

Data File : VV013747.D
Acq On : 22 Nov 2019 20:36
Operator : SY/MD
Sample : K5910-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 23 01:40:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	271738	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	293900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93042	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.58	69	89918	6.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.00%
11) 1,1-Dichloroethene-d2	2.13	63	137537	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.92	46	276791	79.16	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.32%#
24) Chloroform-d	4.40	84	208588	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.00%
26) 1,2-Dichloroethane-d4	5.08	65	114084	7.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	141.40%#
32) Benzene-d6	5.10	84	420409	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	134338	5.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.00%
41) Toluene-d8	7.36	98	362156	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.66	79	46205	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.13	63	207453	63.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103430	6.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	159467	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

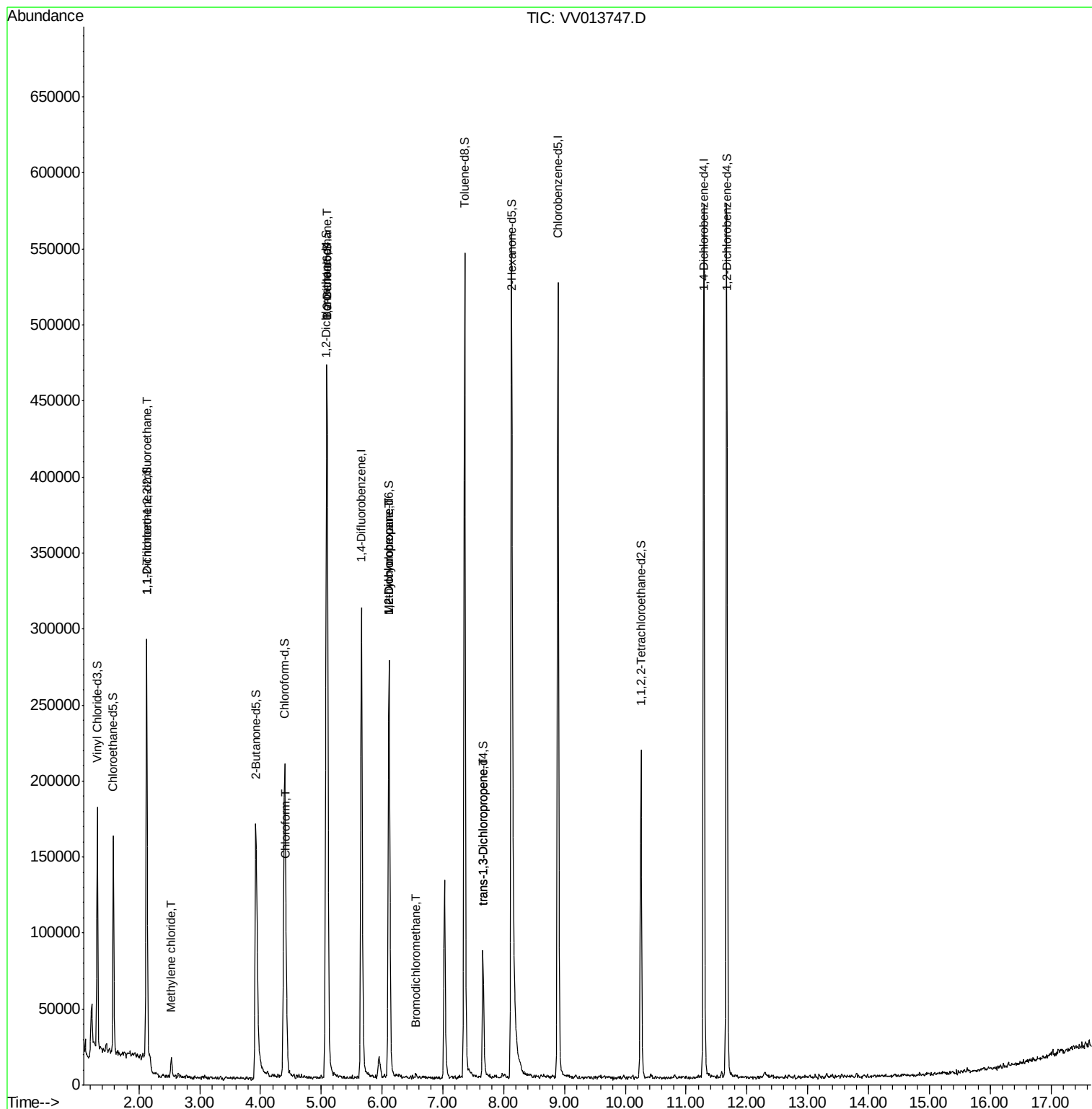
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1540	0.103	ug/L #	24
16) Methylene chloride	2.54	84	5360	0.300	ug/L	99
25) Chloroform	4.43	83	28975	0.928	ug/L	100
27) 1,2-Dichloroethane	5.10	62	2576	0.144	ug/L	97
35) Methylcyclohexane	6.11	83	32594	1.228	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	15357	0.829	ug/L #	85
38) Bromodichloromethane	6.55	83	1865	0.076	ug/L #	80
44) trans-1,3-Dichloropropene	7.66	75	2311	0.112	ug/L	92

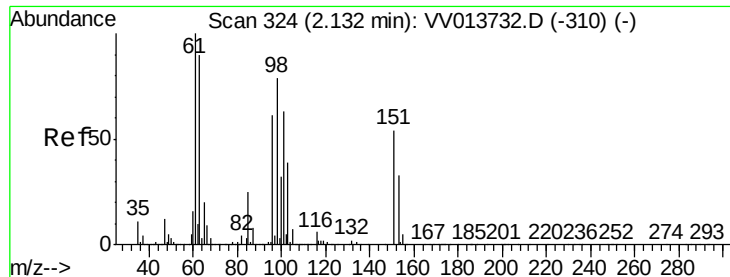
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.103 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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VHBLK01

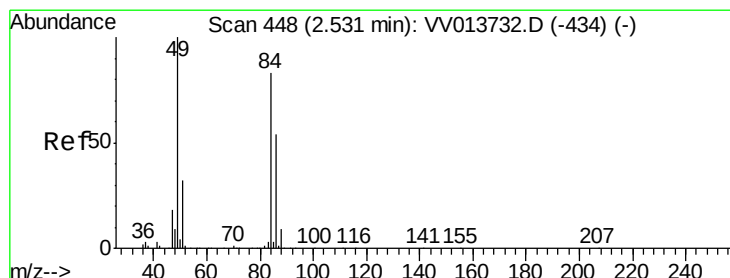
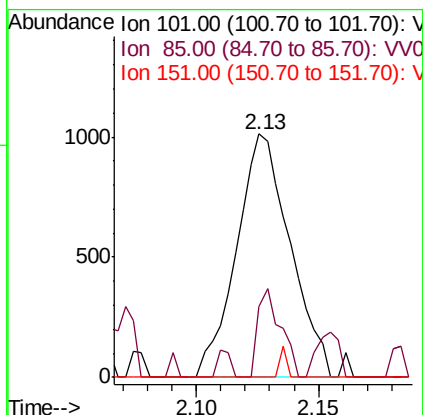
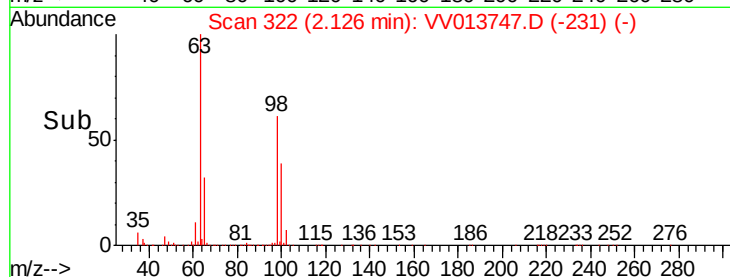
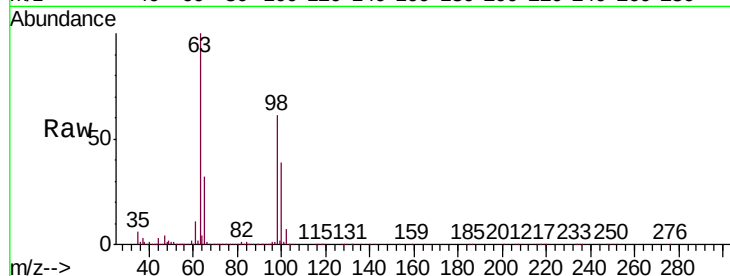
Tgt Ion:101 Resp: 1540

Ion Ratio Lower Upper

101 100

85 15.3 33.4 50.0#

151 1.6 69.4 104.0#



#16

Methylene chloride

Concen: 0.300 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV013747.D

Acq: 22 Nov 2019 20:36

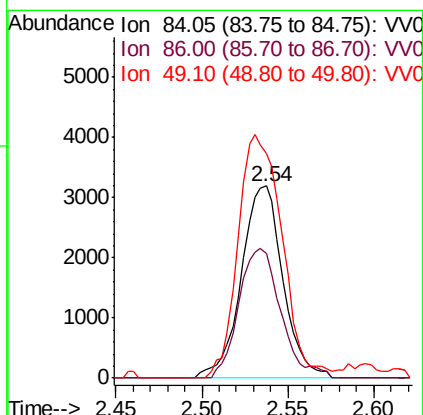
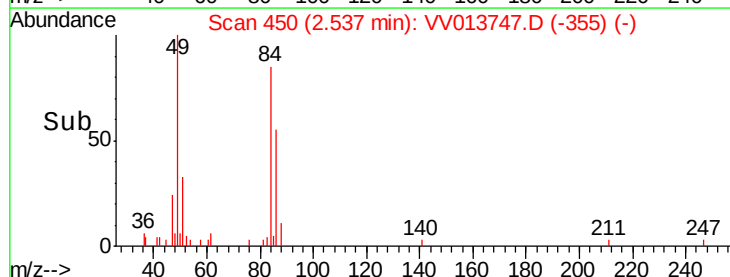
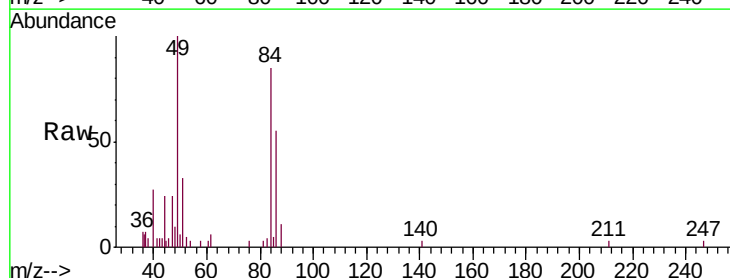
Tgt Ion: 84 Resp: 5360

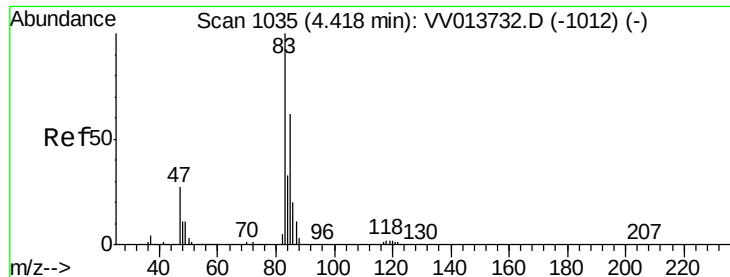
Ion Ratio Lower Upper

84 100

86 64.7 44.0 81.6

49 117.2 81.5 151.5

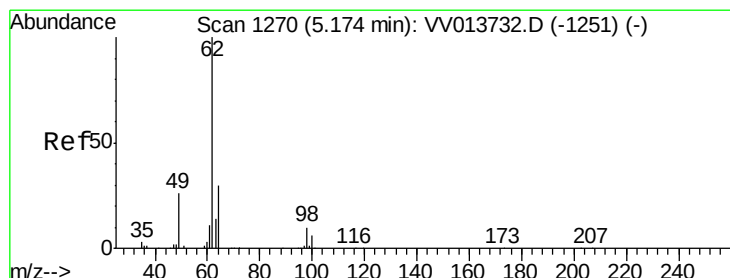
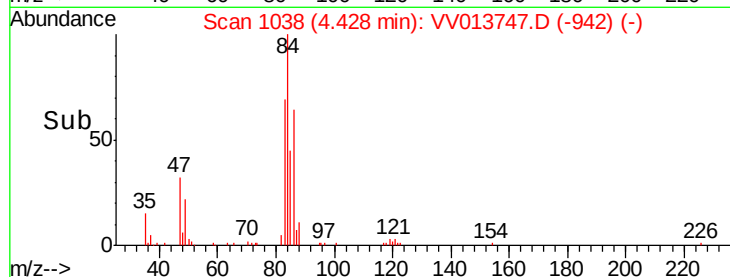
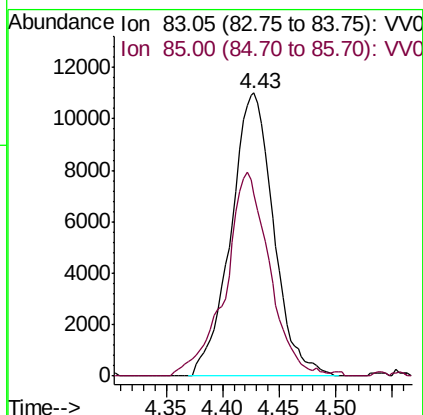
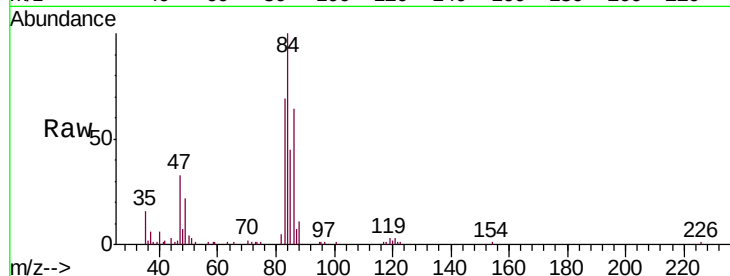




#25
Chloroform
Concen: 0.928 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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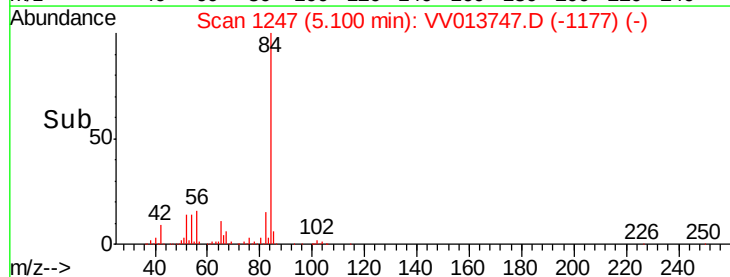
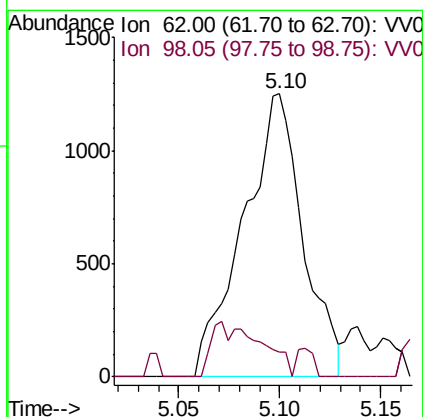
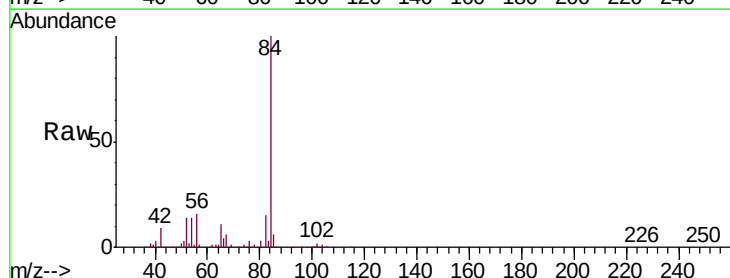
Instrument :
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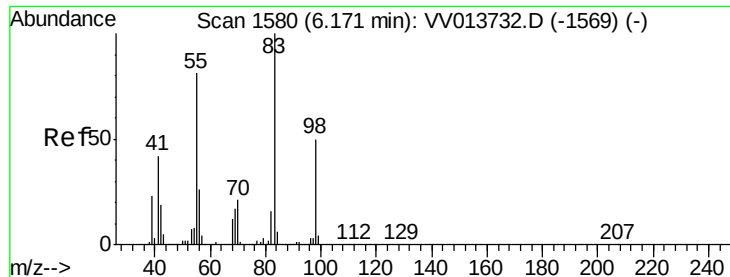
Tgt Ion: 83 Resp: 28975
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.144 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.07 min
Lab File: VV013747.D
Acq: 22 Nov 2019 20:36

Tgt Ion: 62 Resp: 2576
Ion Ratio Lower Upper
62 100
98 8.9 8.2 12.2

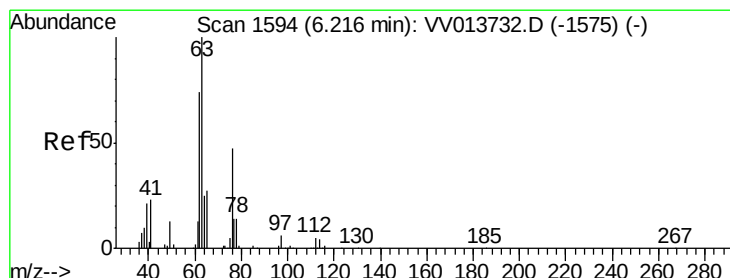
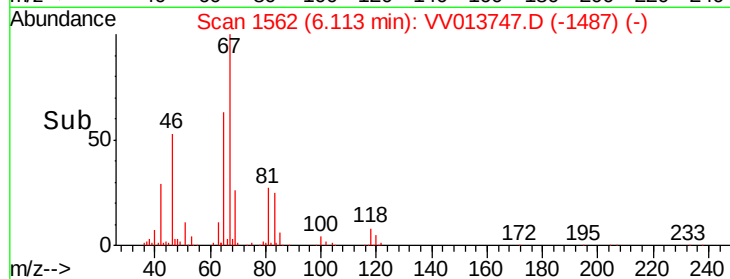
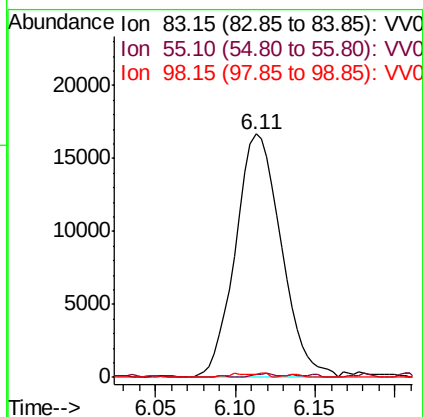
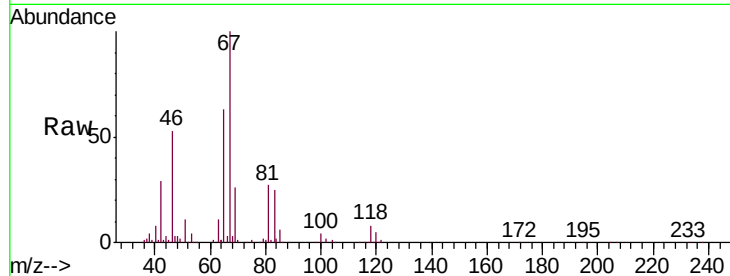




#35
Methylcyclohexane
Concen: 1.228 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013747.D
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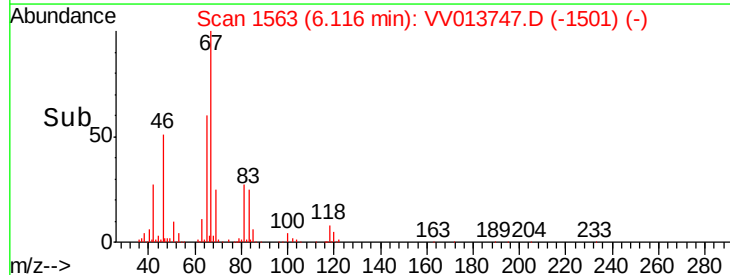
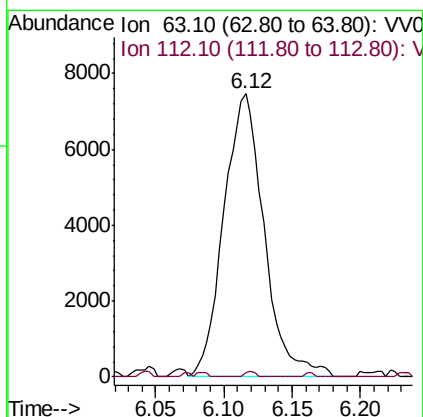
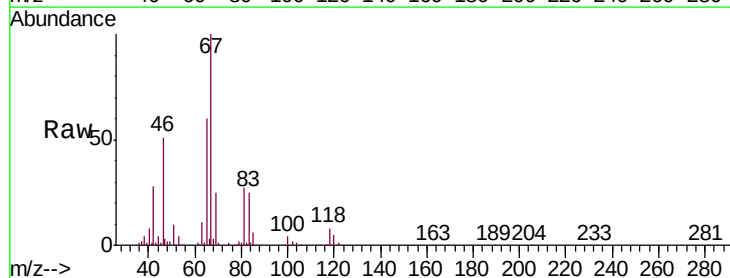
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

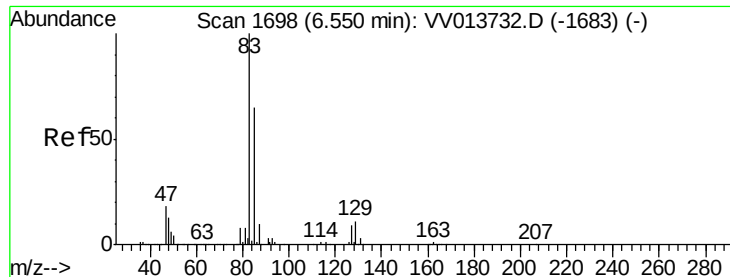
Tgt Ion: 83 Resp: 32594
Ion Ratio Lower Upper
83 100
55 0.7 60.3 90.5#
98 0.3 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.829 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013747.D
Acq: 22 Nov 2019 20:36

Tgt Ion: 63 Resp: 15357
Ion Ratio Lower Upper
63 100
112 0.5 4.4 6.6#





#38

Bromodichloromethane

Concen: 0.076 ug/L

RT: 6.55 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VV013747.D

Acq: 22 Nov 2019 20:36

Instrument :

MSVOA_V

ClientSampled :

VHBLK01

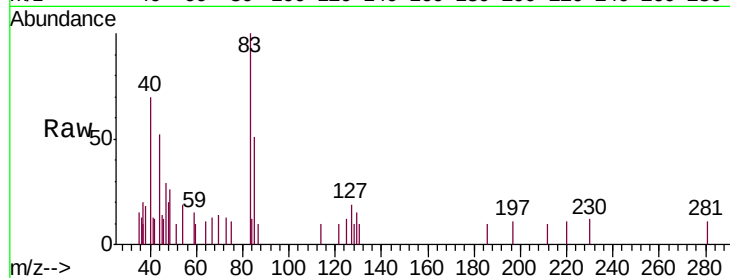
Tgt Ion: 83 Resp: 1865

Ion Ratio Lower Upper

83 100

85 50.9 46.1 85.5

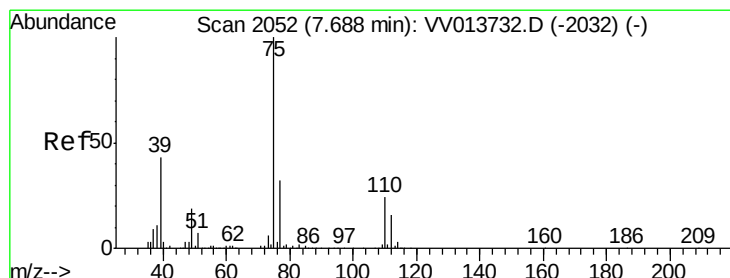
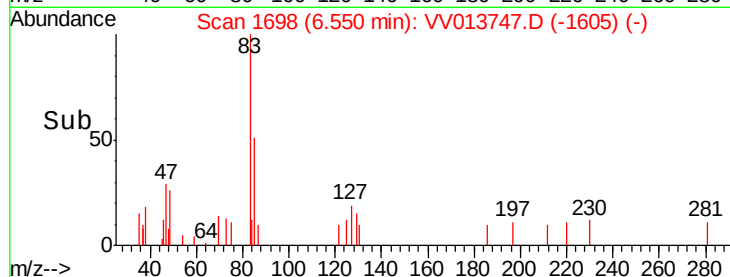
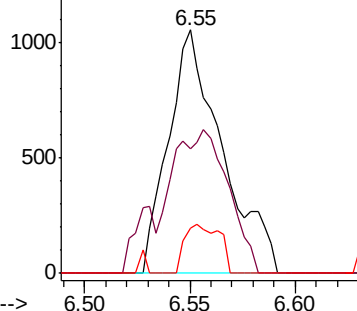
127 18.8 7.5 11.3#



Abundance Ion 82.95 (82.65 to 83.65): VV013747.D (-1605) (-)

Ion 85.00 (84.70 to 85.70): VV013747.D (-1605) (-)

Ion 126.90 (126.60 to 127.60): VV013747.D (-1605) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013747.D

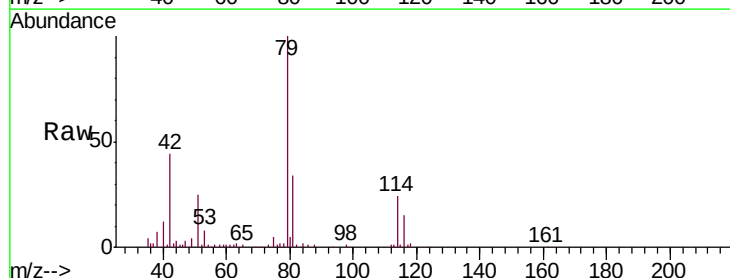
Acq: 22 Nov 2019 20:36

Tgt Ion: 75 Resp: 2311

Ion Ratio Lower Upper

75 100

77 37.4 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV013747.D (-1959) (-)

Ion 77.05 (76.75 to 77.75): VV013747.D (-1959) (-)

