

Data File : VV013441.D
Acq On : 30 Oct 2019 19:03
Operator : SY/MD
Sample : IBLK
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00541

Quant Time: Oct 31 02:48:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	335563	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	366232	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	182907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133568	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	116832	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.13	63	177933	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.96	46	385824	53.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	4.40	84	300069	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	156230	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	601701	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	192054	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	506468	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.66	79	64662	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.14	63	233684	49.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131054	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	191111	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2026	0.075	ug/L #	20
16) Methylene chloride	2.53	84	4618	0.124	ug/L	80
25) Chloroform	4.43	83	13404	0.202	ug/L	96
27) 1,2-Dichloroethane	5.10	62	4295	0.117	ug/L	96
35) Methylcyclohexane	6.12	83	44916	0.802	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	21302	0.616	ug/L #	89
44) trans-1,3-Dichloropropene	7.66	75	3080	0.083	ug/L	87
48) 2-Hexanone	8.19	43	19966	1.449	ug/L #	86

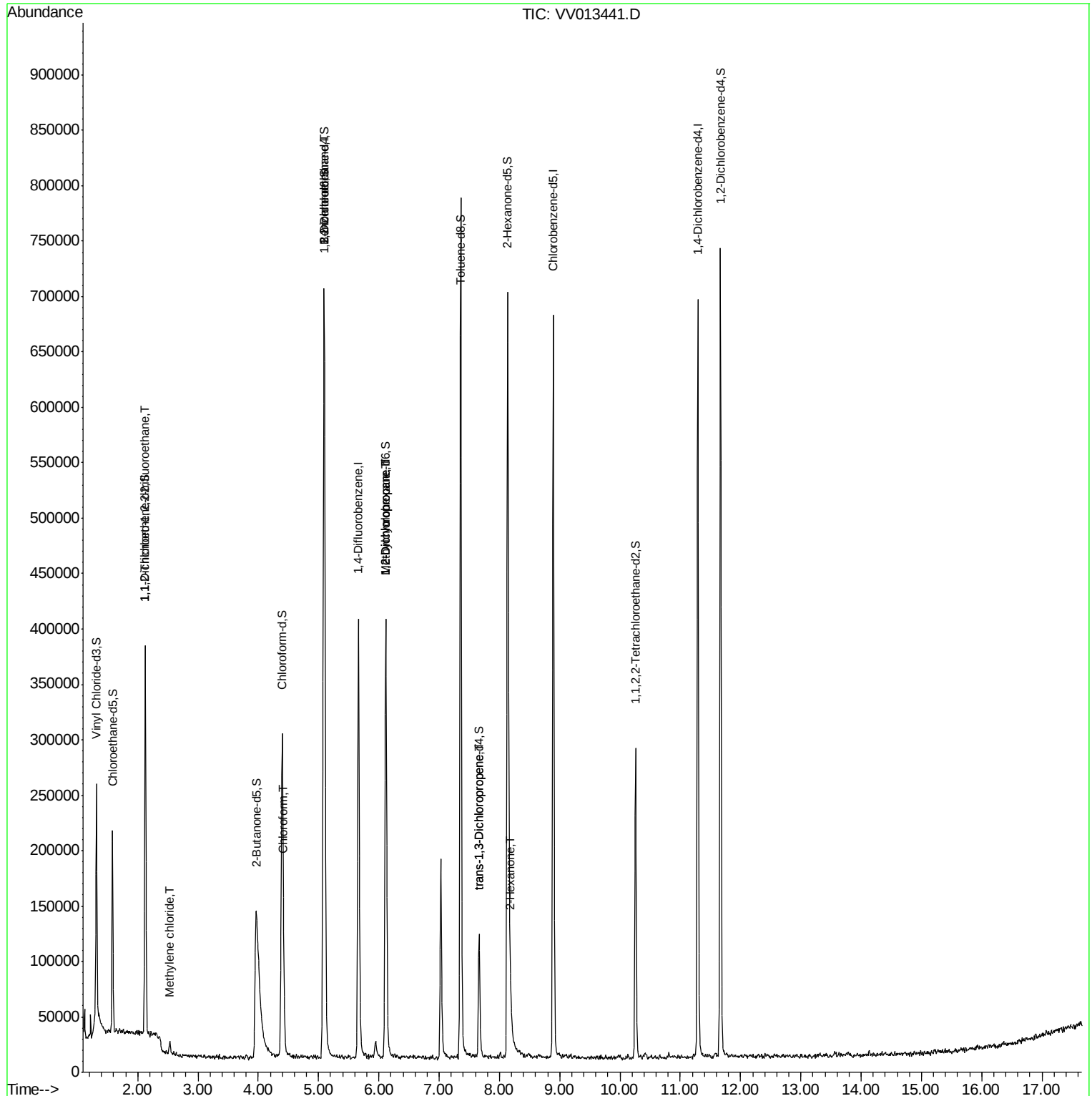
(#) = qualifier out of range (m) = manual integration (+) = signals summed

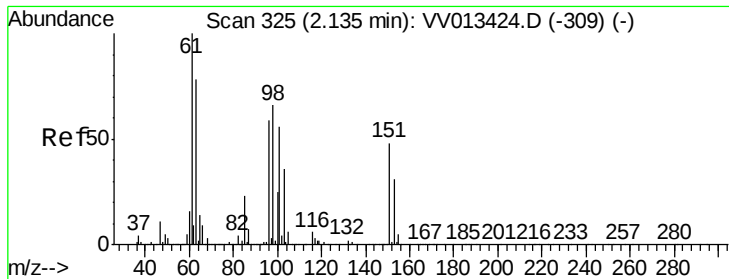
Data File : VV013441.D

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Response via : Initial Calibration





#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

Lab File: VV013441.D

Acq: 30 Oct 2019 19:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD00541

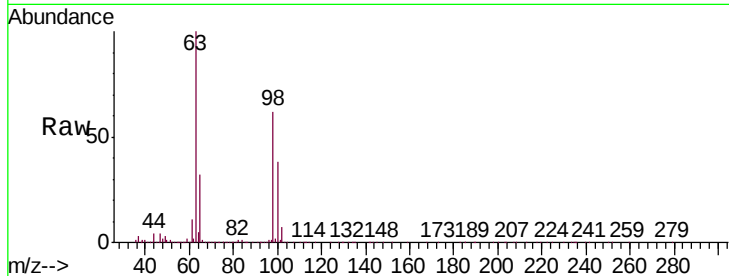
Tgt Ion: 101 Resp: 2026

Ion Ratio Lower Upper

101 100

85 8.5 33.0 49.4#

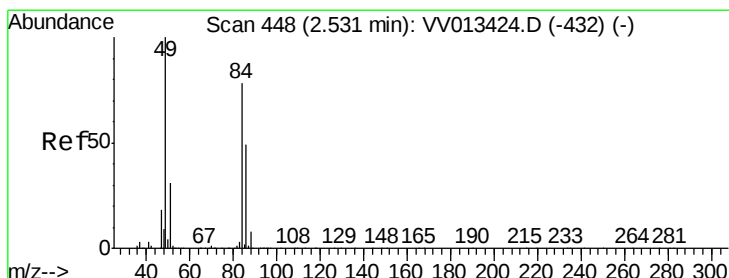
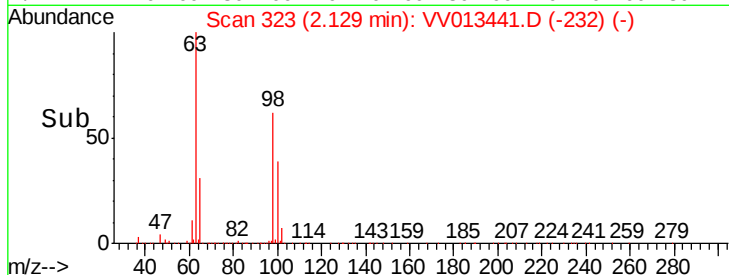
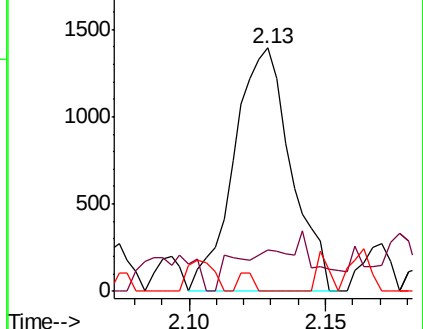
151 0.0 68.2 102.2#



Abundance Ion 101.00 (100.70 to 101.70): VV013441.D (-323) (-)

Ion 85.00 (84.70 to 85.70): VV013441.D (-323) (-)

Ion 151.00 (150.70 to 151.70): VV013441.D (-323) (-)



#16

Methylene chloride

Concen: 0.124 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013441.D

Acq: 30 Oct 2019 19:03

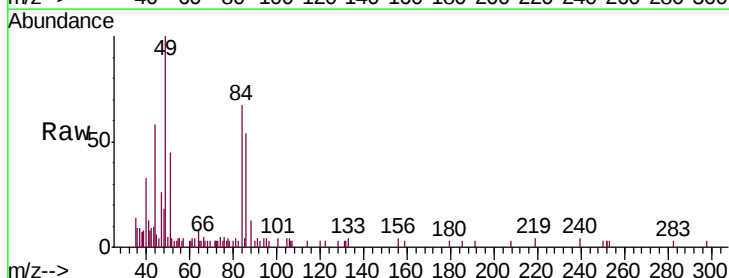
Tgt Ion: 84 Resp: 4618

Ion Ratio Lower Upper

84 100

86 81.1 43.8 81.4

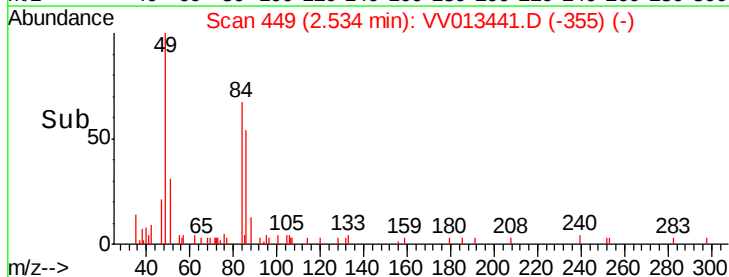
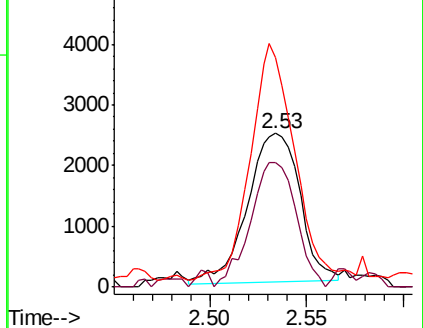
49 149.4 90.4 168.0

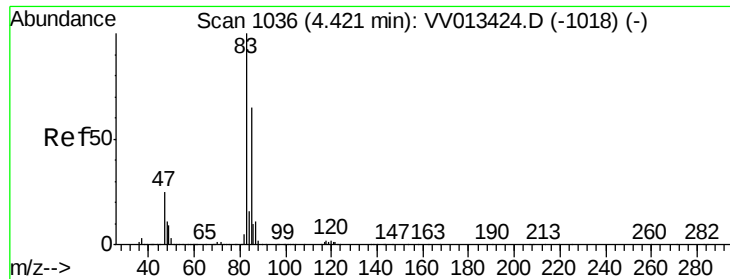


Abundance Ion 84.05 (83.75 to 84.75): VV013441.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VV013441.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VV013441.D (-448) (-)





#25

Chloroform

Concen: 0.202 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

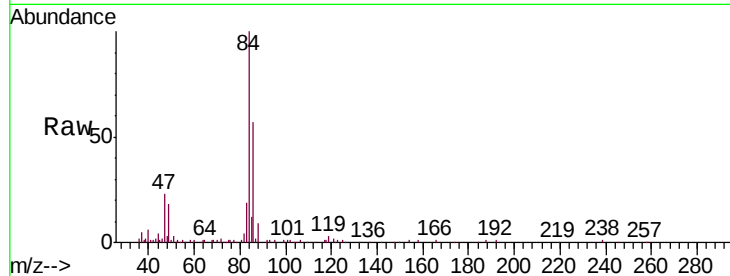
VSTD00541

Tgt Ion: 83 Resp: 13404

Ion Ratio Lower Upper

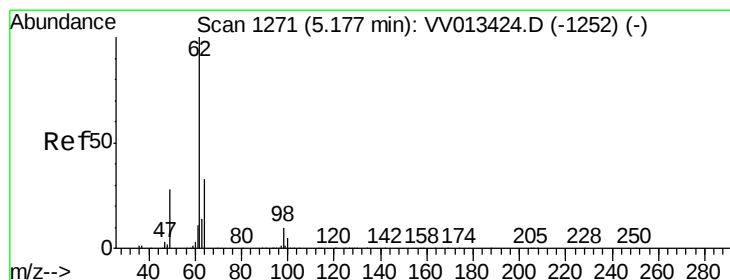
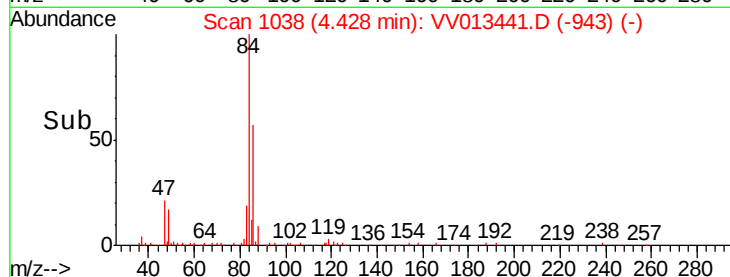
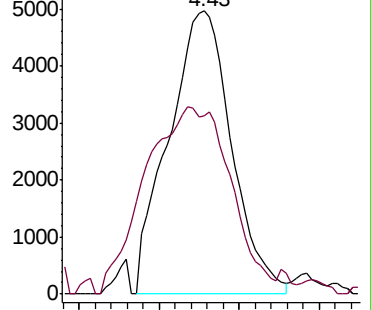
83 100

85 62.9 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VV013441.D (-943) (-)

Ion 85.00 (84.70 to 85.70): VV013441.D (-943) (-)



#27

1,2-Dichloroethane

Concen: 0.117 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV013441.D

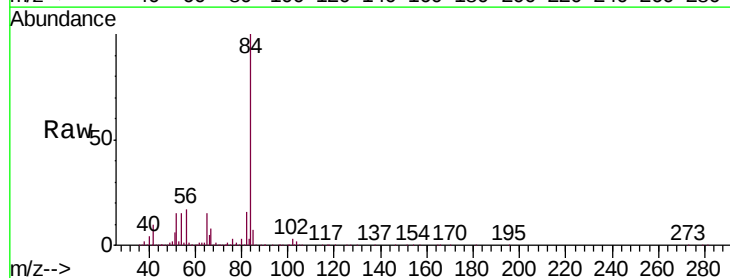
Acq: 30 Oct 2019 19:03

Tgt Ion: 62 Resp: 4295

Ion Ratio Lower Upper

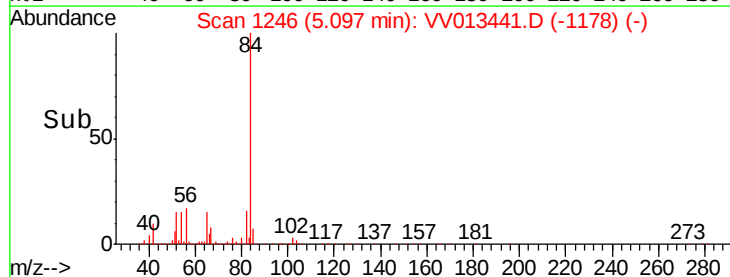
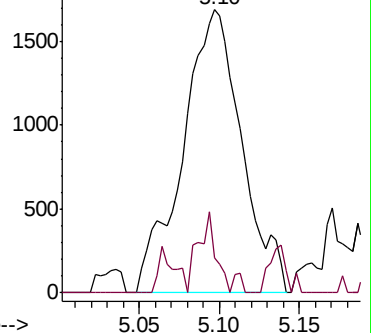
62 100

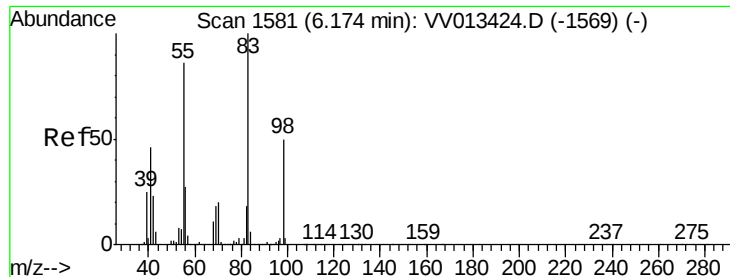
98 12.3 8.6 12.8



Abundance Ion 62.00 (61.70 to 62.70): VV013441.D (-1178) (-)

Ion 98.05 (97.75 to 98.75): VV013441.D (-1178) (-)

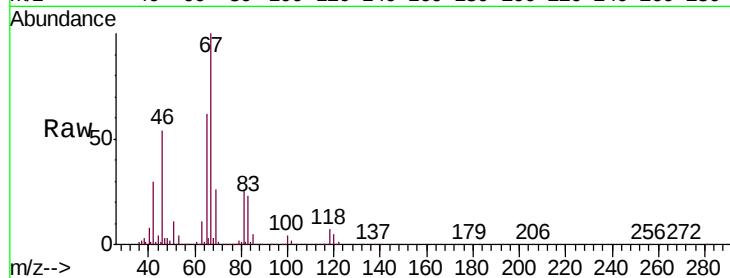




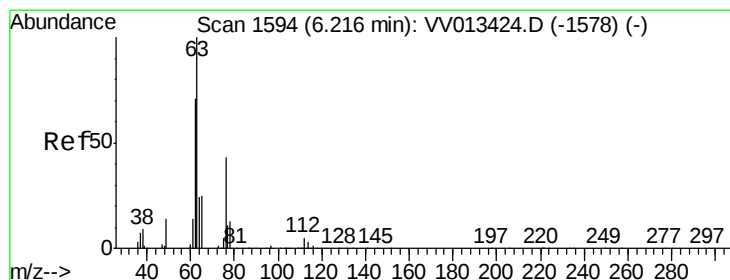
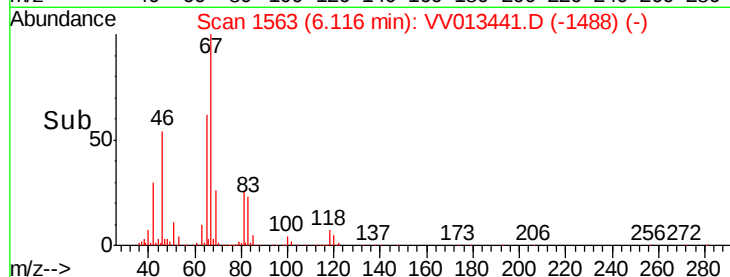
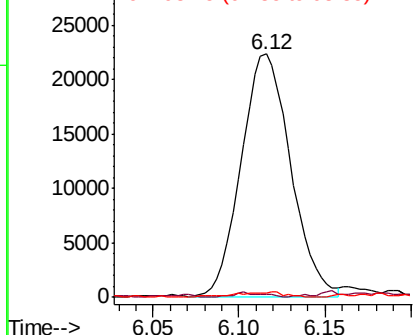
#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013441.D
Acq: 30 Oct 2019 19:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD00541

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.0	99.0#
98	0.9	38.2	57.4#

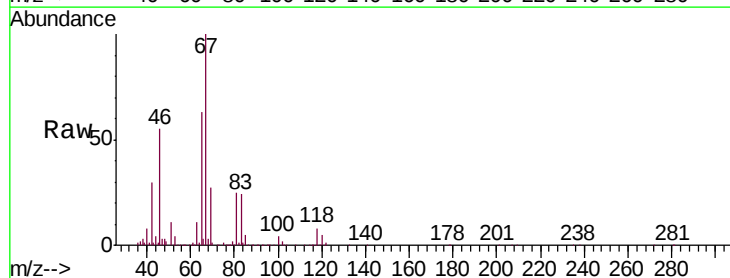


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

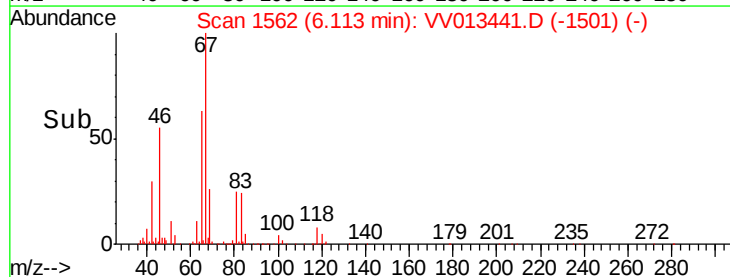
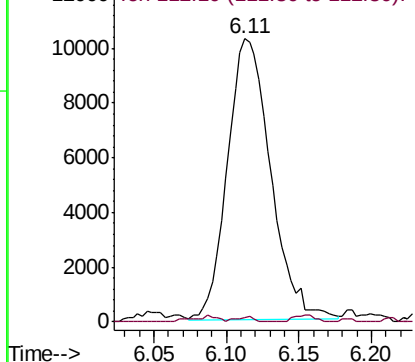


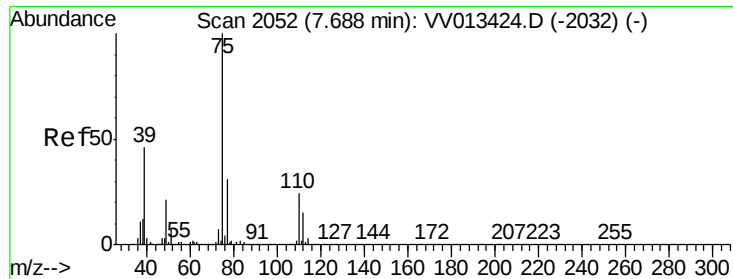
#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013441.D
Acq: 30 Oct 2019 19:03

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.6	5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

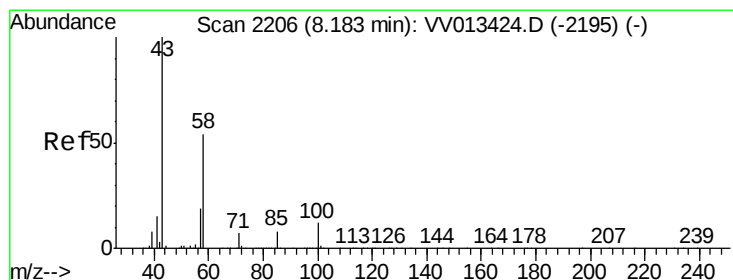
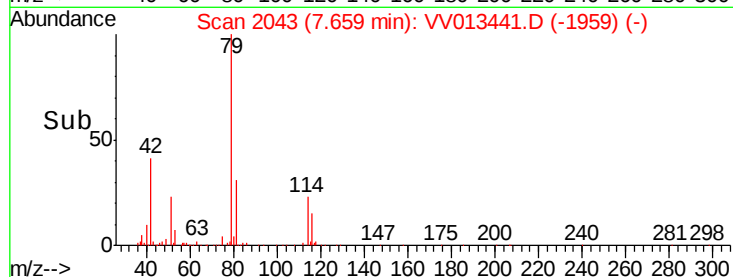
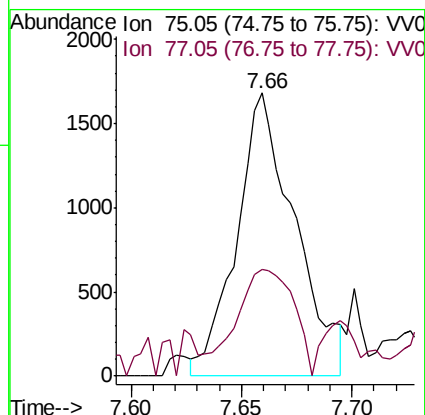
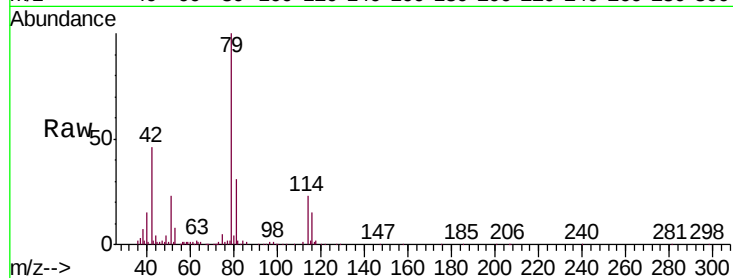




#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV013441.D
 Acq: 30 Oct 2019 19:03

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00541

Tgt Ion: 75 Resp: 3080
 Ion Ratio Lower Upper
 75 100
 77 37.6 21.5 39.9



#48
 2-Hexanone
 Concen: 1.449 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV013441.D
 Acq: 30 Oct 2019 19:03

Tgt Ion: 43 Resp: 19966
 Ion Ratio Lower Upper
 43 100
 58 45.6 43.5 65.3
 57 23.3 14.3 21.5#
 100 1.2 9.3 13.9#

