

Data File : VV011346.D
Acq On : 10 Jun 2019 13:15
Operator : SY/MD
Sample : K3276-20RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB8F6RE

Quant Time: Jun 11 01:35:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 01:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154958	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58866	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.59	65	133	0.01	ug/L	0.28
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.20%#
7) Chloroethane-d5	1.55	69	38121	3.91	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.12	63	39649	1.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	33.80%#
20) 2-Butanone-d5	3.94	46	129827	49.11	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.22%
24) Chloroform-d	4.39	84	90155	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	51127	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.09	84	174366	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.11	67	54164	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.36	98	44874	1.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	23.00%#
43) trans-1,3-Dichloropropene-	7.66	79	10668	2.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	42.80%#
46) 2-Hexanone-d5	8.13	63	97905	46.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38933	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	52946	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

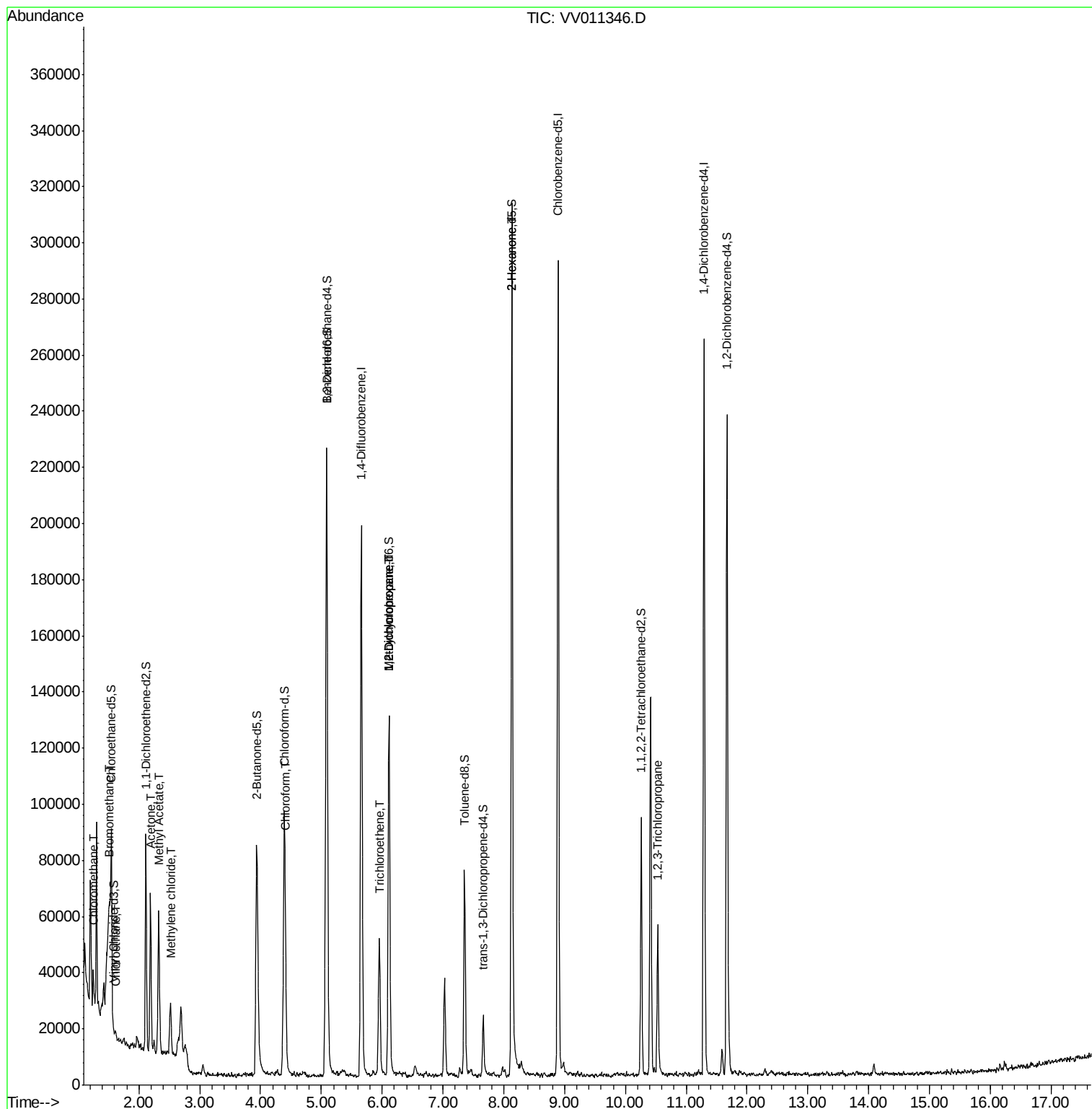
					Qvalue
3) Chloromethane	1.25	50	7774	0.526	ug/L 99
6) Bromomethane	1.51	94	2218	0.299	ug/L 91
8) Chloroethane	1.61	64	939	0.103	ug/L # 66
13) Acetone	2.19	43	53326	30.087	ug/L 99
15) Methyl Acetate	2.32	43	13633	2.896	ug/L # 53
16) Methylene chloride	2.52	84	1896	0.188	ug/L 83
25) Chloroform	4.41	83	5367	0.241	ug/L 85
34) Trichloroethene	5.96	95	15674	1.346	ug/L 97
35) Methylcyclohexane	6.11	83	13359	0.694	ug/L # 16
37) 1,2-Dichloropropane	6.11	63	7186	0.641	ug/L # 87
48) 2-Hexanone	8.13	43	14274	2.865	ug/L # 70
59) 1,2,3-Trichloropropane	10.53	75	1066	0.163	ug/L 89

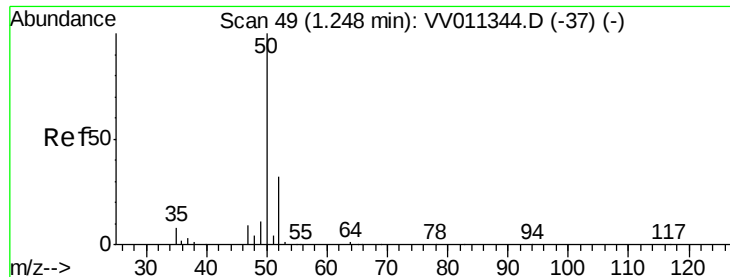
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.526 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011346.D

Acq: 10 Jun 2019 13:15

Instrument :

MSVOA_V

ClientSampleId :

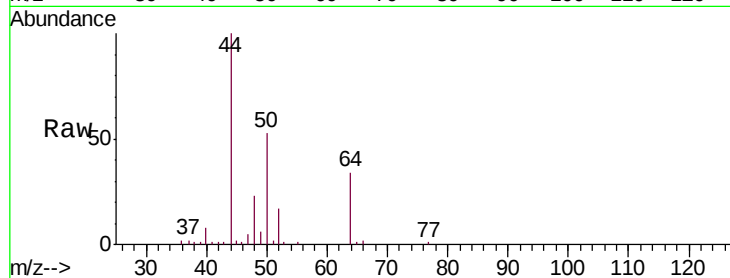
DB8F6RE

Tgt Ion: 50 Resp: 7774

Ion Ratio Lower Upper

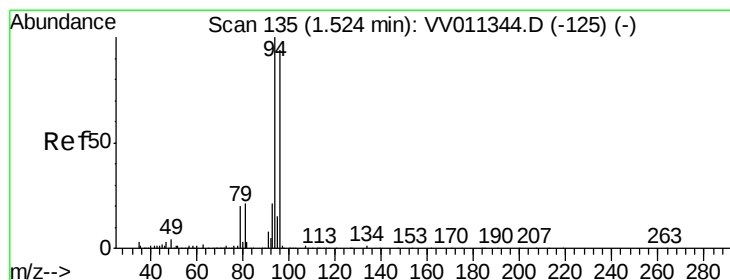
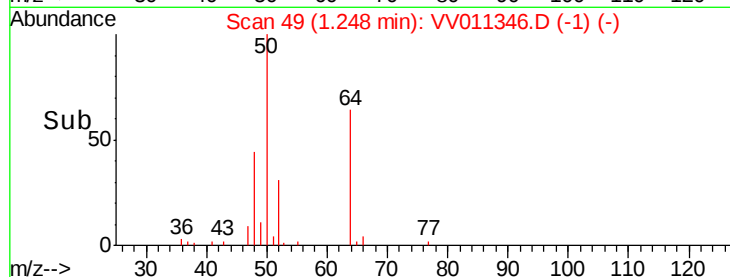
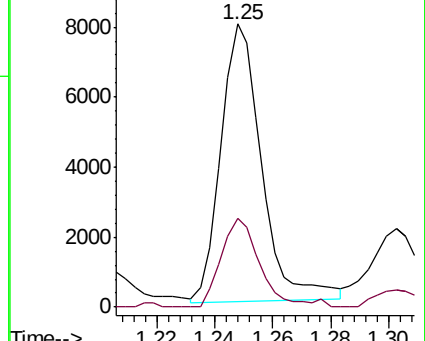
50 100

52 31.3 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.299 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.02 min

Lab File: VV011346.D

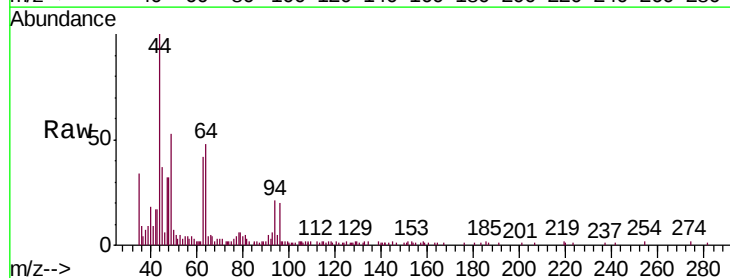
Acq: 10 Jun 2019 13:15

Tgt Ion: 94 Resp: 2218

Ion Ratio Lower Upper

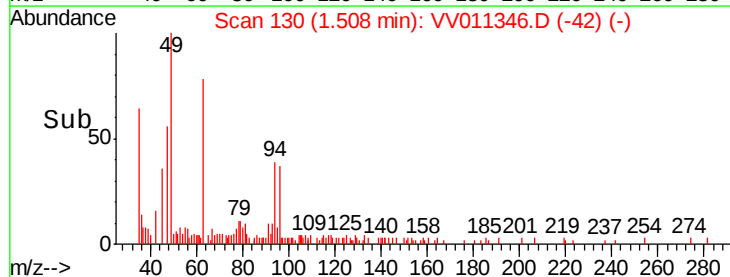
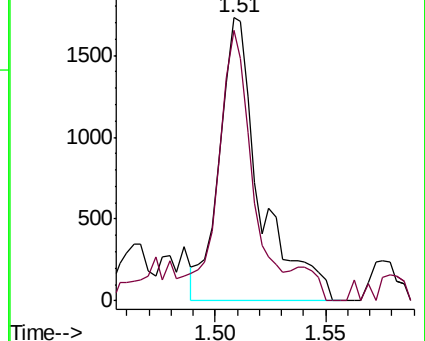
94 100

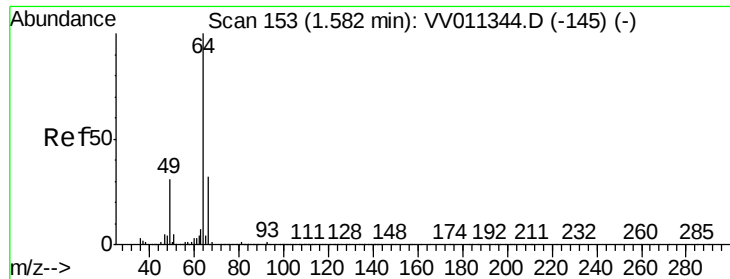
96 104.5 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

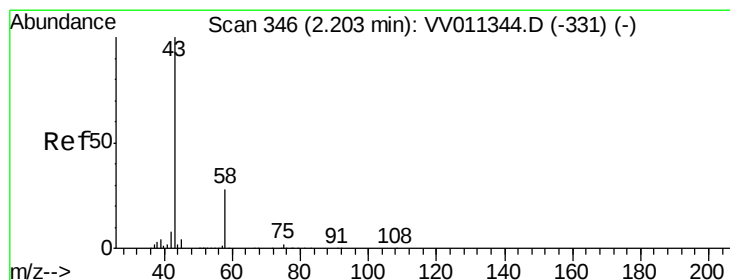
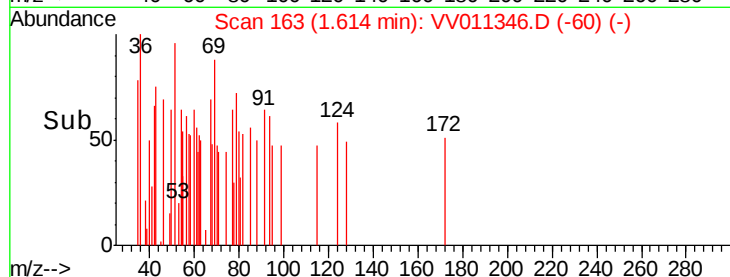
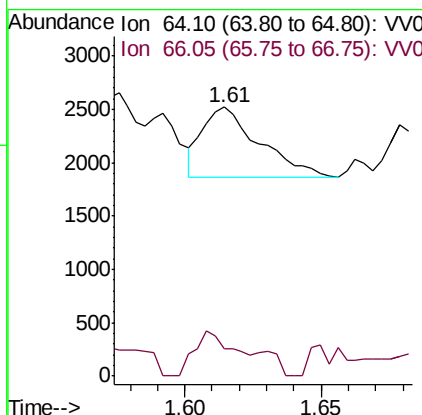
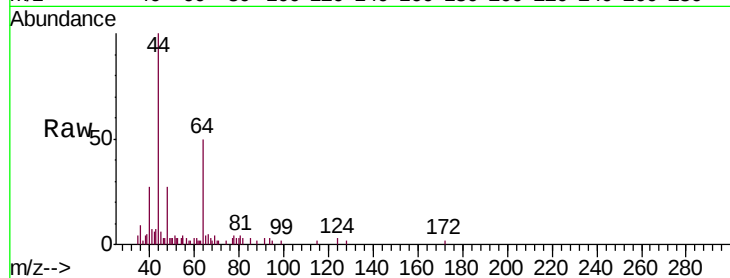




#8
Chloroethane
Concen: 0.103 ug/L
RT: 1.61 min Scan# 163
Delta R.T. 0.03 min
Lab File: VV011346.D
Acq: 10 Jun 2019 13:15

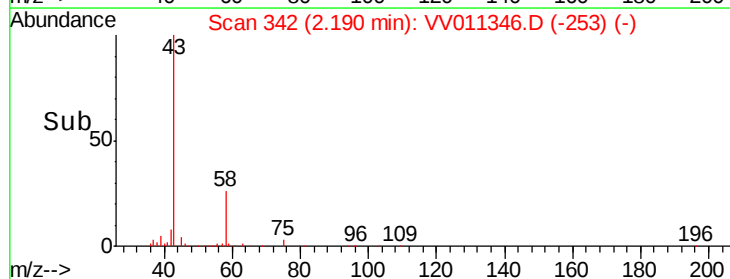
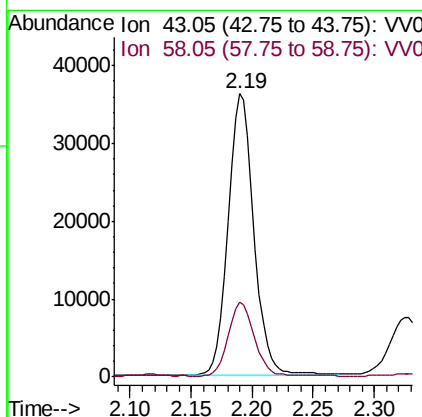
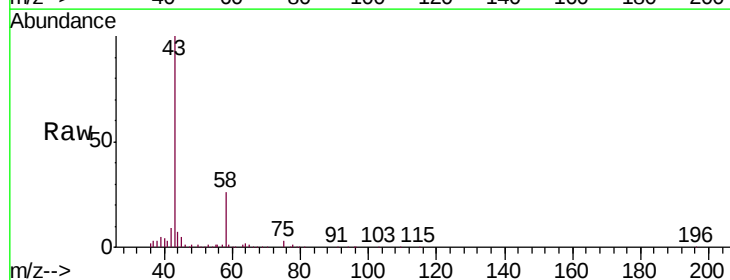
Instrument :
MSVOA_V
ClientSampleId :
DB8F6RE

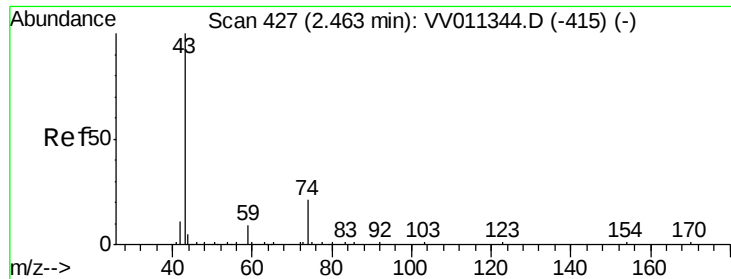
Tgt Ion: 64 Resp: 939
Ion Ratio Lower Upper
64 100
66 10.0 19.4 36.0#



#13
Acetone
Concen: 30.087 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV011346.D
Acq: 10 Jun 2019 13:15

Tgt Ion: 43 Resp: 53326
Ion Ratio Lower Upper
43 100
58 27.1 0.0 55.2





#15

Methyl Acetate

Concen: 2.896 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.14 min

Lab File: VV011346.D

Acq: 10 Jun 2019 13:15

Instrument :

MSVOA_V

ClientSampleId :

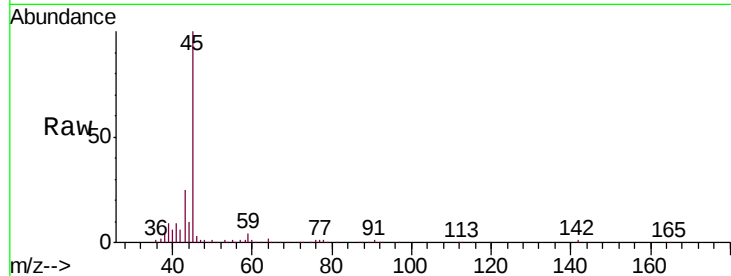
DB8F6RE

Tgt Ion: 43 Resp: 13633

Ion Ratio Lower Upper

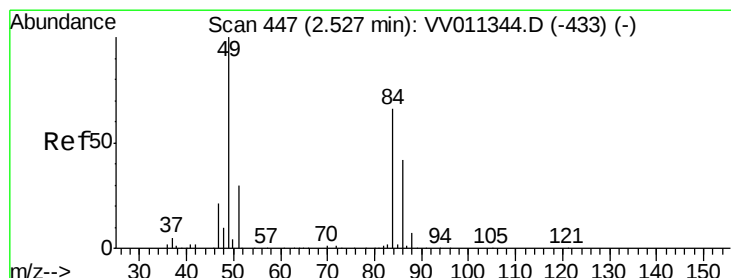
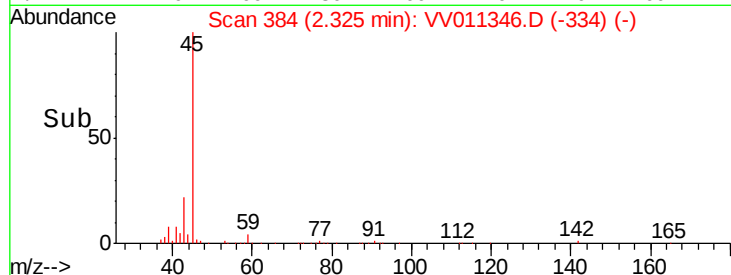
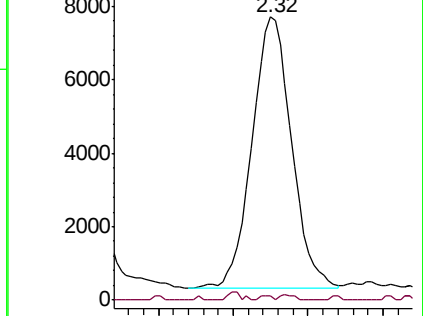
43 100

74 0.5 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.188 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV011346.D

Acq: 10 Jun 2019 13:15

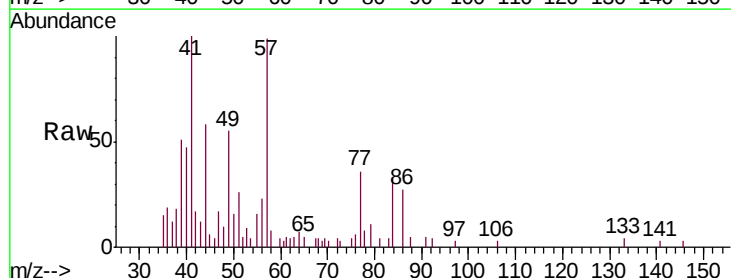
Tgt Ion: 84 Resp: 1896

Ion Ratio Lower Upper

84 100

86 81.4 44.9 83.3

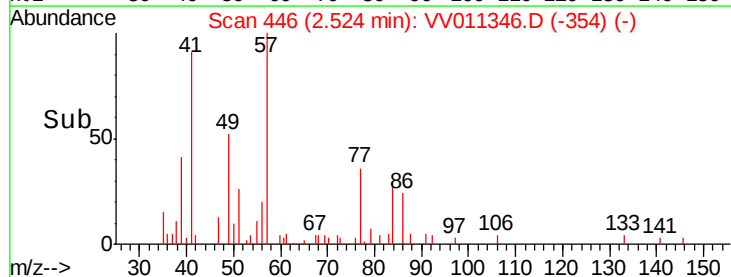
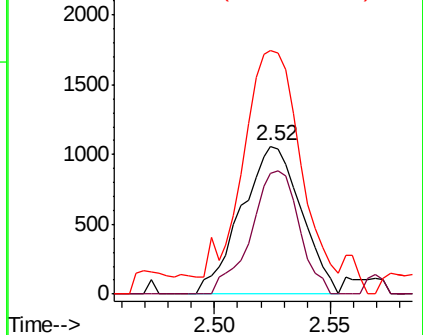
49 164.8 102.1 189.5

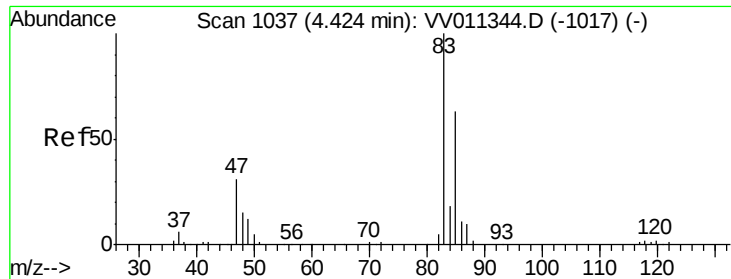


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

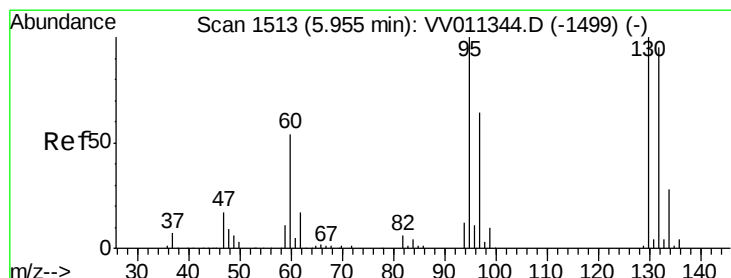
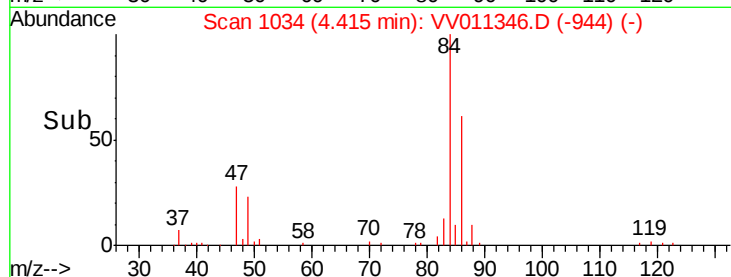
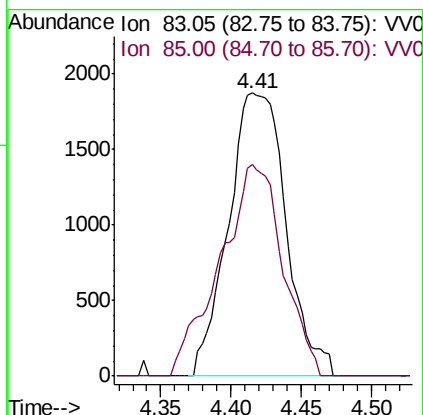
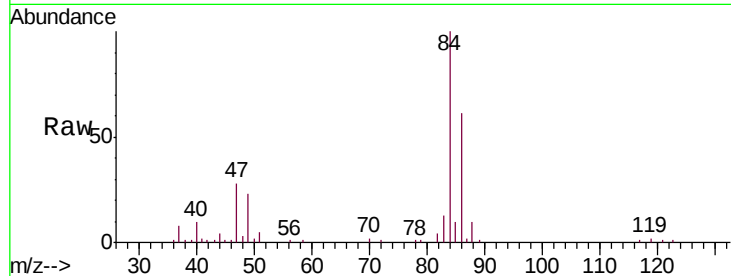




#25
Chloroform
Concen: 0.241 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV011346.D
Acq: 10 Jun 2019 13:15

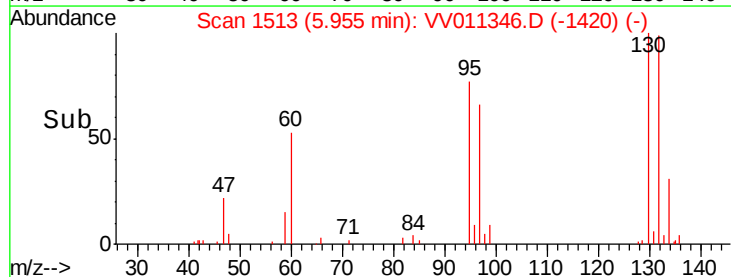
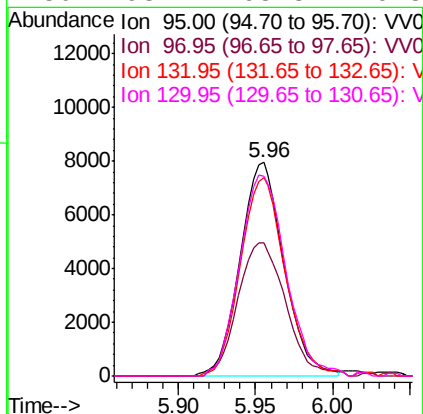
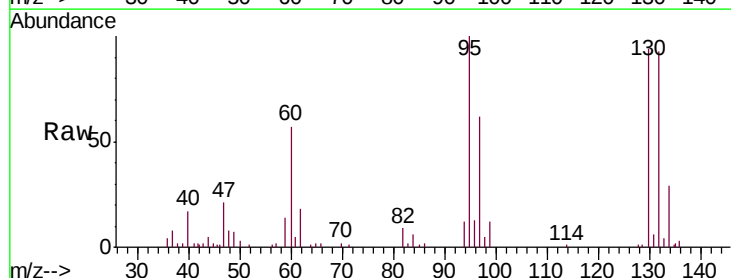
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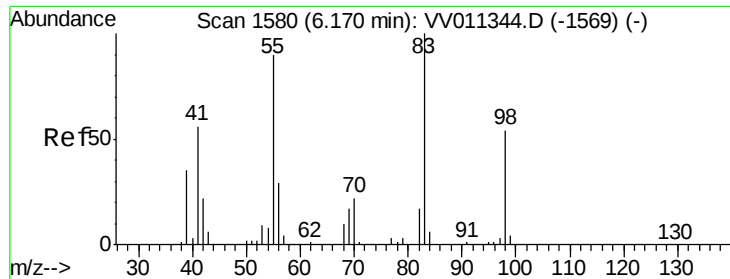
Tgt Ion: 83 Resp: 5367
Ion Ratio Lower Upper
83 100
85 74.7 44.1 81.9



#34
Trichloroethene
Concen: 1.346 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011346.D
Acq: 10 Jun 2019 13:15

Tgt Ion: 95 Resp: 15674
Ion Ratio Lower Upper
95 100
97 62.2 45.8 85.2
132 92.9 66.4 123.2
130 93.7 68.3 126.8

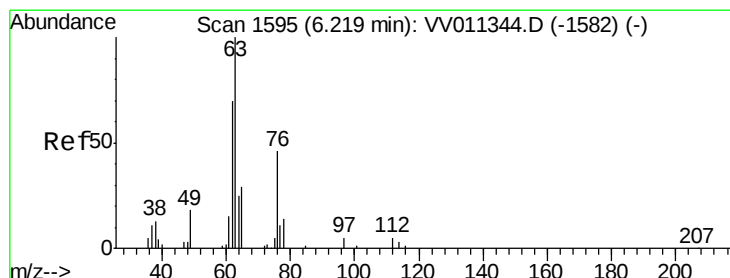
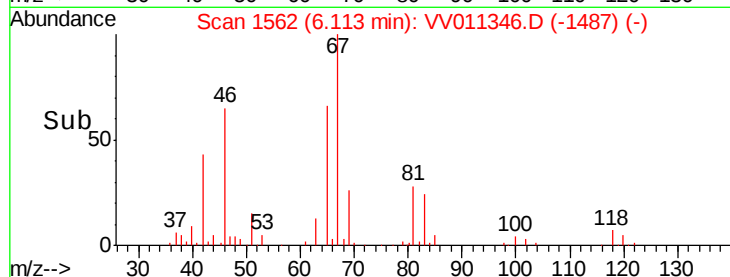
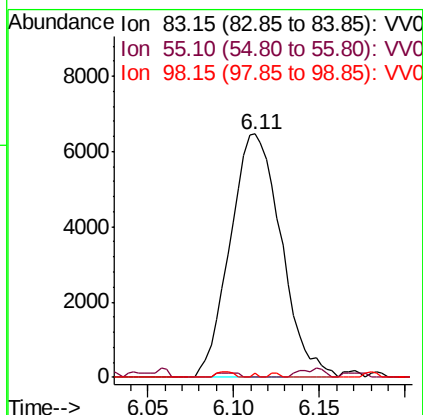
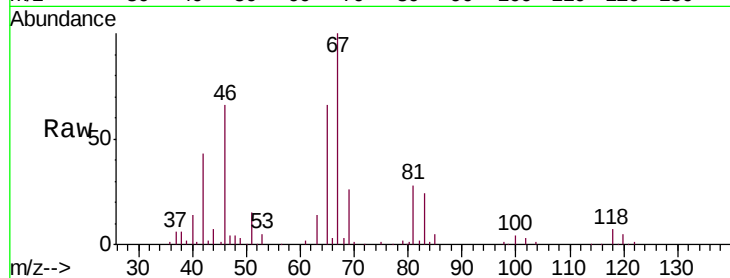




#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011346.D
Acq: 10 Jun 2019 13:15

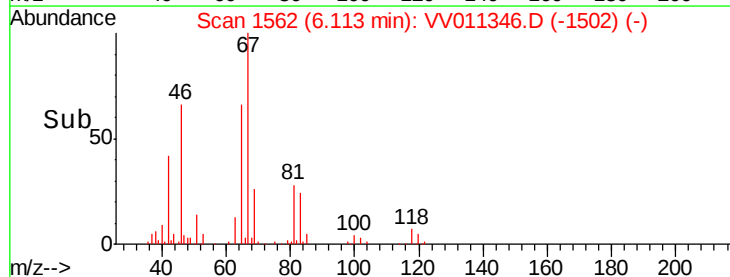
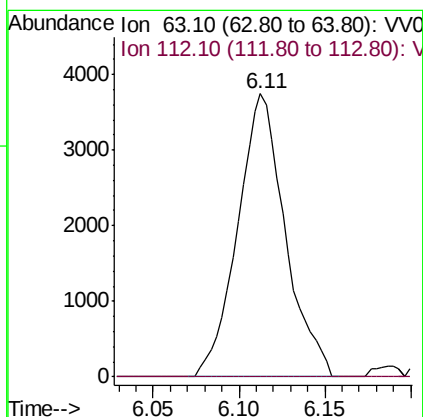
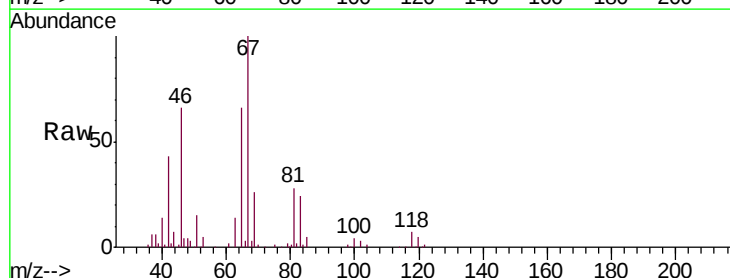
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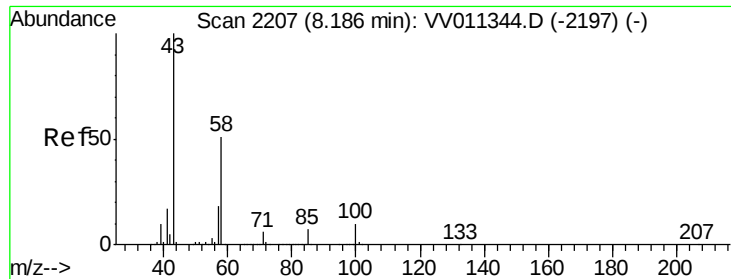
Tgt Ion: 83 Resp: 13359
Ion Ratio Lower Upper
83 100
55 1.7 67.0 100.6#
98 0.4 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011346.D
Acq: 10 Jun 2019 13:15

Tgt Ion: 63 Resp: 7186
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#

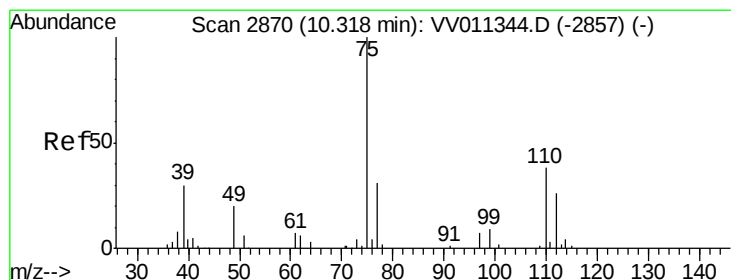
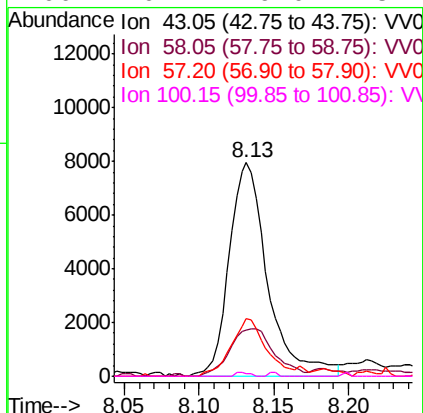
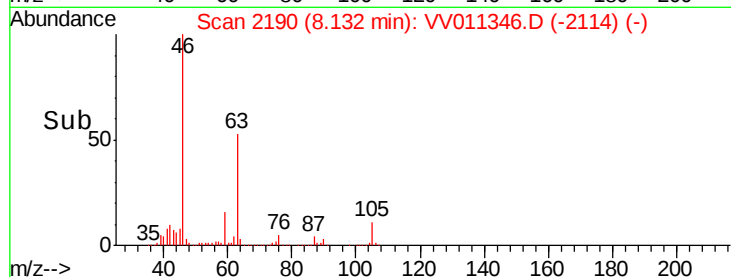
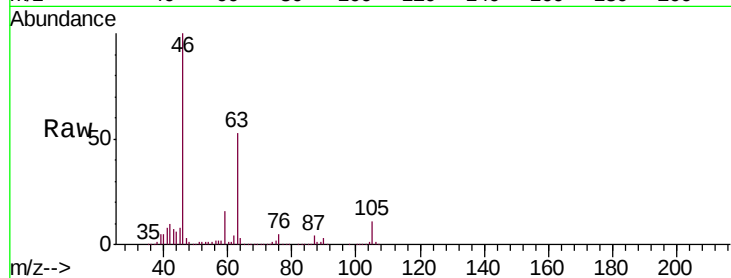




#48
 2-Hexanone
 Concen: 2.865 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV011346.D
 Acq: 10 Jun 2019 13:15

Instrument :
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 ClientSampleId :
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Tgt Ion: 43 Resp: 14274
 Ion Ratio Lower Upper
 43 100
 58 25.4 41.4 62.0#
 57 24.4 15.0 22.4#
 100 0.7 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.163 ug/L
 RT: 10.53 min Scan# 2937
 Delta R.T. 0.22 min
 Lab File: VV011346.D
 Acq: 10 Jun 2019 13:15

Tgt Ion: 75 Resp: 1066
 Ion Ratio Lower Upper
 75 100
 77 39.7 26.7 40.1

