

Data File : VV011593.D
Acq On : 19 Jun 2019 00:15
Operator : SY/MD
Sample : K3386-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM79

Quant Time: Jun 19 07:53:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173507	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59150	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40648	3.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.00%
7) Chloroethane-d5	1.58	69	33812	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.12	63	68399	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	3.97	46	188943	51.26	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.52%
24) Chloroform-d	4.40	84	109753	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	67590	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	208174	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	68898	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	167175	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.67	79	18926	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.14	63	136909	47.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50548	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	57588	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	8327	0.497 ug/L	100
8) Chloroethane	1.32	64	655	0.082 ug/L	83
12) 1,1-Dichloroethene	2.13	96	3239	0.300 ug/L #	1
13) Acetone	2.23	43	5107	2.056 ug/L	73
15) Methyl Acetate	2.48	43	20953	3.182 ug/L #	57
22) cis-1,2-Dichloroethene	3.95	96	1605	0.116 ug/L	71
25) Chloroform	4.43	83	3969	0.157 ug/L	98
34) Trichloroethene	5.96	95	45180	3.415 ug/L	95
35) Methylcyclohexane	6.12	83	16892	0.896 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	8782	0.636 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1719	0.099 ug/L #	51

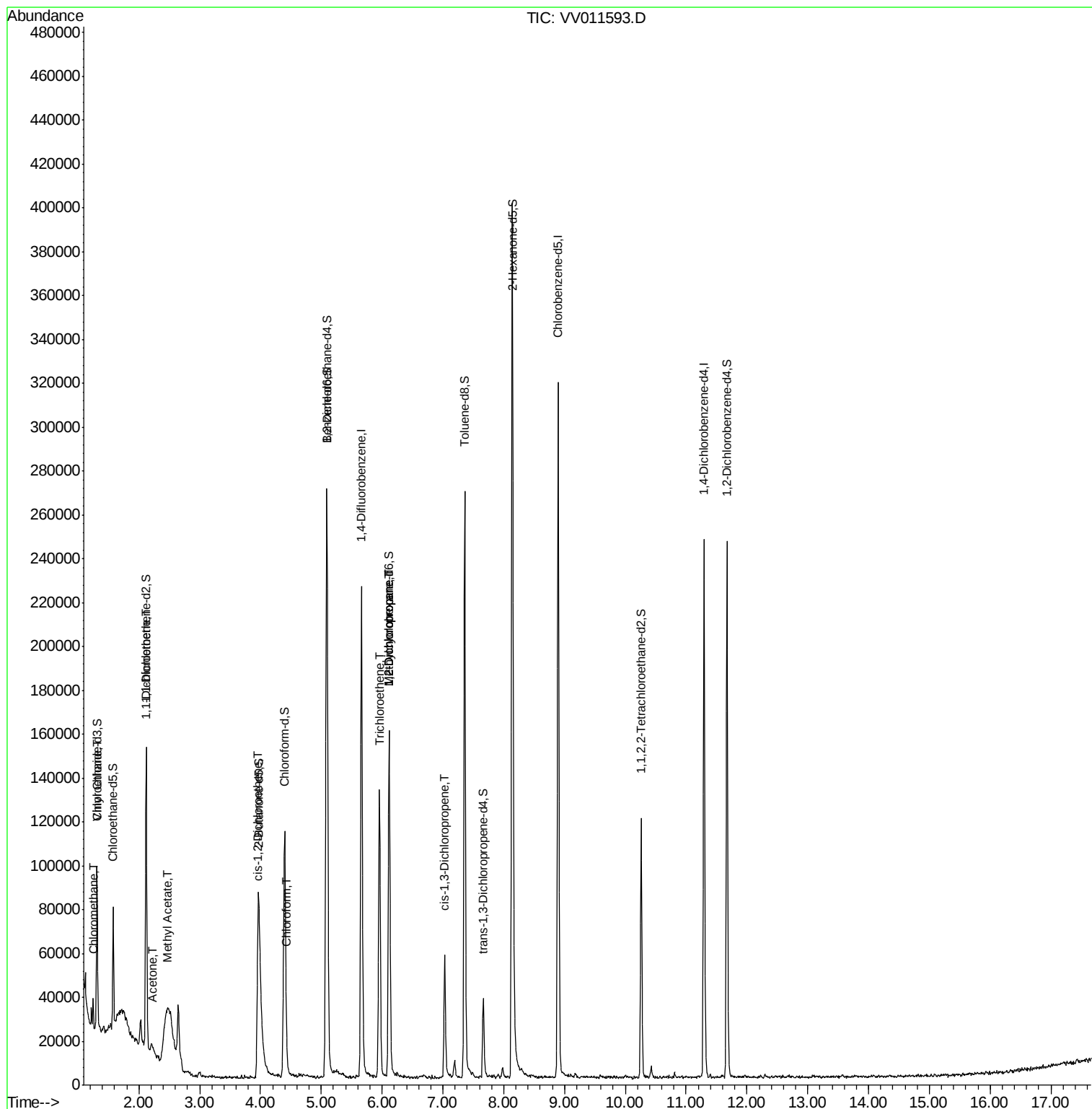
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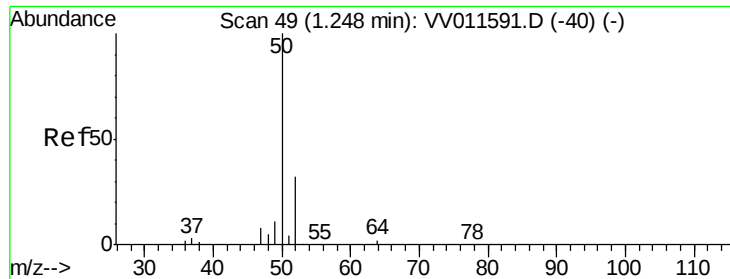
Data File : VV011593.D

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C0M79

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.497 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011593.D

Acq: 19 Jun 2019 00:15

Instrument :

MSVOA_V

ClientSampleId :

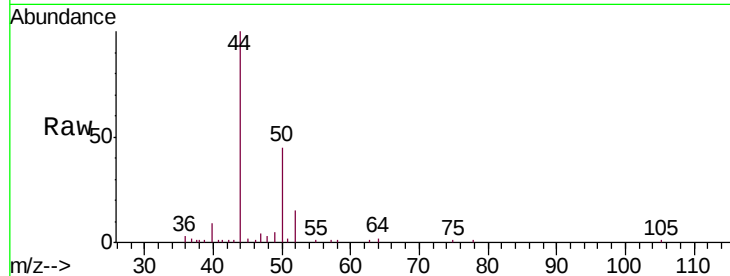
COM79

Tgt Ion: 50 Resp: 8327

Ion Ratio Lower Upper

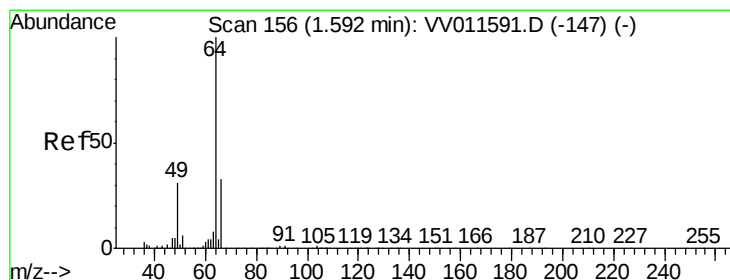
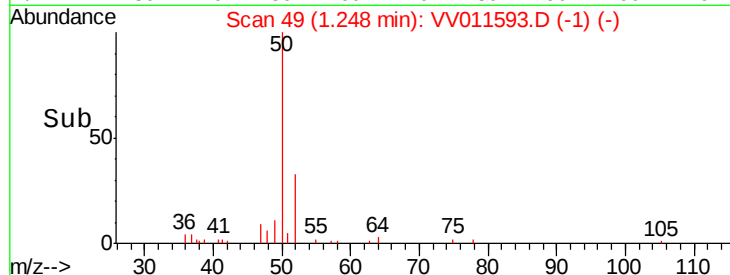
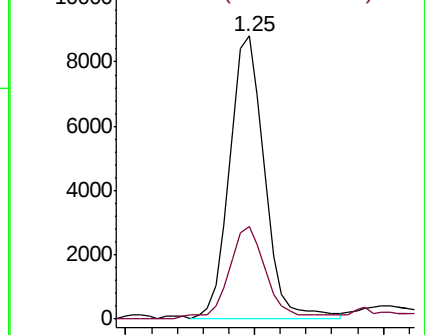
50 100

52 32.6 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.082 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV011593.D

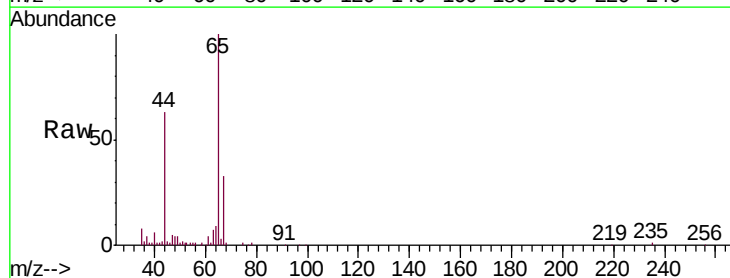
Acq: 19 Jun 2019 00:15

Tgt Ion: 64 Resp: 655

Ion Ratio Lower Upper

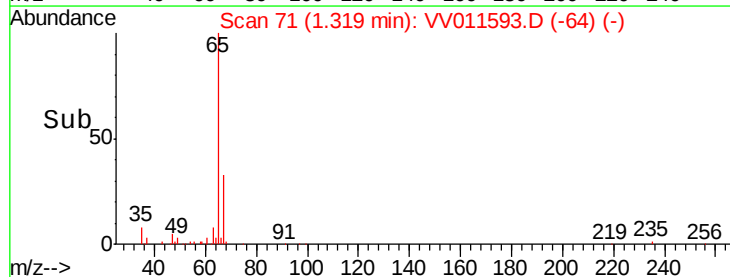
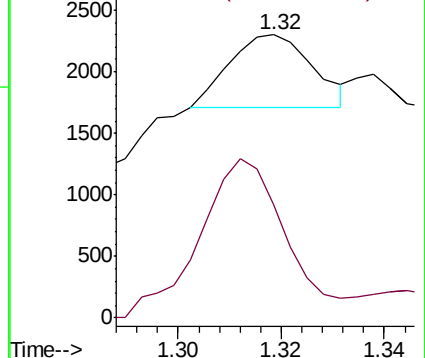
64 100

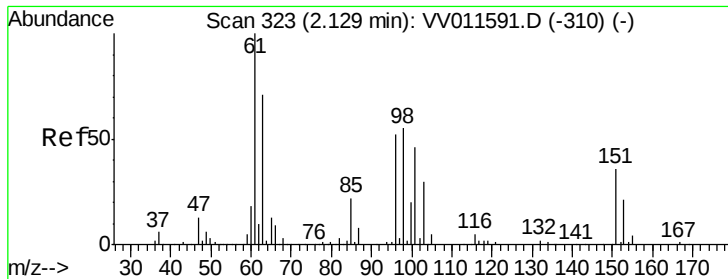
66 40.0 21.6 40.2



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

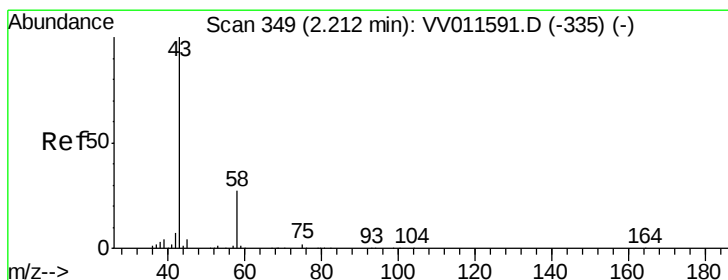
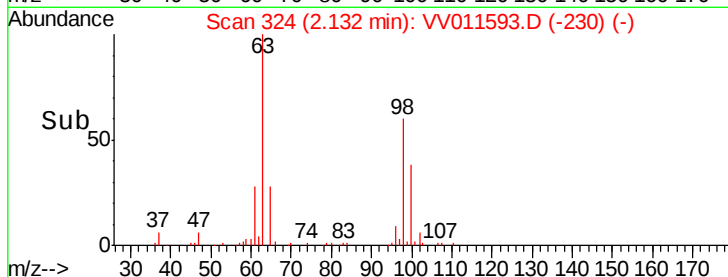
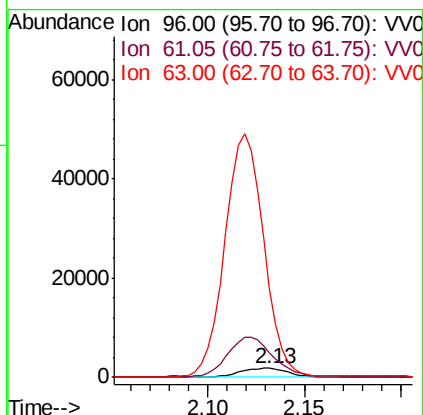
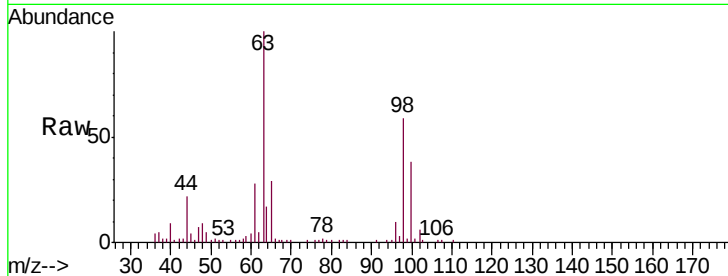




#12
 1,1-Dichloroethene
 Concen: 0.300 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV011593.D
 Acq: 19 Jun 2019 00:15

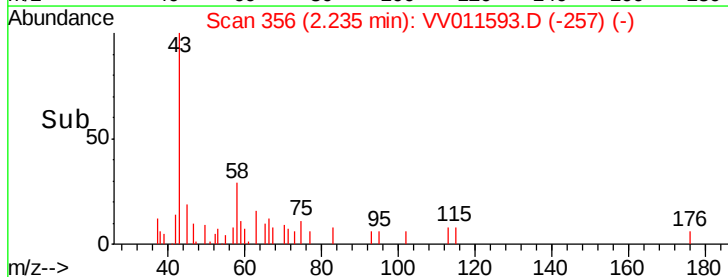
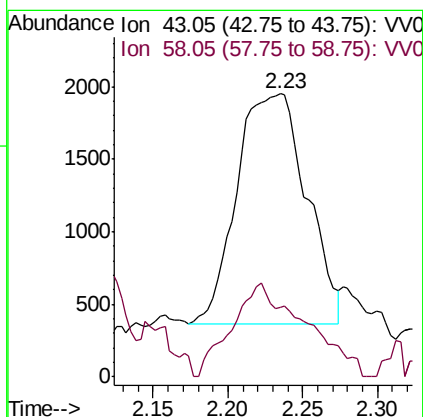
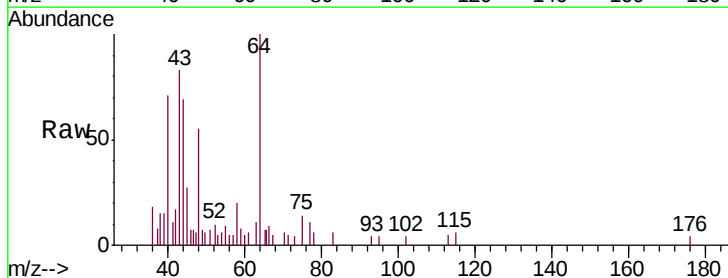
Instrument :
 MSVOA_V
 ClientSampleId :
 COM79

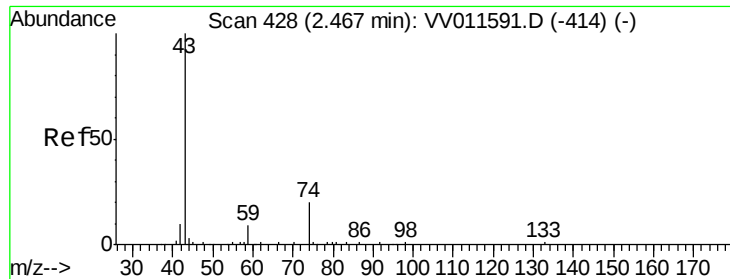
Tgt Ion: 96 Resp: 3239
 Ion Ratio Lower Upper
 96 100
 61 279.6 135.9 252.5#
 63 996.7 86.2 160.2#



#13
 Acetone
 Concen: 2.056 ug/L
 RT: 2.23 min Scan# 356
 Delta R.T. 0.02 min
 Lab File: VV011593.D
 Acq: 19 Jun 2019 00:15

Tgt Ion: 43 Resp: 5107
 Ion Ratio Lower Upper
 43 100
 58 43.4 0.0 57.8

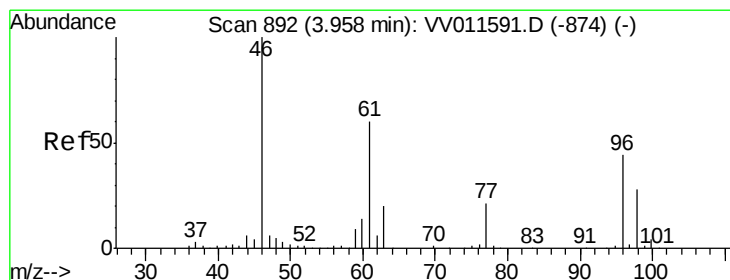
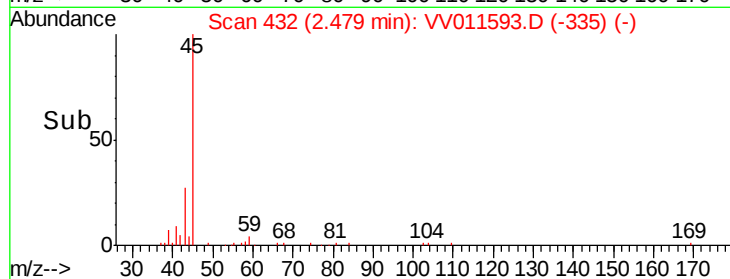
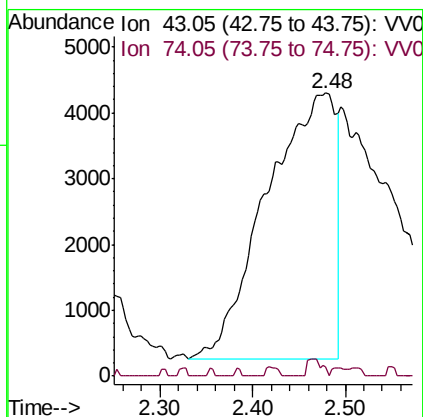
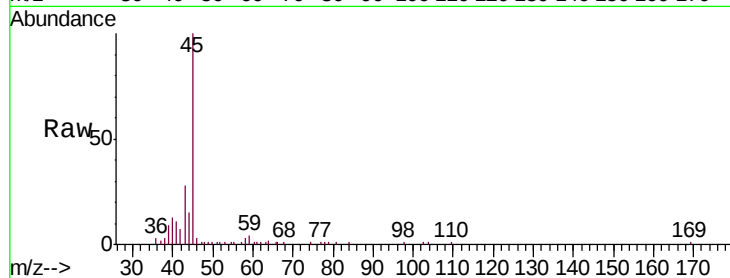




#15
Methyl Acetate
Concen: 3.182 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.01 min
Lab File: VV011593.D
Acq: 19 Jun 2019 00:15

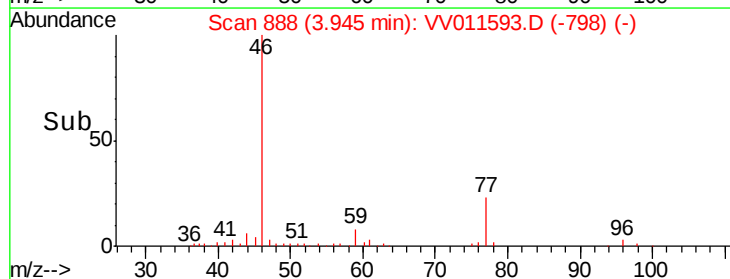
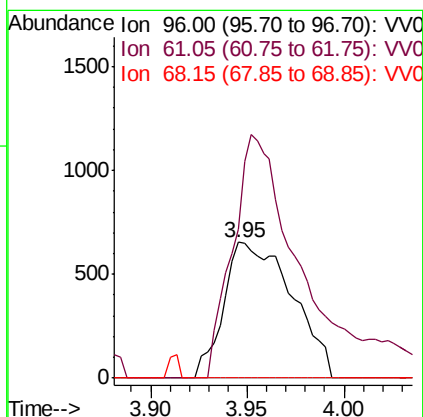
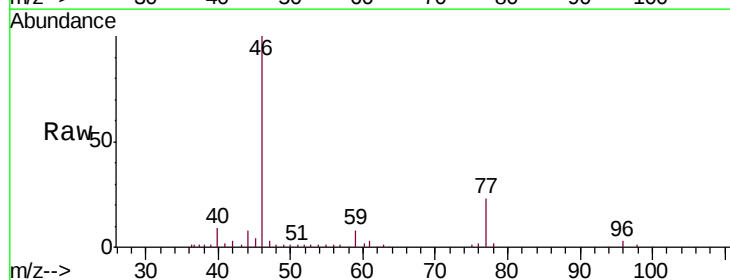
Instrument :
MSVOA_V
ClientSampleId :
COM79

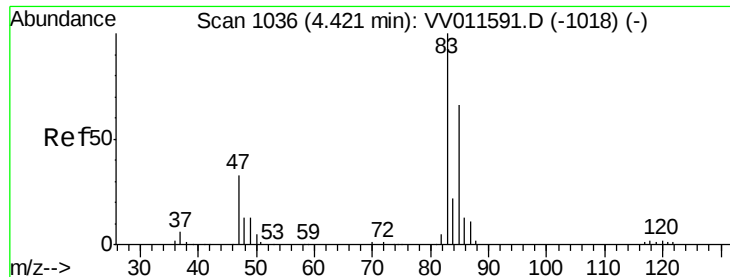
Tgt Ion: 43 Resp: 20953
Ion Ratio Lower Upper
43 100
74 0.6 16.5 24.7#



#22
cis-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 3.95 min Scan# 888
Delta R.T. -0.01 min
Lab File: VV011593.D
Acq: 19 Jun 2019 00:15

Tgt Ion: 96 Resp: 1605
Ion Ratio Lower Upper
96 100
61 110.1 102.2 189.8
68 0.0 0.0 0.0

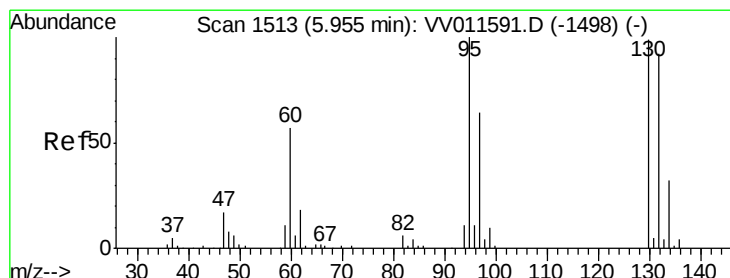
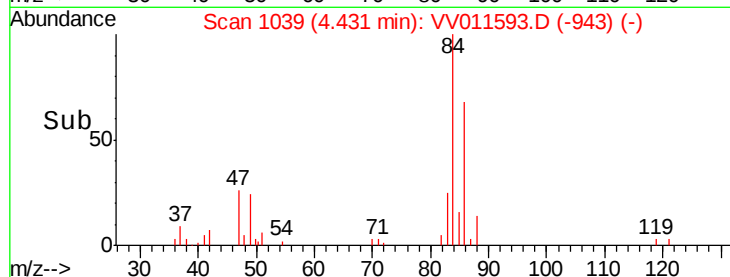
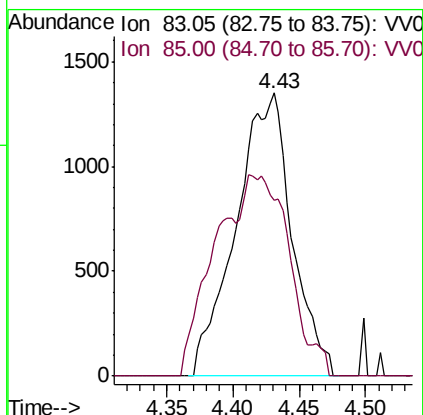
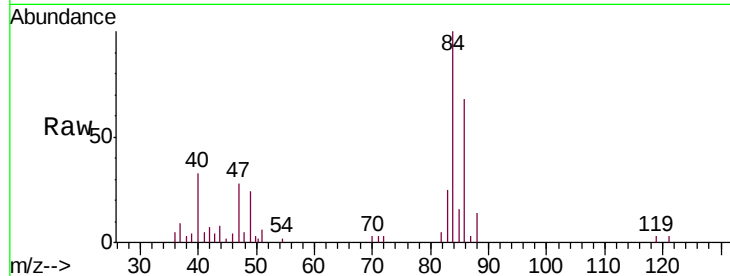




#25
Chloroform
Concen: 0.157 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV011593.D
Acq: 19 Jun 2019 00:15

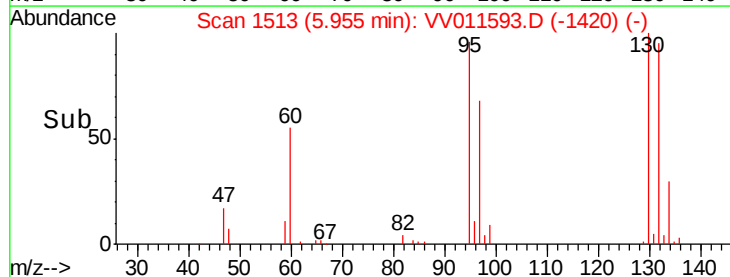
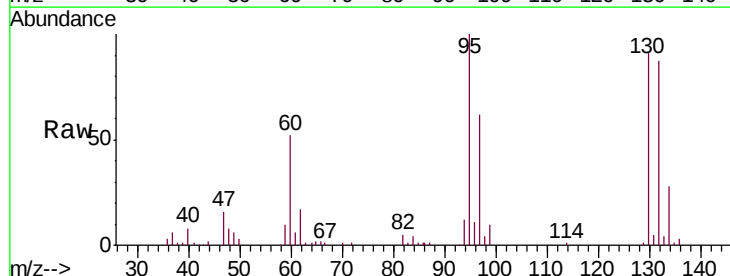
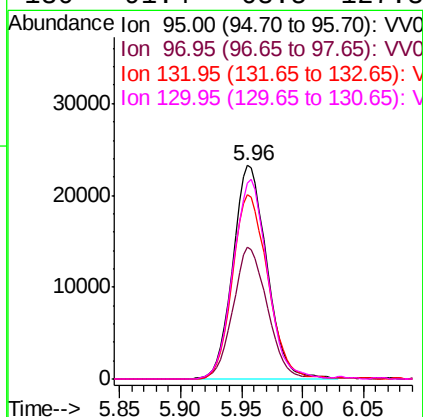
Instrument :
MSVOA_V
ClientSampleId :
COM79

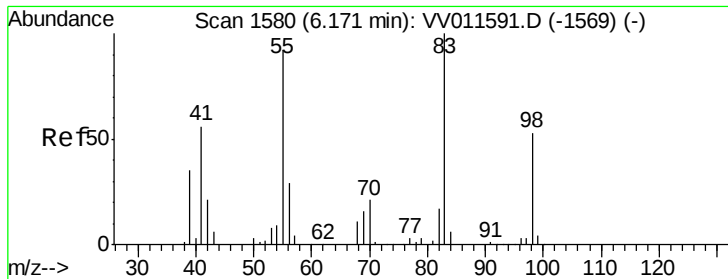
Tgt Ion: 83 Resp: 3969
Ion Ratio Lower Upper
83 100
85 62.3 44.6 82.8



#34
Trichloroethene
Concen: 3.415 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011593.D
Acq: 19 Jun 2019 00:15

Tgt Ion: 95 Resp: 45180
Ion Ratio Lower Upper
95 100
97 62.0 44.4 82.4
132 86.6 63.5 117.9
130 91.4 68.5 127.3





#35

Methylcyclohexane

Concen: 0.896 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011593.D

Acq: 19 Jun 2019 00:15

Instrument :

MSVOA_V

ClientSampleId :

COM79

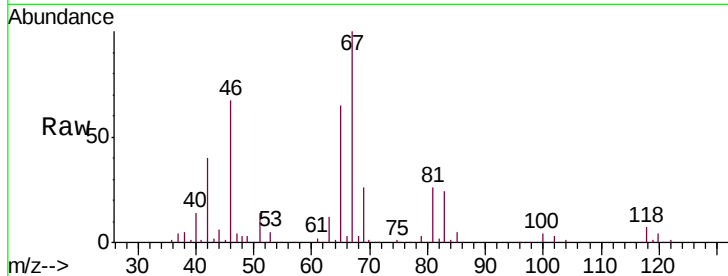
Tgt Ion: 83 Resp: 16892

Ion Ratio Lower Upper

83 100

55 0.1 67.9 101.9#

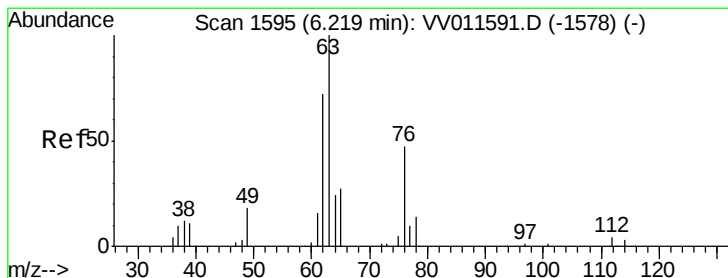
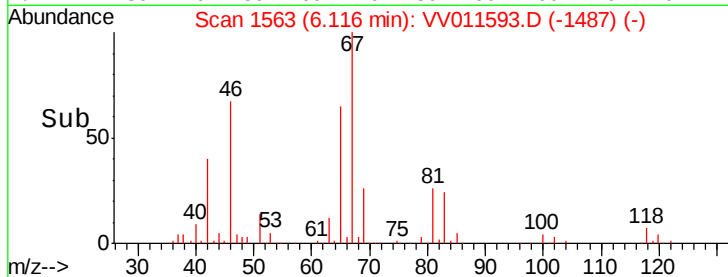
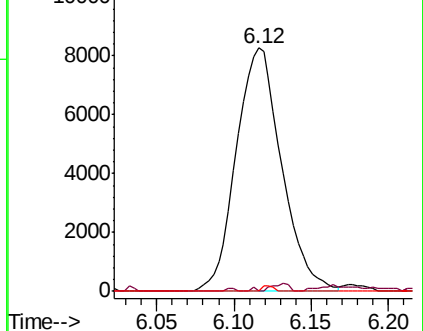
98 0.0 39.6 59.4#



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



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011593.D

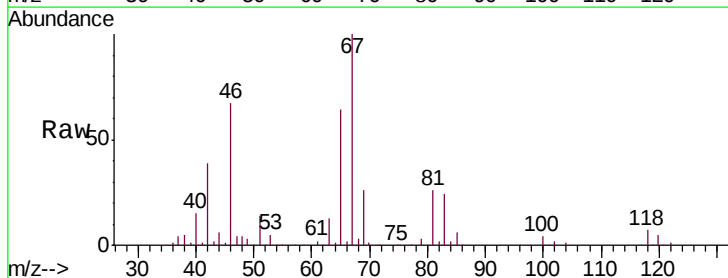
Acq: 19 Jun 2019 00:15

Tgt Ion: 63 Resp: 8782

Ion Ratio Lower Upper

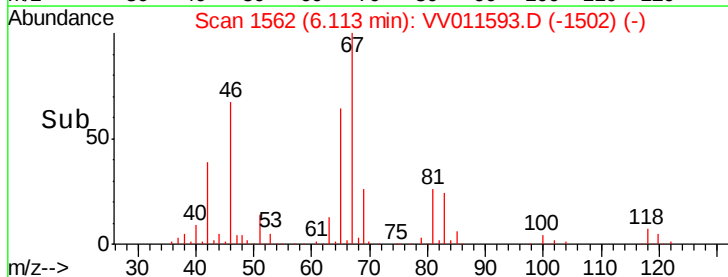
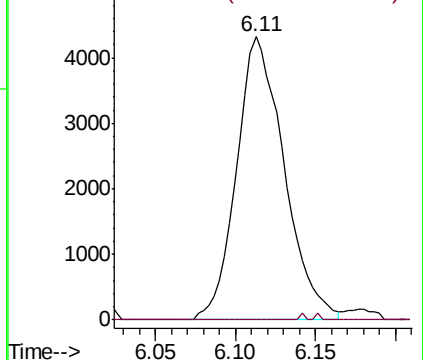
63 100

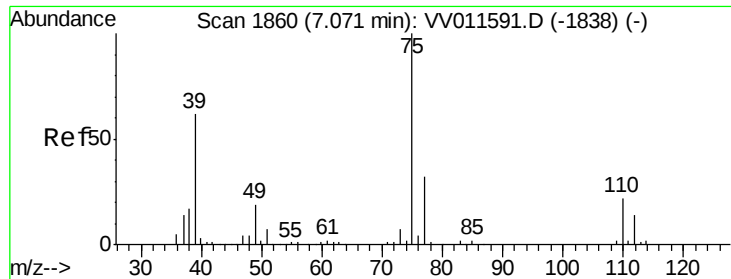
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011593.D
 Acq: 19 Jun 2019 00:15

Instrument :
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Tgt Ion: 75 Resp: 1719
 Ion Ratio Lower Upper
 75 100
 77 55.7 20.6 38.4#

