

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011324.D
 Acq On : 08 Jun 2019 17:00
 Operator : SY/MD
 Sample : VV0608WBL01
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK51

Quant Time: Jun 09 00:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134789	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	125489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45992	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	41942	4.94	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	77775	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.96	46	118143	51.38	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.40	84	91579	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.08	65	50937	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.09	84	186124	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	56166	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	165036	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.66	79	17570	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.14	63	90083	48.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36390	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	52349	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

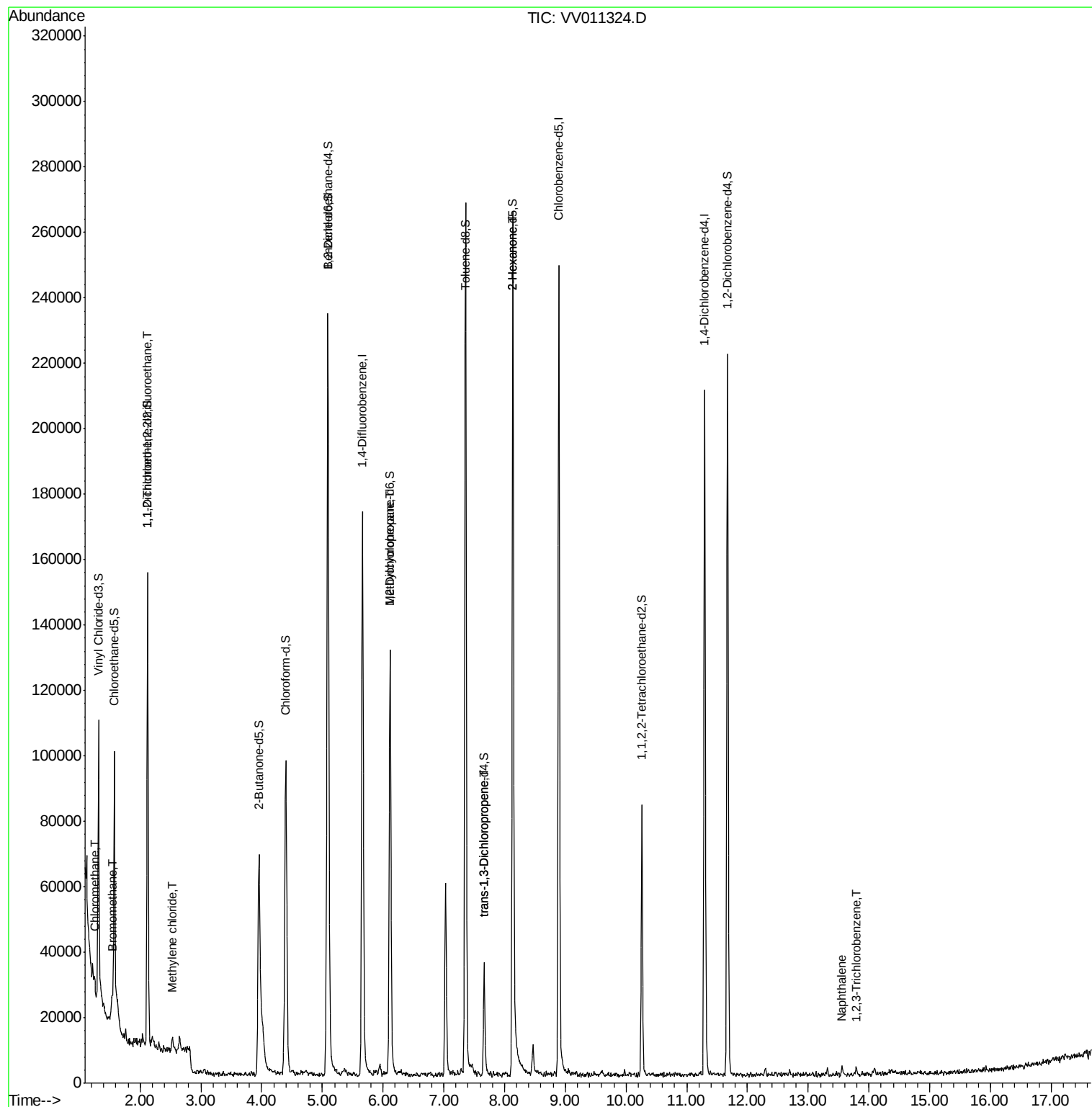
					Qvalue
3) Chloromethane	1.25	50	2241	0.174 ug/L #	74
6) Bromomethane	1.53	94	2121	0.329 ug/L	76
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	888	0.102 ug/L #	24
16) Methylene chloride	2.53	84	991	0.113 ug/L	97
35) Methylcyclohexane	6.11	83	14215	0.833 ug/L #	16
44) trans-1,3-Dichloropropene	7.66	75	923	0.083 ug/L #	68
48) 2-Hexanone	8.14	43	13050	2.957 ug/L #	68
69) Naphthalene	13.56	128	1733	0.119 ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	558	0.070 ug/L #	94

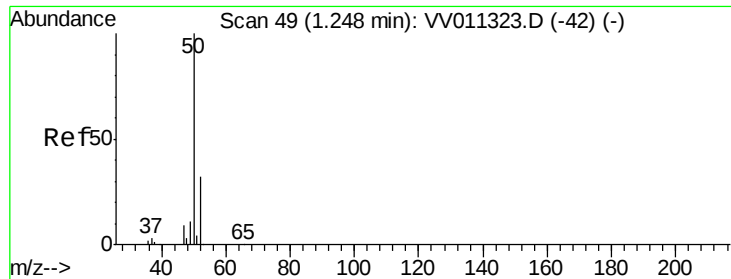
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.174 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011324.D

Acq: 08 Jun 2019 17:00

Instrument :

MSVOA_V

ClientSampleId :

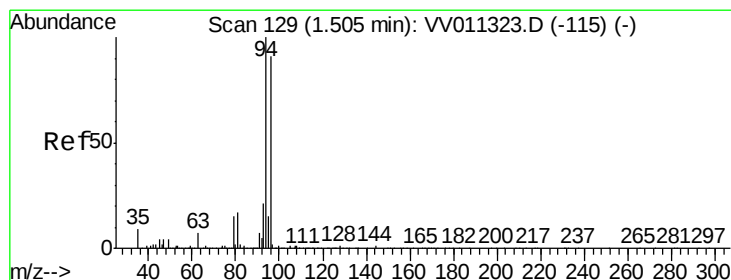
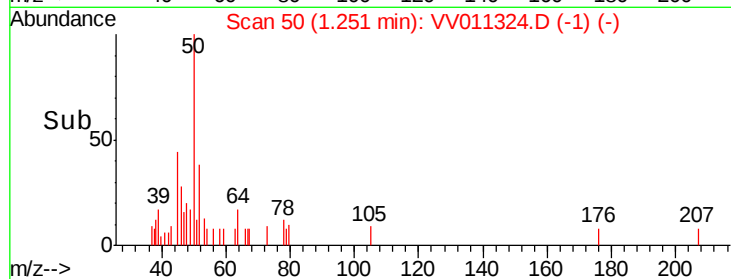
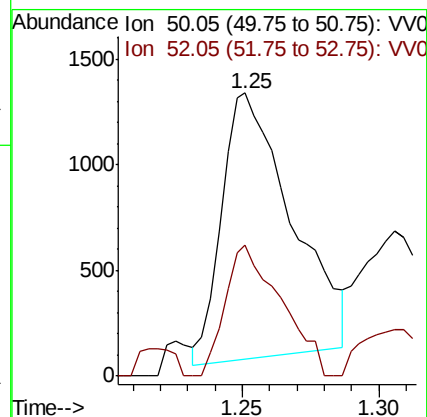
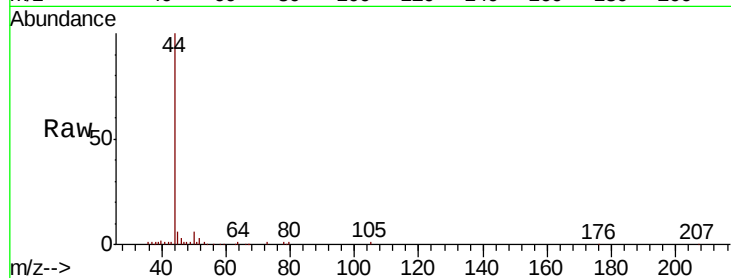
VBLK51

Tgt Ion: 50 Resp: 2241

Ion Ratio Lower Upper

50 100

52 46.3 22.3 41.5#



#6

Bromomethane

Concen: 0.329 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.03 min

Lab File: VV011324.D

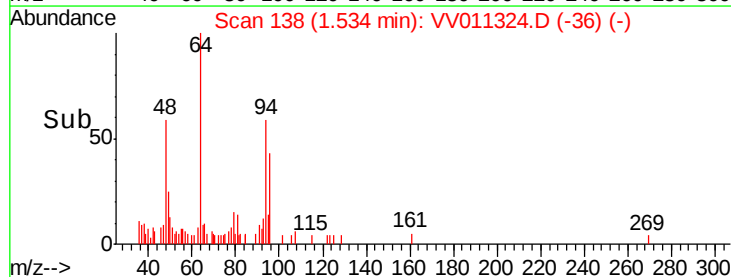
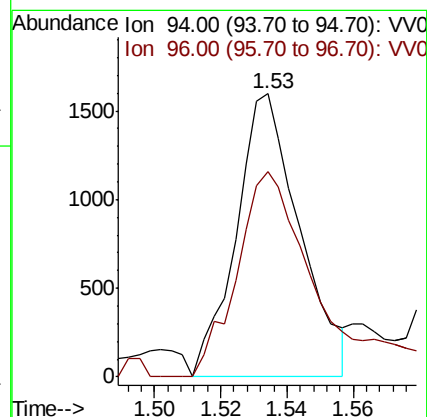
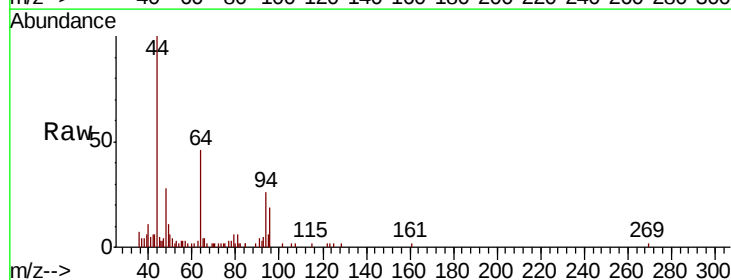
Acq: 08 Jun 2019 17:00

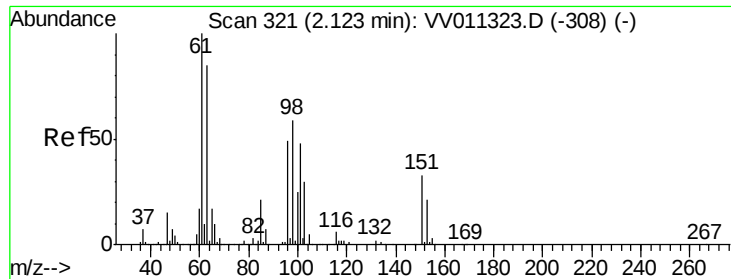
Tgt Ion: 94 Resp: 2121

Ion Ratio Lower Upper

94 100

96 72.7 67.0 124.4





#10

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

Concen: 0.102 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011324.D

Acq: 08 Jun 2019 17:00

Instrument :

MSVOA_V

ClientSampleId :

VBLK51

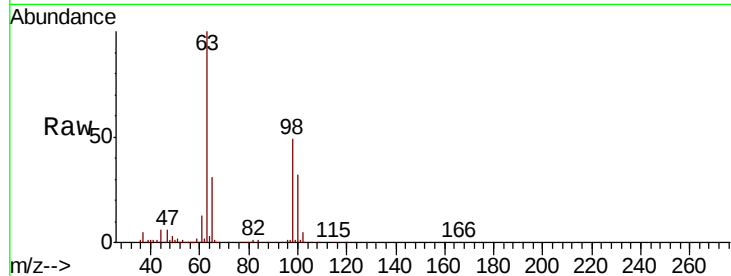
Tgt Ion: 101 Resp: 888

Ion Ratio Lower Upper

101 100

85 4.6 35.5 53.3#

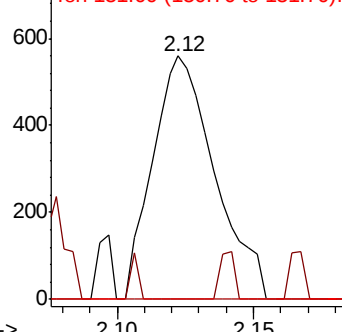
151 0.0 56.9 85.3#



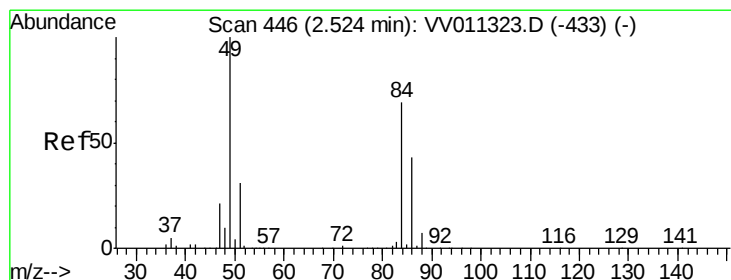
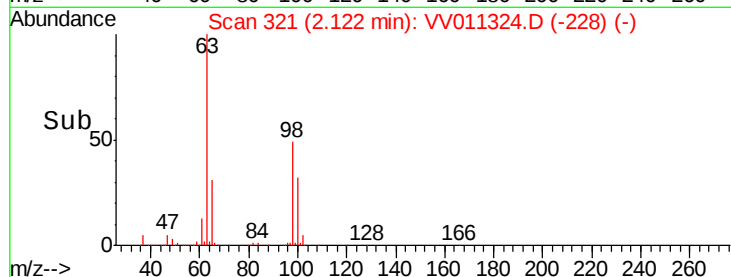
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#16

Methylene chloride

Concen: 0.113 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV011324.D

Acq: 08 Jun 2019 17:00

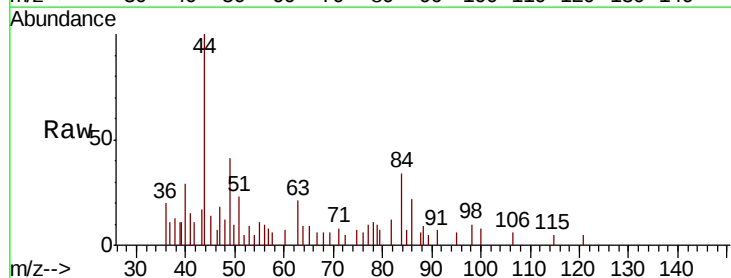
Tgt Ion: 84 Resp: 991

Ion Ratio Lower Upper

84 100

86 65.6 44.9 83.3

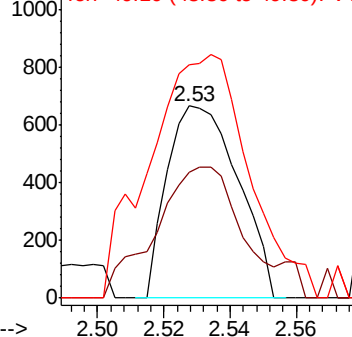
49 150.2 102.1 189.5



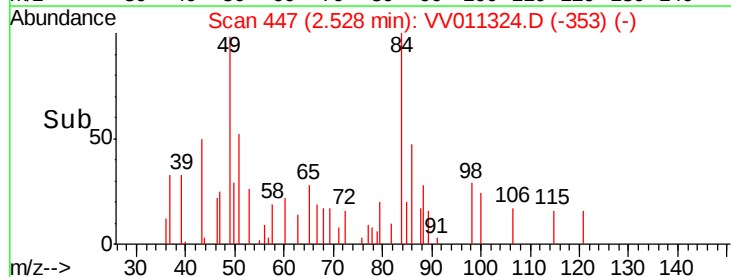
Abundance Ion 84.05 (83.75 to 84.75): VV0

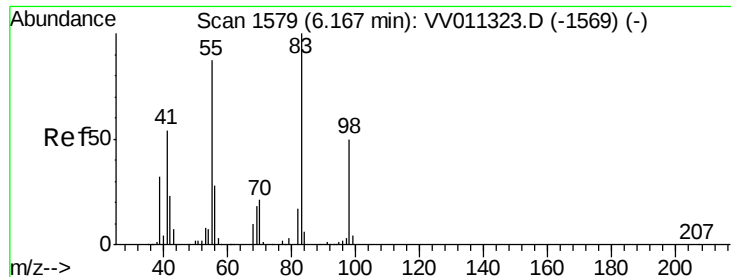
Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



Time-->

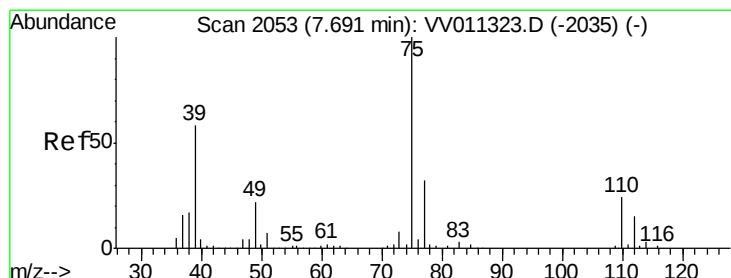
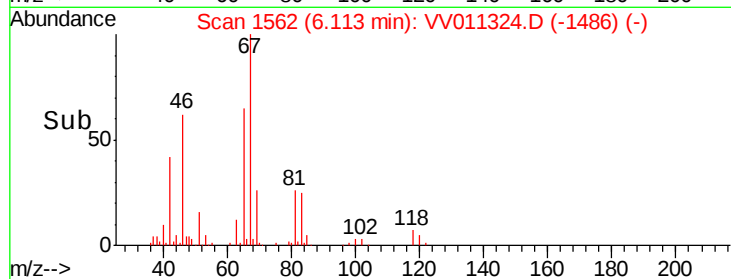
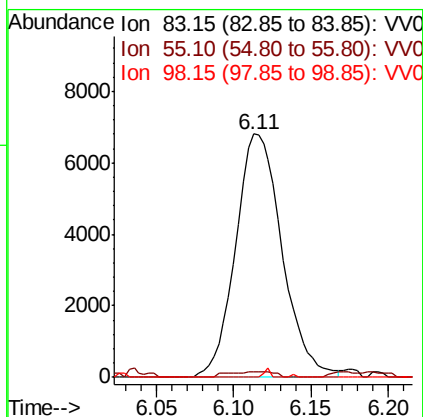
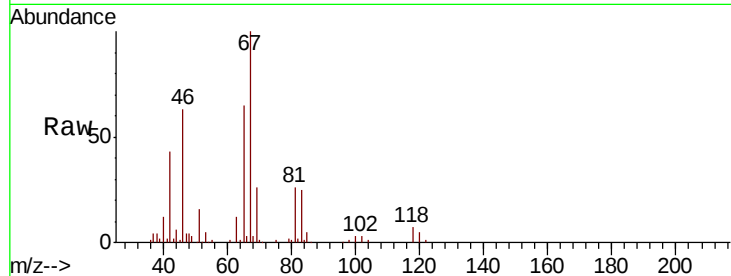




#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV011324.D
Acq: 08 Jun 2019 17:00

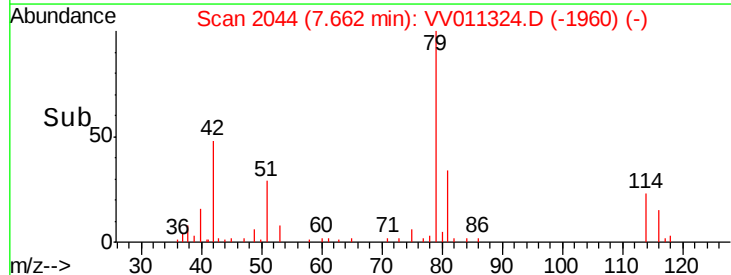
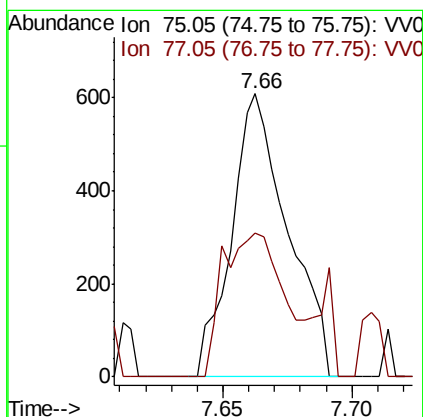
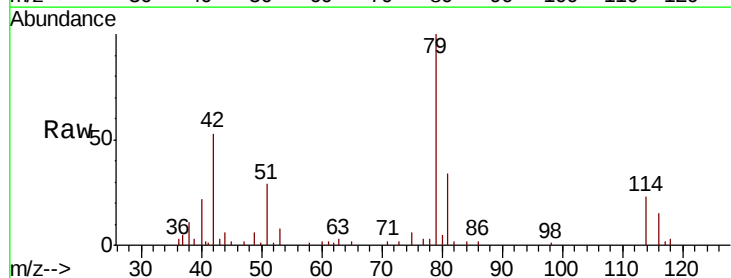
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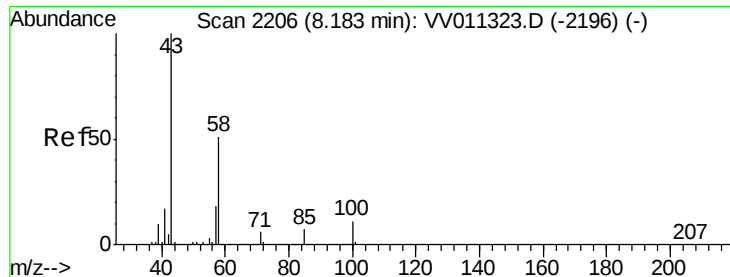
Tgt Ion: 83 Resp: 14215
Ion Ratio Lower Upper
83 100
55 1.6 67.0 100.6#
98 0.5 40.0 60.0#



#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011324.D
Acq: 08 Jun 2019 17:00

Tgt Ion: 75 Resp: 923
Ion Ratio Lower Upper
75 100
77 50.8 23.1 42.9#

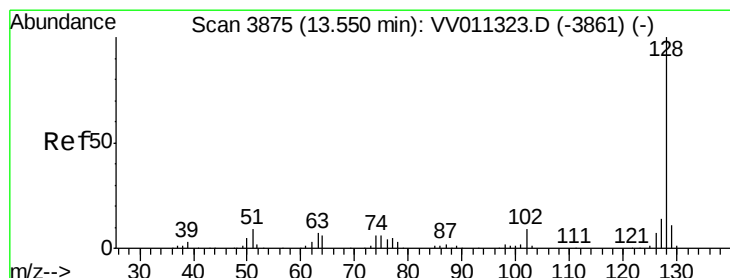
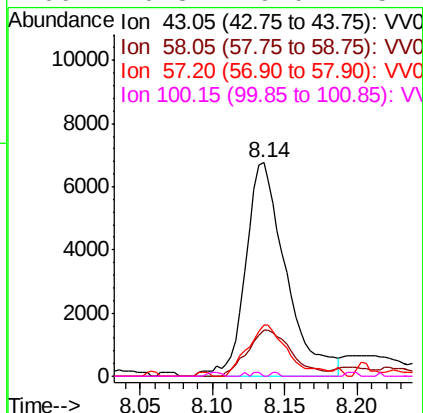
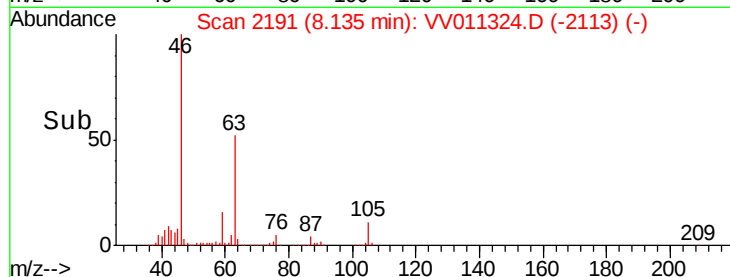
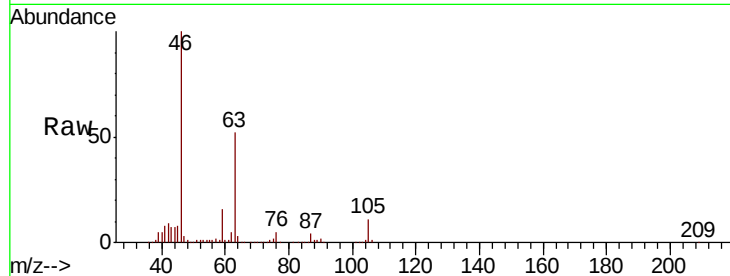




#48
2-Hexanone
Concen: 2.957 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011324.D
Acq: 08 Jun 2019 17:00

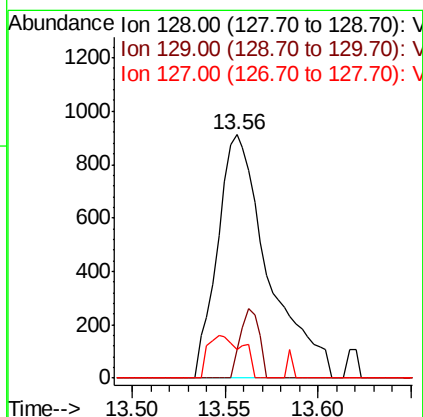
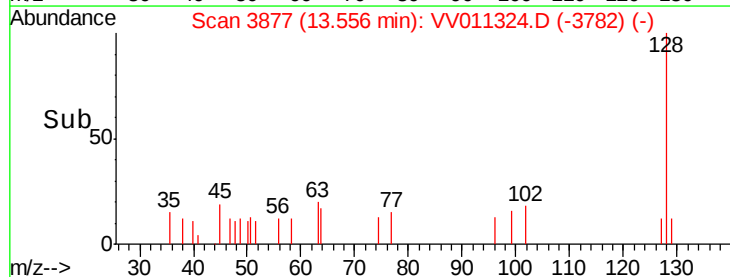
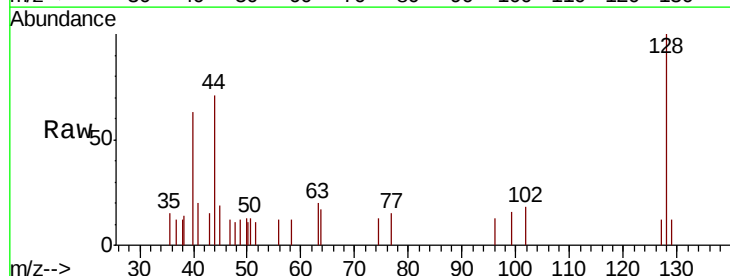
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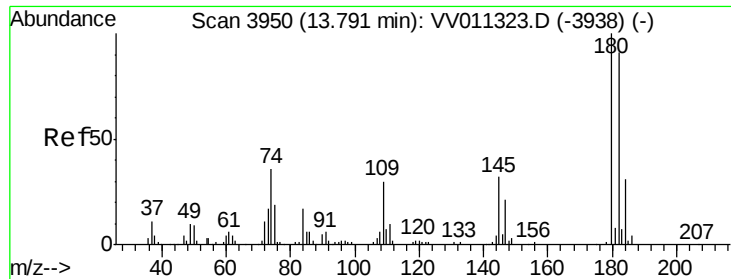
Tgt Ion:	43	Resp:	13050
Ion	Ratio	Lower	Upper
43	100		
58	23.8	41.4	62.0#
57	24.2	15.0	22.4#
100	0.3	9.0	13.4#



#69
Naphthalene
Concen: 0.119 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV011324.D
Acq: 08 Jun 2019 17:00

Tgt Ion:	128	Resp:	1733
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	11.8	10.5	15.7





#70
 1,2,3-Trichlorobenzene
 Concen: 0.070 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.01 min
 Lab File: VV011324.D
 Acq: 08 Jun 2019 17:00

Instrument :
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Tgt Ion:180 Resp: 558
 Ion Ratio Lower Upper
 180 100
 182 100.4 78.6 117.8
 145 24.4 26.9 40.3#

