

Data File : VV011416.D
Acq On : 12 Jun 2019 11:37
Operator : SY/MD
Sample : K3286-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JQ4

Quant Time: Jun 13 01:16:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 13 01:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136563	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30129	2.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.20%
7) Chloroethane-d5	1.55	69	29822	3.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.40%
11) 1,1-Dichloroethene-d2	2.11	63	52128	2.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	3.95	46	133500	57.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.60%
24) Chloroform-d	4.39	84	78380	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.08	65	43678	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.08	84	141207	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.80%
36) 1,2-Dichloropropane-d6	6.11	67	46313	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.60%
41) Toluene-d8	7.35	98	119651	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	7.66	79	11841	2.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.60%#
46) 2-Hexanone-d5	8.14	63	85022	44.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36645	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	42632	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

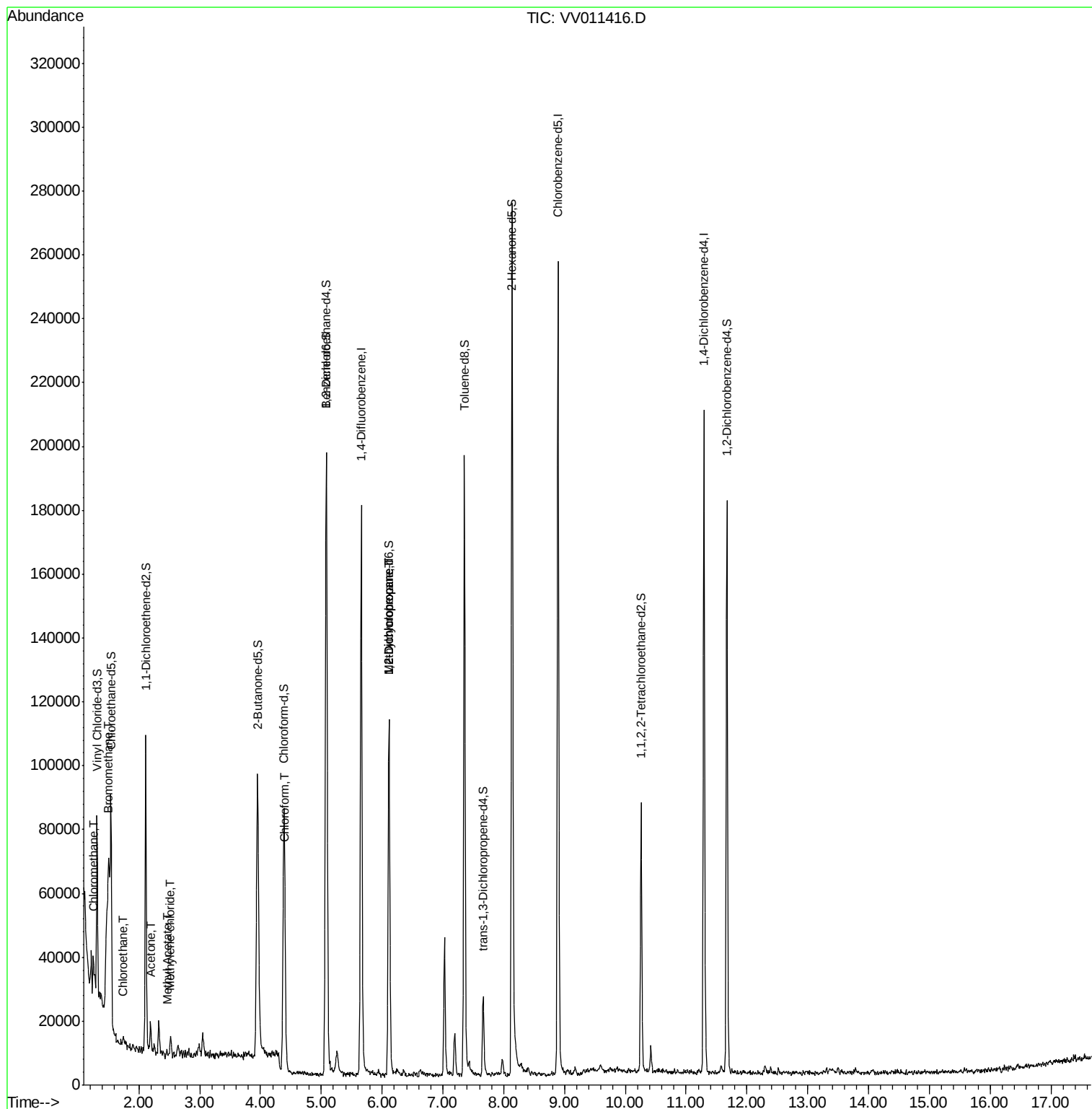
					Qvalue
3) Chloromethane	1.25	50	6851	0.526 ug/L	96
6) Bromomethane	1.50	94	3327	0.509 ug/L	100
8) Chloroethane	1.72	64	841	0.105 ug/L #	68
13) Acetone	2.19	43	4434	2.839 ug/L	98
15) Methyl Acetate	2.45	43	1441	0.347 ug/L	96
16) Methylene chloride	2.52	84	1978	0.223 ug/L	88
25) Chloroform	4.41	83	2787	0.142 ug/L #	72
35) Methylcyclohexane	6.12	83	11391	0.654 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6065	0.598 ug/L #	88

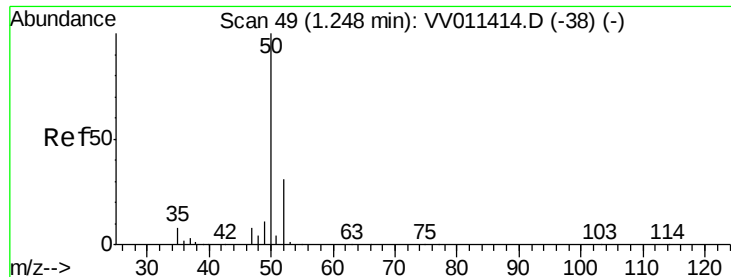
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.526 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_V

ClientSampleId :

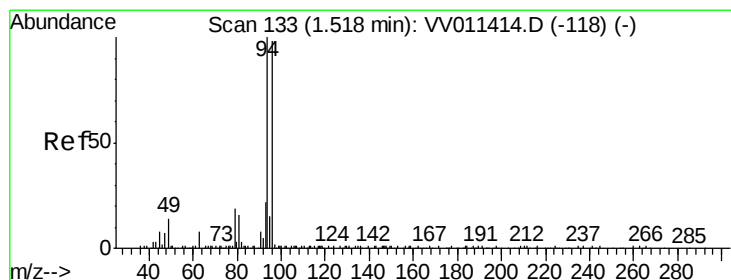
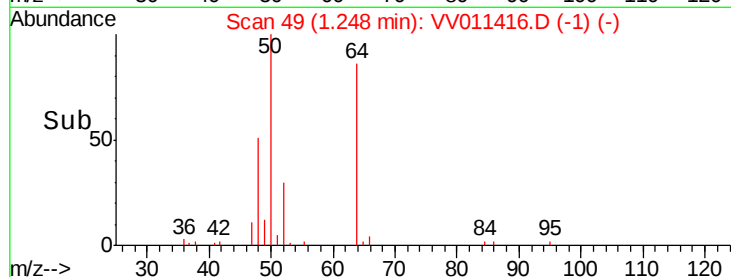
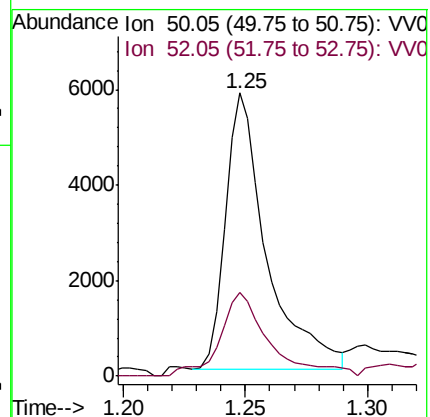
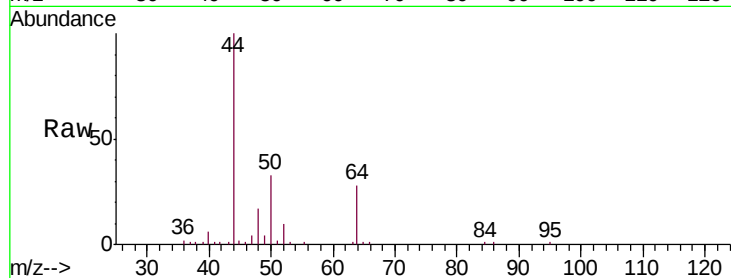
C0JQ4

Tgt Ion: 50 Resp: 6851

Ion Ratio Lower Upper

50 100

52 29.6 22.3 41.5



#6

Bromomethane

Concen: 0.509 ug/L

RT: 1.50 min Scan# 129

Delta R.T. -0.01 min

Lab File: VV011416.D

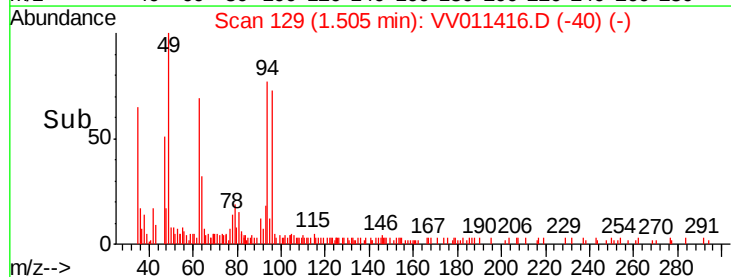
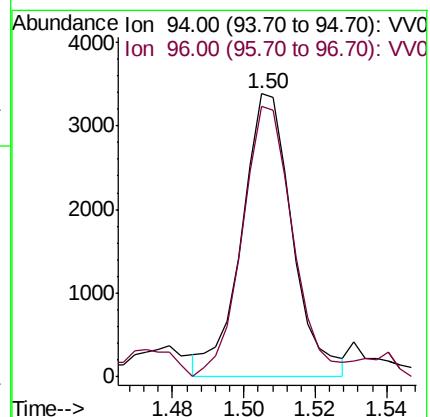
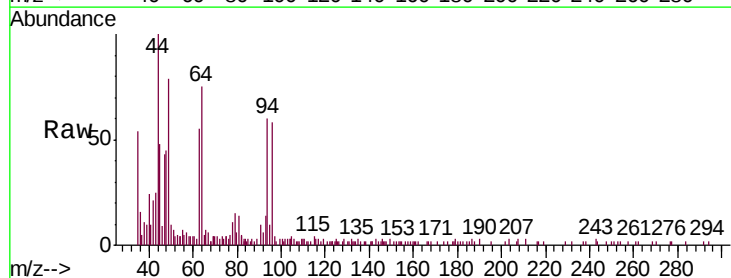
Acq: 12 Jun 2019 11:37

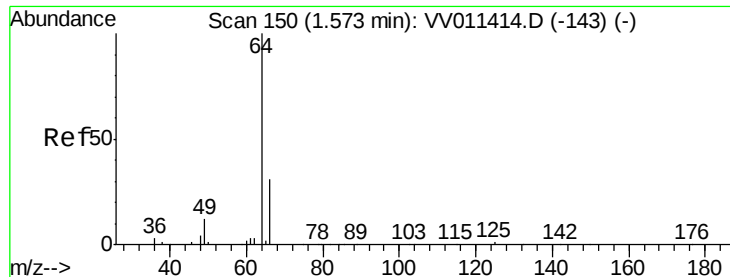
Tgt Ion: 94 Resp: 3327

Ion Ratio Lower Upper

94 100

96 95.5 67.0 124.4





#8

Chloroethane

Concen: 0.105 ug/L

RT: 1.72 min Scan# 197

Delta R.T. 0.15 min

Lab File: VV011416.D

Acq: 12 Jun 2019 11:37

Instrument :

MSVOA_V

ClientSampleId :

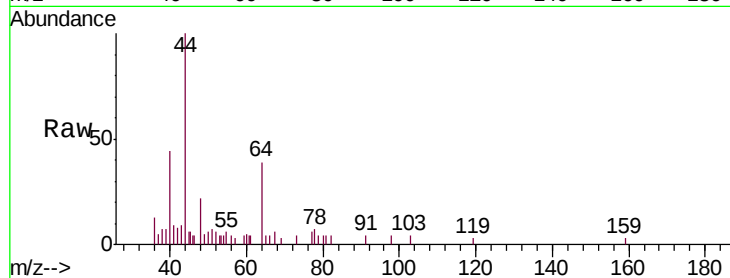
C0JQ4

Tgt Ion: 64 Resp: 841

Ion Ratio Lower Upper

64 100

66 11.0 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.72

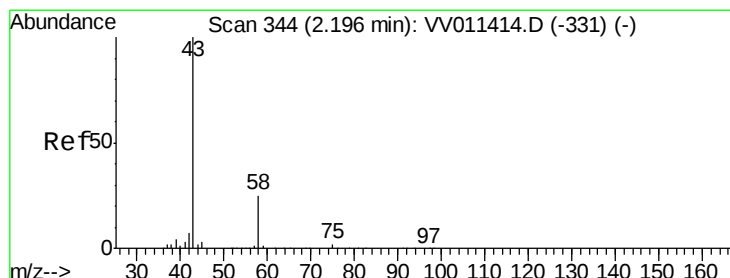
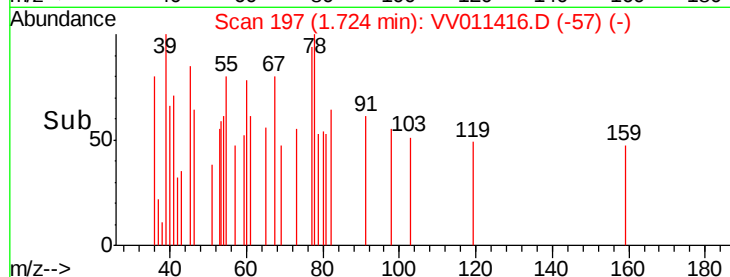
1000

500

0

1.70 1.75 1.80

Time-->



#13

Acetone

Concen: 2.839 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV011416.D

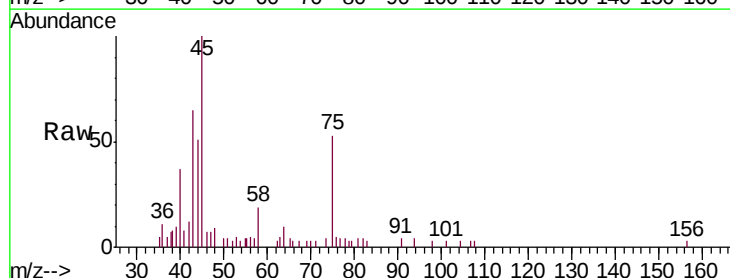
Acq: 12 Jun 2019 11:37

Tgt Ion: 43 Resp: 4434

Ion Ratio Lower Upper

43 100

58 28.8 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

2500

2000

1500

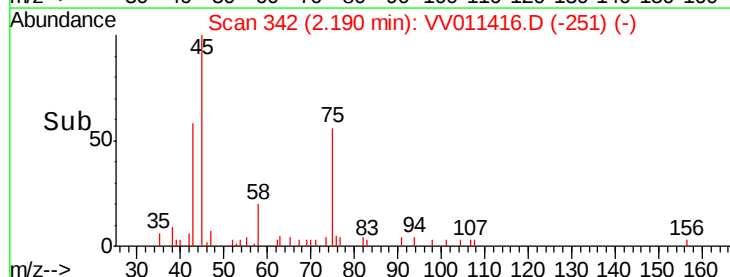
1000

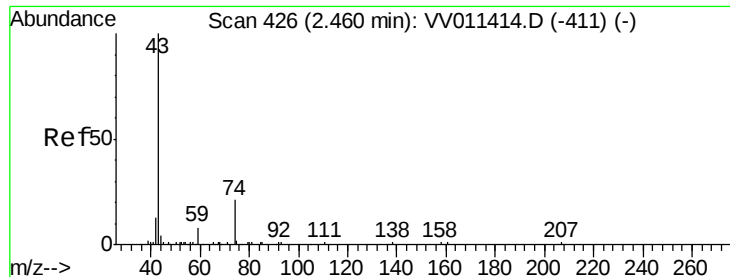
500

0

2.10 2.15 2.20 2.25

Time-->

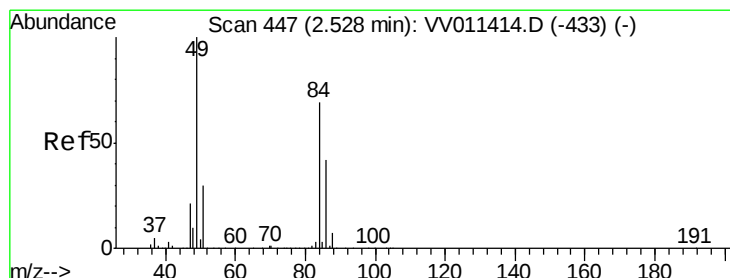
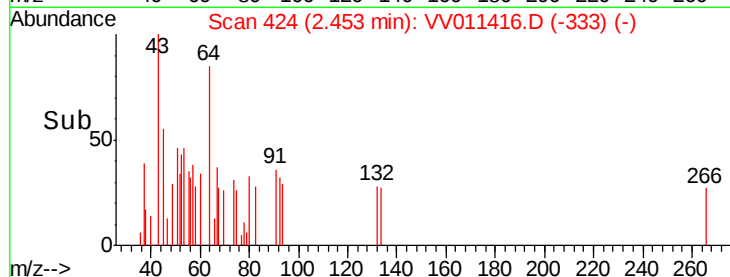
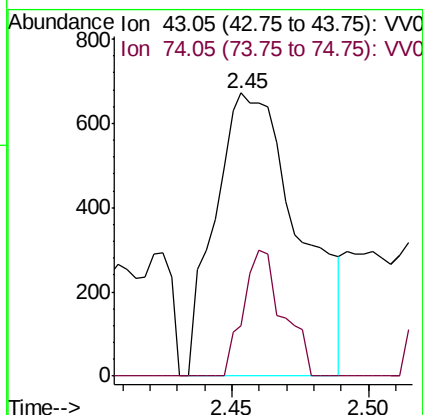
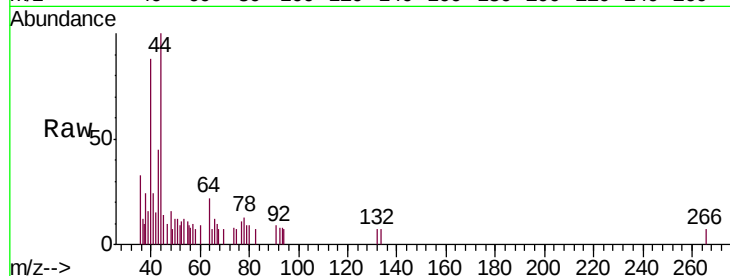




#15
Methyl Acetate
Concen: 0.347 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.01 min
Lab File: VV011416.D
Acq: 12 Jun 2019 11:37

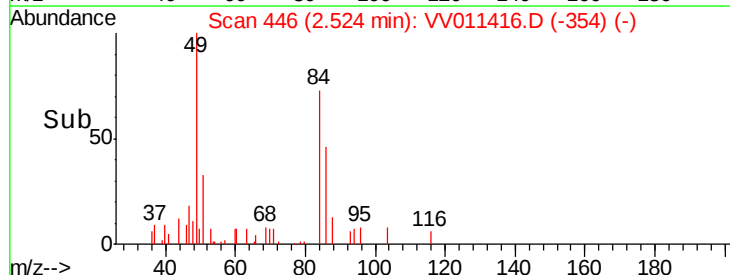
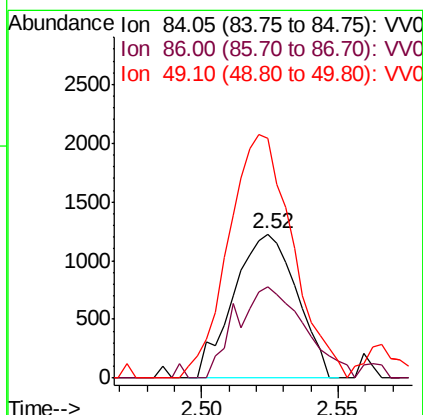
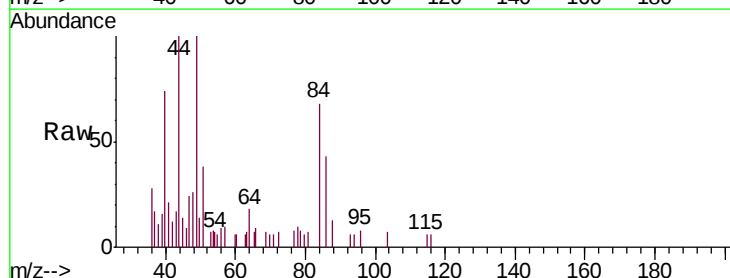
Instrument :
MSVOA_V
ClientSampled :
C0JQ4

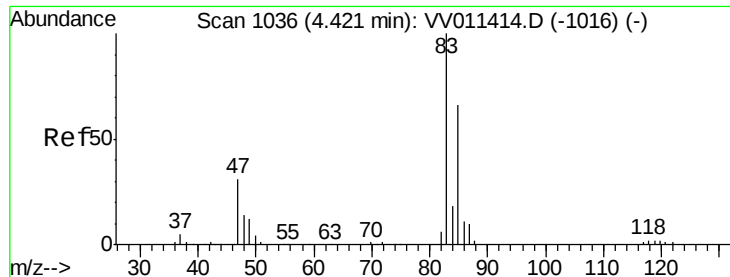
Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
74 21.0 18.5 27.7



#16
Methylene chloride
Concen: 0.223 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011416.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 84 Resp: 1978
Ion Ratio Lower Upper
84 100
86 63.1 44.9 83.3
49 166.4 102.1 189.5

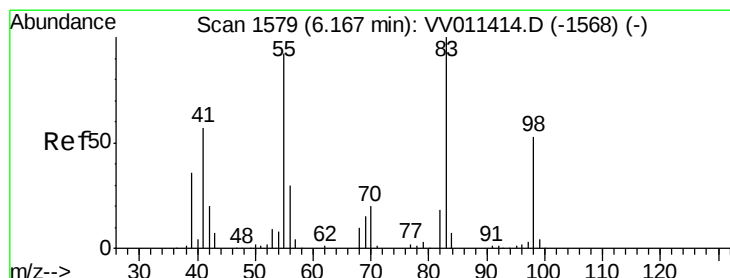
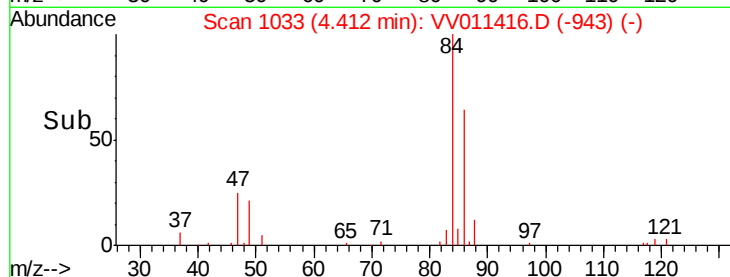
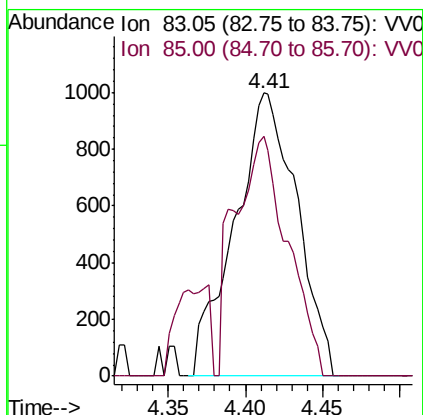
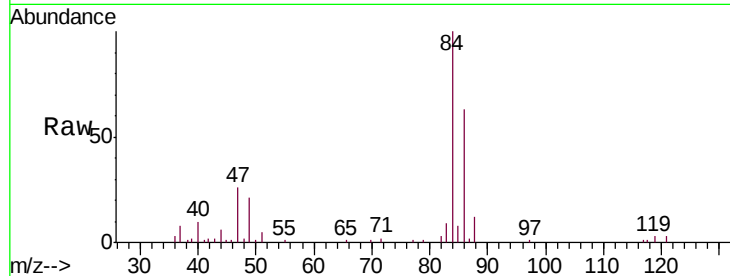




#25
Chloroform
Concen: 0.142 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VV011416.D
Acq: 12 Jun 2019 11:37

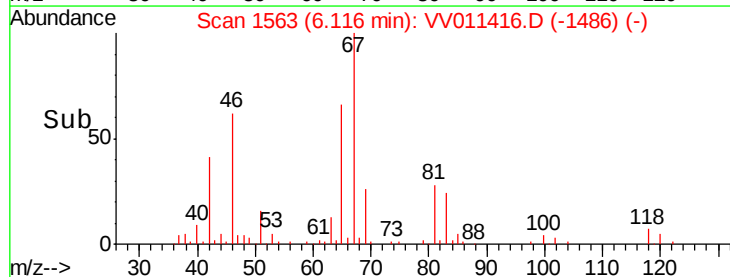
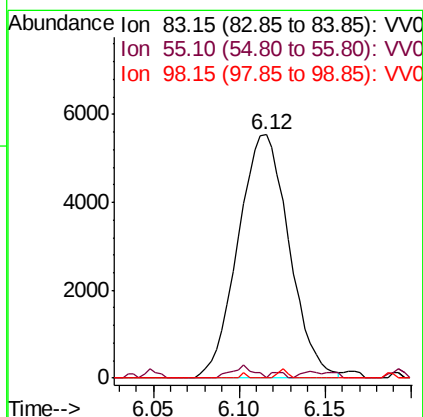
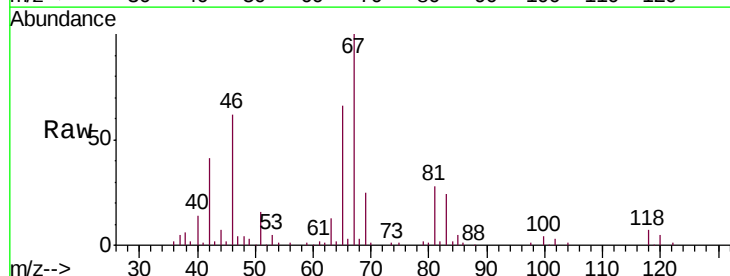
Instrument :
MSVOA_V
ClientSampled :
C0JQ4

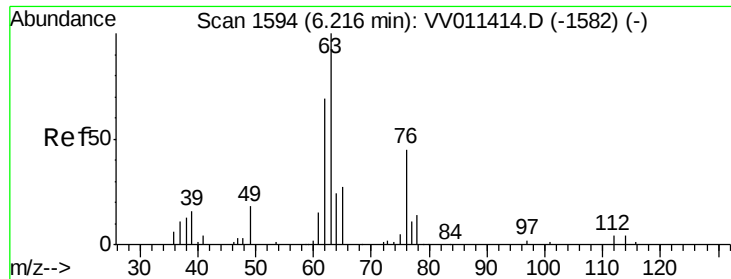
Tgt Ion: 83 Resp: 2787
Ion Ratio Lower Upper
83 100
85 84.8 44.1 81.9#



#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011416.D
Acq: 12 Jun 2019 11:37

Tgt Ion: 83 Resp: 11391
Ion Ratio Lower Upper
83 100
55 0.6 67.0 100.6#
98 0.7 40.0 60.0#





#37
 1,2-Dichloropropane
 Concen: 0.598 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011416.D
 Acq: 12 Jun 2019 11:37

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JQ4

Tgt Ion: 63 Resp: 6065
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.6 5.4#

