

Data File : VV011445.D
Acq On : 13 Jun 2019 05:01
Operator : SY/MD
Sample : K3226-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 13 08:27:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 08:24:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138200	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47632	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41584	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	30629	3.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.40%
11) 1,1-Dichloroethene-d2	2.12	63	70123	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.97	46	108354	45.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.92%
24) Chloroform-d	4.40	84	80835	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	45811	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.09	84	159271	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.12	67	49179	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.36	98	136276	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	7.66	79	13506	3.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.00%
46) 2-Hexanone-d5	8.14	63	79095	42.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32915	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	41938	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

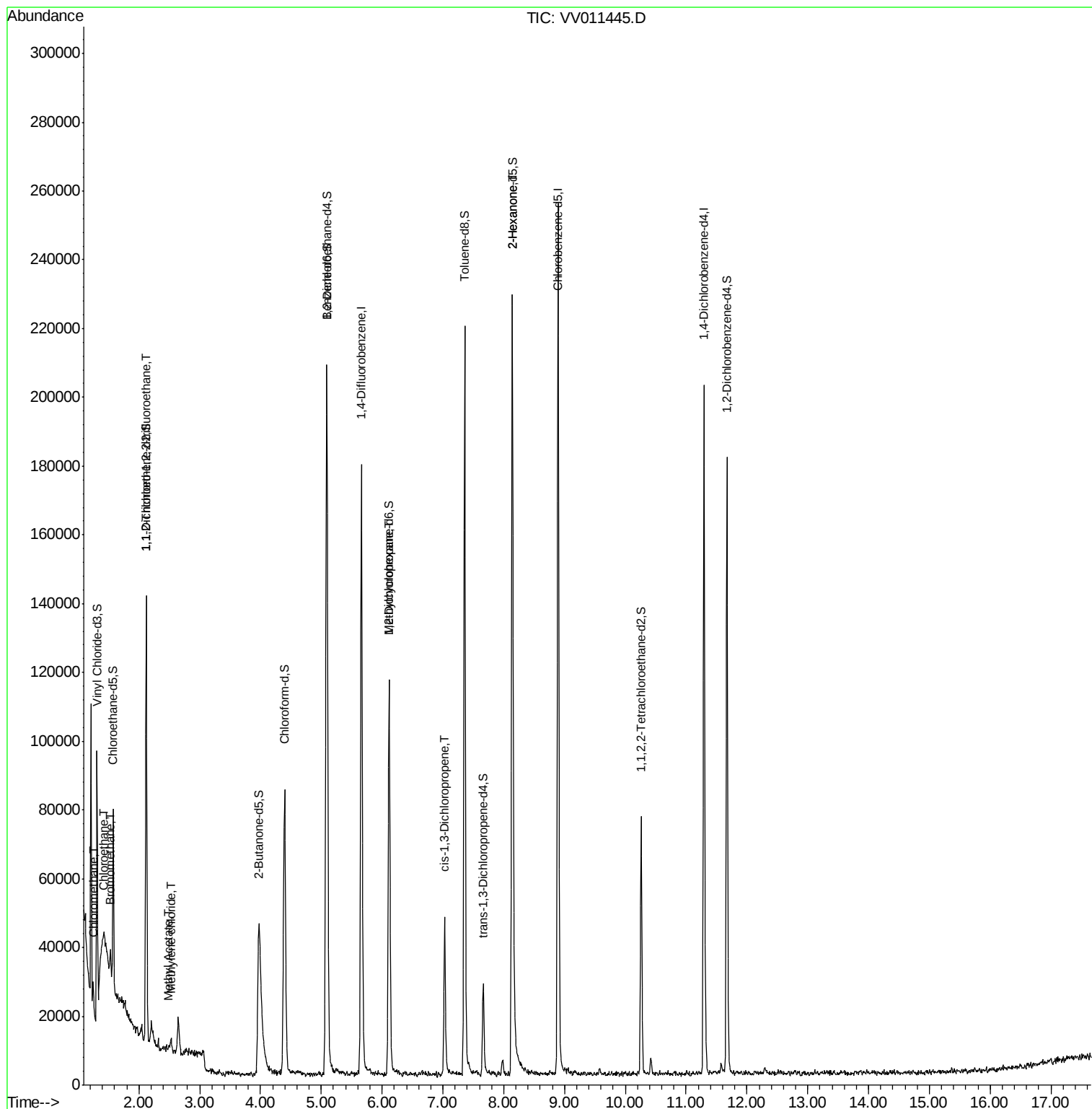
					Qvalue
3) Chloromethane	1.25	50	5596	0.425 ug/L	97
6) Bromomethane	1.53	94	3272	0.495 ug/L	84
8) Chloroethane	1.41	64	67088	8.257 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	728	0.081 ug/L #	33
15) Methyl Acetate	2.47	43	698	0.166 ug/L	91
16) Methylene chloride	2.53	84	1248	0.139 ug/L	93
35) Methylcyclohexane	6.12	83	11875	0.693 ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1318	0.090 ug/L #	45
48) 2-Hexanone	8.14	43	12547	2.831 ug/L #	72

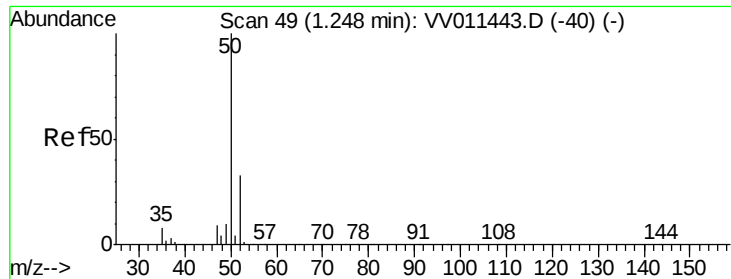
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.425 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 13 Jun 2019 05:01

Instrument :

MSVOA_V

ClientSampleId :

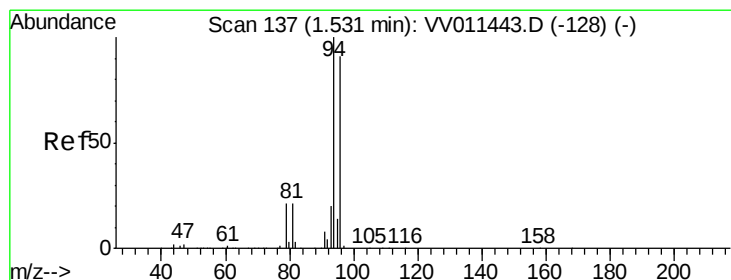
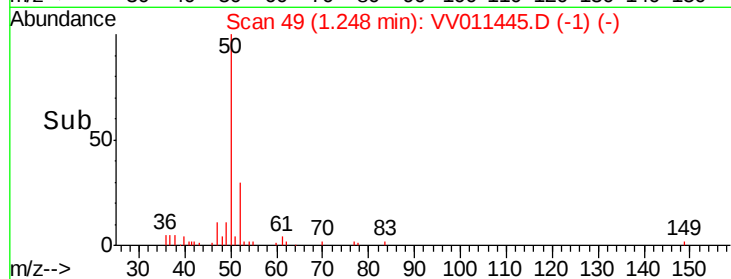
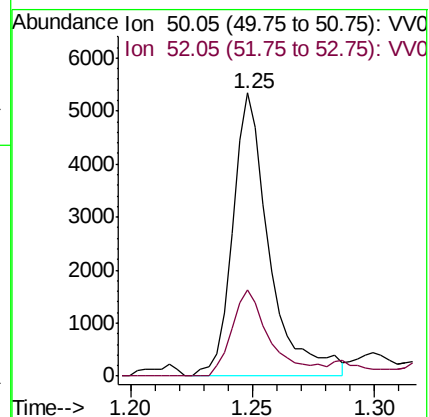
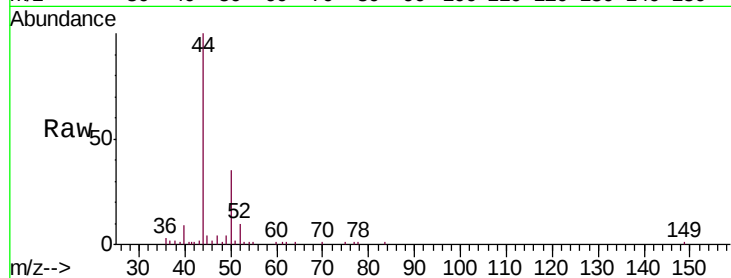
VHBLK01

Tgt Ion: 50 Resp: 5596

Ion Ratio Lower Upper

50 100

52 30.3 22.3 41.5



#6

Bromomethane

Concen: 0.495 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

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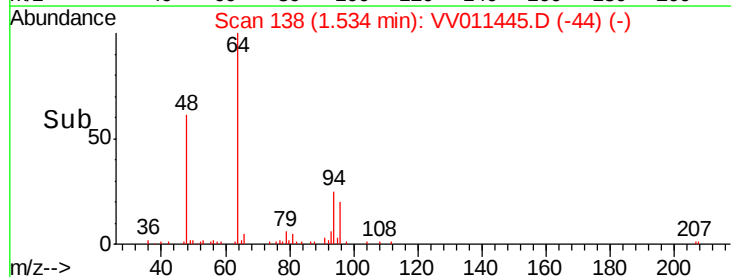
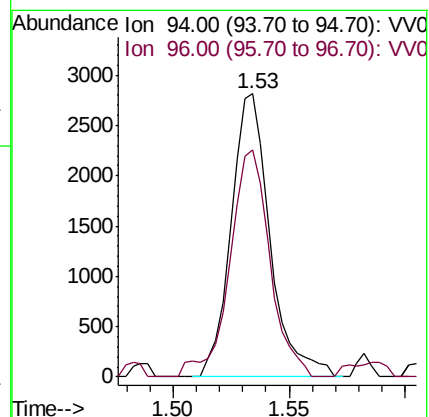
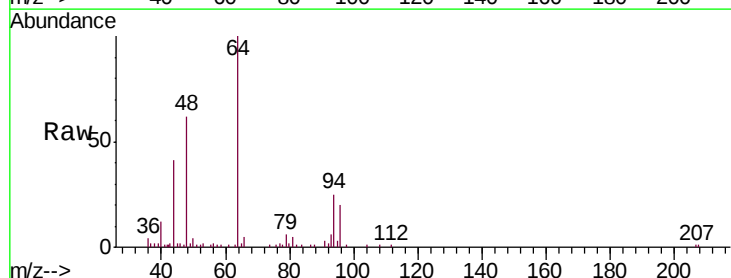
Acq: 13 Jun 2019 05:01

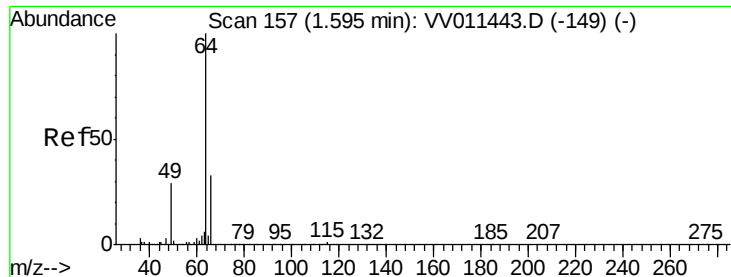
Tgt Ion: 94 Resp: 3272

Ion Ratio Lower Upper

94 100

96 80.3 67.0 124.4





#8

Chloroethane

Concen: 8.257 ug/L

RT: 1.41 min Scan# 99

Delta R.T. -0.19 min

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Acq: 13 Jun 2019 05:01

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MSVOA_V

ClientSampleId :

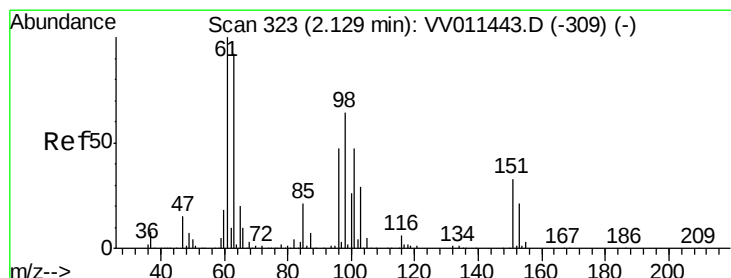
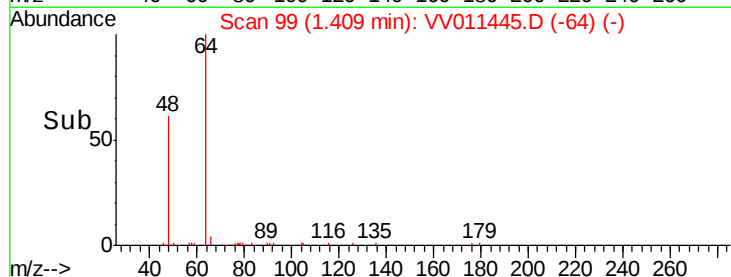
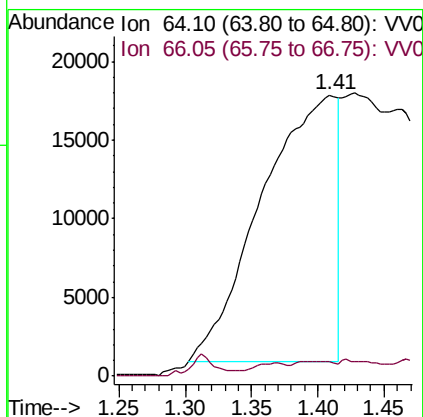
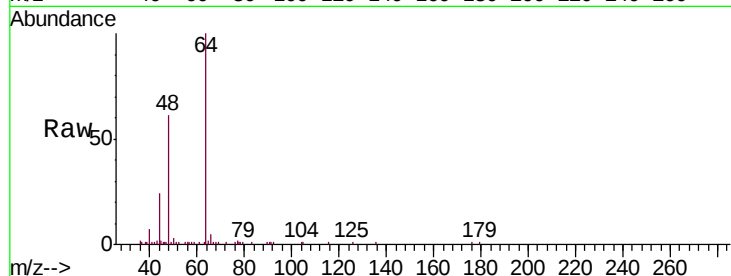
VHBLK01

Tgt Ion: 64 Resp: 67088

Ion Ratio Lower Upper

64 100

66 5.3 19.4 36.0#



#10

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

Concen: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011445.D

Acq: 13 Jun 2019 05:01

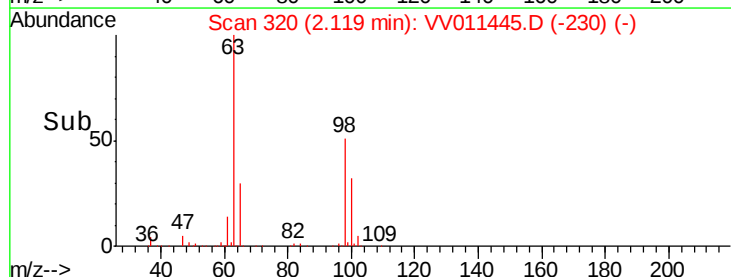
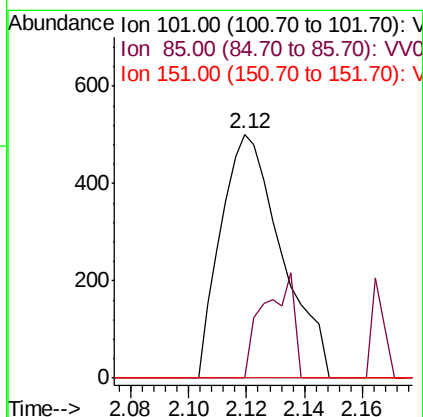
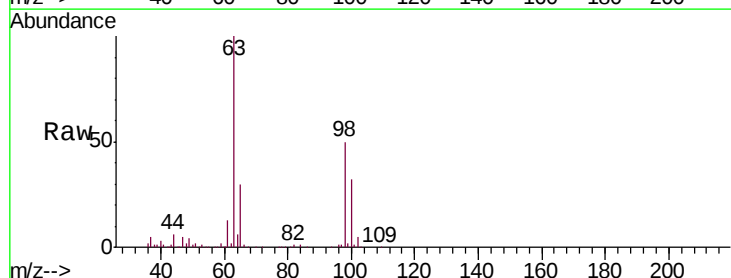
Tgt Ion: 101 Resp: 728

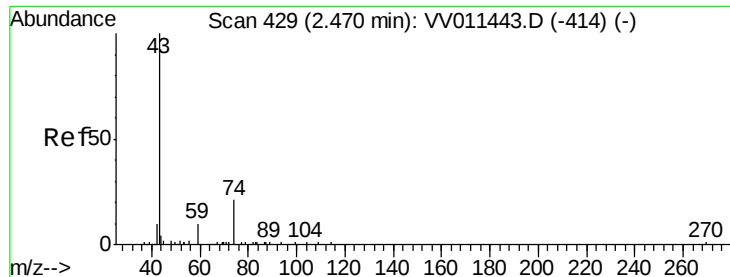
Ion Ratio Lower Upper

101 100

85 21.3 35.5 53.3#

151 0.0 56.9 85.3#

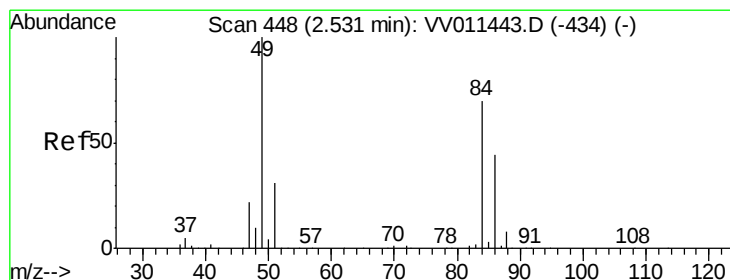
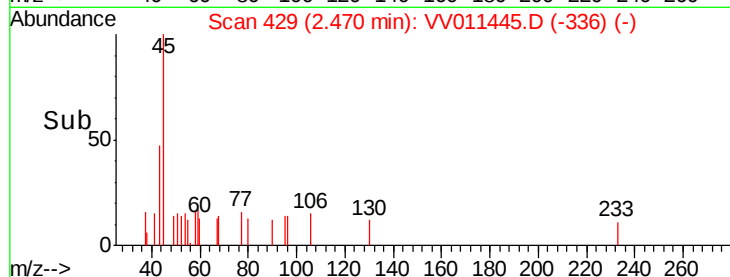
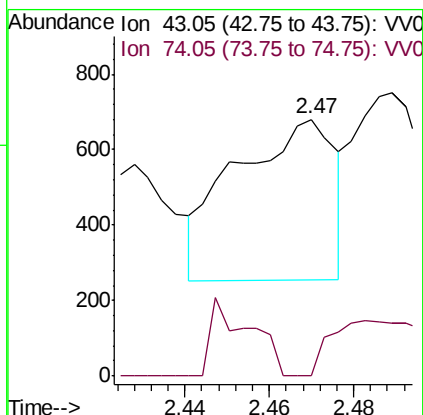
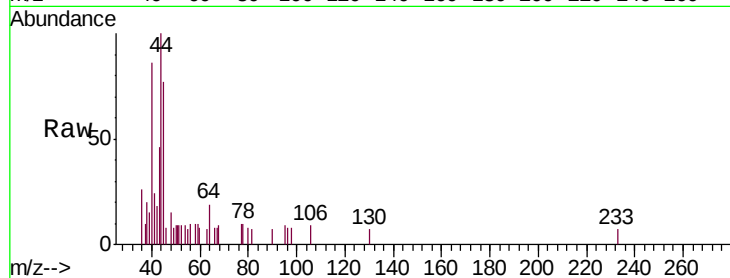




#15
Methyl Acetate
Concen: 0.166 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV011445.D
Acq: 13 Jun 2019 05:01

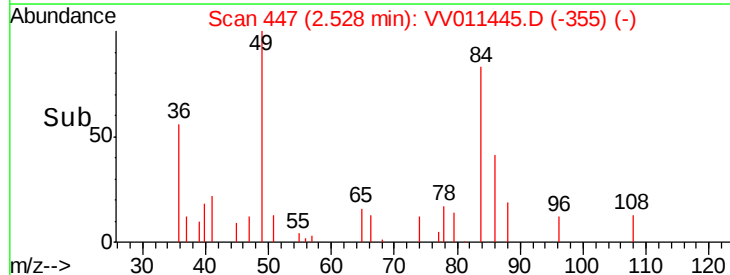
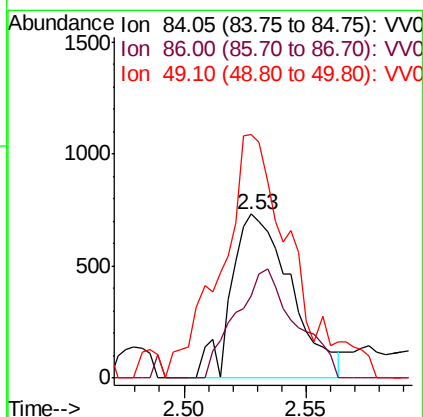
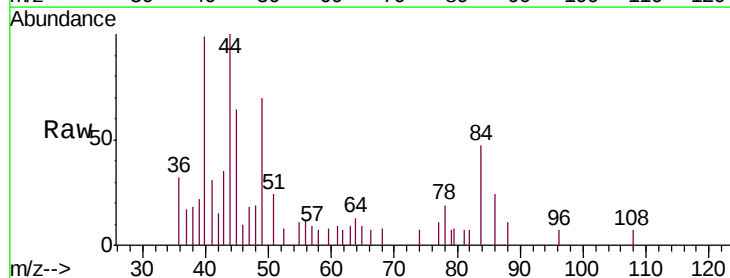
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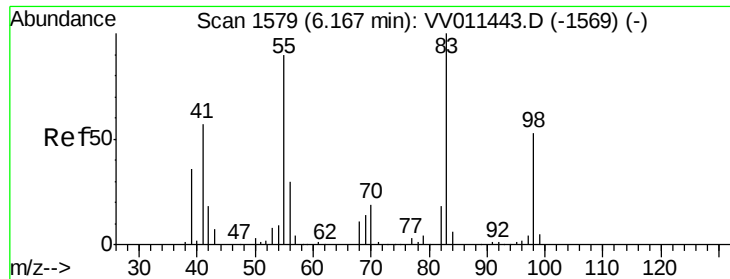
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
74 18.9 18.5 27.7



#16
Methylene chloride
Concen: 0.139 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011445.D
Acq: 13 Jun 2019 05:01

Tgt Ion: 84 Resp: 1248
Ion Ratio Lower Upper
84 100
86 49.9 44.9 83.3
49 148.6 102.1 189.5

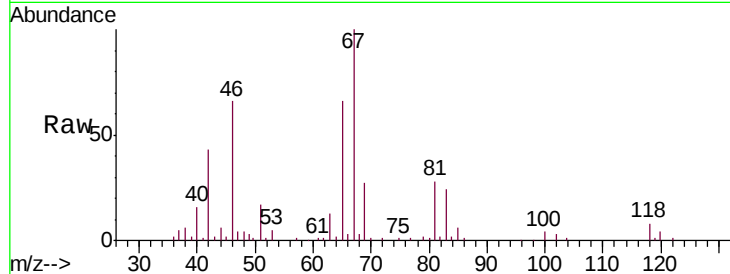




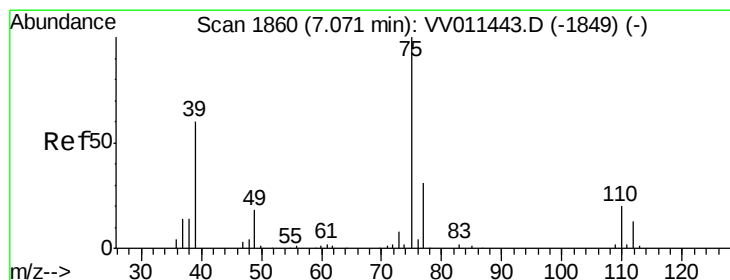
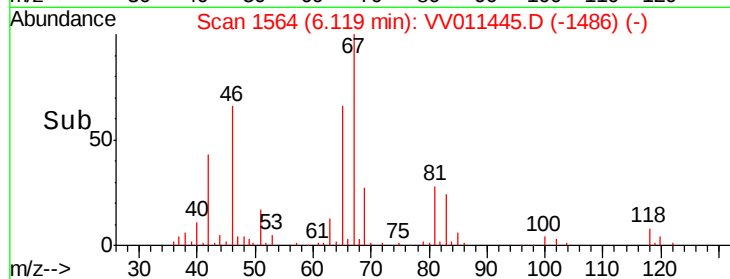
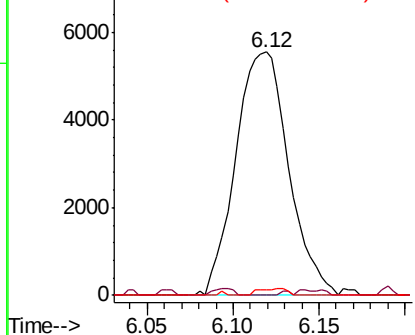
#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011445.D
Acq: 13 Jun 2019 05:01

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 11875
Ion Ratio Lower Upper
83 100
55 0.3 67.0 100.6#
98 1.5 40.0 60.0#

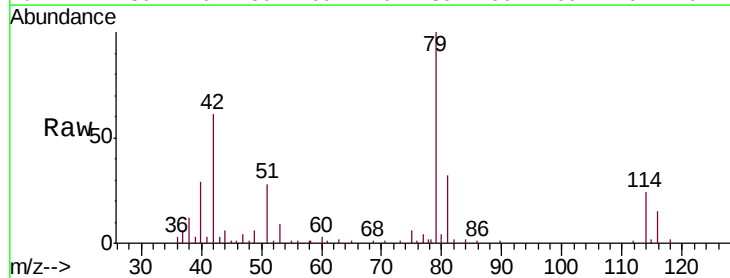


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

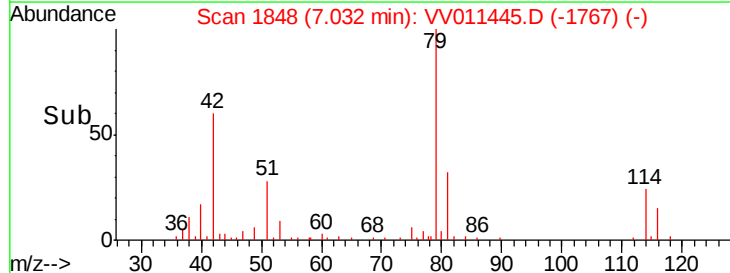
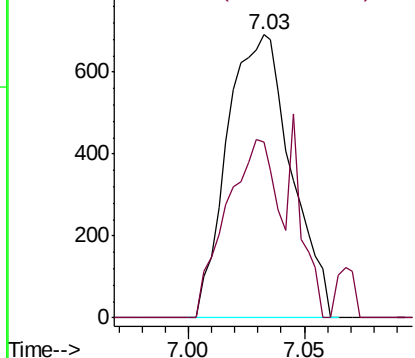


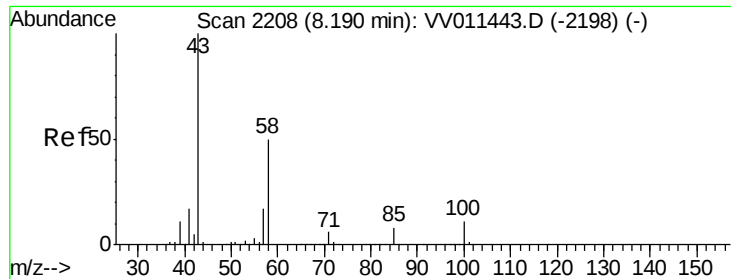
#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011445.D
Acq: 13 Jun 2019 05:01

Tgt Ion: 75 Resp: 1318
Ion Ratio Lower Upper
75 100
77 62.1 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 2.831 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV011445.D
 Acq: 13 Jun 2019 05:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion:	43	Resp:	12547
Ion	Ratio	Lower	Upper
43	100		
58	27.2	41.4	62.0#
57	22.8	15.0	22.4#
100	1.7	9.0	13.4#

