

Data File : VV013717.D
Acq On : 21 Nov 2019 16:42
Operator : SY/MD
Sample : K5941-10 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC2

Quant Time: Nov 22 04:00:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355784	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	355043	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117612	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.58	69	107945	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.12	63	173441	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	3.96	46	343695	67.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.24%#
24) Chloroform-d	4.40	84	258643	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.08	65	134823	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.09	84	540576	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.11	67	161971	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.36	98	471878	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.66	79	56524	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.14	63	242114	56.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	116370	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	192980	6.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.80%#

Target Compounds

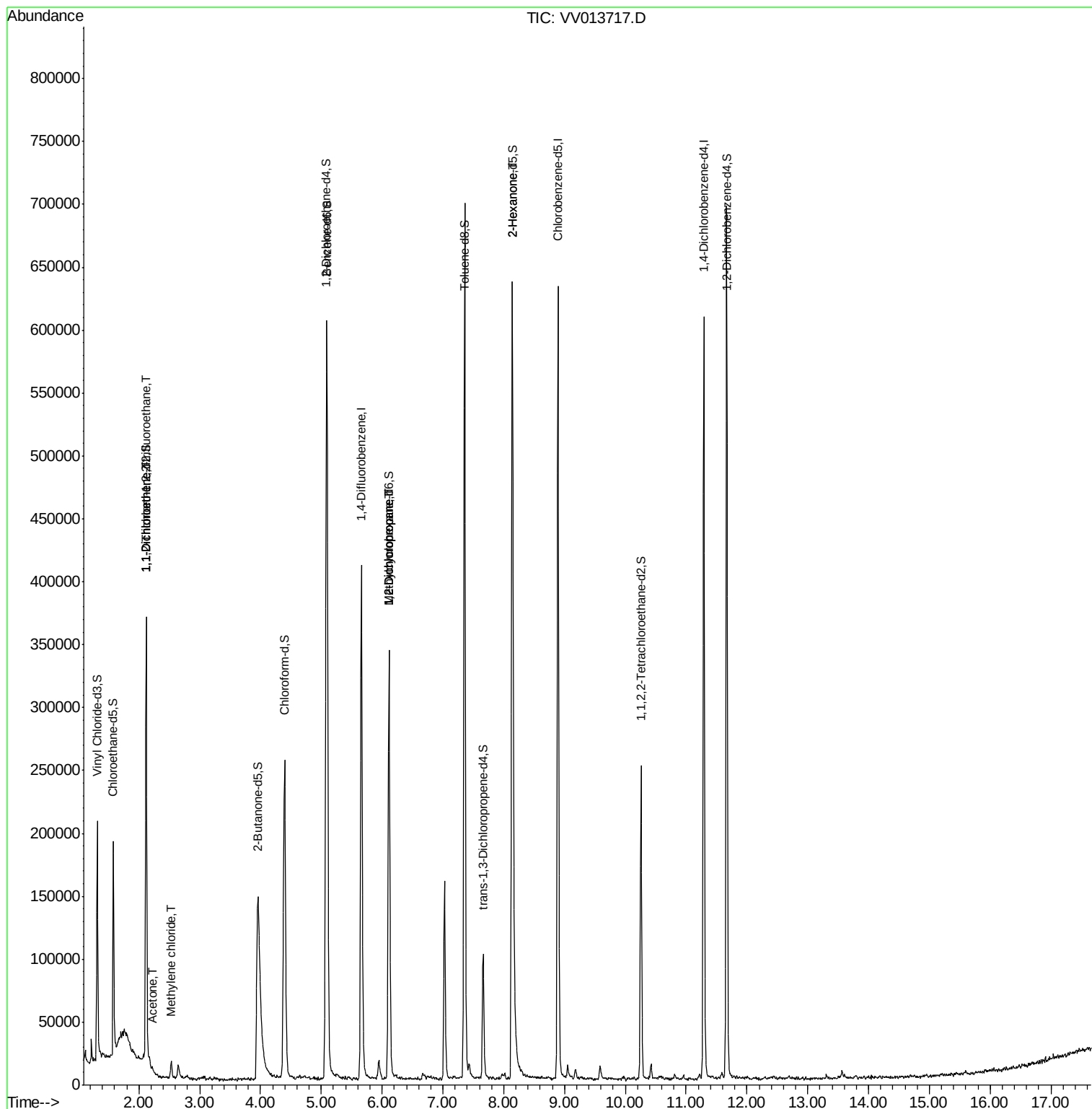
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2525	0.115 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1837	0.086 ug/L #	1
13) Acetone	2.23	43	4102	1.279 ug/L	89
16) Methylene chloride	2.53	84	5365	0.182 ug/L	98
35) Methylcyclohexane	6.11	83	41872	0.954 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	16439	0.639 ug/L #	85
48) 2-Hexanone	8.14	43	30250	2.849 ug/L #	82

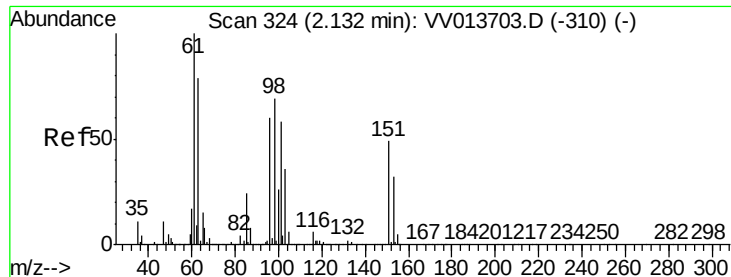
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.115 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Acq: 21 Nov 2019 16:42

Instrument :

MSVOA_V

ClientSampleId :

B0AC2

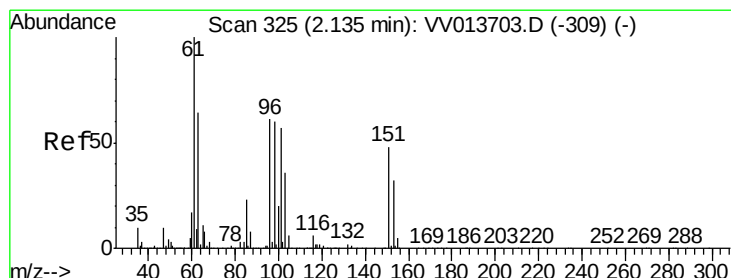
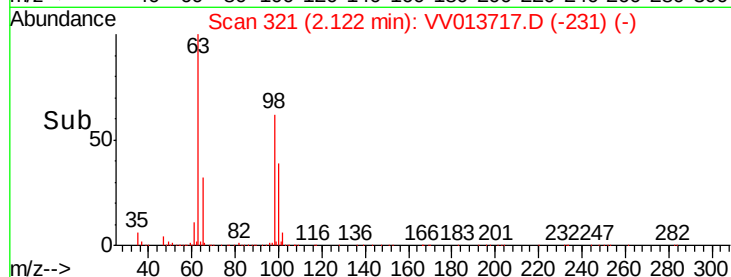
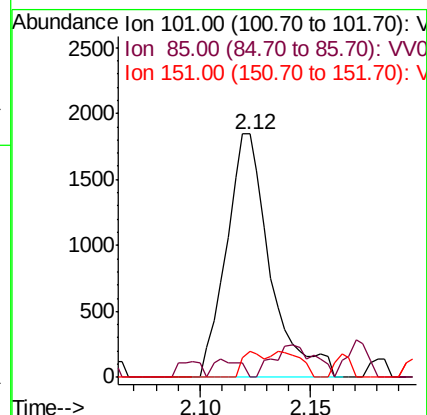
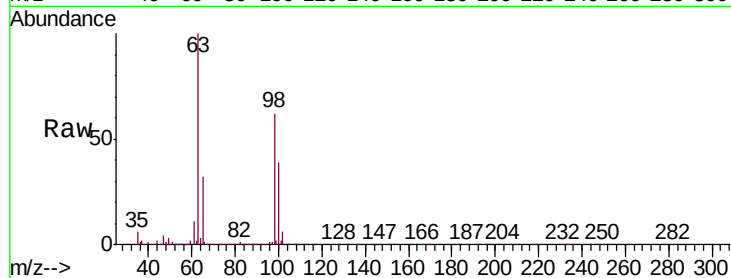
Tgt Ion: 101 Resp: 2525

Ion Ratio Lower Upper

101 100

85 4.4 32.0 48.0#

151 5.0 69.0 103.6#



#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013717.D

Acq: 21 Nov 2019 16:42

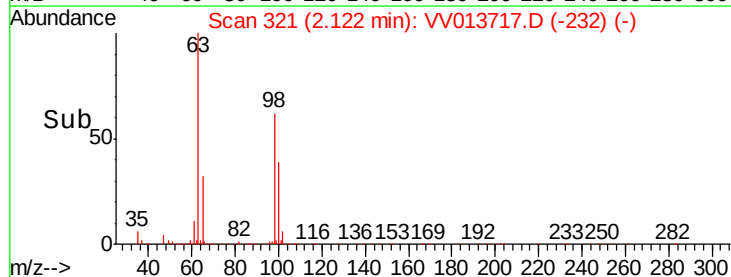
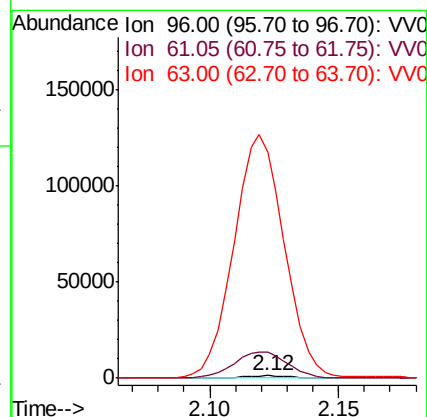
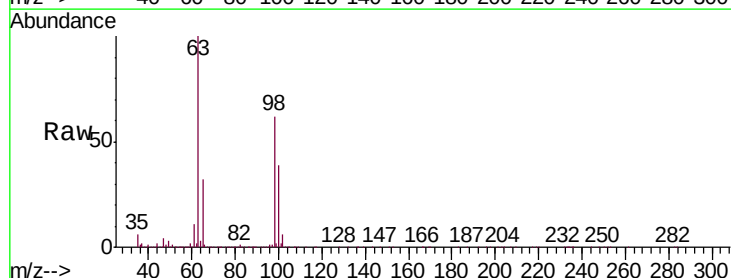
Tgt Ion: 96 Resp: 1837

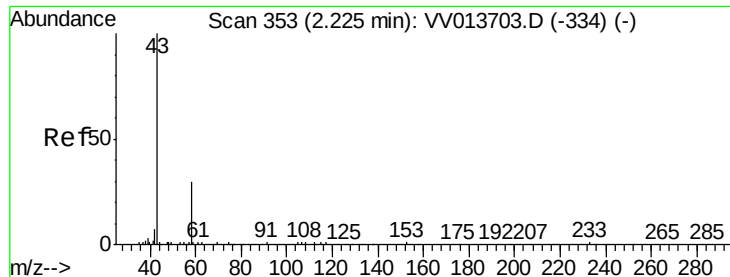
Ion Ratio Lower Upper

96 100

61 1061.4 112.5 208.9#

63 9292.2 76.9 142.7#





#13

Acetone

Concen: 1.279 ug/L

RT: 2.23 min Scan# 355

Delta R.T. 0.01 min

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Acq: 21 Nov 2019 16:42

Instrument :

MSVOA_V

ClientSampleId :

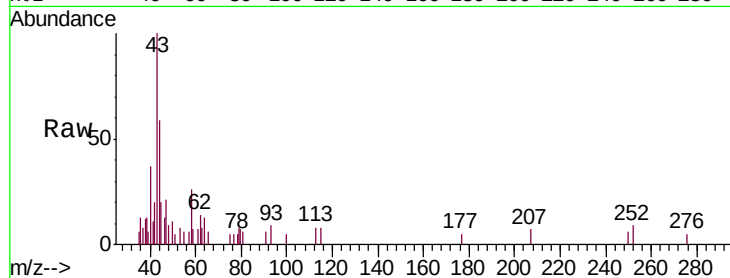
B0AC2

Tgt Ion: 43 Resp: 4102

Ion Ratio Lower Upper

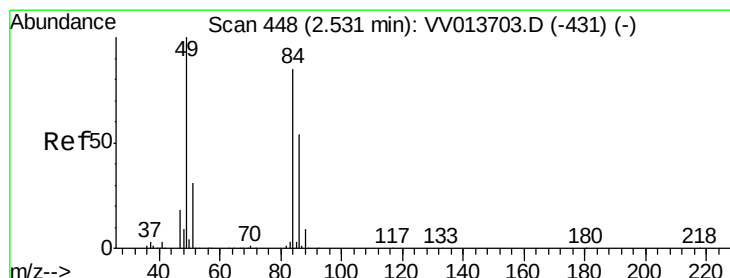
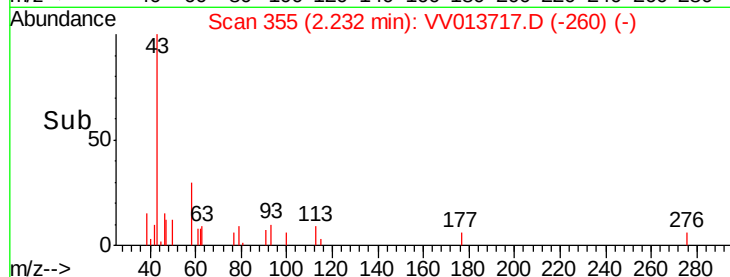
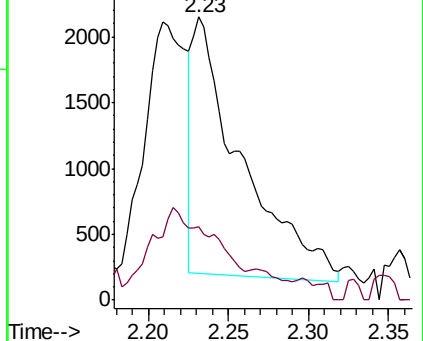
43 100

58 4.4 0.0 17.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.182 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV013717.D

Acq: 21 Nov 2019 16:42

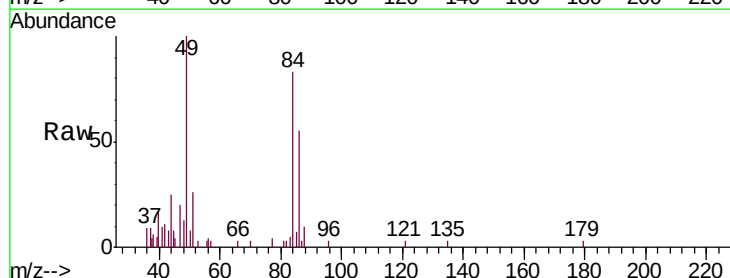
Tgt Ion: 84 Resp: 5365

Ion Ratio Lower Upper

84 100

86 66.4 44.1 81.9

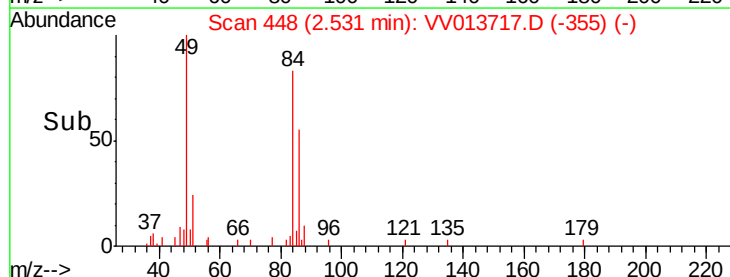
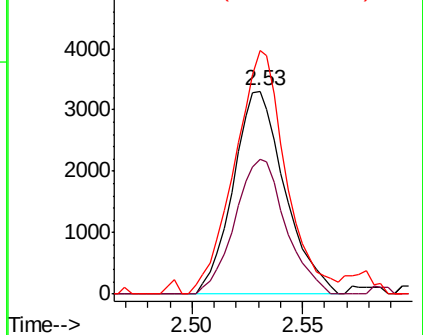
49 120.0 83.4 155.0

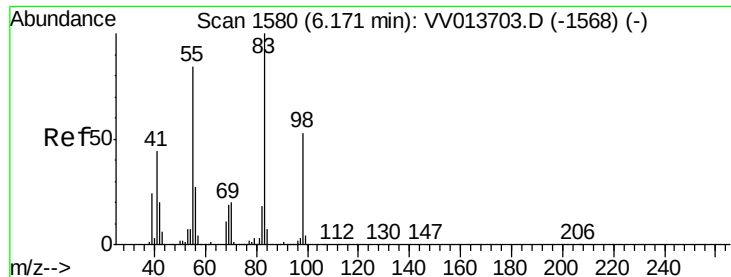


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#35

Methylcyclohexane

Concen: 0.954 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013717.D

Acq: 21 Nov 2019 16:42

Instrument :

MSVOA_V

ClientSampled :

B0AC2

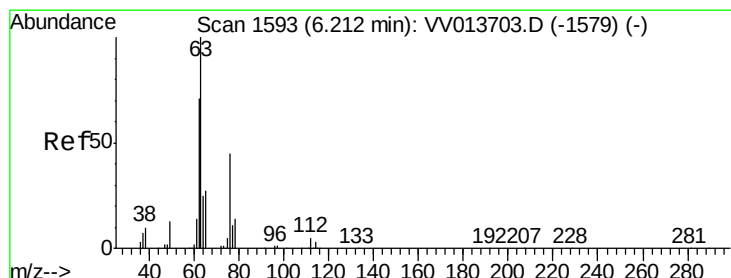
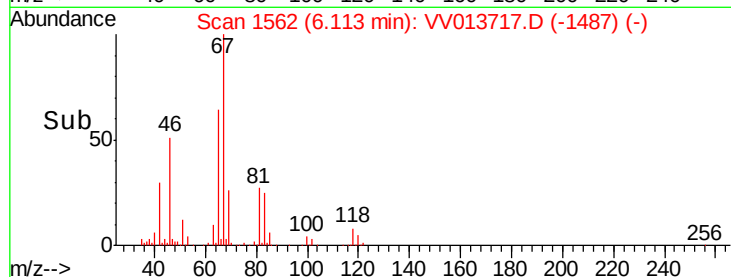
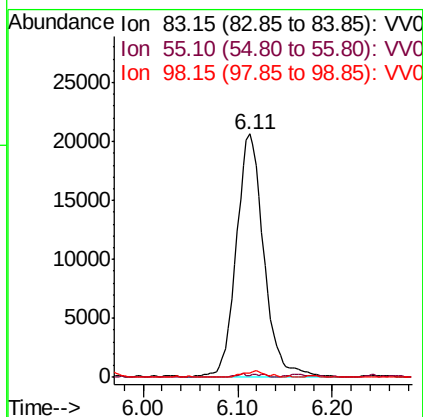
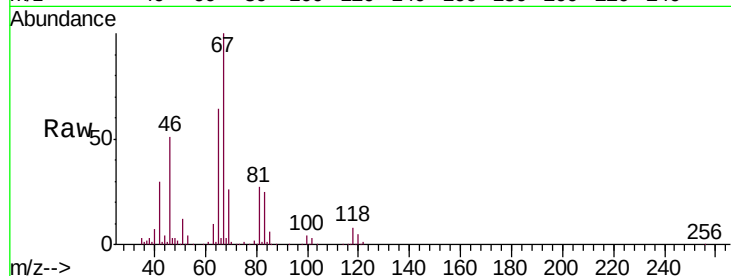
Tgt Ion: 83 Resp: 41872

Ion Ratio Lower Upper

83 100

55 0.1 64.1 96.1#

98 2.1 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.10 min

Lab File: VV013717.D

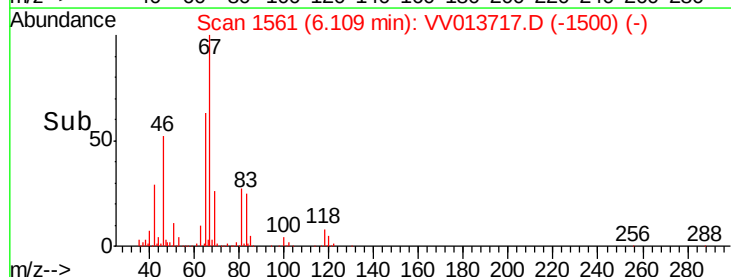
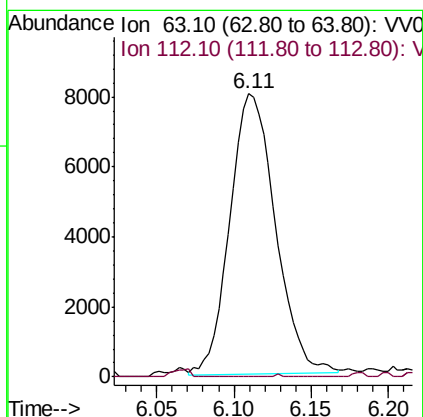
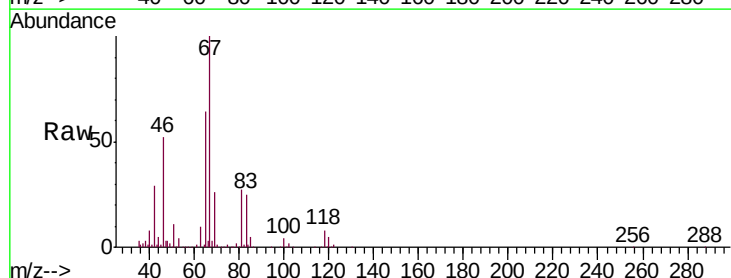
Acq: 21 Nov 2019 16:42

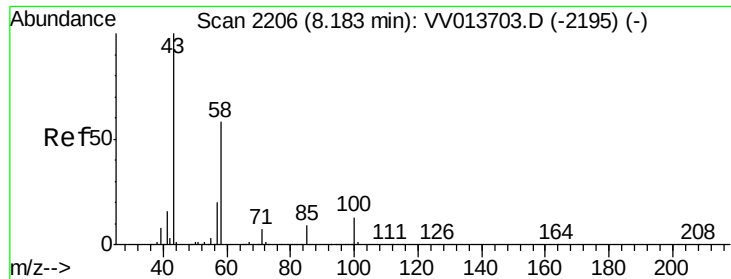
Tgt Ion: 63 Resp: 16439

Ion Ratio Lower Upper

63 100

112 0.1 4.1 6.1#





#48
 2-Hexanone
 Concen: 2.849 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV013717.D
 Acq: 21 Nov 2019 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC2

Tgt Ion:	43	Resp:	30250
Ion	Ratio	Lower	Upper
43	100		
58	45.8	43.0	64.6
57	35.7	15.4	23.2#
100	3.8	10.1	15.1#

