

Data File : VV013480.D
Acq On : 04 Nov 2019 17:28
Operator : SY/MD
Sample : K5656-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5452

Quant Time: Nov 05 07:20:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 07:17:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	327435	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	352754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	184298	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127724	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.58	69	111626	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	171038	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.96	46	391179	52.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.64%
24) Chloroform-d	4.40	84	301355	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.08	65	158552	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	593205	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	187849	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	485639	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	60099	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.14	63	226887	42.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	138646	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	204500	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

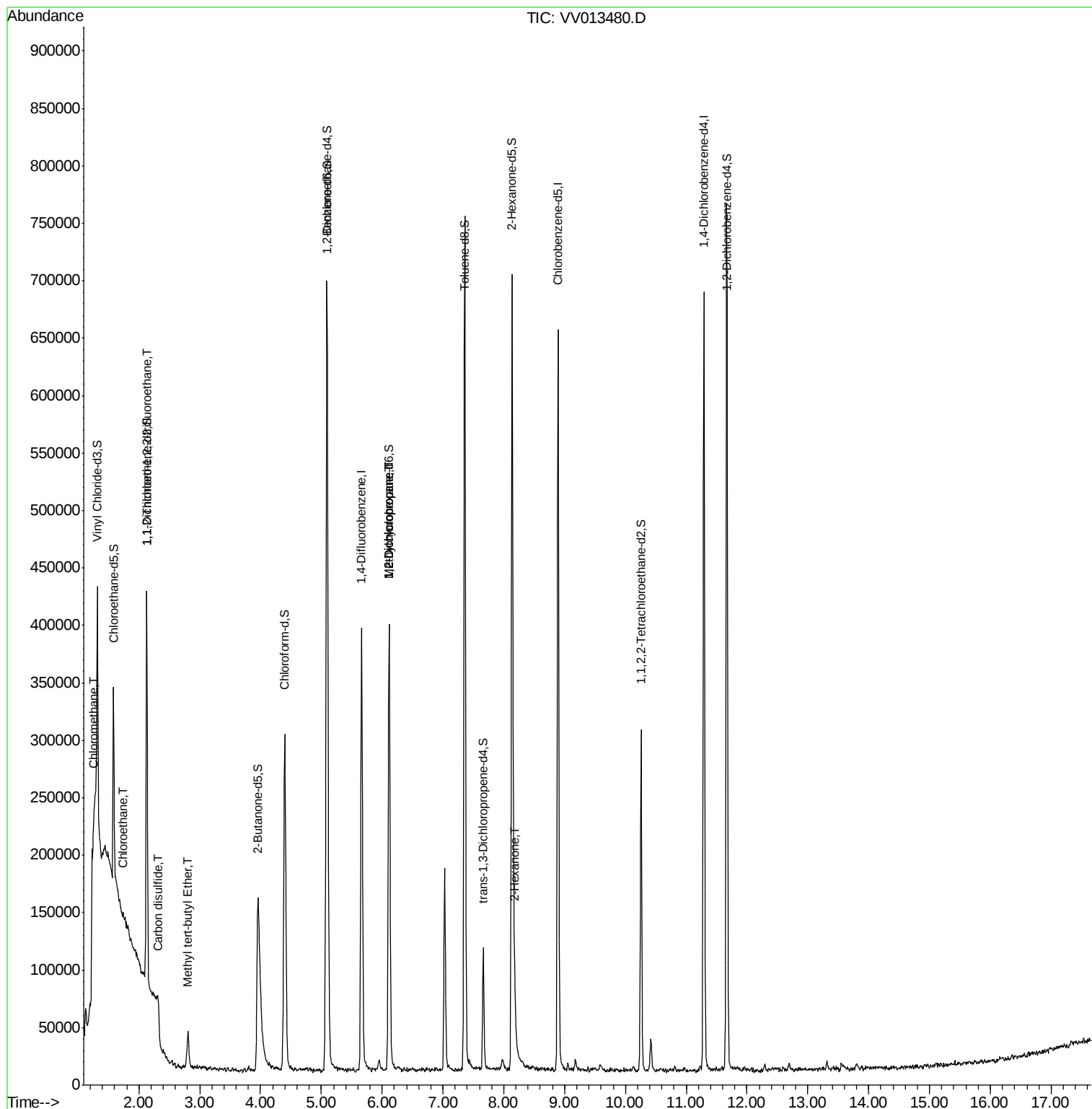
					Qvalue
3) Chloromethane	1.25	50	14873	0.461 ug/L	89
8) Chloroethane	1.74	64	17504	0.979 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1861	0.075 ug/L #	21
14) Carbon disulfide	2.32	76	5135	0.072 ug/L #	85
17) Methyl tert-butyl Ether	2.81	73	30386	0.443 ug/L	95
35) Methylcyclohexane	6.12	83	45585	0.863 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	21457	0.683 ug/L #	86
48) 2-Hexanone	8.18	43	10413	0.718 ug/L #	42

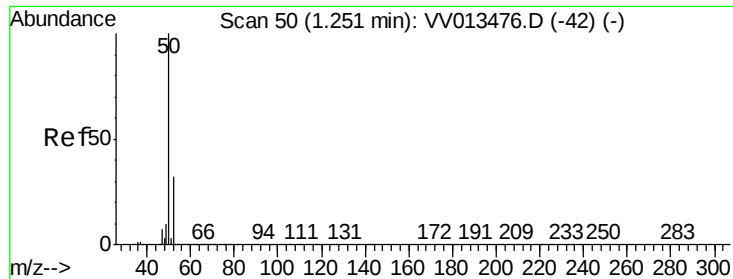
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.461 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013480.D

Acq: 04 Nov 2019 17:28

Instrument :

MSVOA_V

ClientSampleId :

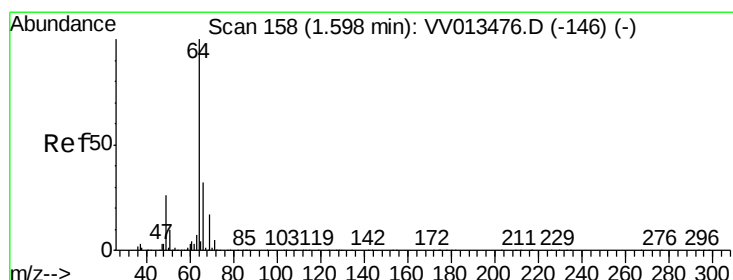
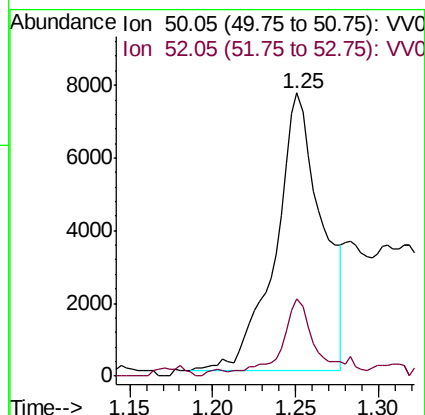
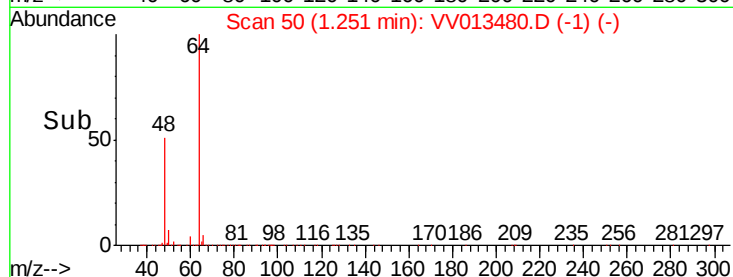
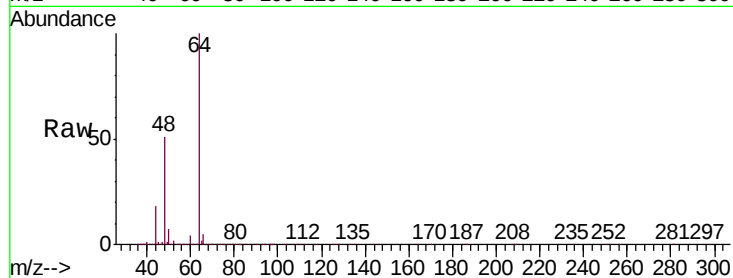
A5452

Tgt Ion: 50 Resp: 14873

Ion Ratio Lower Upper

50 100

52 27.5 23.4 43.6



#8

Chloroethane

Concen: 0.979 ug/L

RT: 1.74 min Scan# 203

Delta R.T. 0.14 min

Lab File: VV013480.D

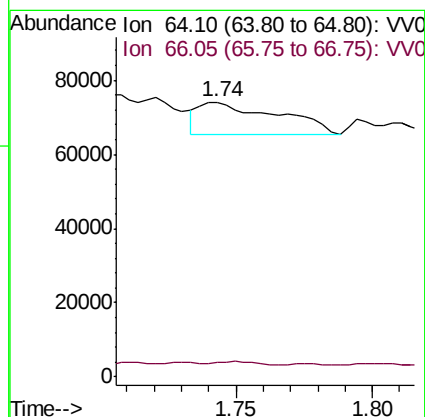
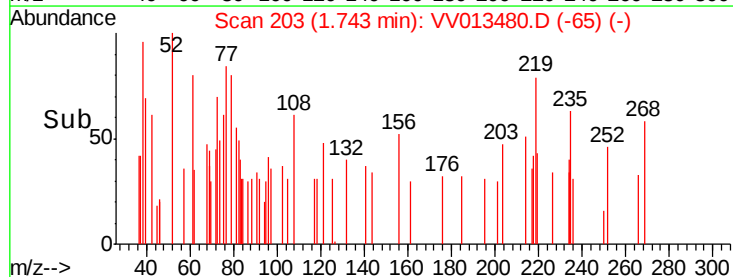
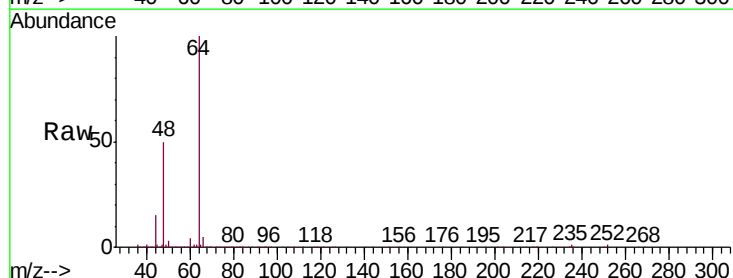
Acq: 04 Nov 2019 17:28

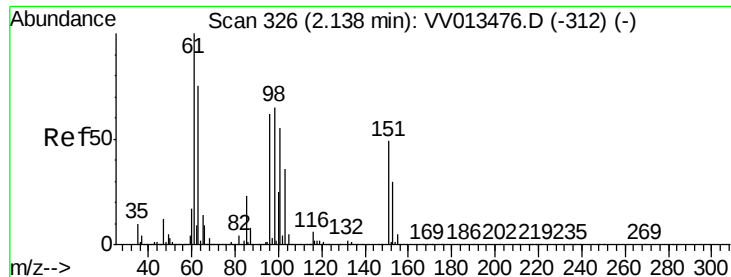
Tgt Ion: 64 Resp: 17504

Ion Ratio Lower Upper

64 100

66 5.1 22.8 42.4#





#10

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

Concen: 0.075 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

A5452

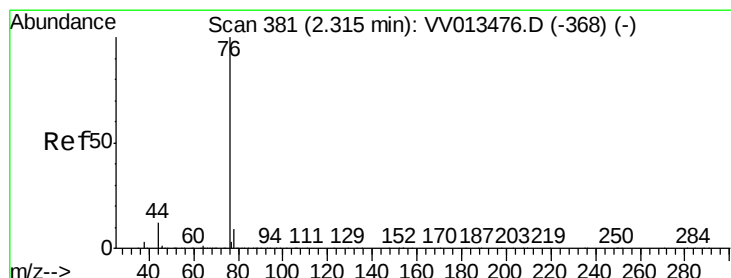
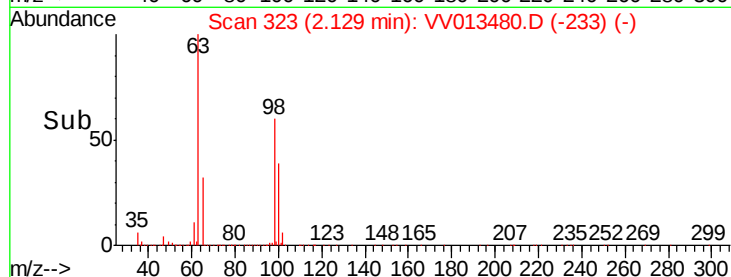
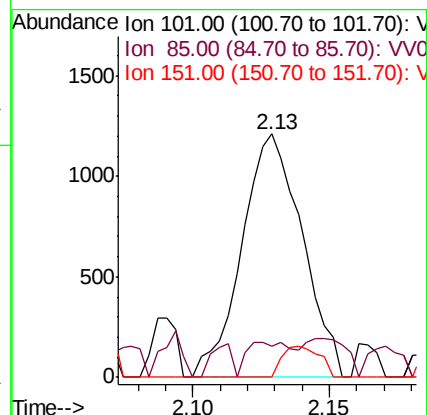
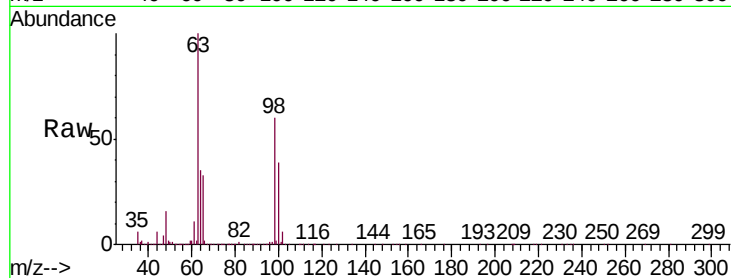
Tgt Ion: 101 Resp: 1861

Ion Ratio Lower Upper

101 100

85 11.2 33.1 49.7#

151 0.0 68.8 103.2#



#14

Carbon disulfide

Concen: 0.072 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013480.D

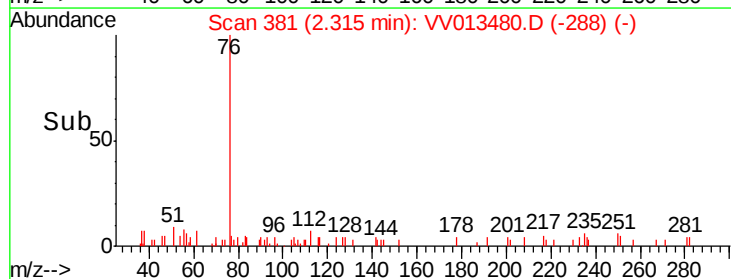
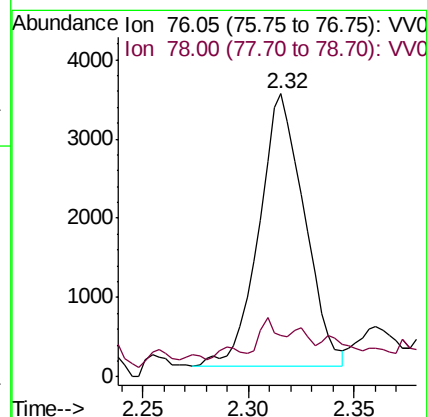
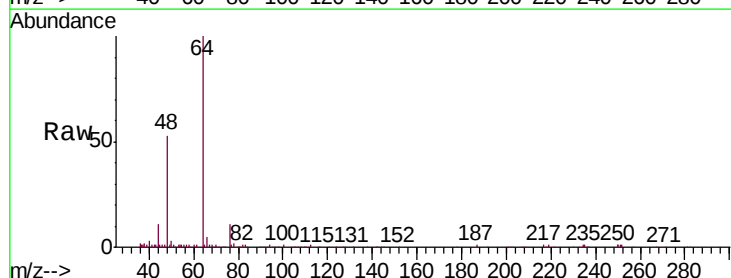
Acq: 04 Nov 2019 17:28

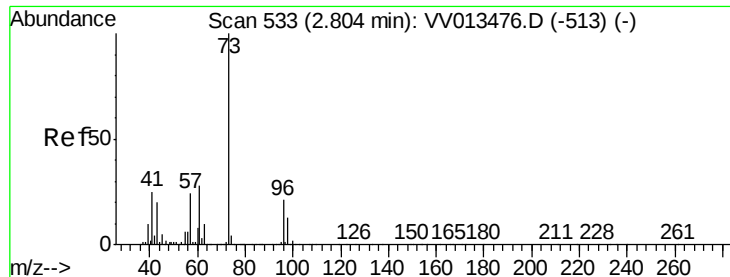
Tgt Ion: 76 Resp: 5135

Ion Ratio Lower Upper

76 100

78 14.6 7.4 11.0#

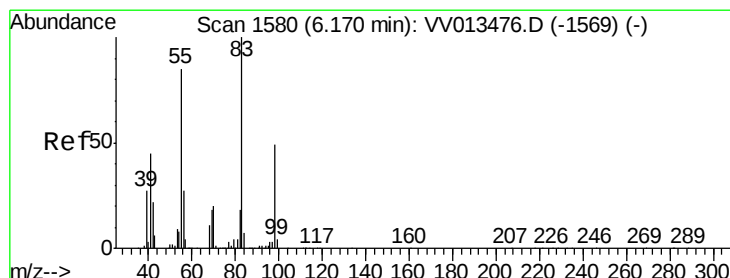
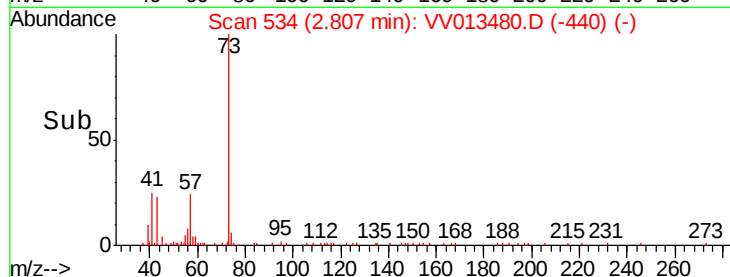
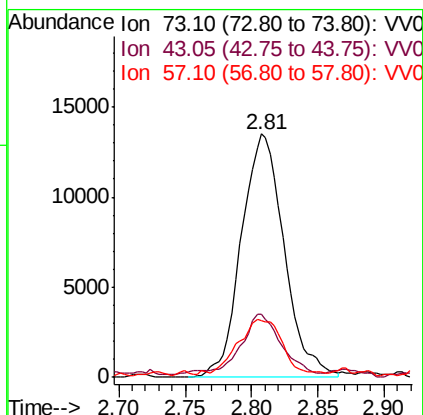
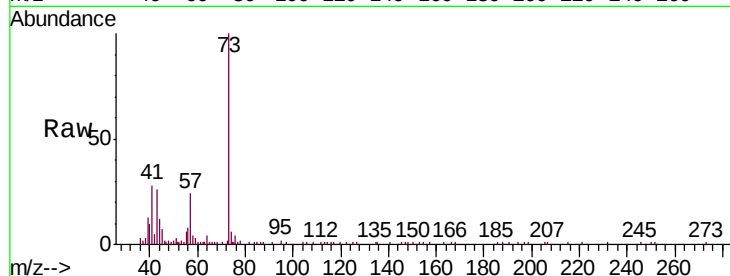




#17
Methyl tert-butyl Ether
Concen: 0.443 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV013480.D
Acq: 04 Nov 2019 17:28

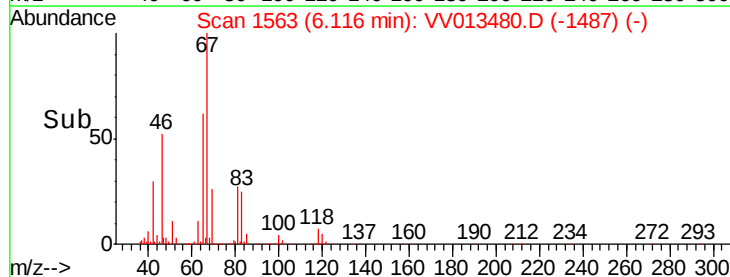
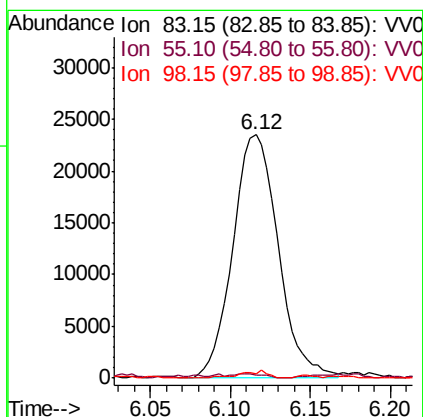
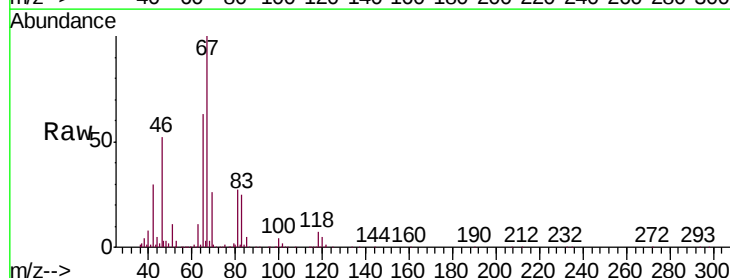
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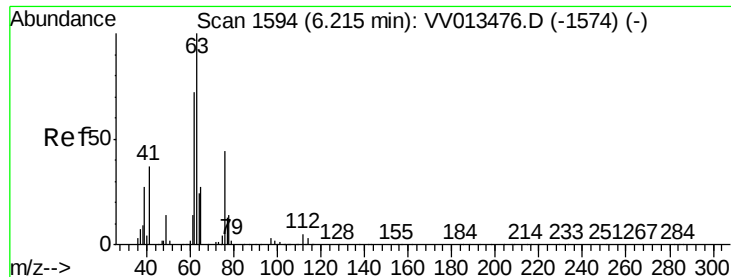
Tgt Ion: 73 Resp: 30386
Ion Ratio Lower Upper
73 100
43 23.4 15.9 23.9
57 24.1 18.5 27.7



#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013480.D
Acq: 04 Nov 2019 17:28

Tgt Ion: 83 Resp: 45585
Ion Ratio Lower Upper
83 100
55 1.3 64.6 96.8#
98 1.7 39.1 58.7#





#37

1,2-Dichloropropane

Concen: 0.683 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013480.D

Acq: 04 Nov 2019 17:28

Instrument :

MSVOA_V

ClientSampleId :

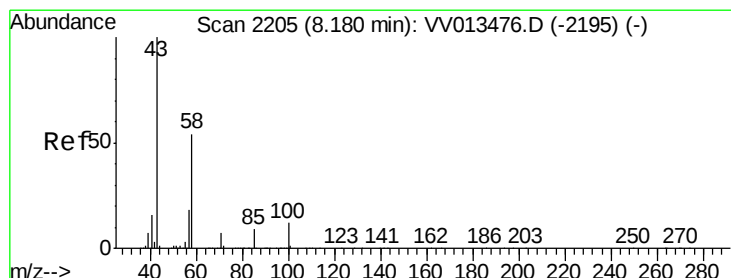
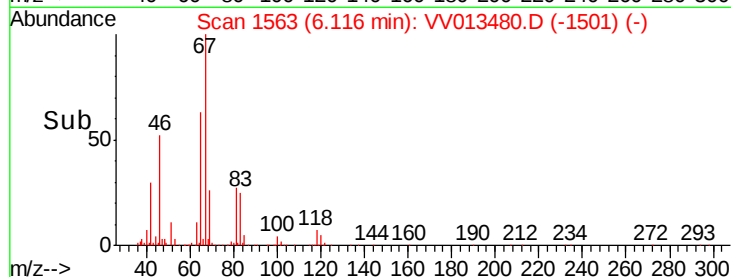
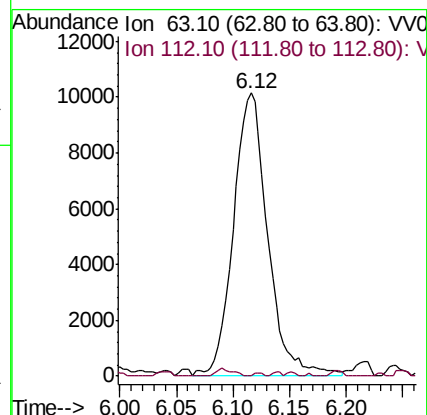
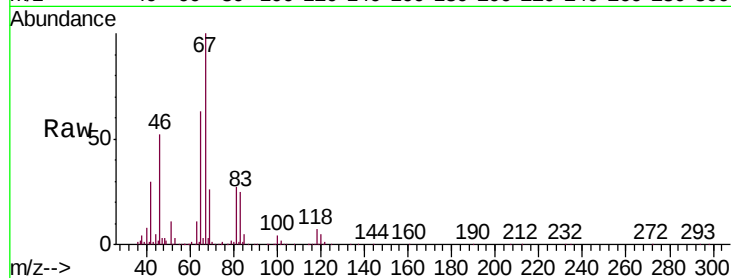
A5452

Tgt Ion: 63 Resp: 21457

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#48

2-Hexanone

Concen: 0.718 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013480.D

Acq: 04 Nov 2019 17:28

Tgt Ion: 43 Resp: 10413

Ion Ratio Lower Upper

43 100

58 0.0 42.2 63.4#

57 0.0 14.9 22.3#

100 7.3 9.0 13.6#

