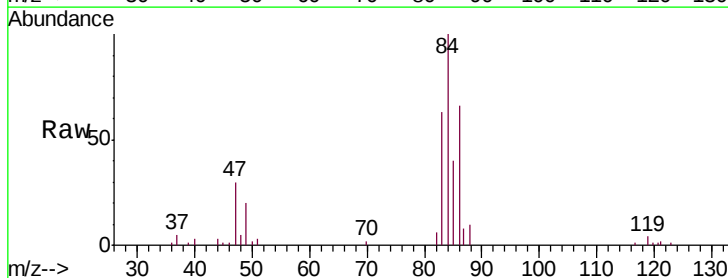
Instrument :
MSVOA_V
ClientSampleId :
C0DH3

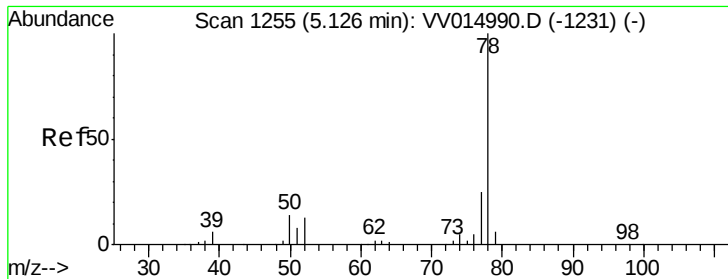
Tgt Ion: 43 Resp: 4648
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#25
Chloroform
Concen: 5.101 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015005.D
Acq: 18 Mar 2020 04:24

Tgt Ion: 83 Resp: 20885
Ion Ratio Lower Upper
83 100
85 62.9 44.6 82.8

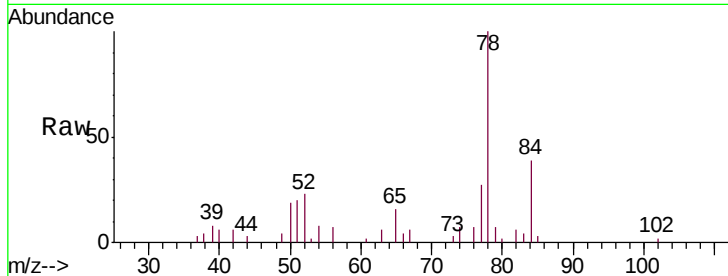




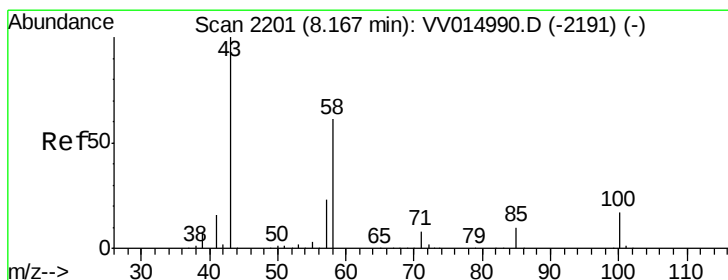
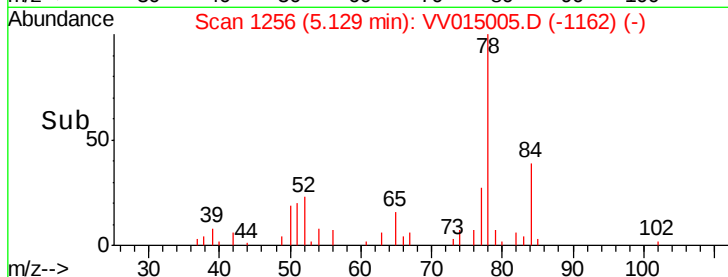
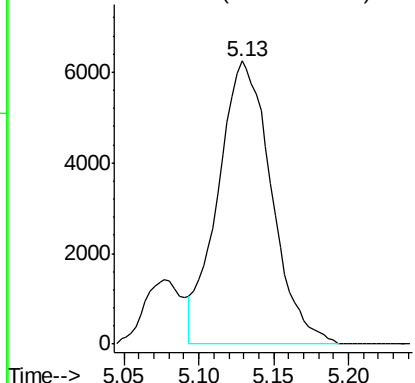
#33
Benzene
Concen: 1.855 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV015005.D
Acq: 18 Mar 2020 04:24

Instrument :
MSVOA_V
ClientSampled :
C0DH3

Tgt Ion: 78 Resp: 15578

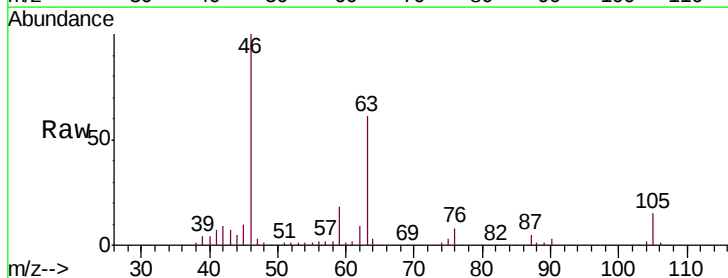


Abundance Ion 78.00 (77.70 to 78.70): VV0



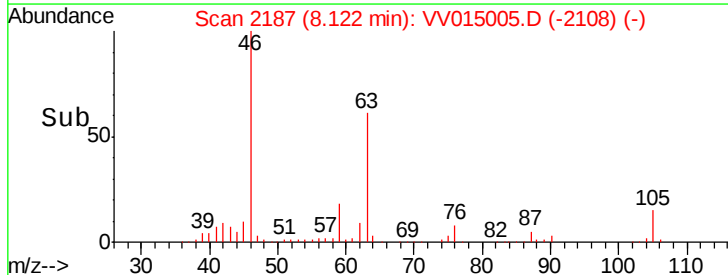
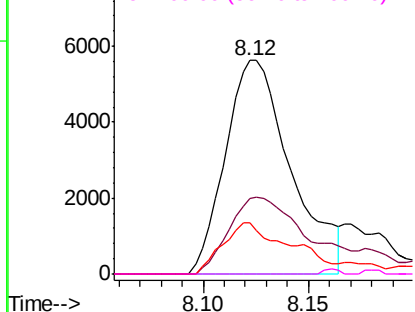
#48
2-Hexanone
Concen: 5.401 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.05 min
Lab File: VV015005.D
Acq: 18 Mar 2020 04:24

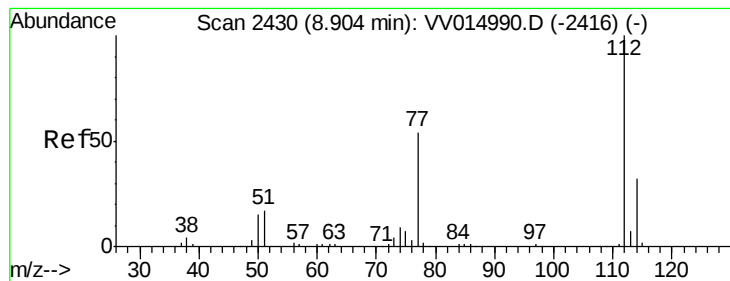
Tgt Ion: 43 Resp: 12142
Ion Ratio Lower Upper
43 100
58 36.7 46.9 70.3#
57 20.5 16.2 24.4
100 0.5 11.9 17.9#



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





#51

Chlorobenzene

Concen: 2.643 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015005.D

Acq: 18 Mar 2020 04:24

Instrument :

MSVOA_V

ClientSampleId :

C0DH3

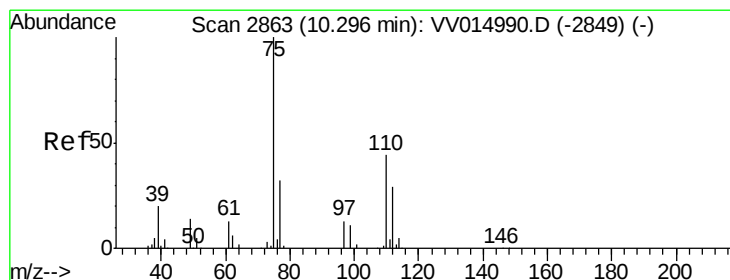
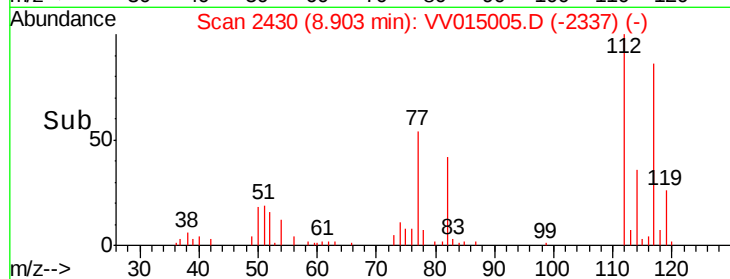
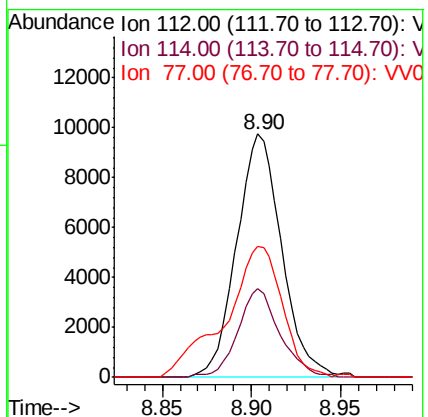
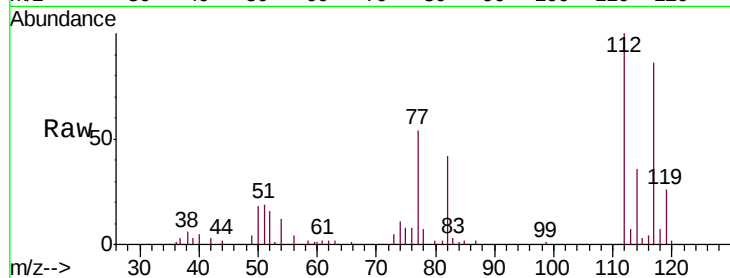
Tgt Ion: 112 Resp: 17199

Ion Ratio Lower Upper

112 100

114 36.3 22.8 42.4

77 53.7 44.5 66.7



#59

1,2,3-Trichloropropane

Concen: 5.429 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015005.D

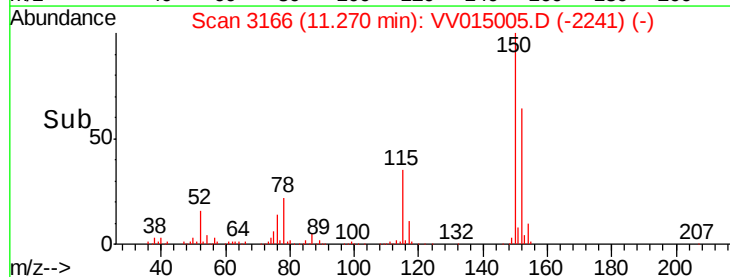
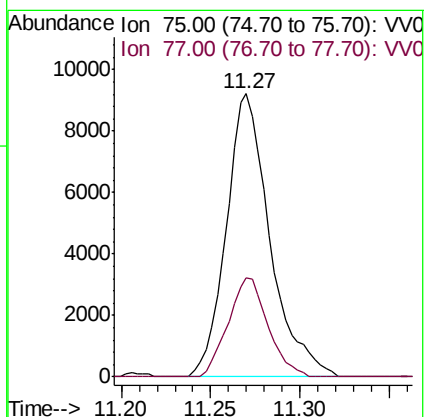
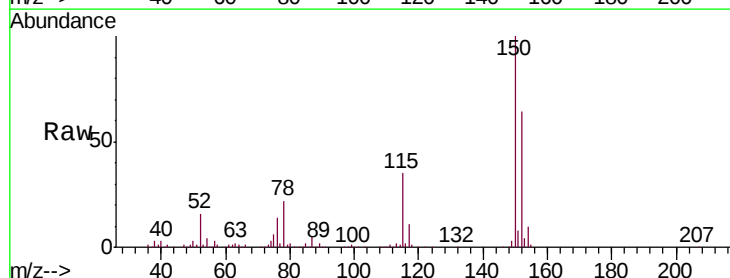
Acq: 18 Mar 2020 04:24

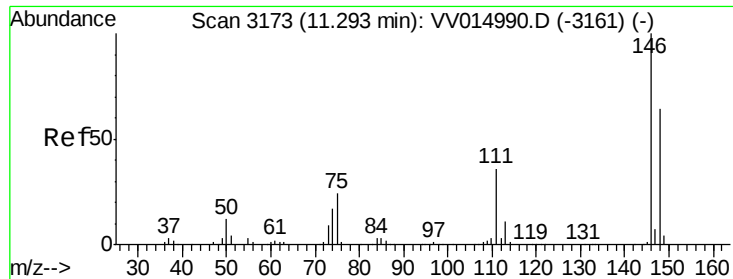
Tgt Ion: 75 Resp: 15663

Ion Ratio Lower Upper

75 100

77 32.1 26.6 40.0





#63

1,4-Dichlorobenzene

Concen: 1.361 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV015005.D

Acq: 18 Mar 2020 04:24

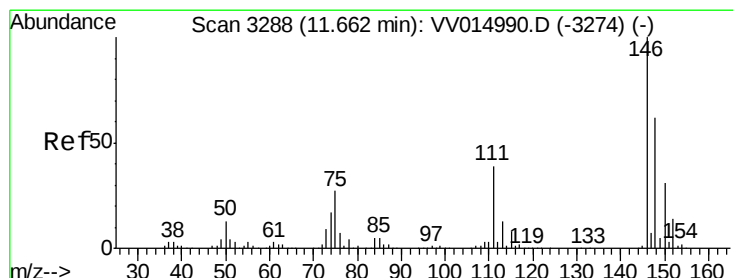
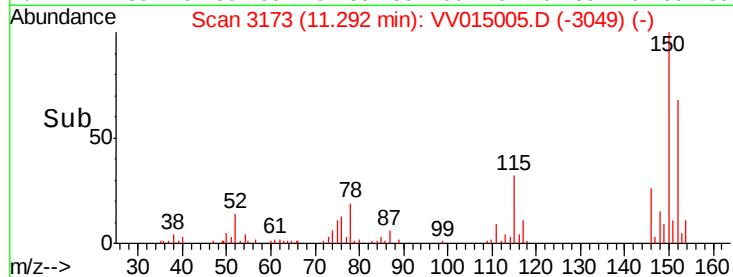
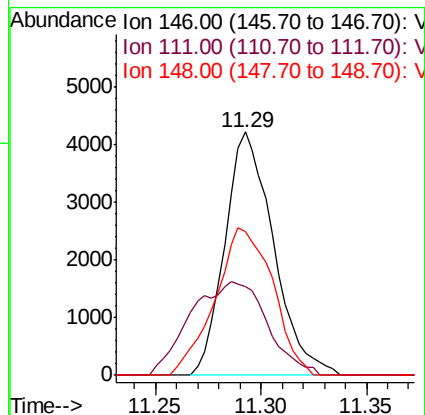
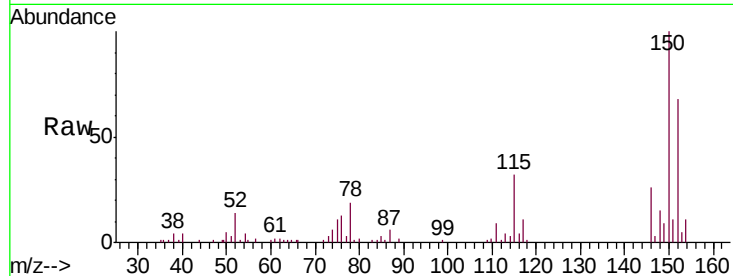
Instrument :

MSVOA_V

ClientSampled :

C0DH3

Tgt Ion:	146	Resp:	6745
Ion	Ratio	Lower	Upper
146	100		
111	36.3	26.0	48.2
148	59.1	46.1	85.5



#65

1,2-Dichlorobenzene

Concen: 0.825 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. -0.00 min

Lab File: VV015005.D

Acq: 18 Mar 2020 04:24

Tgt Ion:	146	Resp:	4054
Ion	Ratio	Lower	Upper
146	100		
111	48.3	31.6	47.4#
148	66.3	52.2	78.4

