

Data File : VV013481.D
Acq On : 04 Nov 2019 17:52
Operator : SY/MD
Sample : K5656-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5454

Quant Time: Nov 05 07:20:45 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	321354	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	358891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	183209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123892	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.58	69	106268	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	173162	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	3.93	46	380749	51.89	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	4.40	84	304980	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.08	65	159158	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.10	84	591946	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.11	67	192653	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	502245	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.66	79	65795	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.13	63	236552	43.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	134342	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	200303	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

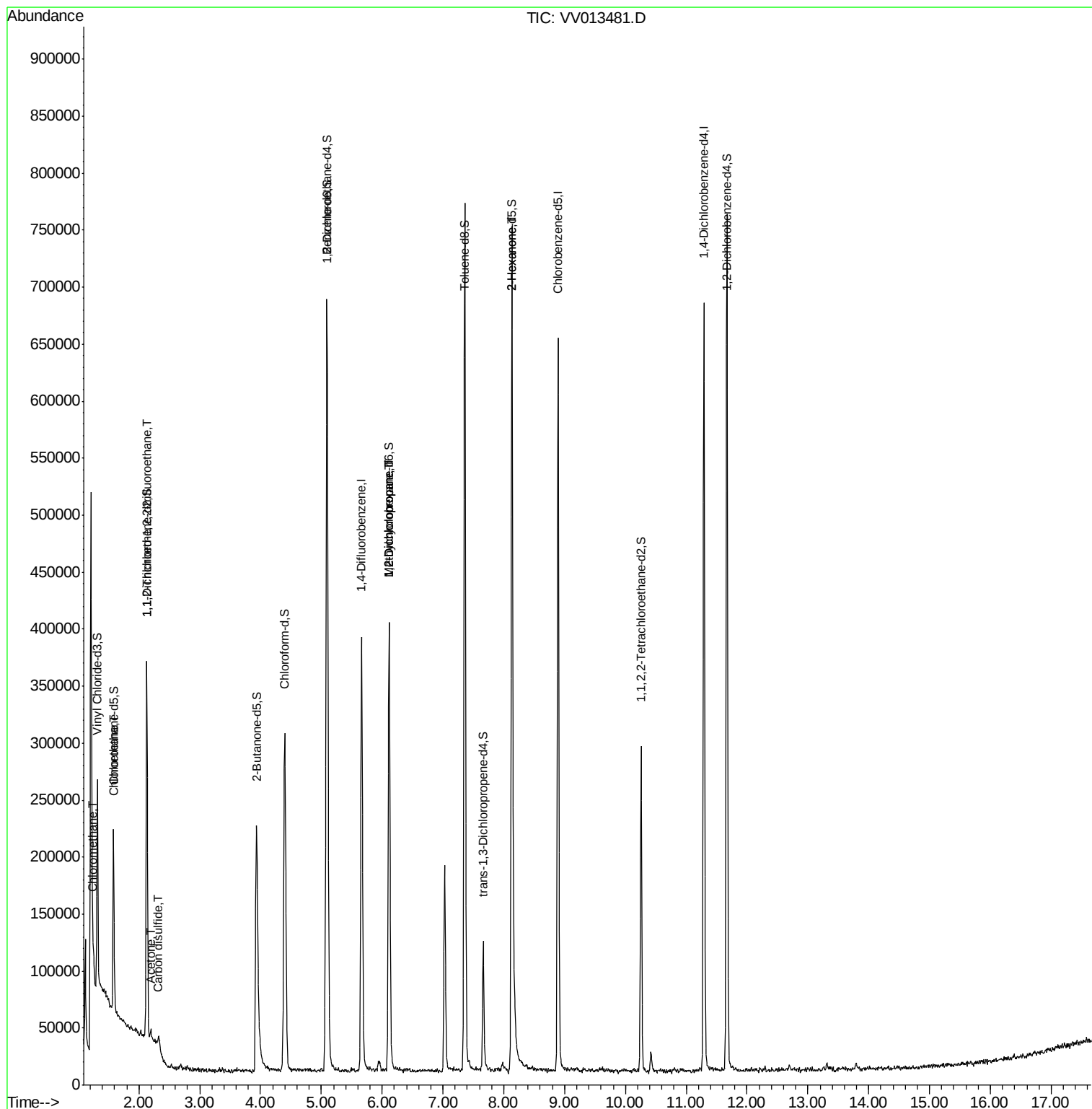
					Qvalue
3) Chloromethane	1.25	50	12317	0.389 ug/L	92
8) Chloroethane	1.60	64	12397	0.707 ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1898	0.078 ug/L #	20
13) Acetone	2.19	43	9613	2.892 ug/L	82
14) Carbon disulfide	2.32	76	3086	0.044 ug/L #	71
35) Methylcyclohexane	6.12	83	45139	0.840 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	20689	0.647 ug/L #	87
48) 2-Hexanone	8.13	43	34269	2.324 ug/L #	88

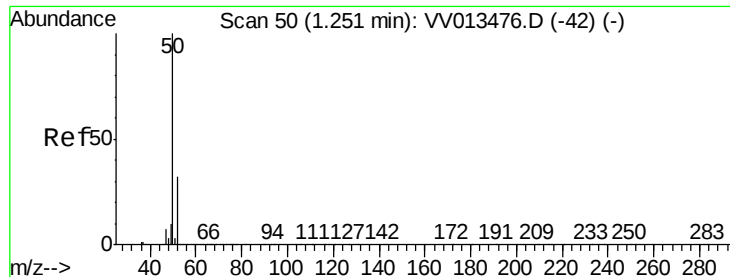
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 05 07:17:32 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.389 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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Acq: 04 Nov 2019 17:52

Instrument :

MSVOA_V

ClientSampleId :

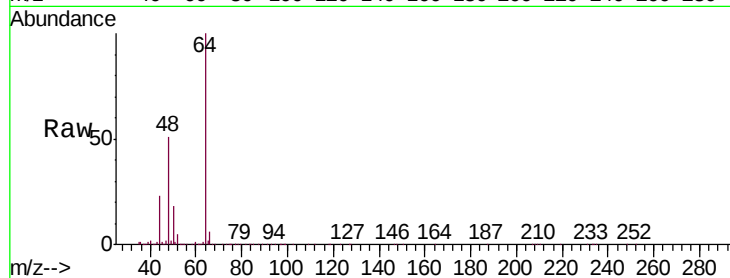
A5454

Tgt Ion: 50 Resp: 12317

Ion Ratio Lower Upper

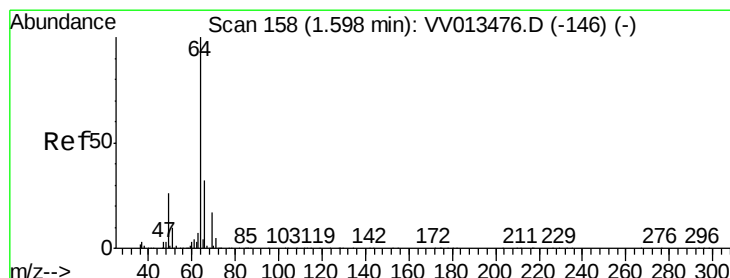
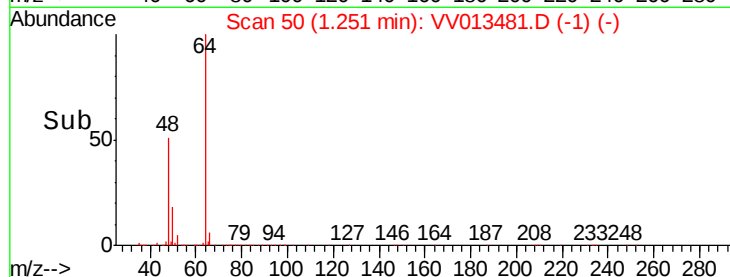
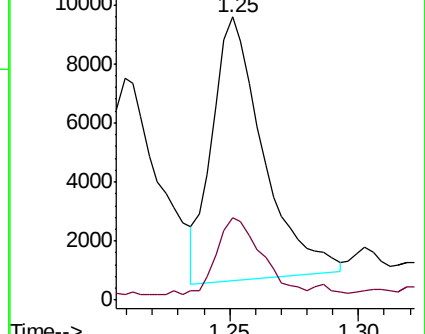
50 100

52 29.2 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.707 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV013481.D

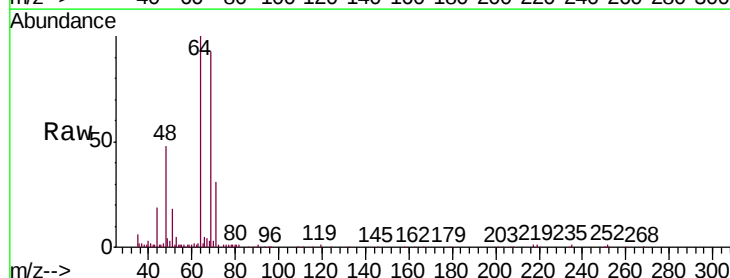
Acq: 04 Nov 2019 17:52

Tgt Ion: 64 Resp: 12397

Ion Ratio Lower Upper

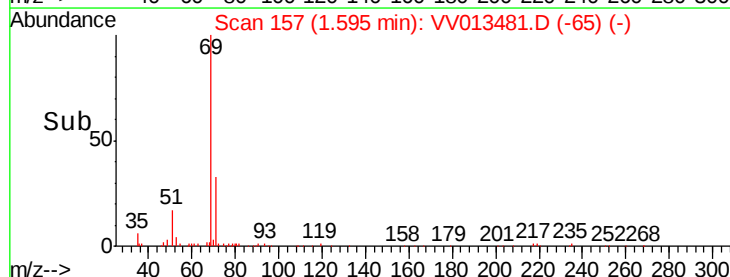
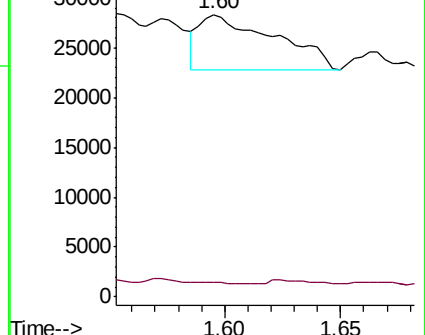
64 100

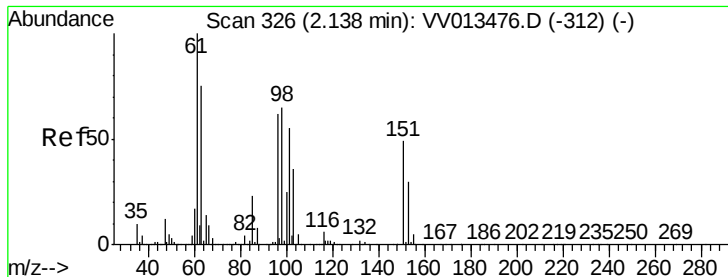
66 5.3 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.078 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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Acq: 04 Nov 2019 17:52

Instrument :

MSVOA_V

ClientSampleId :

A5454

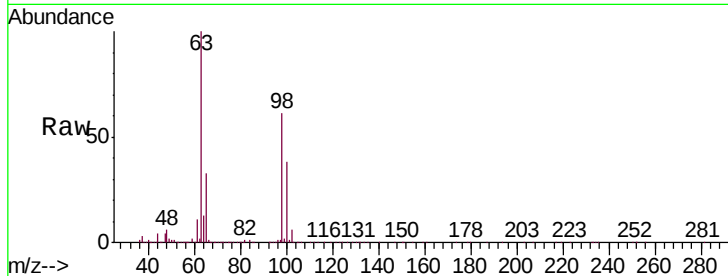
Tgt Ion: 101 Resp: 1898

Ion Ratio Lower Upper

101 100

85 8.7 33.1 49.7#

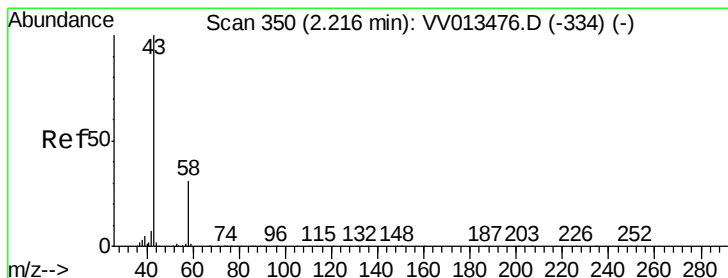
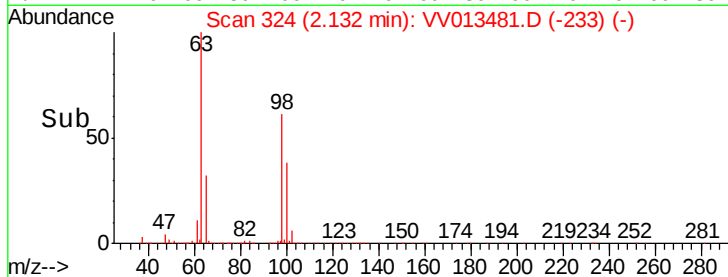
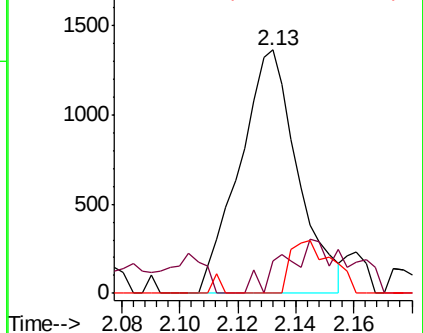
151 0.0 68.8 103.2#



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: 2.892 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV013481.D

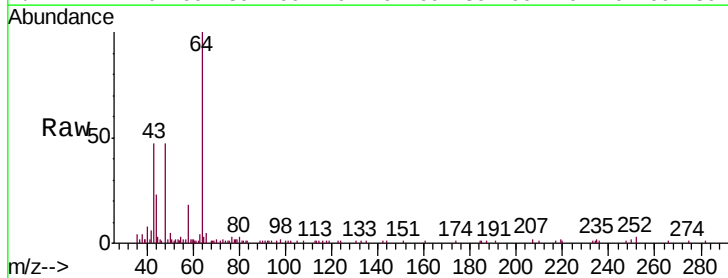
Acq: 04 Nov 2019 17:52

Tgt Ion: 43 Resp: 9613

Ion Ratio Lower Upper

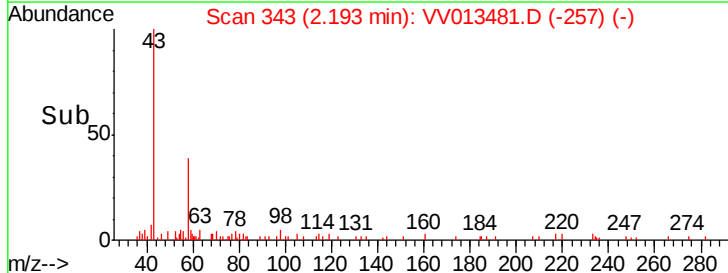
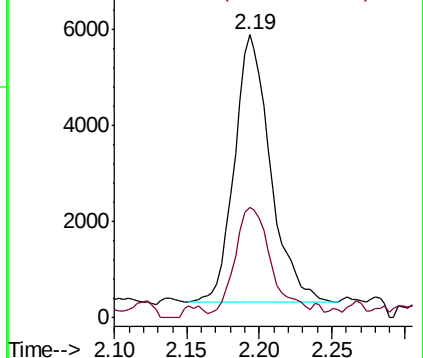
43 100

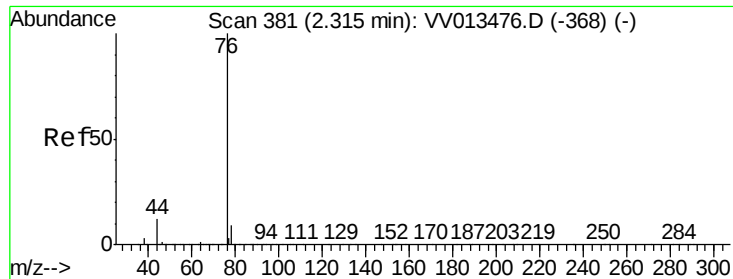
58 38.4 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV013481.D

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Instrument :

MSVOA_V

ClientSampleId :

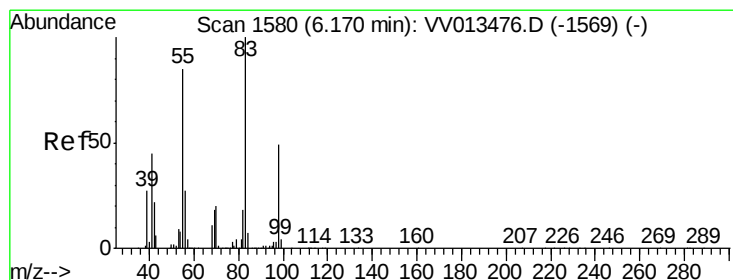
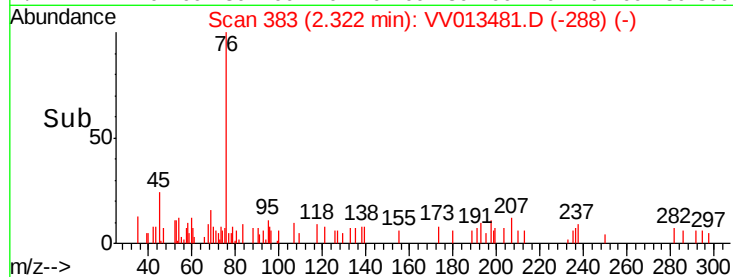
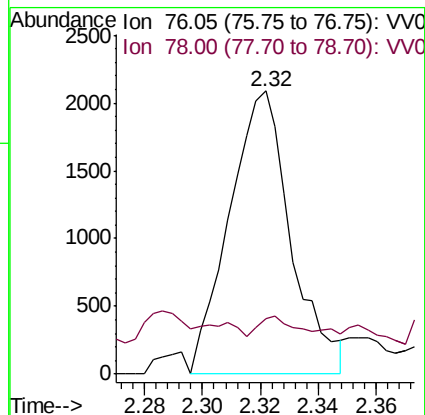
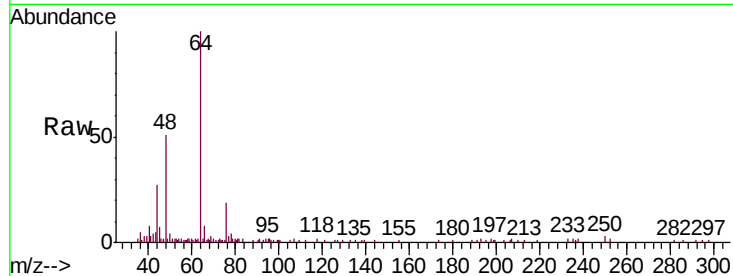
A5454

Tgt Ion: 76 Resp: 3086

Ion Ratio Lower Upper

76 100

78 19.7 7.4 11.0#



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013481.D

Acq: 04 Nov 2019 17:52

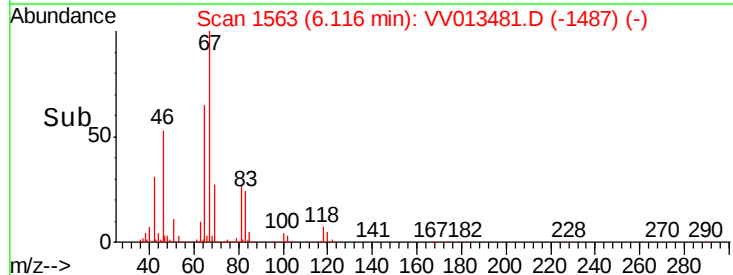
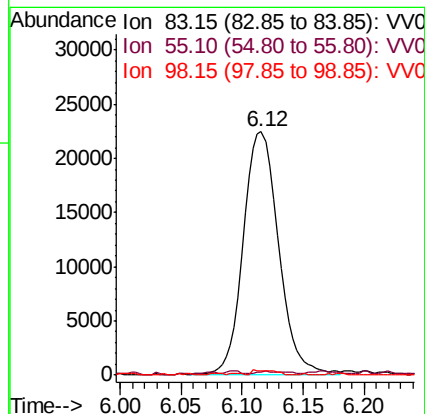
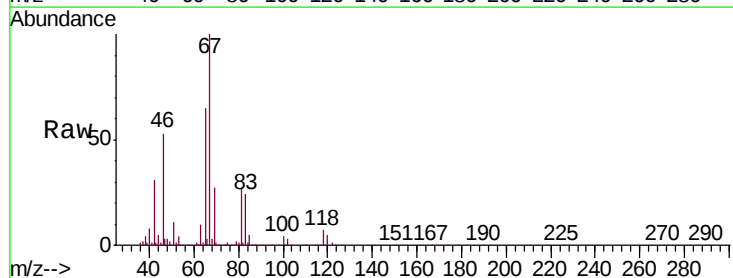
Tgt Ion: 83 Resp: 45139

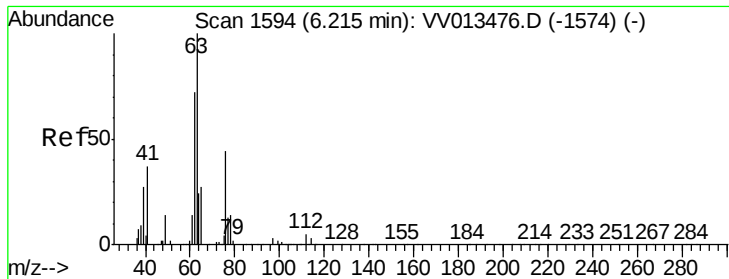
Ion Ratio Lower Upper

83 100

55 0.2 64.6 96.8#

98 1.3 39.1 58.7#

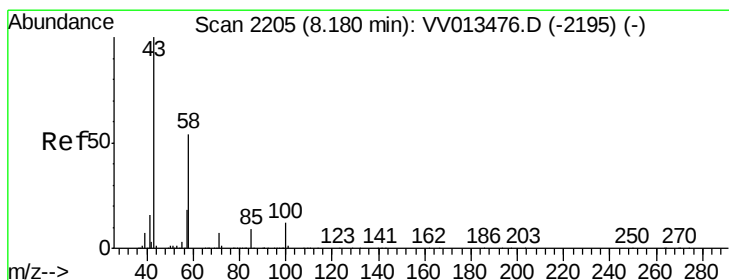
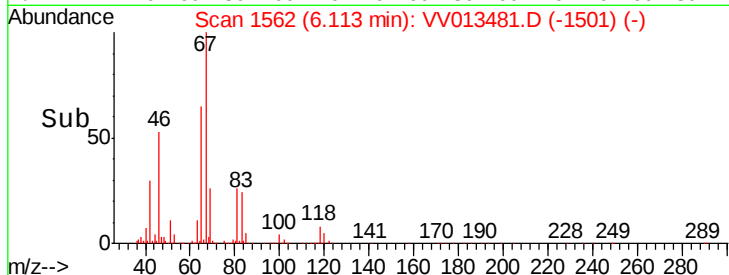
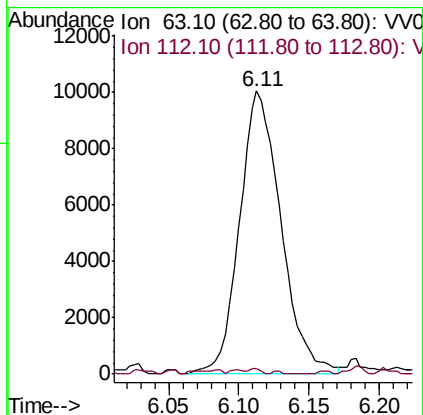
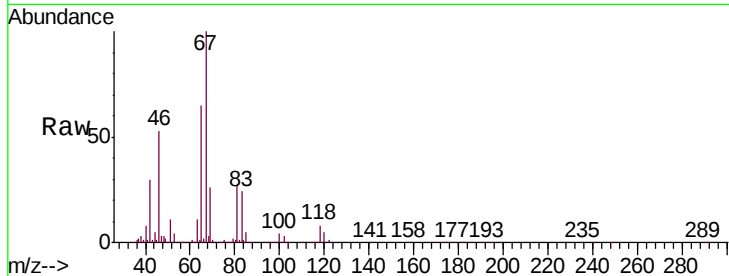




#37
 1,2-Dichloropropane
 Concen: 0.647 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013481.D
 Acq: 04 Nov 2019 17:52

Instrument :
 MSVOA_V
 ClientSampleId :
 A5454

Tgt Ion: 63 Resp: 20689
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.8 5.8#



#48
 2-Hexanone
 Concen: 2.324 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV013481.D
 Acq: 04 Nov 2019 17:52

Tgt Ion: 43 Resp: 34269
 Ion Ratio Lower Upper
 43 100
 58 48.3 42.2 63.4
 57 29.4 14.9 22.3#
 100 5.3 9.0 13.6#

