

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016490.D
 Acq On : 04 Jun 2020 05:12
 Operator : SY/MD
 Sample : L2849-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 07:41:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364754	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342785	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114814	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.88%
7) Chloroethane-d5	1.57	69	83731	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.12	63	158896	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	3.90	46	169827	102.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.37	84	227747	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.06	65	160756	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
32) Benzene-d6	5.07	84	463995	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
36) 1,2-Dichloropropane-d6	6.09	67	144222	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.82%
41) Toluene-d8	7.34	98	409607	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%
43) trans-1,3-Dichloropropene-	7.64	79	60442	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.11	63	130469	106.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186366	48.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	160459	53.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.94%

Target Compounds

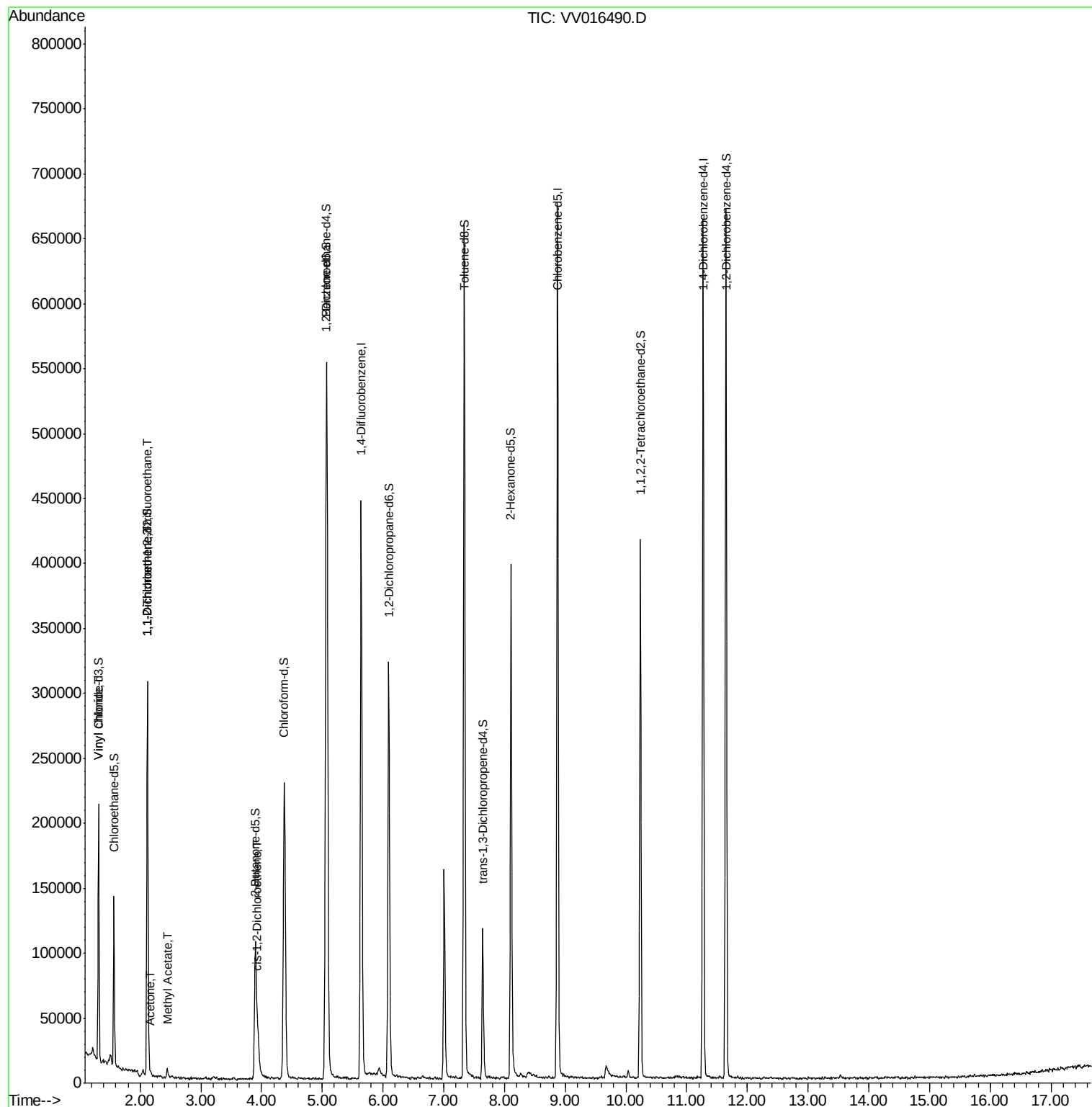
					Ovalue
5) Vinyl chloride	1.32	62	6548	2.337 ug/L #	66
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1606	0.763 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1416	0.699 ug/L #	1
13) Acetone	2.18	43	2040	1.321 ug/L	95
15) Methyl Acetate	2.45	43	7654	2.697 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	11938	4.329 ug/L	98

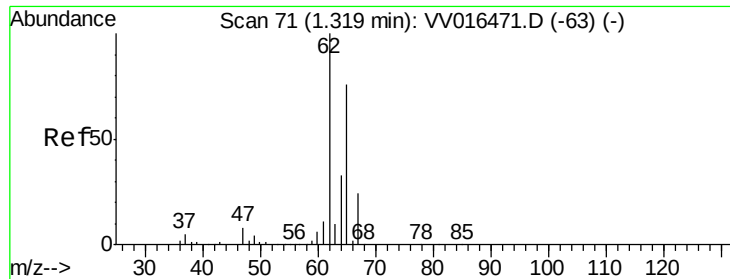
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.337 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016490.D

Acq: 04 Jun 2020 05:12

Instrument :

MSVOA_V

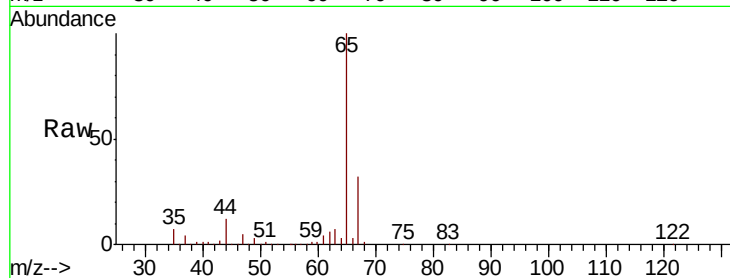
ClientSampleId :

Tot Ion: 62 Resp: 6548

Ion Ratio Lower Upper

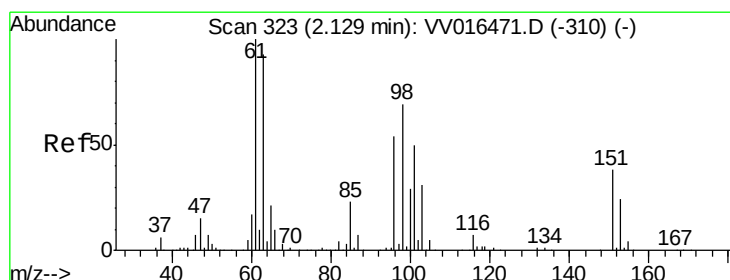
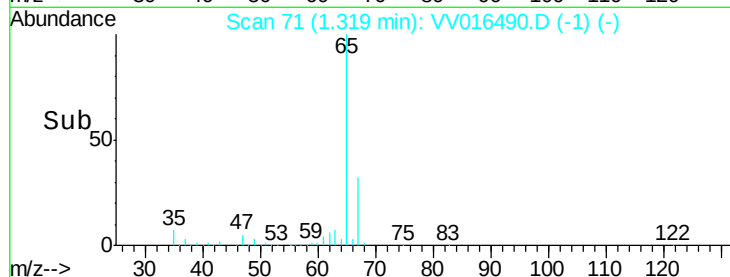
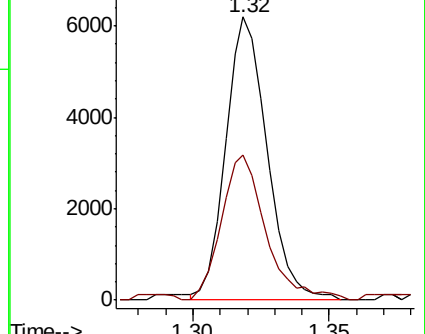
62 100

64 51.3 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV016490.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VV016490.D (-1) (-)



#10

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

Concen: 0.763 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016490.D

Acq: 04 Jun 2020 05:12

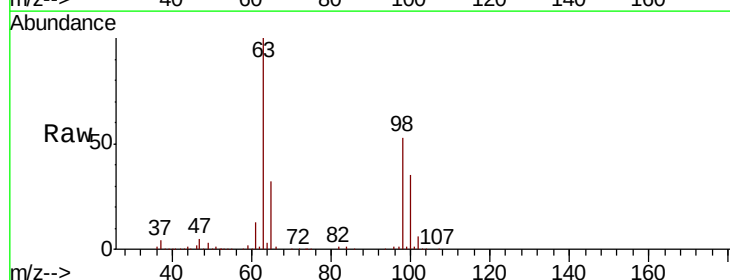
Tgt Ion: 101 Resp: 1606

Ion Ratio Lower Upper

101 100

85 2.6 35.6 53.4#

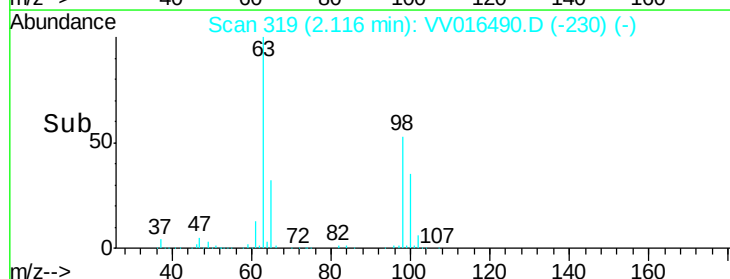
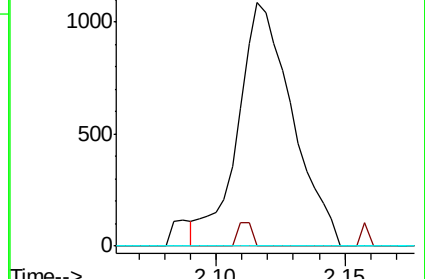
151 0.0 61.8 92.8#

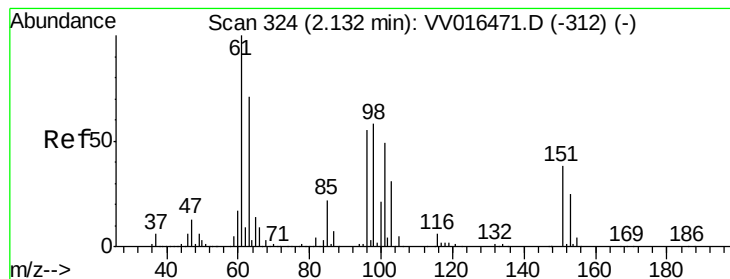


Abundance Ion 101.00 (100.70 to 101.70): VV016490.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016490.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016490.D (-230) (-)





#12

1,1-Dichloroethene

Concen: 0.699 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016490.D

Acq: 04 Jun 2020 05:12

Instrument :
MSVOA_V
ClientSampleId :

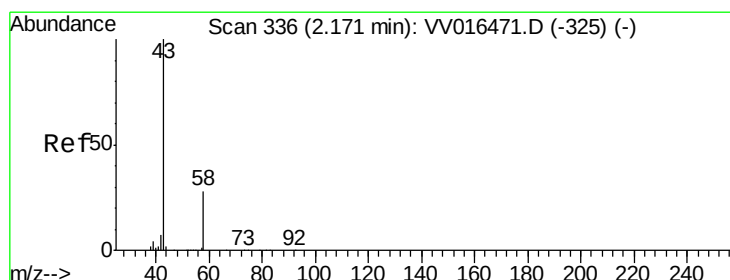
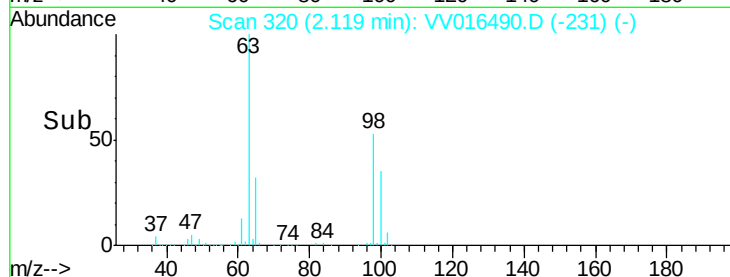
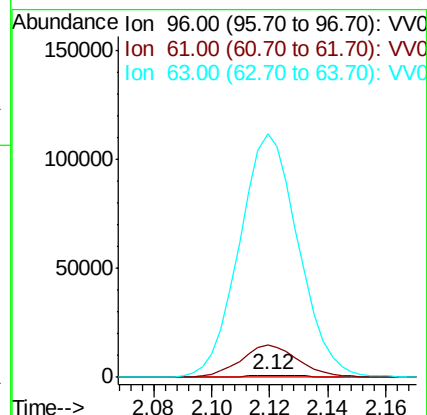
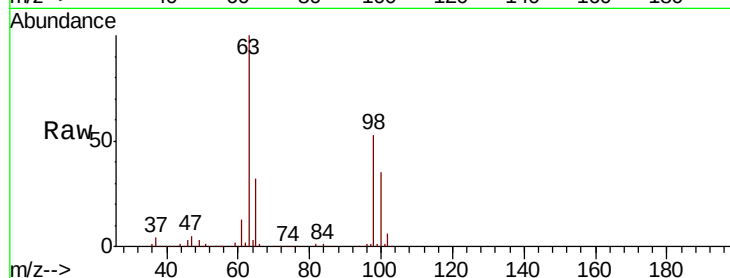
Tot Ion: 96 Resp: 1416

Ion Ratio Lower Upper

96 100

61 1671.4 125.5 233.1#

63 12746.2 104.0 193.1#



#13

Acetone

Concen: 1.321 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.01 min

Lab File: VV016490.D

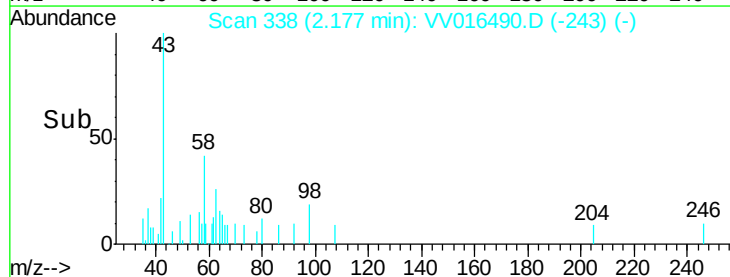
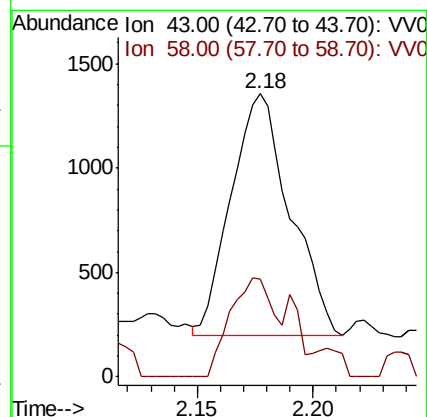
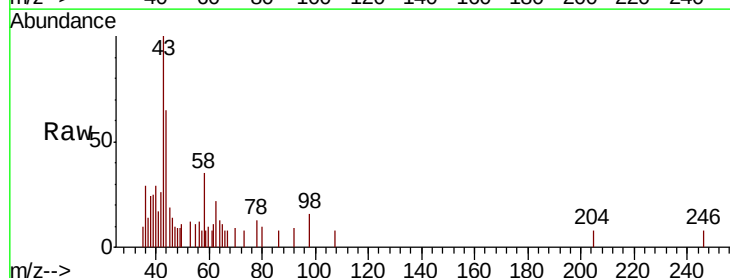
Acq: 04 Jun 2020 05:12

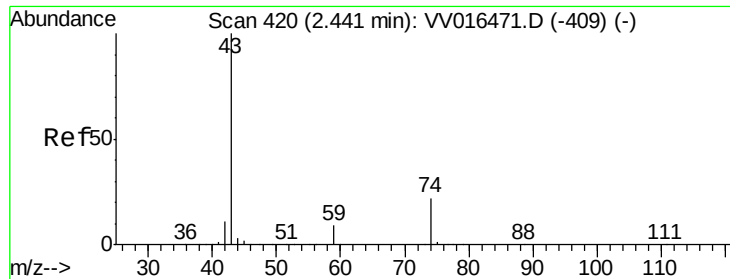
Tgt Ion: 43 Resp: 2040

Ion Ratio Lower Upper

43 100

58 31.0 0.0 57.2

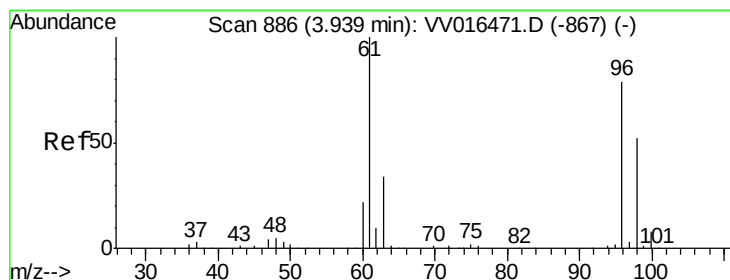
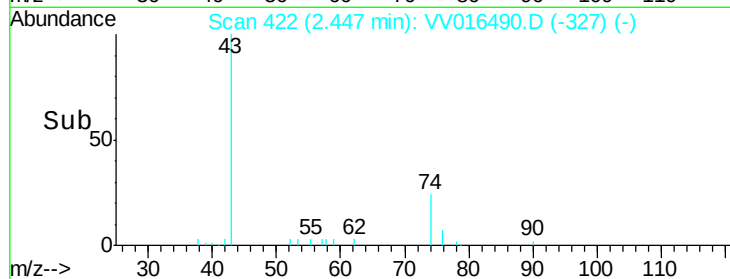
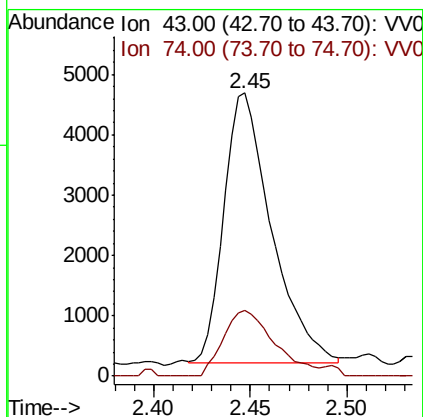
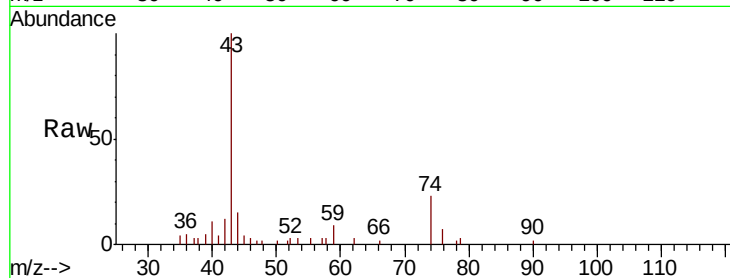




#15
Methvl Acetate
Concen: 2.697 ug/L
RT: 2.45 min Scan# 422
Delta R.T. 0.01 min
Lab File: VV016490.D
Acq: 04 Jun 2020 05:12

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7654
Ion Ratio Lower Upper
43 100
74 26.3 18.1 27.1



#20
cis-1,2-Dichloroethene
Concen: 4.329 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016490.D
Acq: 04 Jun 2020 05:12

Tgt Ion: 96 Resp: 11938
Ion Ratio Lower Upper
96 100
61 135.2 93.4 173.4
68 0.0 0.0 0.0

