

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016824.D
 Acq On : 11 Jun 2020 14:07
 Operator : SY/MD
 Sample : L2929-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:32:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364896	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96517	37.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.98%
7) Chloroethane-d5	1.55	69	66202	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.70%
11) 1,1-Dichloroethene-d2	2.11	63	128026	29.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.22%#
21) 2-Butanone-d5	3.89	46	188871	99.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.11%
24) Chloroform-d	4.37	84	213575	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.58%
26) 1,2-Dichloroethane-d4	5.05	65	154809	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.94%
32) Benzene-d6	5.07	84	413269	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.50%
36) 1,2-Dichloropropane-d6	6.09	67	131375	42.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.14%
41) Toluene-d8	7.34	98	372795	40.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.10%
43) trans-1,3-Dichloropropene-	7.64	79	66158	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.36%
47) 2-Hexanone-d5	8.11	63	123780	90.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188238	45.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	173153	42.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.78%

Target Compounds

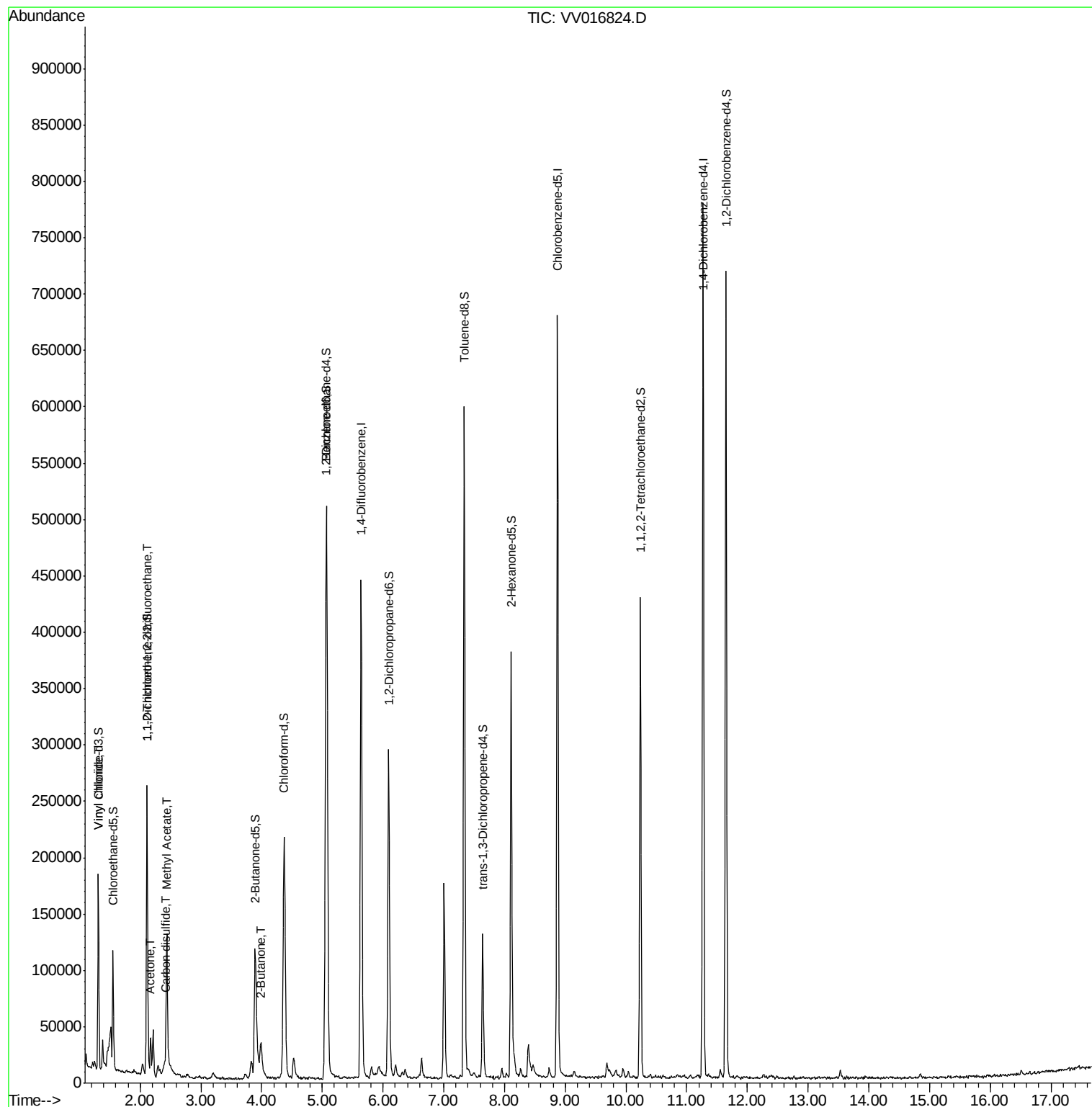
					Ovalue
5) Vinyl chloride	1.32	62	7316	2.812	ug/L # 66
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1273	0.656	ug/L # 19
13) Acetone	2.17	43	33089	26.353	ug/L 97
14) Carbon disulfide	2.41	76	25232	3.848	ug/L 100
15) Methyl Acetate	2.44	43	122441	43.751	ug/L 100
22) 2-Butanone	3.99	43	46932	24.239	ug/L 99

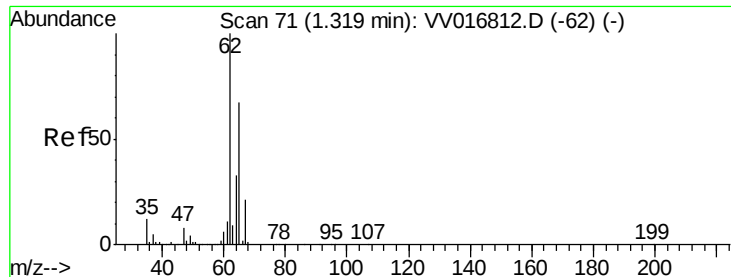
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.812 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016824.D

Acq: 11 Jun 2020 14:07

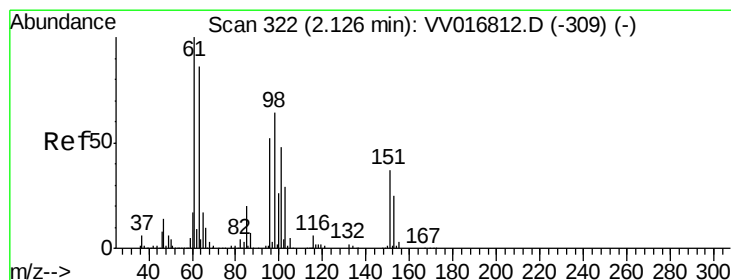
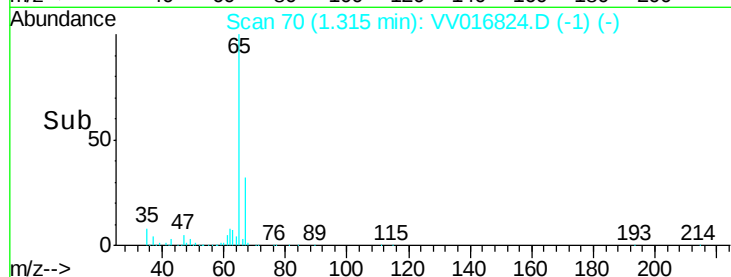
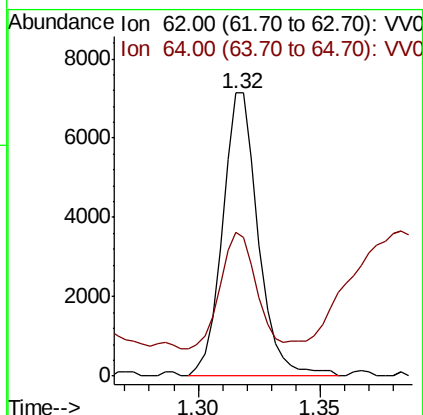
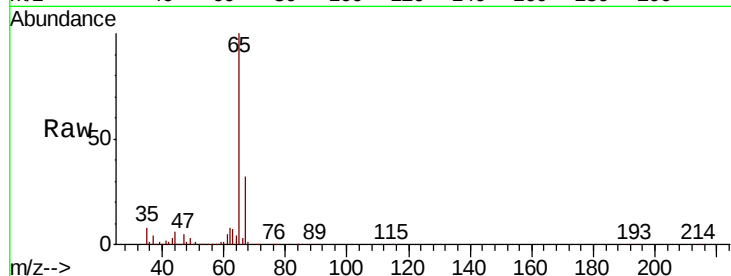
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 7316

Ion Ratio Lower Upper

62 100

64 50.9 22.3 41.5#



#10

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

Concen: 0.656 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV016824.D

Acq: 11 Jun 2020 14:07

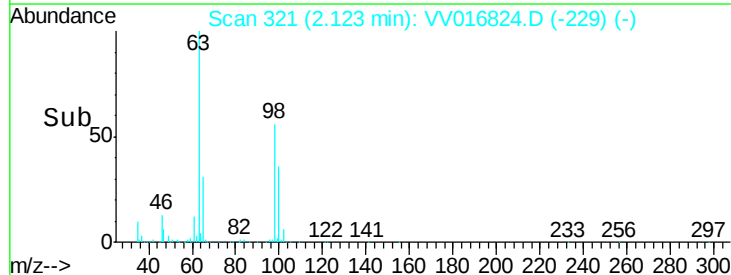
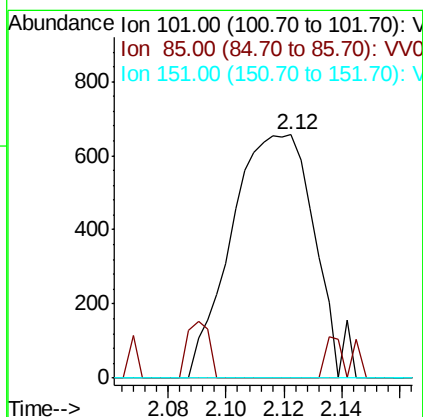
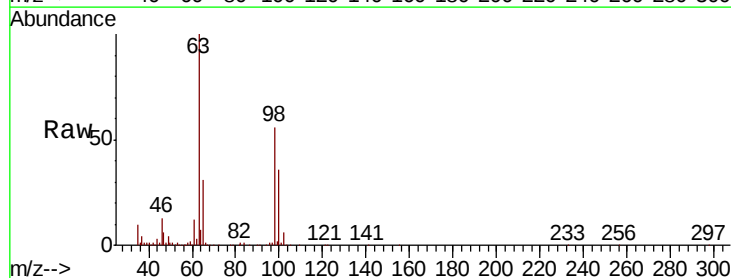
Tgt Ion: 101 Resp: 1273

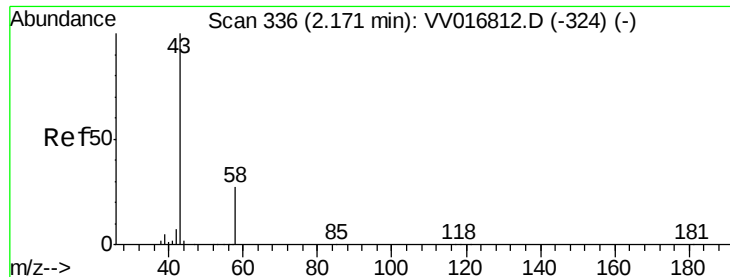
Ion Ratio Lower Upper

101 100

85 3.3 35.5 53.3#

151 0.0 63.9 95.9#





#13

Acetone

Concen: 26.353 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016824.D

Acq: 11 Jun 2020 14:07

Instrument :

MSVOA_V

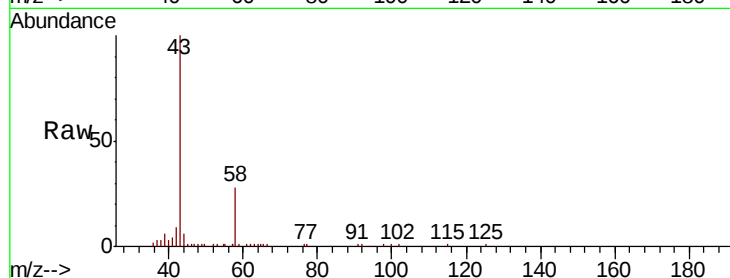
ClientSampleId :

Tot Ion: 43 Resp: 33089

Ion Ratio Lower Upper

43 100

58 29.1 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016824.D (-337) (-)

Ion 58.00 (57.70 to 58.70): VV016824.D (-337) (-)

2.17

20000

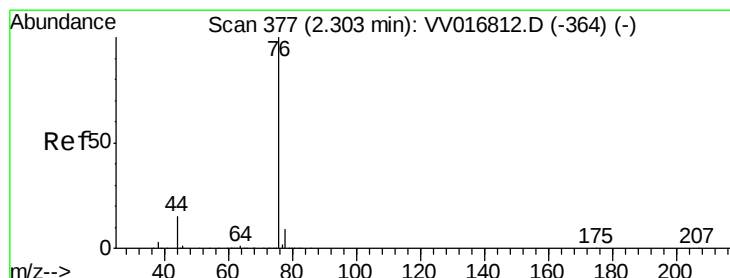
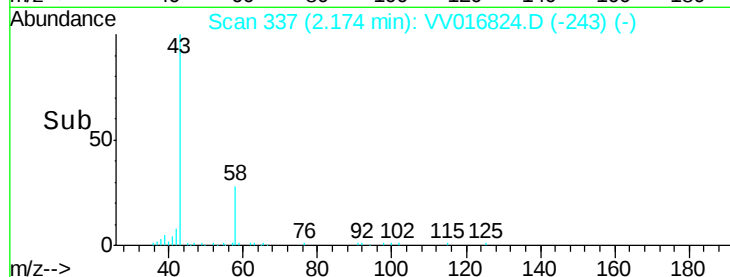
15000

10000

5000

0

Time--> 2.10 2.15 2.20 2.25



#14

Carbon disulfide

Concen: 3.848 ug/L

RT: 2.41 min Scan# 411

Delta R.T. 0.11 min

Lab File: VV016824.D

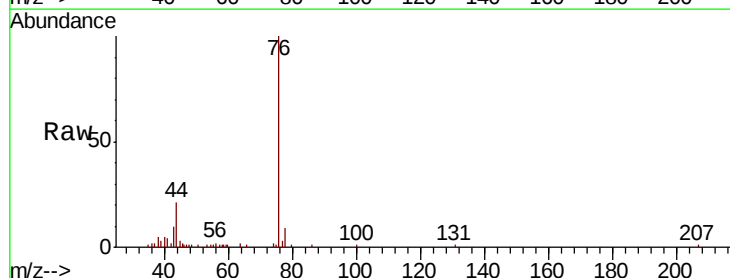
Acq: 11 Jun 2020 14:07

Tgt Ion: 76 Resp: 25232

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV016824.D (-411) (-)

Ion 78.00 (77.70 to 78.70): VV016824.D (-411) (-)

2.41

12000

10000

8000

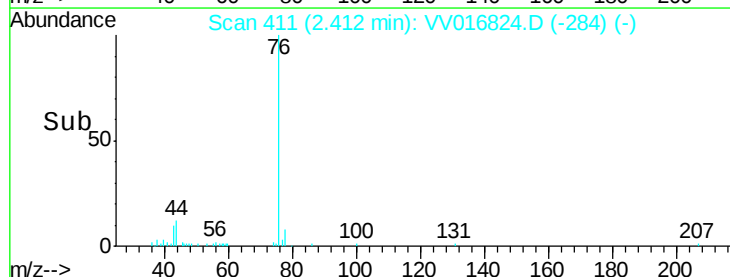
6000

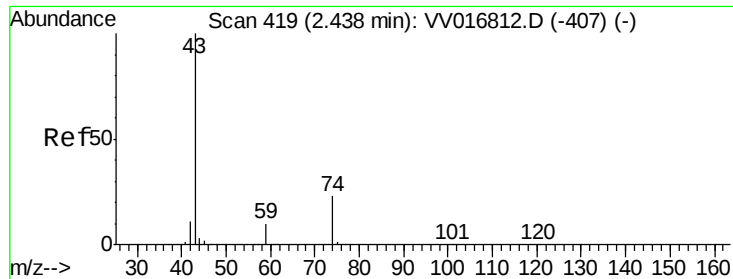
4000

2000

0

Time--> 2.30 2.35 2.40 2.45

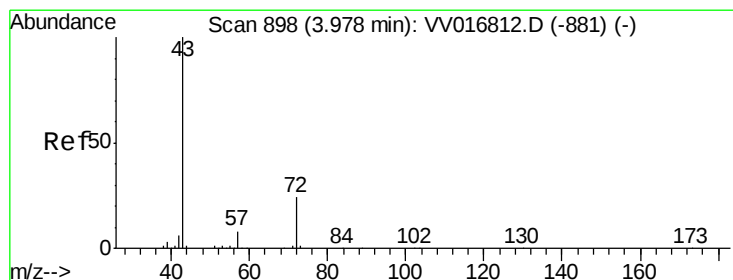
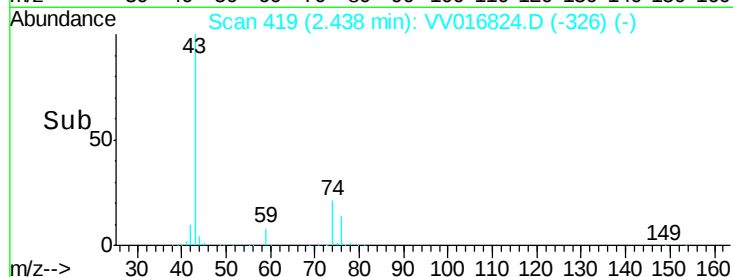
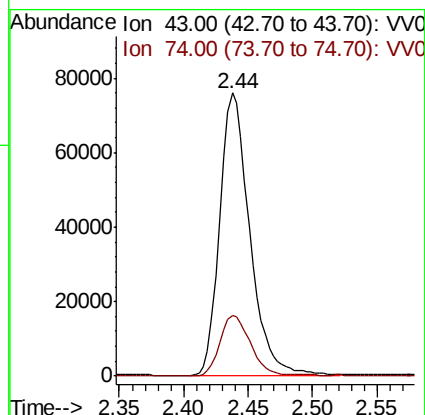
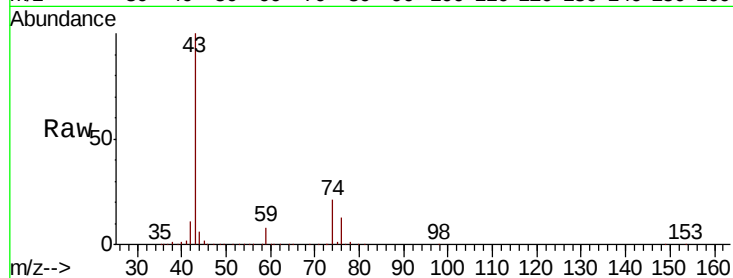




#15
Methvl Acetate
Concen: 43.751 ug/L
RT: 2.44 min Scan# 419
Delta R.T. -0.00 min
Lab File: VV016824.D
Acq: 11 Jun 2020 14:07

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 122441
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9



#22
2-Butanone
Concen: 24.239 ug/L
RT: 3.99 min Scan# 901
Delta R.T. 0.01 min
Lab File: VV016824.D
Acq: 11 Jun 2020 14:07

Tgt Ion: 43 Resp: 46932
Ion Ratio Lower Upper
43 100
72 25.6 12.4 37.4

