

Data File : VV013721.D
Acq On : 21 Nov 2019 18:42
Operator : SY/MD
Sample : K5941-15 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC9

Quant Time: Nov 22 04:00:59 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	343514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	347007	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	156476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120449	5.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.40%
7) Chloroethane-d5	1.58	69	112110	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.13	63	168688	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	3.92	46	308313	62.83	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.66%
24) Chloroform-d	4.40	84	253585	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.08	65	126336	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.10	84	511320	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.11	67	157940	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.36	98	445415	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.66	79	54458	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.13	63	217167	52.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108121	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	180347	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

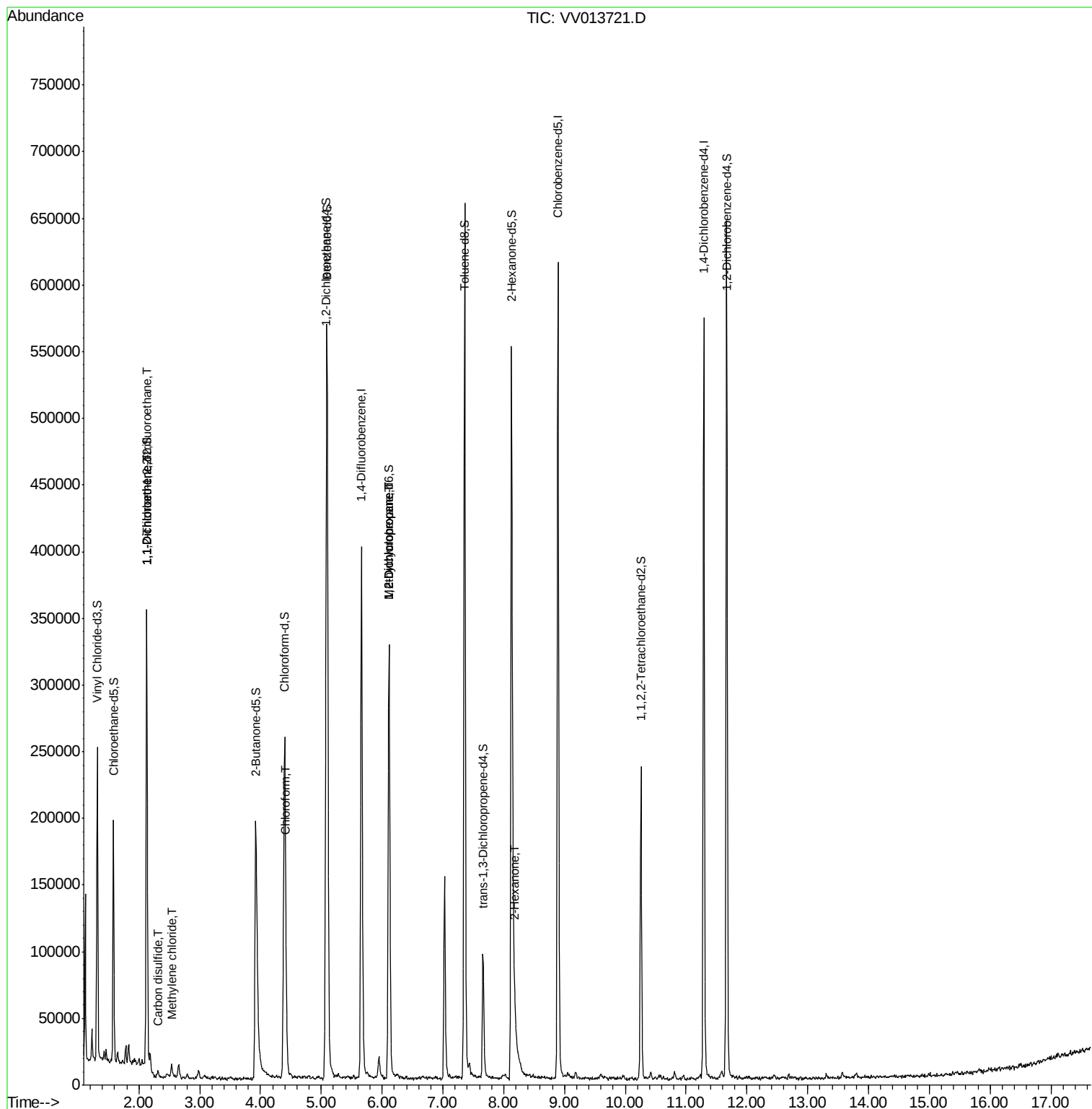
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2064	0.098 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1948	0.095 ug/L #	1
14) Carbon disulfide	2.32	76	2845	0.040 ug/L #	95
16) Methylene chloride	2.54	84	4046	0.142 ug/L	83
25) Chloroform	4.42	83	15333	0.251 ug/L	88
35) Methylcyclohexane	6.11	83	37268	0.869 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	17577	0.699 ug/L #	86
48) 2-Hexanone	8.18	43	14413	1.389 ug/L #	95

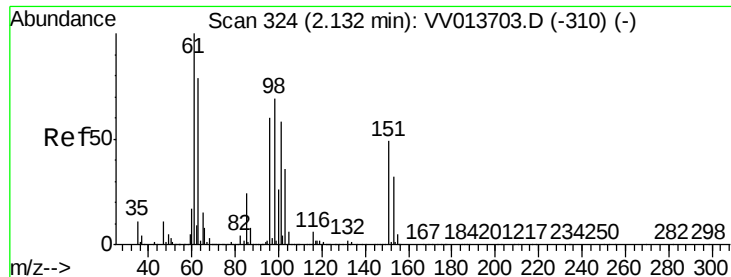
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration





#10

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

Concen: 0.098 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013721.D

Acq: 21 Nov 2019 18:42

Instrument :

MSVOA_V

ClientSampleId :

B0AC9

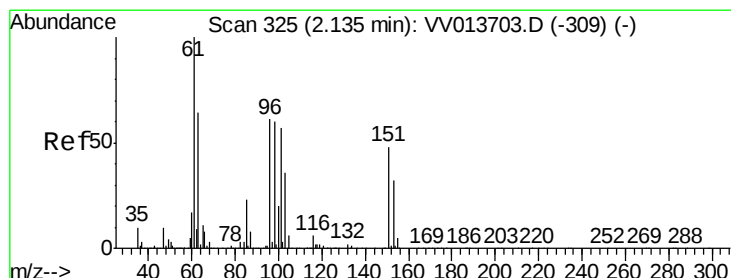
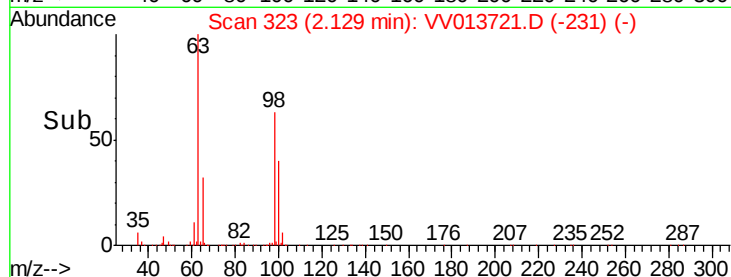
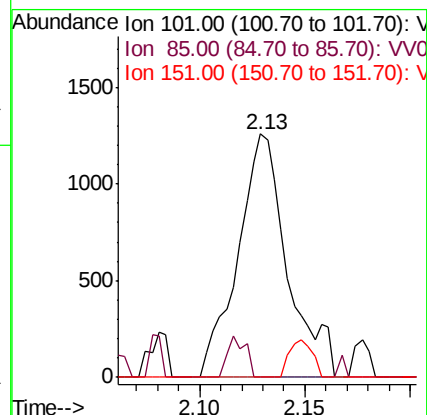
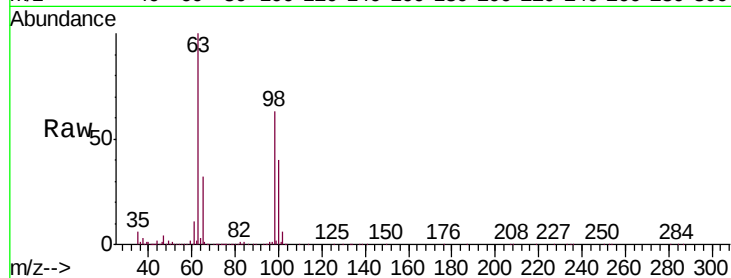
Tgt Ion: 101 Resp: 2064

Ion Ratio Lower Upper

101 100

85 6.2 32.0 48.0#

151 0.0 69.0 103.6#



#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013721.D

Acq: 21 Nov 2019 18:42

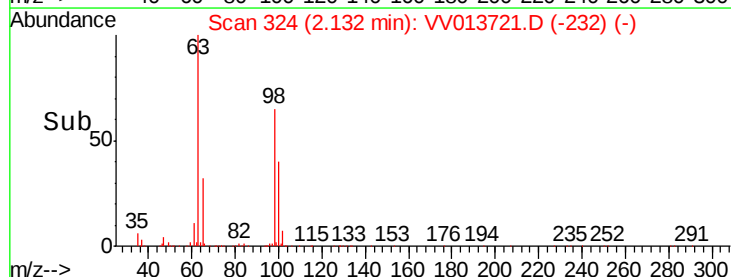
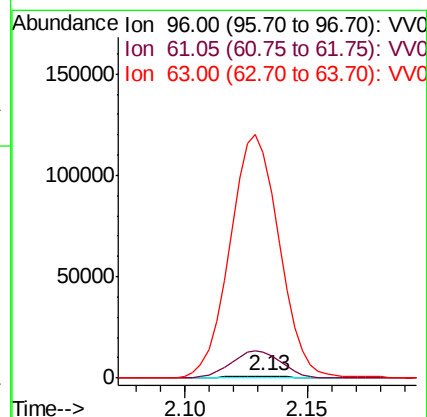
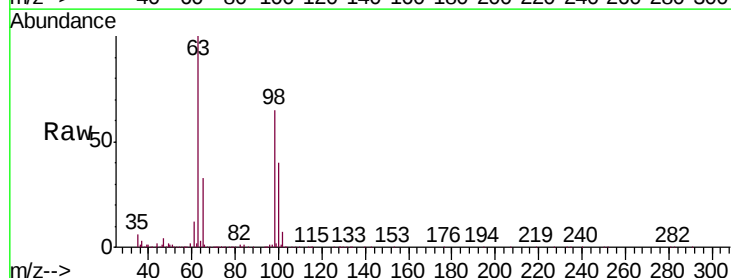
Tgt Ion: 96 Resp: 1948

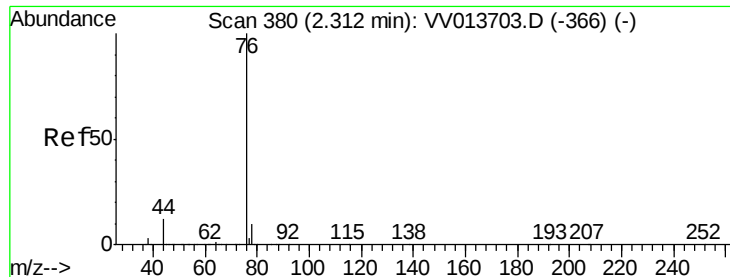
Ion Ratio Lower Upper

96 100

61 1125.5 112.5 208.9#

63 9662.6 76.9 142.7#





#14

Carbon disulfide

Concen: 0.040 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013721.D

Acq: 21 Nov 2019 18:42

Instrument :

MSVOA_V

ClientSampled :

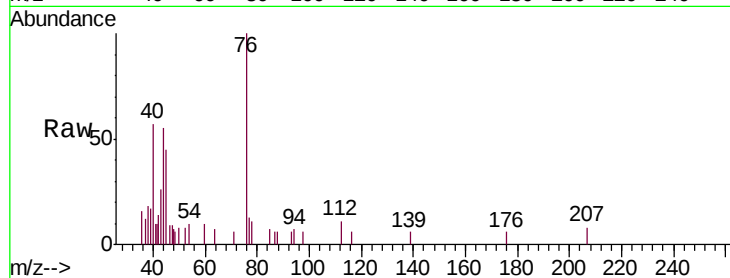
B0AC9

Tgt Ion: 76 Resp: 2845

Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2000

1500

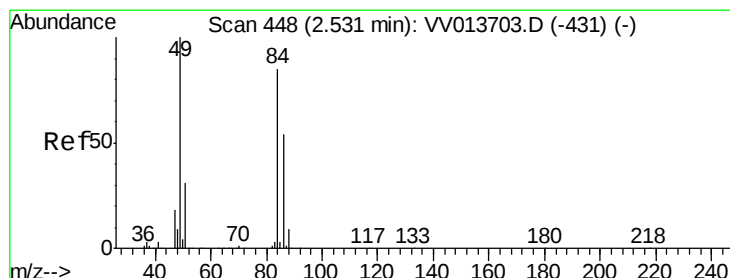
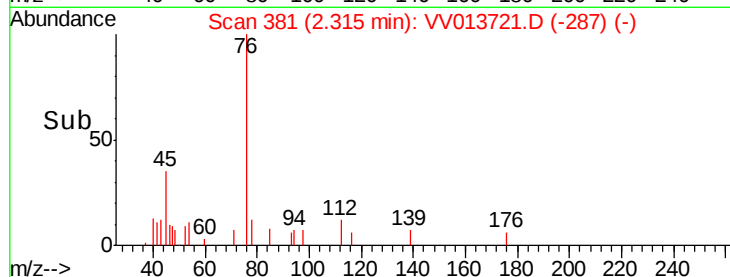
1000

500

0

2.30 2.35

Time-->



#16

Methylene chloride

Concen: 0.142 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV013721.D

Acq: 21 Nov 2019 18:42

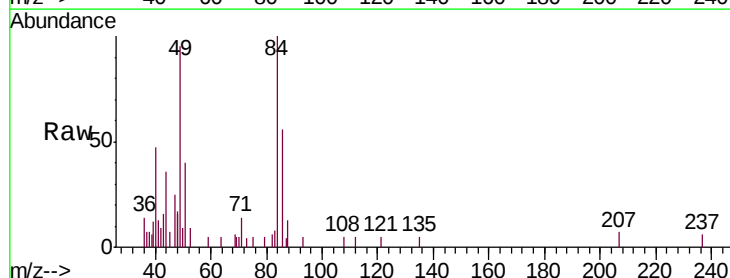
Tgt Ion: 84 Resp: 4046

Ion Ratio Lower Upper

84 100

86 56.3 44.1 81.9

49 95.4 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

3000

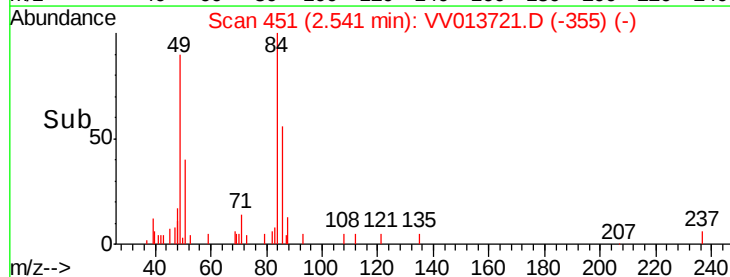
2000

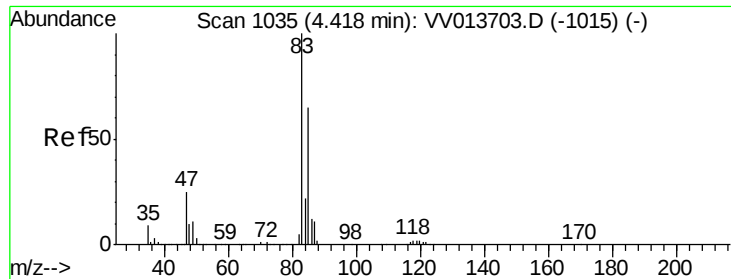
1000

0

2.50 2.55 2.60

Time-->

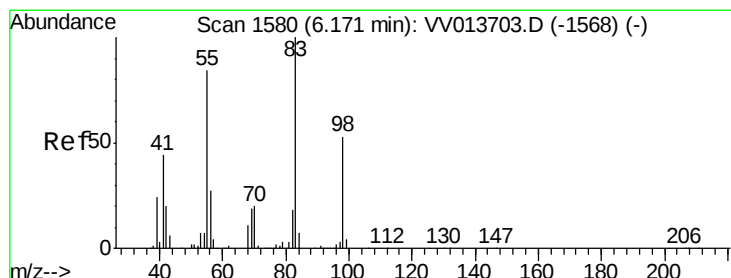
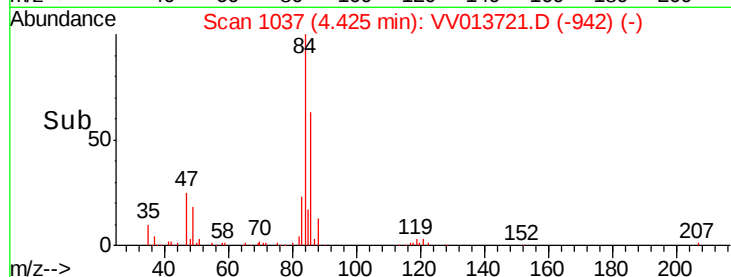
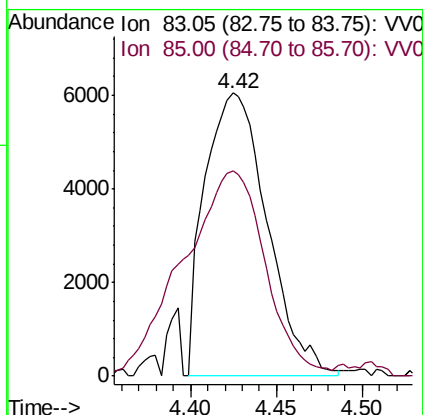
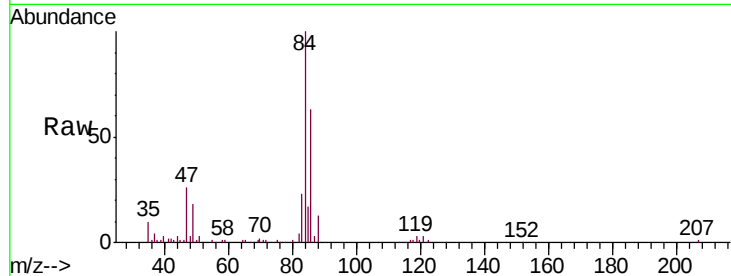




#25
Chloroform
Concen: 0.251 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013721.D
Acq: 21 Nov 2019 18:42

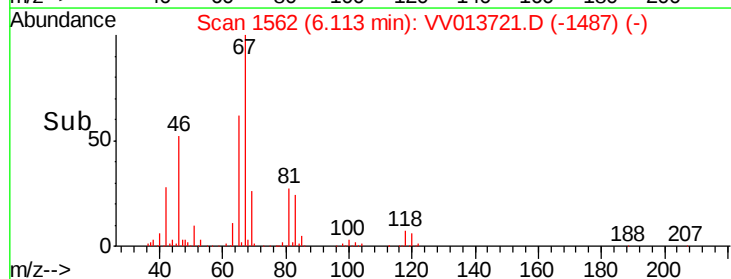
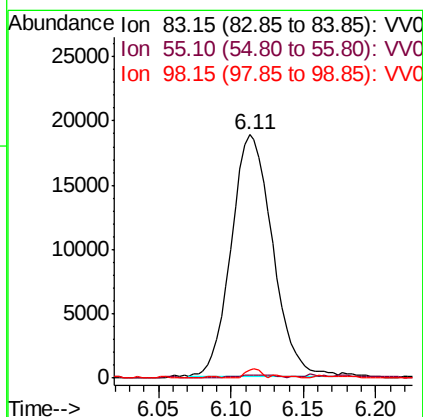
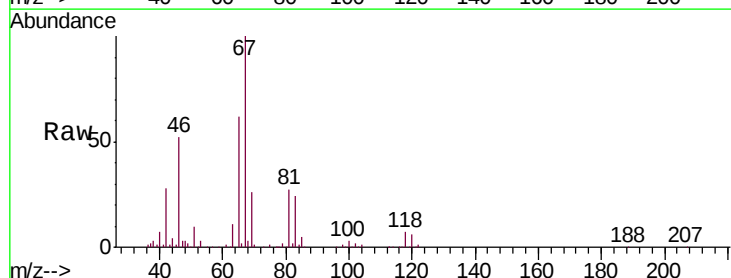
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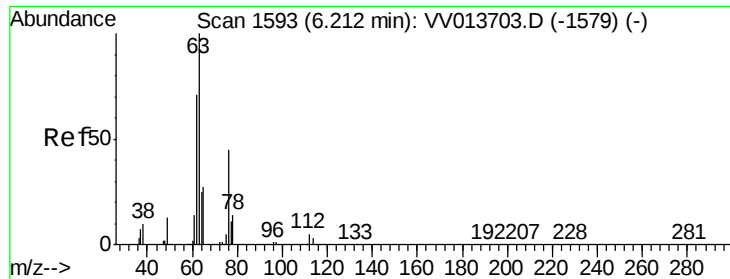
Tgt Ion: 83 Resp: 15333
Ion Ratio Lower Upper
83 100
85 72.7 44.4 82.5



#35
Methylcyclohexane
Concen: 0.869 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013721.D
Acq: 21 Nov 2019 18:42

Tgt Ion: 83 Resp: 37268
Ion Ratio Lower Upper
83 100
55 0.9 64.1 96.1#
98 1.3 38.2 57.2#

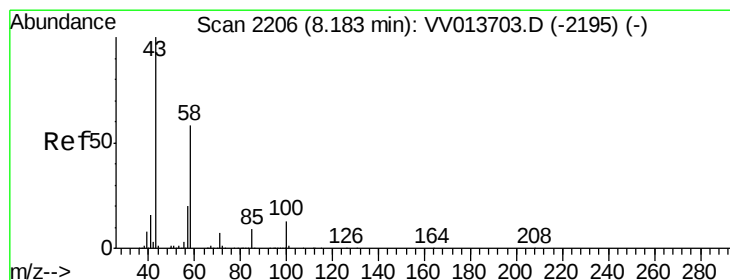
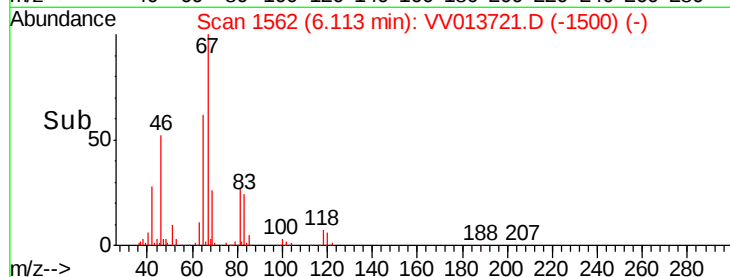
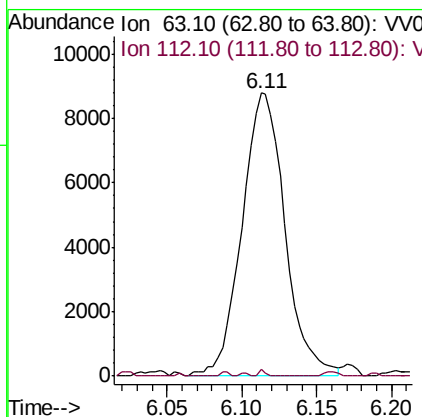
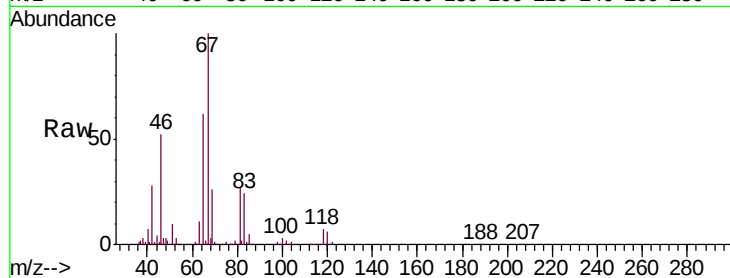




#37
 1,2-Dichloropropane
 Concen: 0.699 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013721.D
 Acq: 21 Nov 2019 18:42

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC9

Tgt Ion: 63 Resp: 17577
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.1 6.1#



#48
 2-Hexanone
 Concen: 1.389 ug/L
 RT: 8.18 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VV013721.D
 Acq: 21 Nov 2019 18:42

Tgt Ion: 43 Resp: 14413
 Ion Ratio Lower Upper
 43 100
 58 54.3 43.0 64.6
 57 20.4 15.4 23.2
 100 3.2 10.1 15.1#

