

Data File : VV009908.D
Acq On : 26 Mar 2019 21:38
Operator : SY/MD
Sample : K2101-01
Misc : 6.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Quant Time: Mar 27 01:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	127	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1191	462.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	1848.56%#
7) Chloroethane-d5	1.60	69	818	293.88	ug/L	0.03
Spiked Amount	25.000	Range	30 - 150	Recovery	=	1175.52%#
10) 1,1-Dichloroethene-d2	2.14	63	1404	199.15	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	796.60%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.41	84	373	115.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	461.12%#
26) 1,2-Dichloroethane-d4	5.09	65	162	83.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	332.76%#
29) Benzene-d6	5.11	84	1098	68.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	274.20%#
33) 1,2-Dichloropropane-d6	6.10	67	113	24.11	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
37) Toluene-d8	7.37	98	764	50.39	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	201.56%#
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	70	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	60.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	39	23.82	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.28%

Target Compounds

						Qvalue
3) Chloromethane	1.26	50	89	39.167	ug/L #	43
8) Chloroethane	1.59	64	156	61.291	ug/L #	43
9) Trichlorofluoromethane	1.91	101	40	6.348	ug/L #	18
11) 1,1,2-Trichloro-1,2,2-trif	1.91	101	40	10.922	ug/L #	17
13) Acetone	2.08	43	71	97.647	ug/L #	45
14) Carbon disulfide	2.16	76	41	9.754	ug/L #	74
15) Methyl Acetate	2.47	43	77	90.408	ug/L #	49
18) trans-1,2-Dichloroethene	2.49	96	65	39.061	ug/L #	1
19) 1,1-Dichloroethane	3.15	63	53	17.416	ug/L #	48
21) 2-Butanone	4.22	43	77	118.906	ug/L #	54
34) Benzene	5.36	78	68	4.060	ug/L	100
40) 1,2-Dichloropropane	6.44	63	46	10.991	ug/L #	92
43) 4-Methyl-2-pentanone	7.21	43	42	14.063	ug/L #	1
49) 2-Hexanone	8.09	43	43	21.303	ug/L #	39
53) Ethylbenzene	9.26	91	52	2.553	ug/L #	43

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
Quantitation Report (Not Reviewed)

Data File : VV009908.D
Acq On : 26 Mar 2019 21:38
Operator : SY/MD
Sample : K2101-01
Misc : 6.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Quant Time: Mar 27 01:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

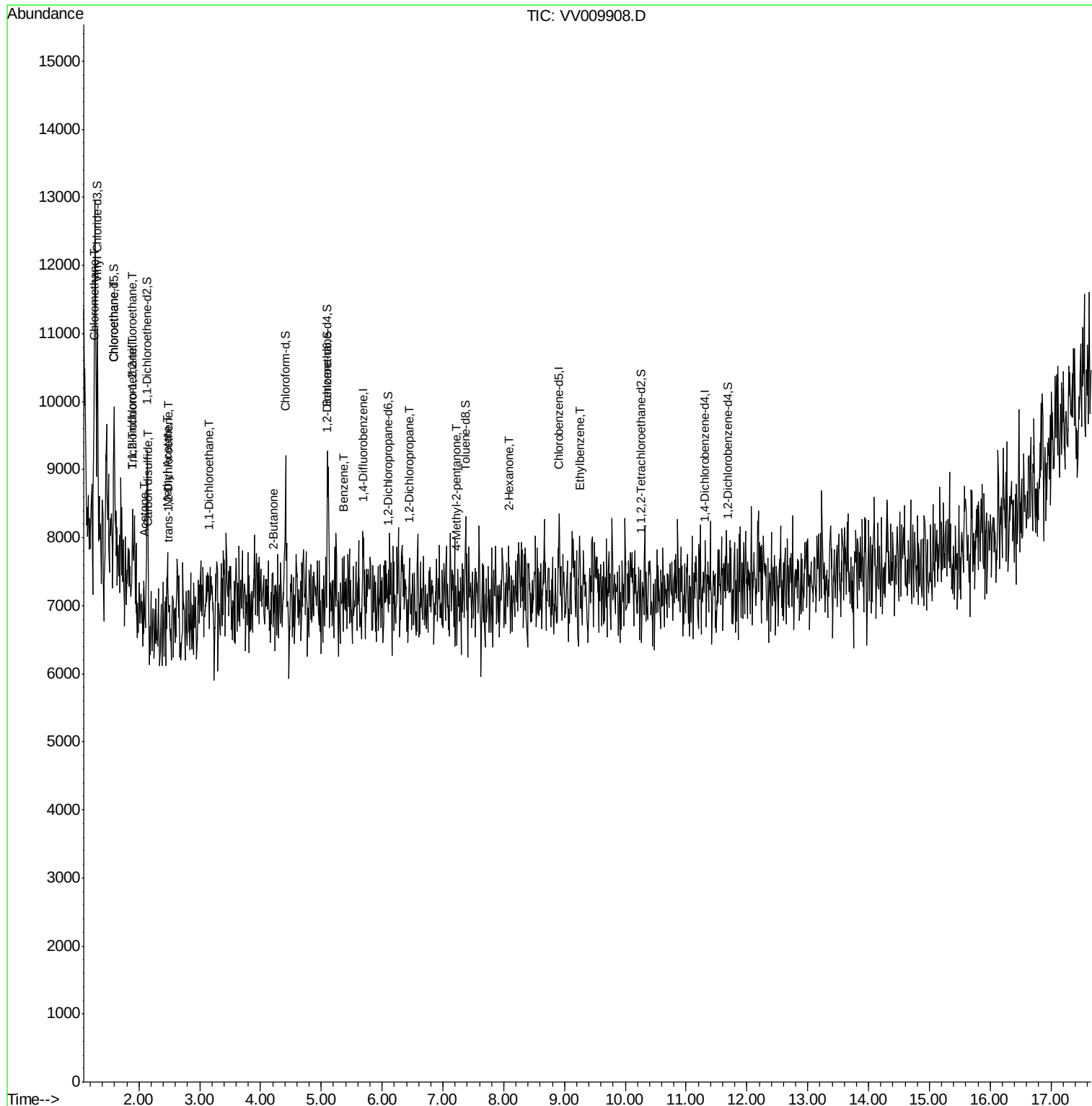
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

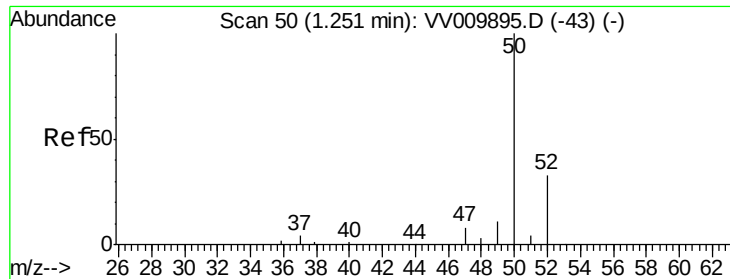
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VV009908.D
Acq On : 26 Mar 2019 21:38
Operator : SY/MD
Sample : K2101-01
Misc : 6.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Quant Time: Mar 27 01:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 39.167 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV009908.D

Acq: 26 Mar 2019 21:38

Instrument :

MSVOA_V

ClientSampleId :

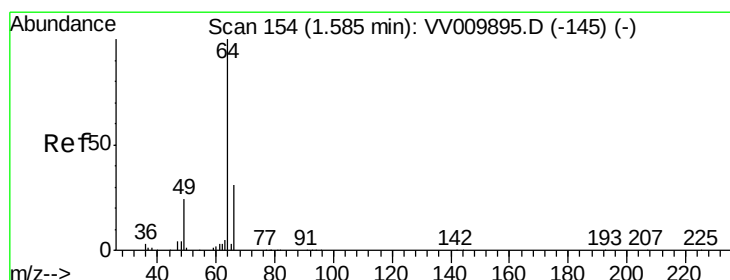
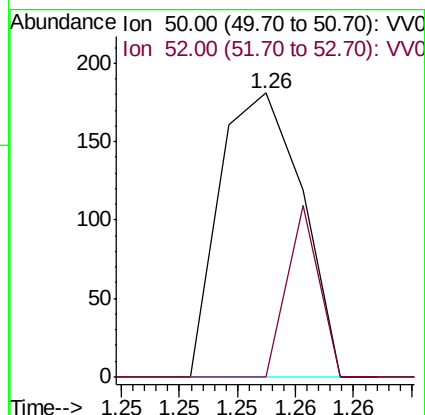
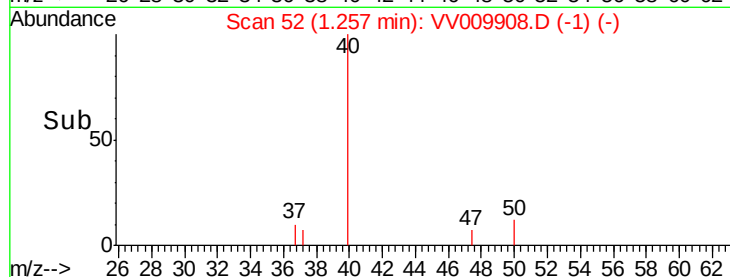
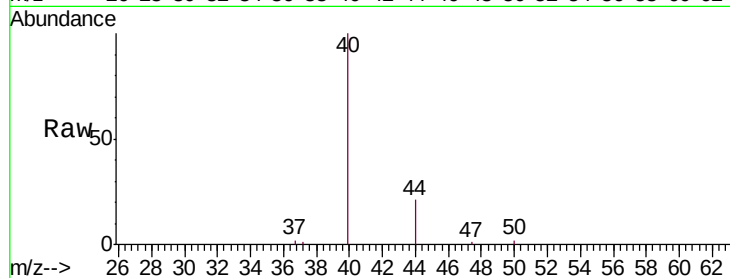
BF0J9

Tgt Ion: 50 Resp: 89

Ion Ratio Lower Upper

50 100

52 0.0 21.8 40.6#



#8

Chloroethane

Concen: 61.291 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.00 min

Lab File: VV009908.D

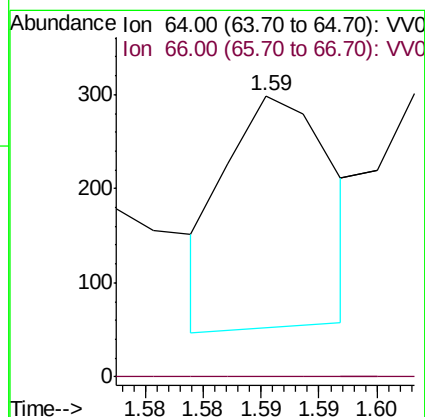
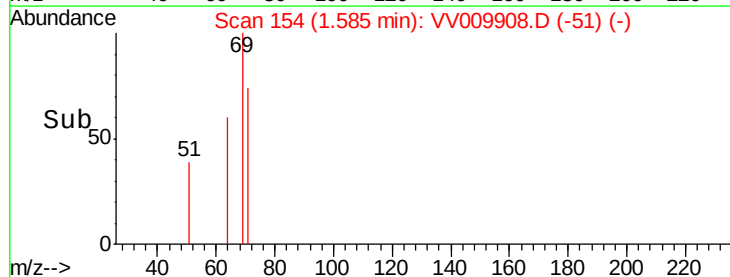
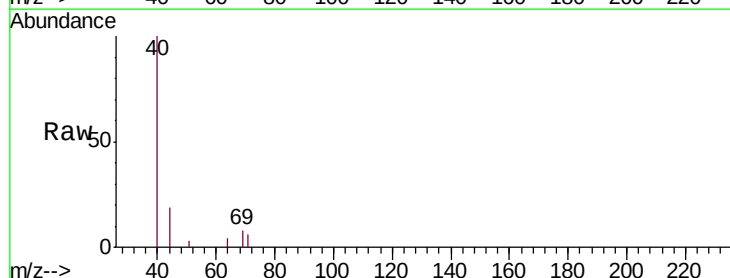
Acq: 26 Mar 2019 21:38

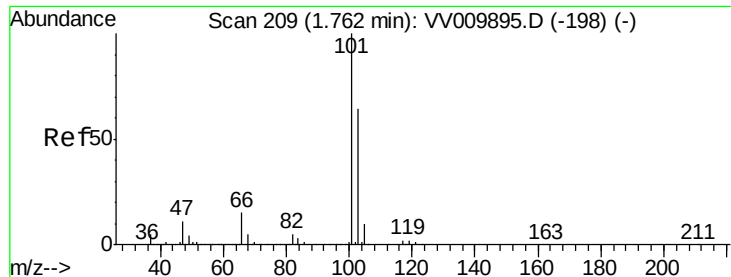
Tgt Ion: 64 Resp: 156

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



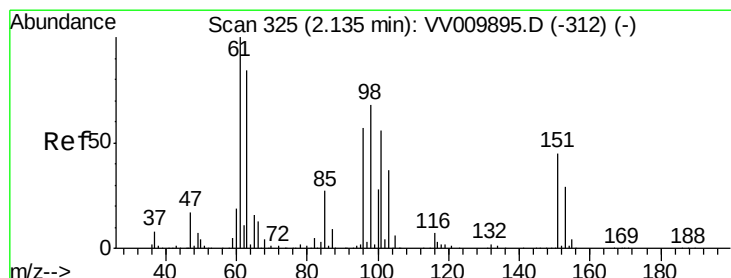
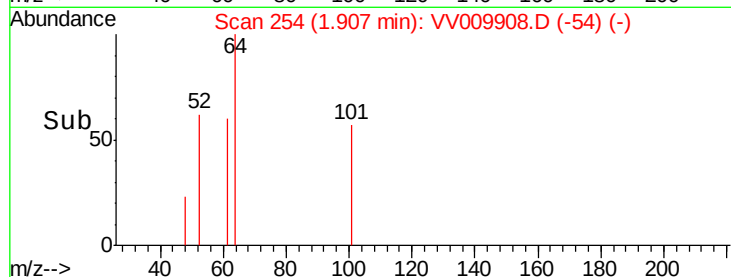
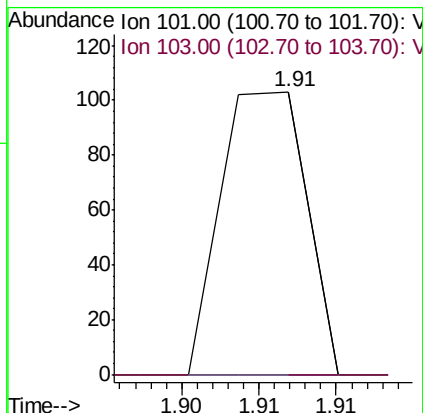
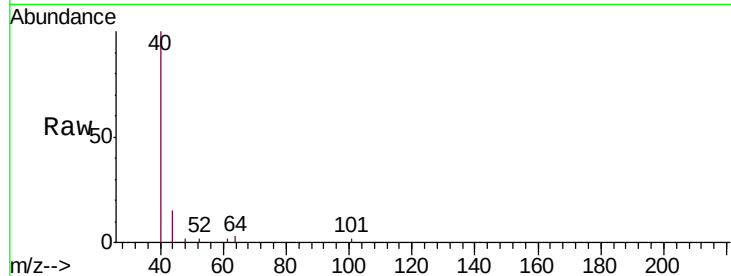


#9

Trichlorofluoromethane
Concen: 6.348 ug/L
RT: 1.91 min Scan# 254
Delta R.T. 0.14 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

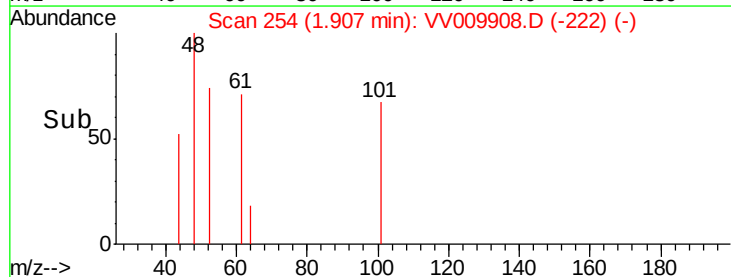
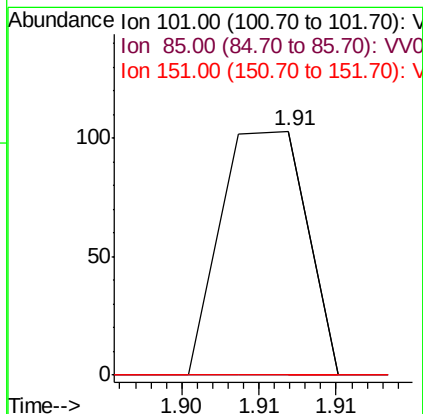
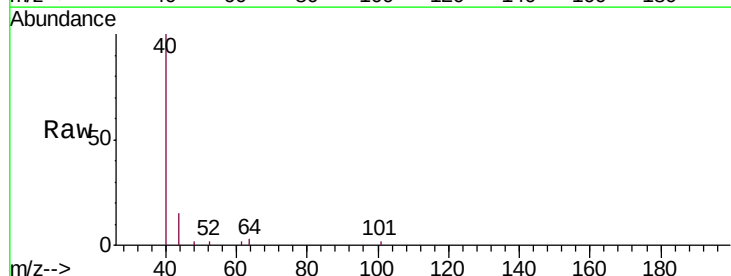
Tgt Ion:101 Resp: 40
Ion Ratio Lower Upper
101 100
103 0.0 45.1 83.9#

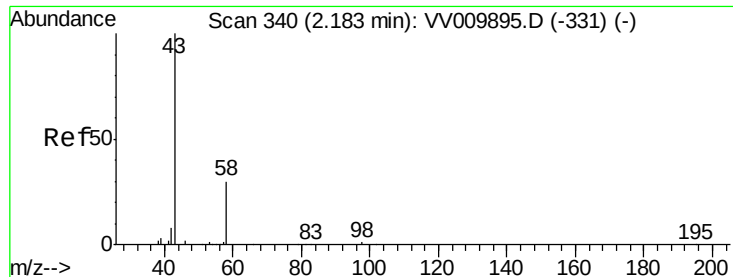


#11

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.922 ug/L
RT: 1.91 min Scan# 254
Delta R.T. -0.23 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion:101 Resp: 40
Ion Ratio Lower Upper
101 100
85 0.0 36.9 55.3#
151 0.0 63.6 95.4#





#13

Acetone

Concen: 97.647 ug/L

RT: 2.08 min Scan# 309

Delta R.T. -0.10 min

Lab File: VV009908.D

Acq: 26 Mar 2019 21:38

Instrument :

MSVOA_V

ClientSampleId :

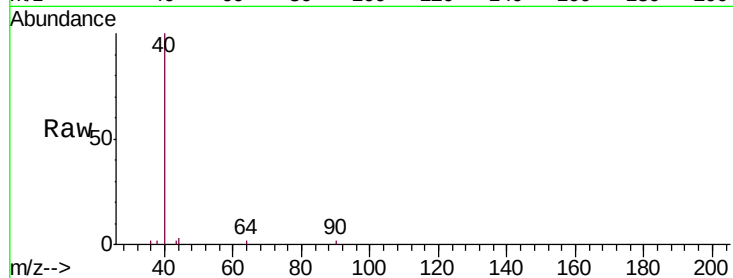
BF0J9

Tgt Ion: 43 Resp: 71

Ion Ratio Lower Upper

43 100

58 0.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009895.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009895.D (-331) (-)

2.08

150

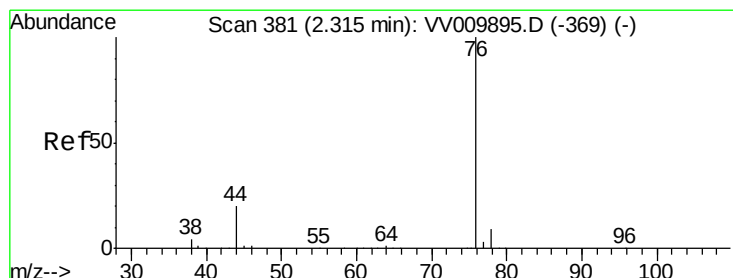
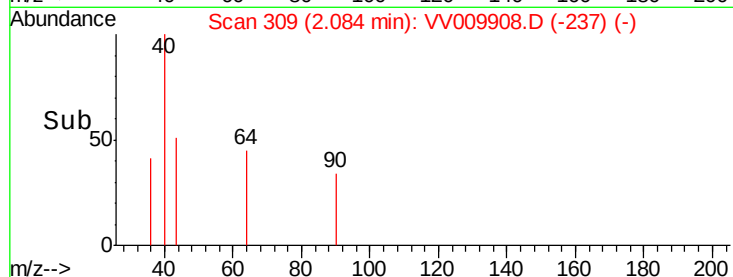
100

50

0

2.08 2.08 2.09 2.09

Time-->



#14

Carbon disulfide

Concen: 9.754 ug/L

RT: 2.16 min Scan# 333

Delta R.T. -0.15 min

Lab File: VV009908.D

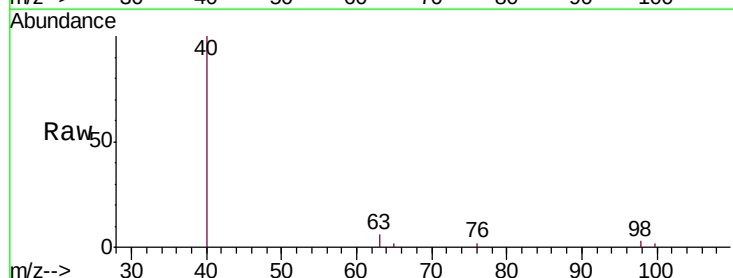
Acq: 26 Mar 2019 21:38

Tgt Ion: 76 Resp: 41

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



Abundance Ion 76.00 (75.70 to 76.70): VV009895.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV009895.D (-369) (-)

2.16

120

100

80

60

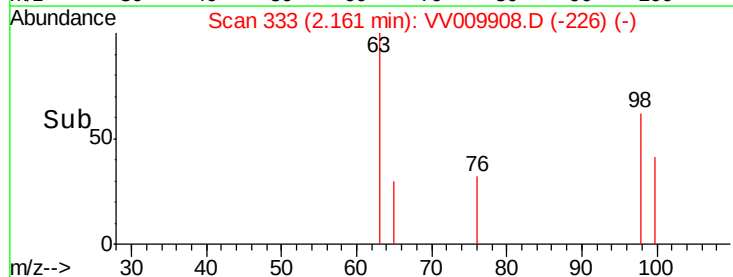
40

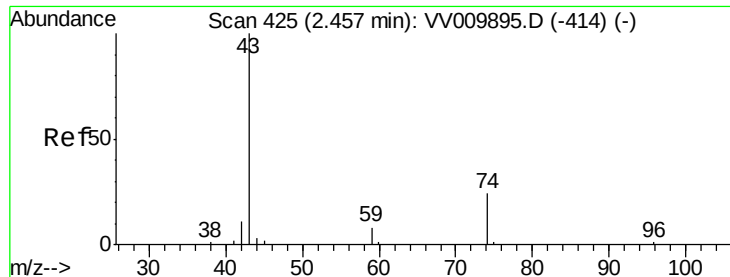
20

0

2.15 2.16 2.17 2.17

Time-->

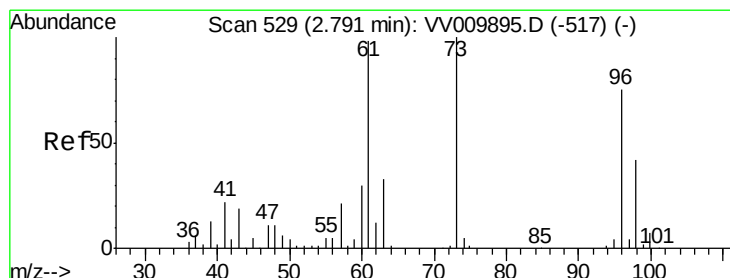
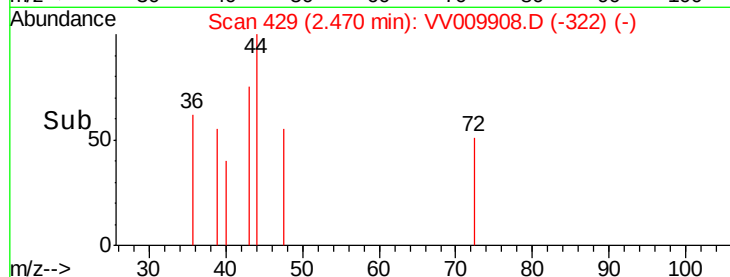
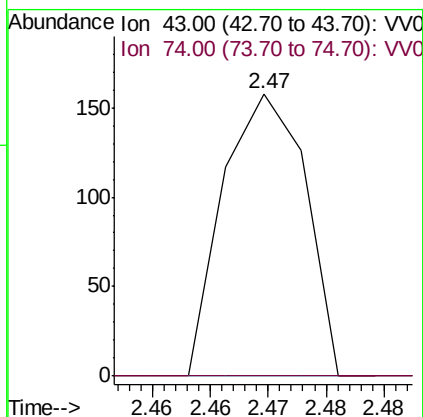
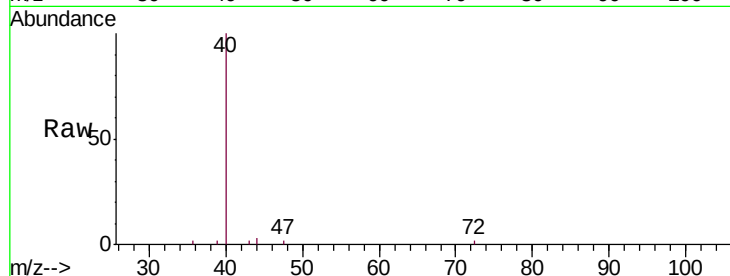




#15
Methyl Acetate
Concen: 90.408 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

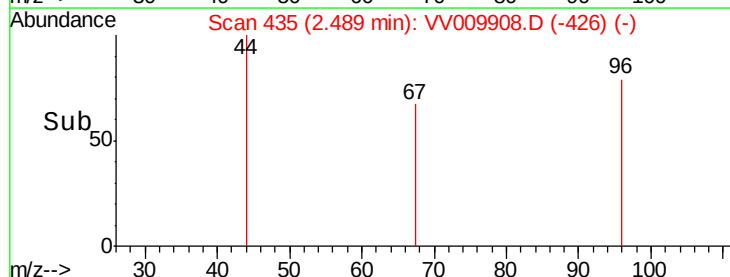
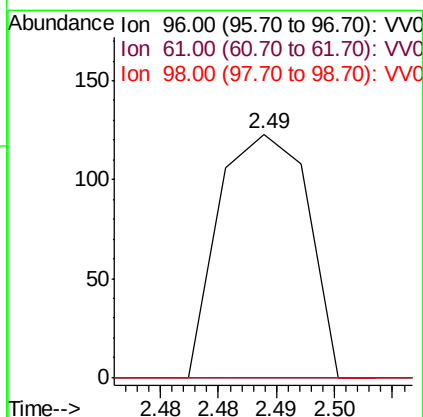
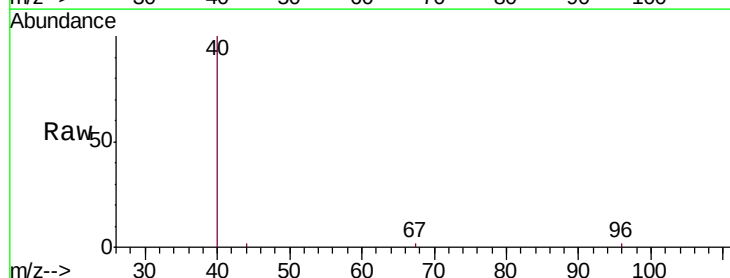
Instrument :
MSVOA_V
ClientSampled :
BF0J9

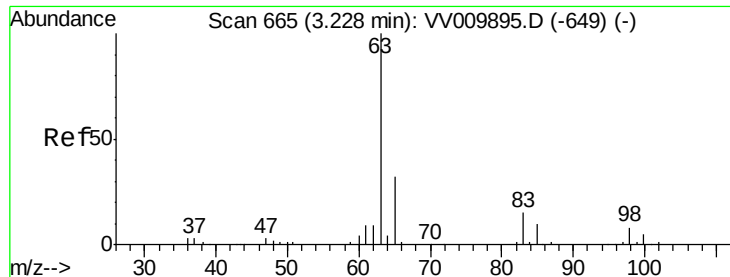
Tgt Ion: 43 Resp: 77
Ion Ratio Lower Upper
43 100
74 0.0 20.9 31.3#



#18
trans-1,2-Dichloroethene
Concen: 39.061 ug/L
RT: 2.49 min Scan# 435
Delta R.T. -0.30 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion: 96 Resp: 65
Ion Ratio Lower Upper
96 100
61 0.0 96.8 179.8#
98 0.0 46.1 85.7#

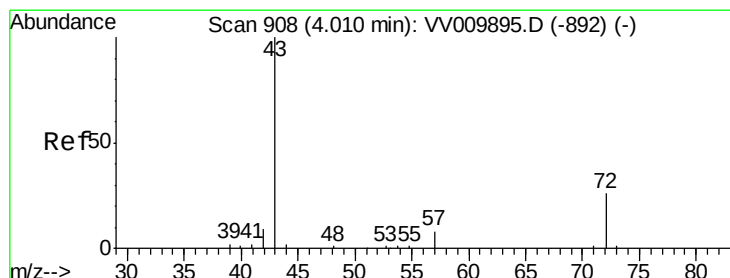
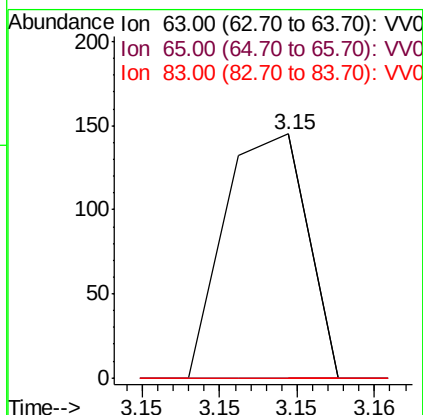
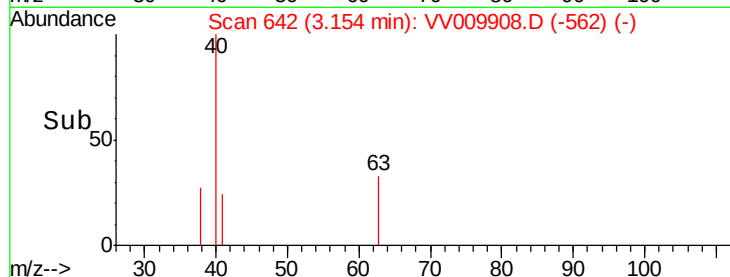
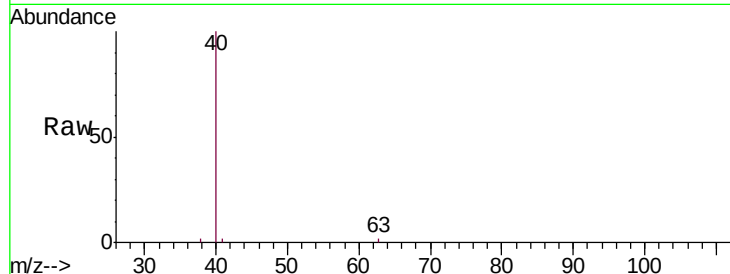




#19
 1,1-Dichloroethane
 Concen: 17.416 ug/L
 RT: 3.15 min Scan# 642
 Delta R.T. -0.07 min
 Lab File: VV009908.D
 Acq: 26 Mar 2019 21:38

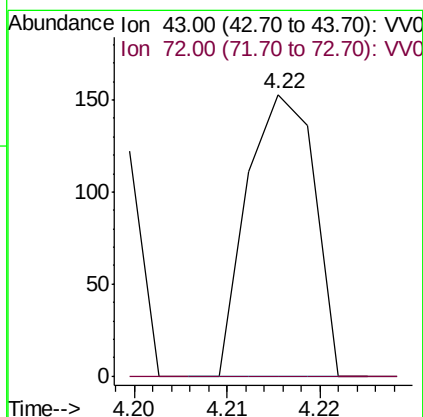
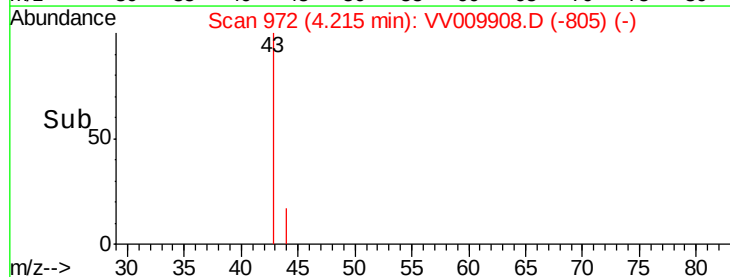
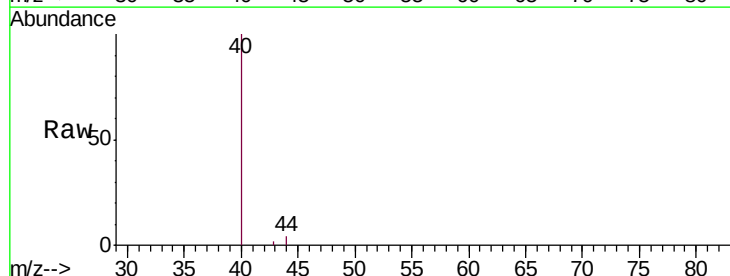
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0J9

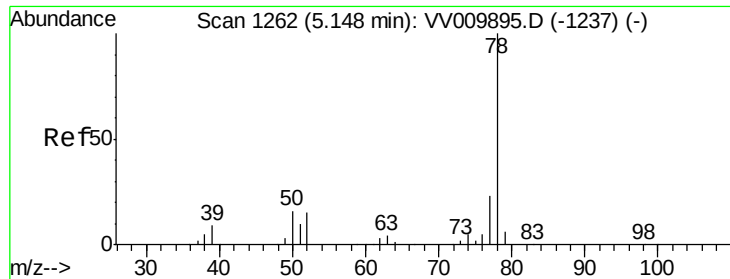
Tgt Ion: 63 Resp: 53
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.2 43.0#
 83 0.0 11.3 21.1#



#21
 2-Butanone
 Concen: 118.906 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. 0.21 min
 Lab File: VV009908.D
 Acq: 26 Mar 2019 21:38

Tgt Ion: 43 Resp: 77
 Ion Ratio Lower Upper
 43 100
 72 0.0 11.1 33.1#





#34

Benzene

Concen: 4.060 ug/L

RT: 5.36 min Scan# 1328

Delta R.T. 0.21 min

Lab File: VV009908.D

Acq: 26 Mar 2019 21:38

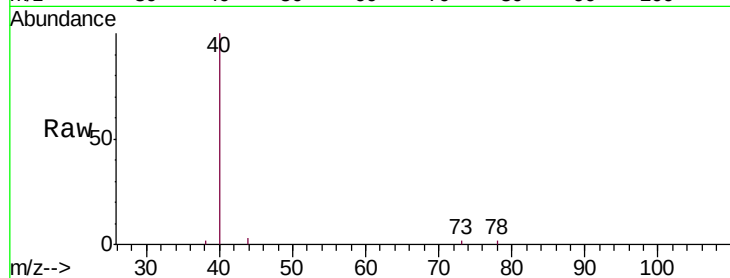
Instrument :

MSVOA_V

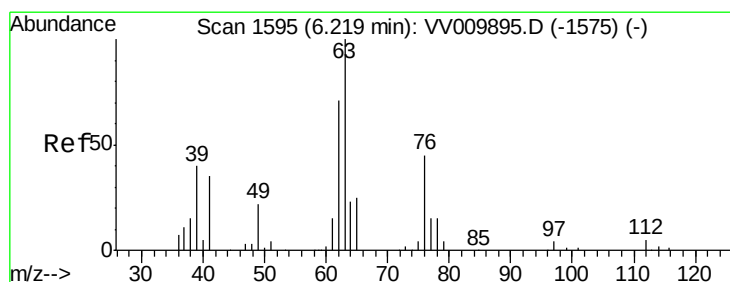
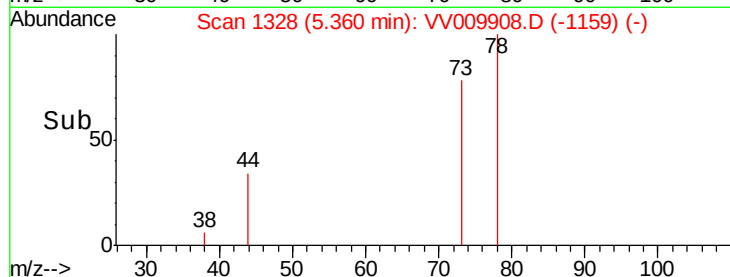
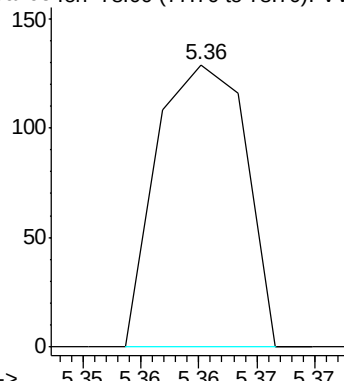
ClientSampleId :

BF0J9

Tgt Ion: 78 Resp: 68



Abundance Ion 78.00 (77.70 to 78.70): VV0



#40

1,2-Dichloropropane

Concen: 10.991 ug/L

RT: 6.44 min Scan# 1663

Delta R.T. 0.22 min

Lab File: VV009908.D

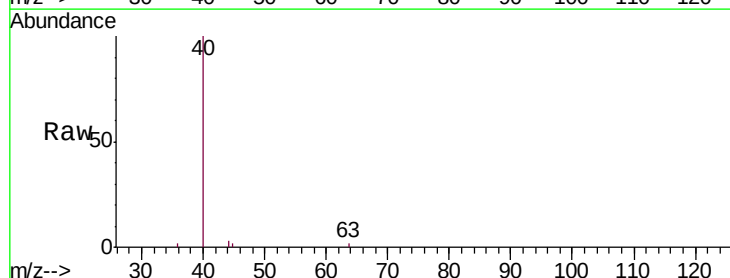
Acq: 26 Mar 2019 21:38

Tgt Ion: 63 Resp: 46

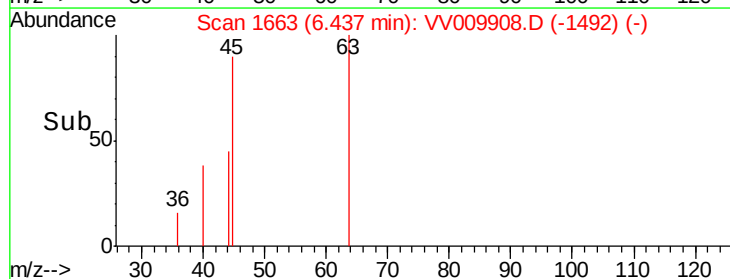
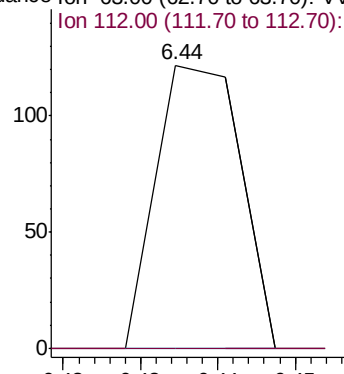
Ion Ratio Lower Upper

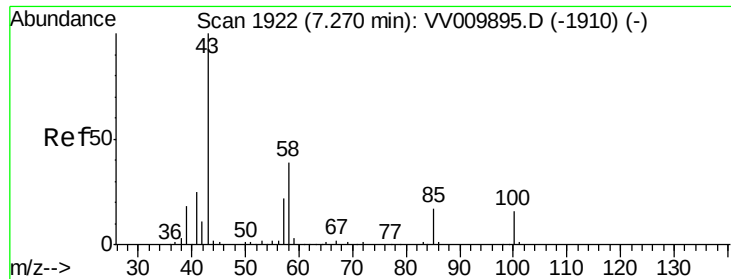
63 100

112 0.0 2.1 3.1#



Abundance Ion 63.00 (62.70 to 63.70): VV0

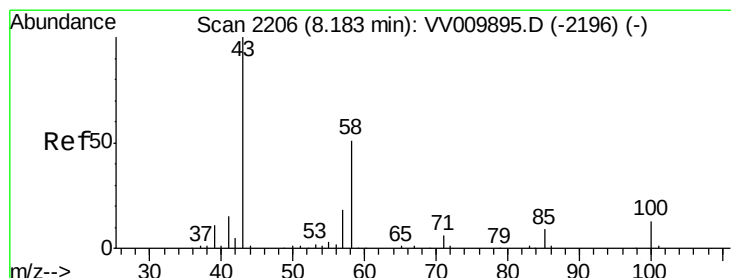
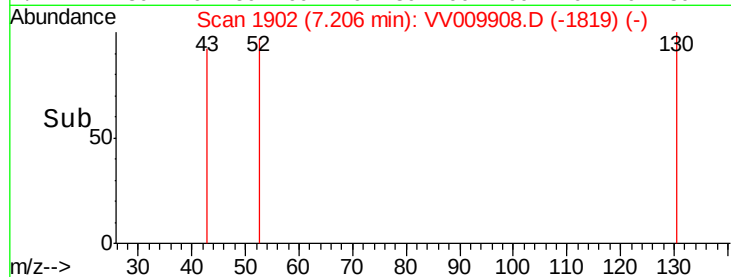
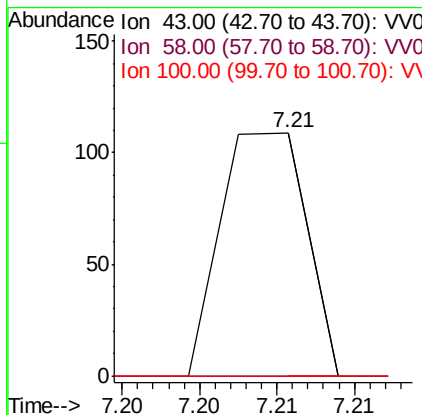
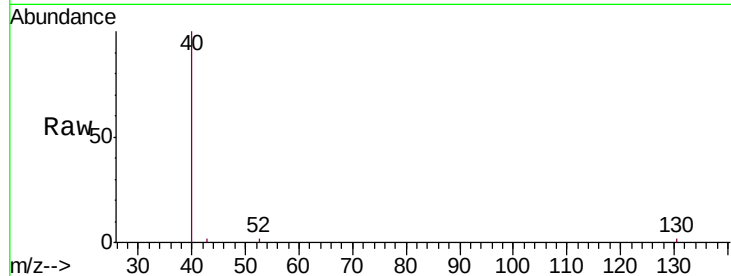




#43
 4-Methyl-2-pentanone
 Concen: 14.063 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.06 min
 Lab File: VV009908.D
 Acq: 26 Mar 2019 21:38

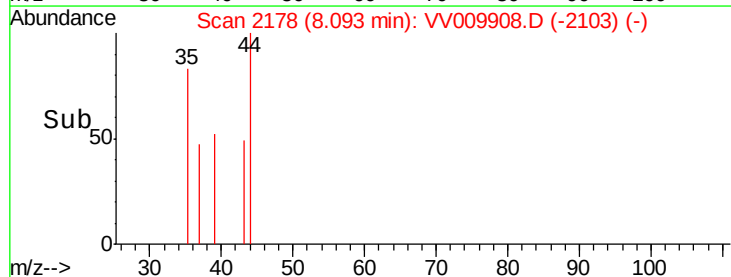
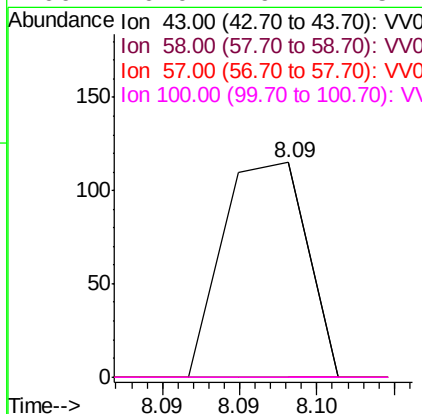
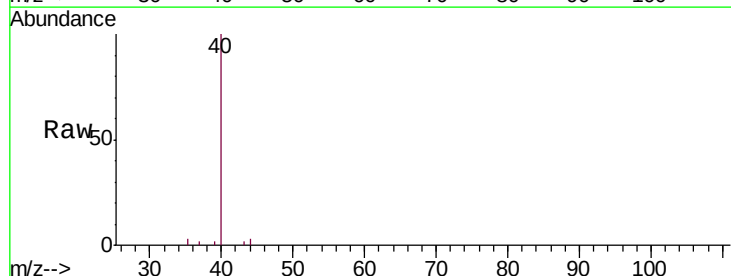
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0J9

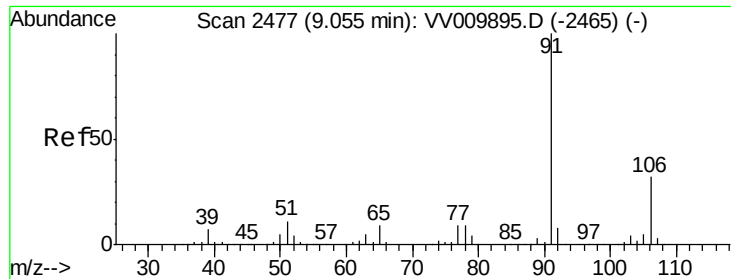
Tgt Ion: 43 Resp: 42
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.4 44.2#
 100 1052.4 12.2 18.4#



#49
 2-Hexanone
 Concen: 21.303 ug/L
 RT: 8.09 min Scan# 2178
 Delta R.T. -0.09 min
 Lab File: VV009908.D
 Acq: 26 Mar 2019 21:38

Tgt Ion: 43 Resp: 43
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.0 63.0#
 57 0.0 12.9 19.3#
 100 0.0 9.1 13.7#





#53

Ethylbenzene

Concen: 2.553 ug/L

RT: 9.26 min Scan# 2541

Delta R.T. 0.21 min

Lab File: VV009908.D

Acq: 26 Mar 2019 21:38

Instrument :

MSVOA_V

ClientSampleId :

BF0J9

Tgt Ion: 91 Resp: 52

Ion Ratio Lower Upper

91 100

106 0.0 22.3 41.3#

