

Data File : VV012852.D
Acq On : 16 Sep 2019 22:41
Operator : SY/MD
Sample : K4834-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COME4

Quant Time: Sep 17 07:27:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	391702	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124043	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	99187	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	159922	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.97	46	209769	55.94	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.88%
24) Chloroform-d	4.40	84	203309	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	103576	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.09	84	409132	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	128663	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	324983	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.66	79	38628	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	109196	47.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69925	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	111954	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

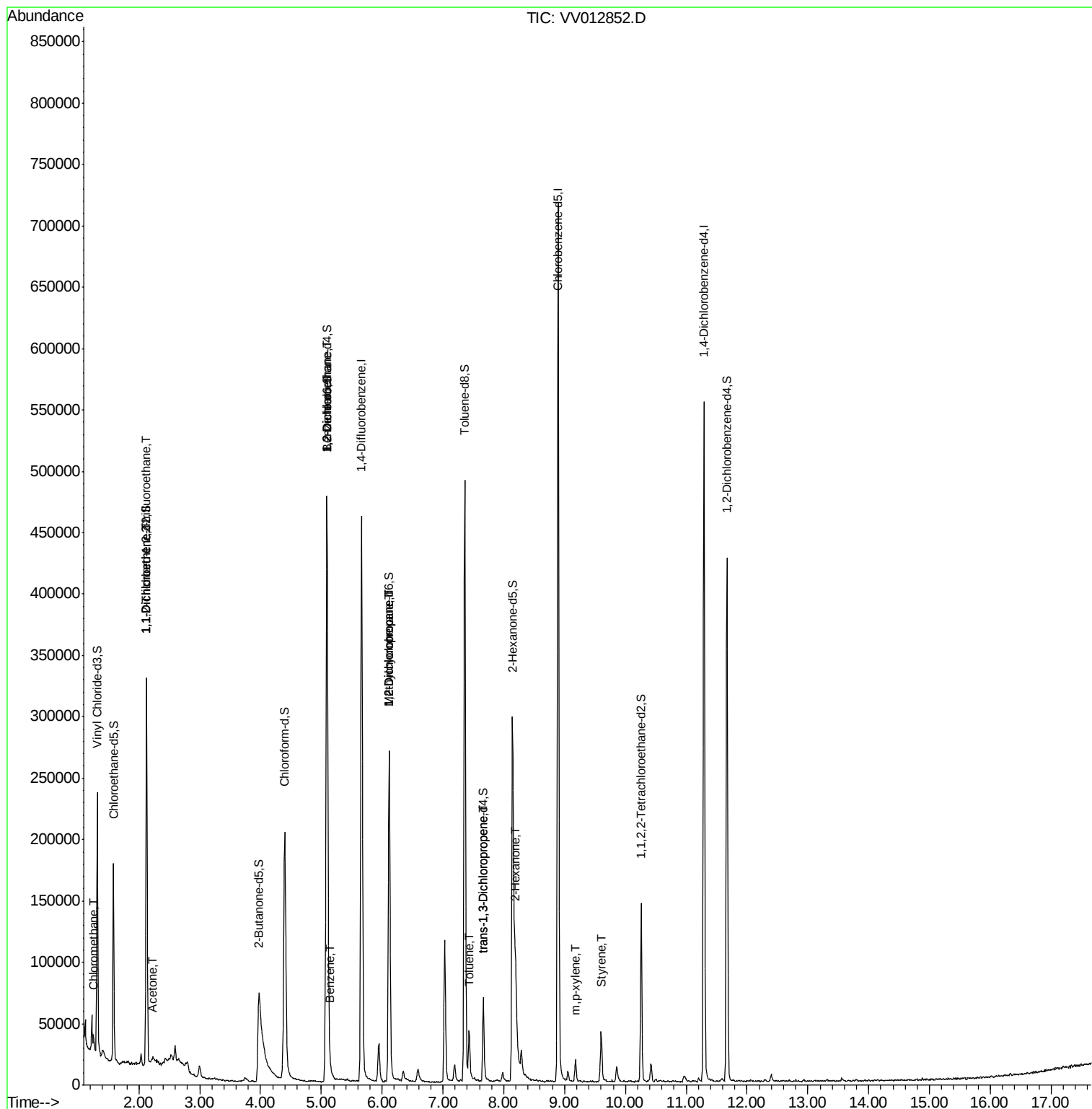
						Qvalue
3) Chloromethane	1.25	50	8695	0.303	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1644	0.071	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	1574	0.074	ug/L #	1
13) Acetone	2.23	43	11442	3.938	ug/L	75
27) 1,2-Dichloroethane	5.09	62	2457	0.088	ug/L	97
33) Benzene	5.14	78	6335	0.065	ug/L	100
35) Methylcyclohexane	6.12	83	30545	0.896	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	14501	0.554	ug/L #	86
42) Toluene	7.43	91	27861	0.280	ug/L	95
44) trans-1,3-Dichloropropene	7.67	75	1921	0.075	ug/L	91
48) 2-Hexanone	8.19	43	55488	5.033	ug/L #	88
53) m,p-xylene	9.18	106	5165	0.131	ug/L	92
55) Styrene	9.60	104	19584	0.301	ug/L	99

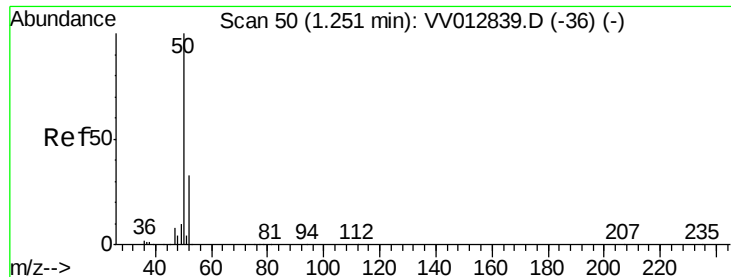
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.303 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV012852.D

Acq: 16 Sep 2019 22:41

Instrument :

MSVOA_V

ClientSampleId :

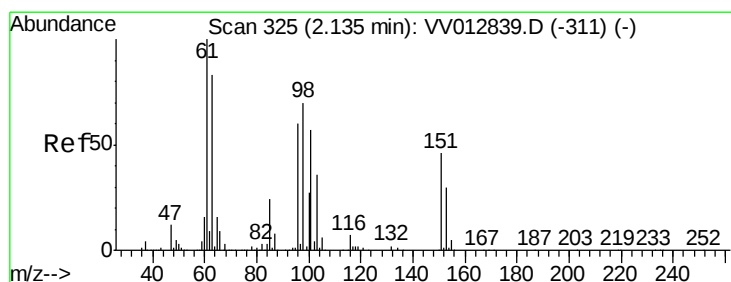
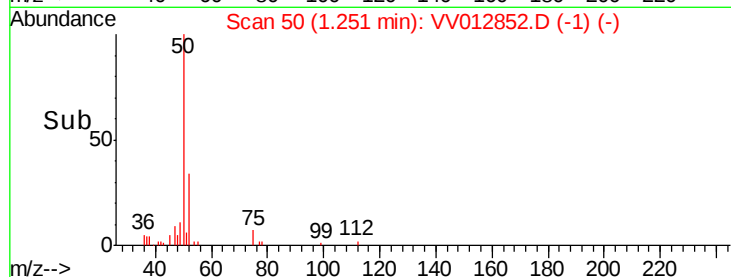
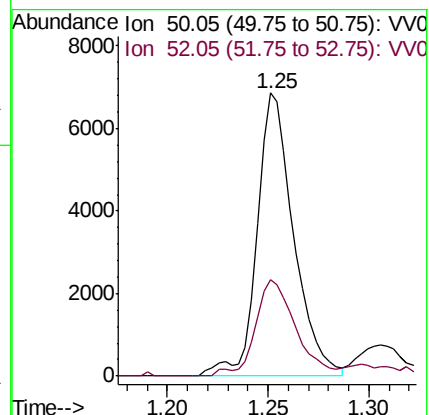
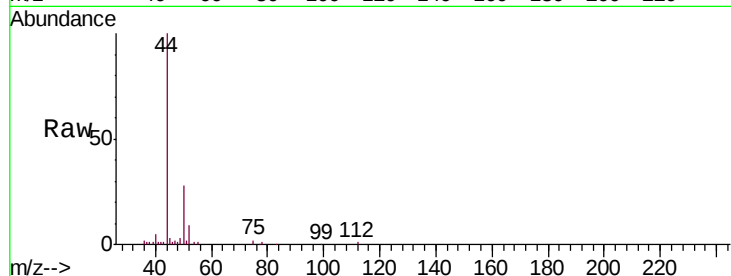
COME4

Tgt Ion: 50 Resp: 8695

Ion Ratio Lower Upper

50 100

52 34.0 21.3 39.6



#10

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

Concen: 0.071 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012852.D

Acq: 16 Sep 2019 22:41

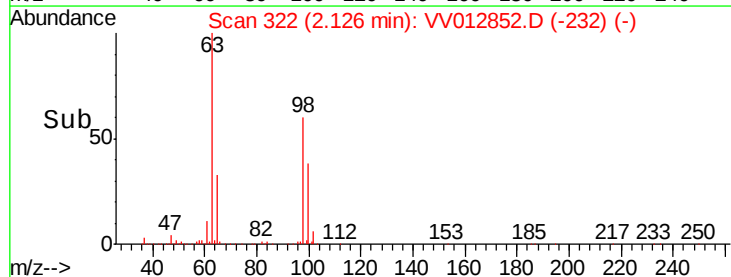
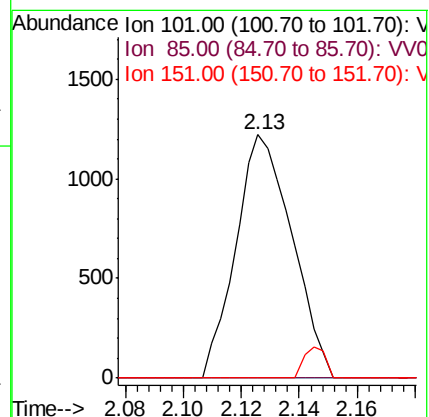
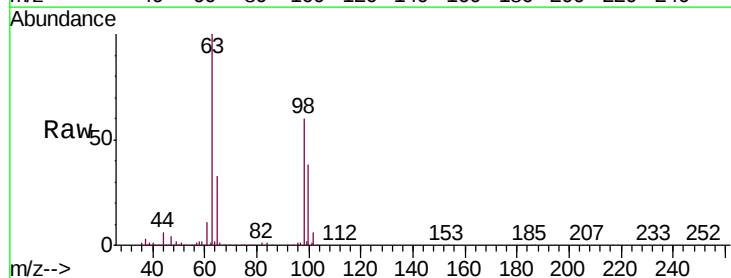
Tgt Ion: 101 Resp: 1644

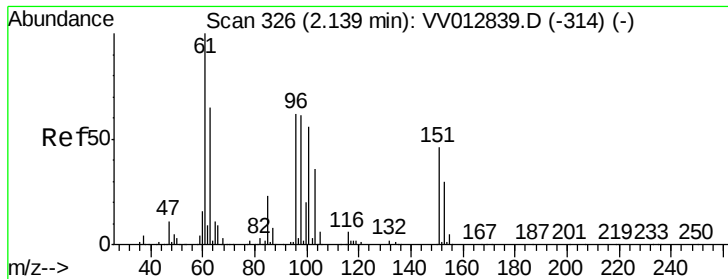
Ion Ratio Lower Upper

101 100

85 2.4 32.9 49.3#

151 4.7 65.0 97.6#

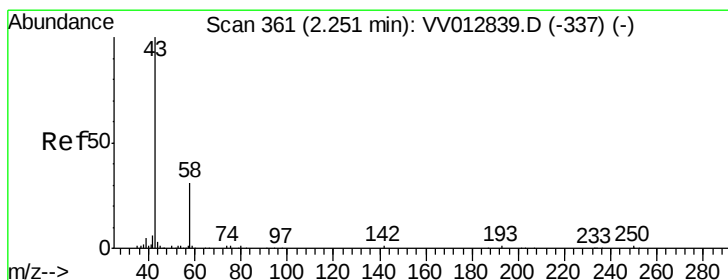
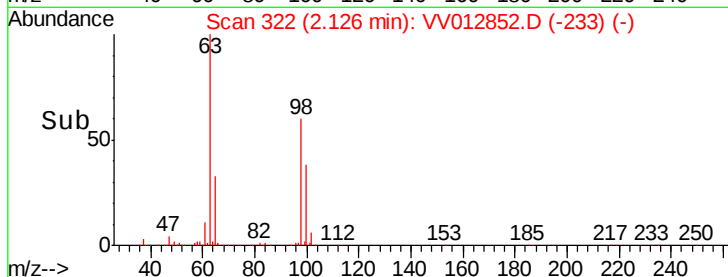
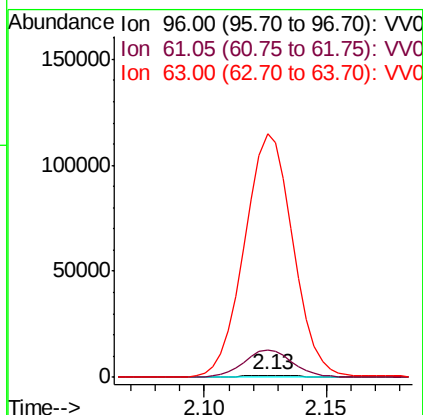
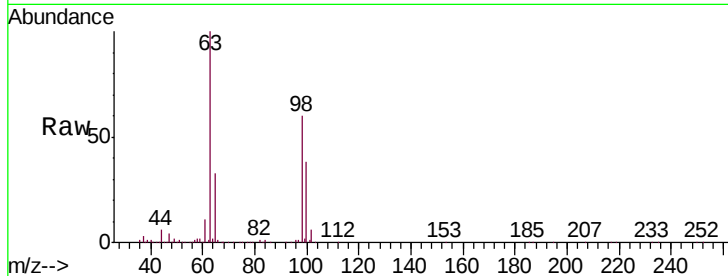




#12
 1,1-Dichloroethene
 Concen: 0.074 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV012852.D
 Acq: 16 Sep 2019 22:41

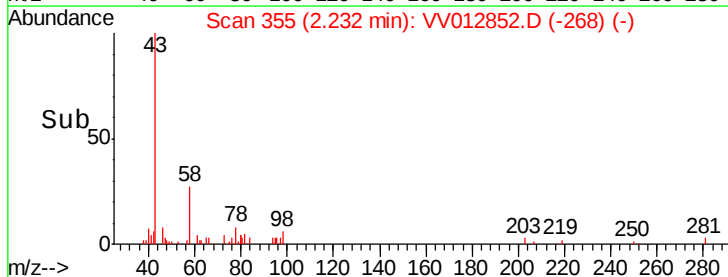
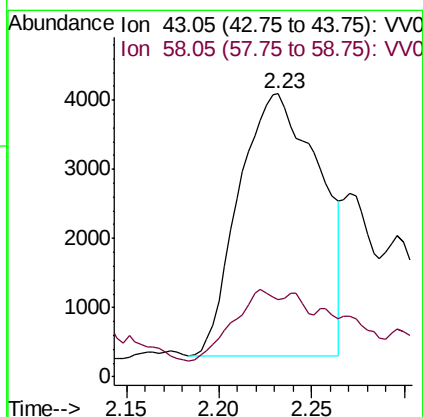
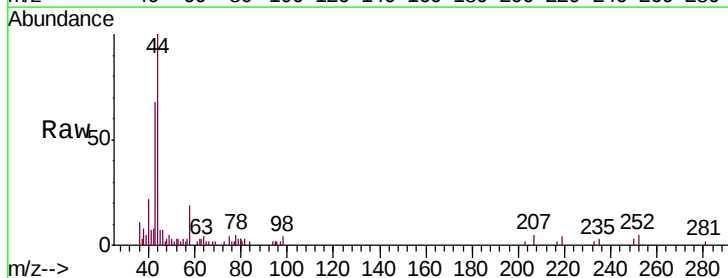
Instrument :
 MSVOA_V
 ClientSampleId :
 COME4

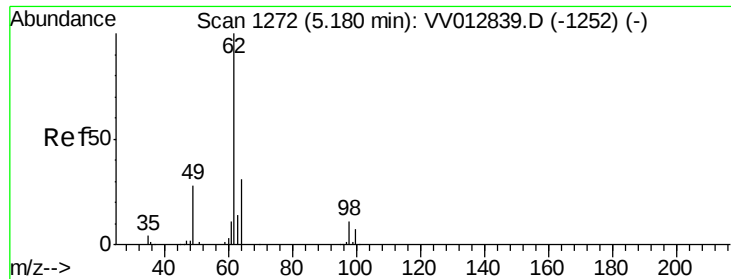
Tgt Ion: 96 Resp: 1574
 Ion Ratio Lower Upper
 96 100
 61 1382.1 120.1 223.1#
 63 12047.8 88.3 164.1#



#13
 Acetone
 Concen: 3.938 ug/L
 RT: 2.23 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VV012852.D
 Acq: 16 Sep 2019 22:41

Tgt Ion: 43 Resp: 11442
 Ion Ratio Lower Upper
 43 100
 58 14.9 0.0 56.6

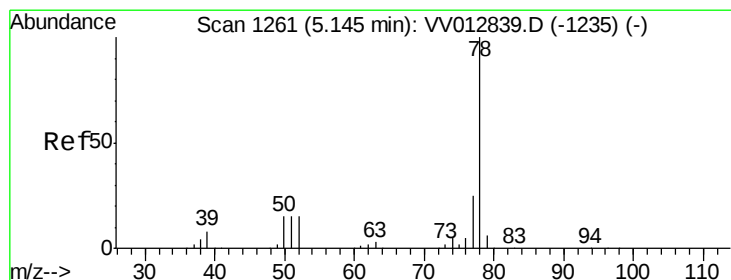
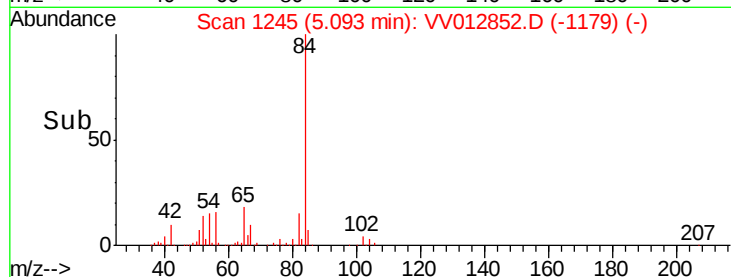
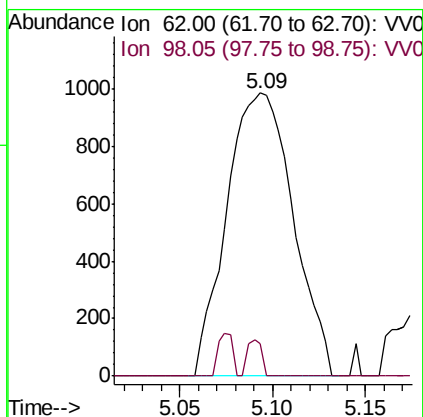
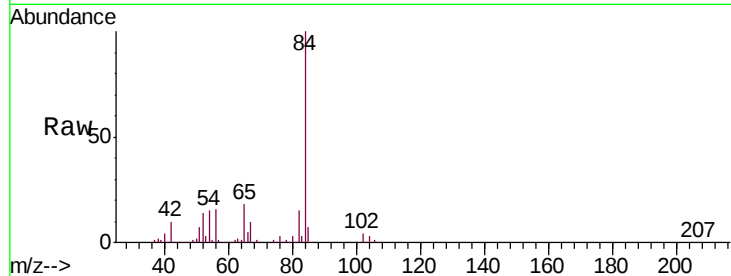




#27
 1,2-Dichloroethane
 Concen: 0.088 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VV012852.D
 Acq: 16 Sep 2019 22:41

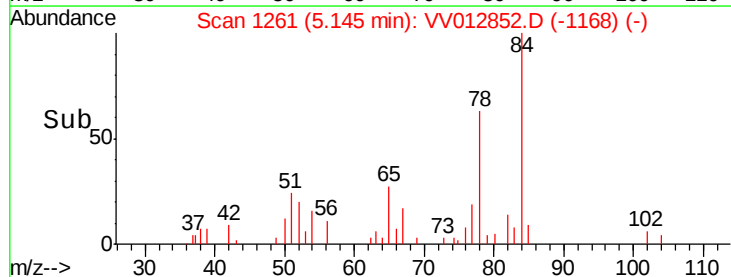
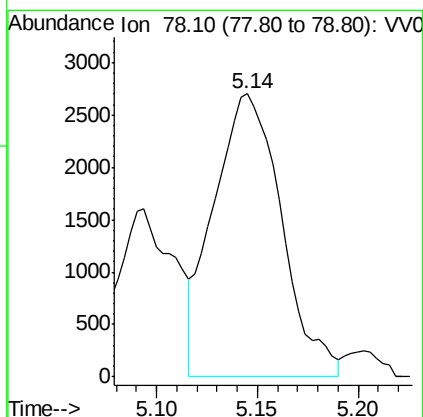
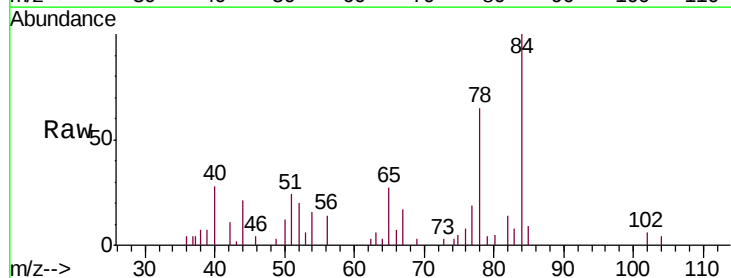
Instrument :
 MSVOA_V
 ClientSampled :
 COME4

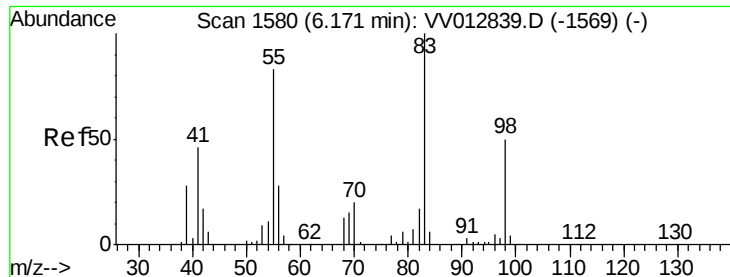
Tgt Ion: 62 Resp: 2457
 Ion Ratio Lower Upper
 62 100
 98 11.6 8.3 12.5



#33
 Benzene
 Concen: 0.065 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VV012852.D
 Acq: 16 Sep 2019 22:41

Tgt Ion: 78 Resp: 6335

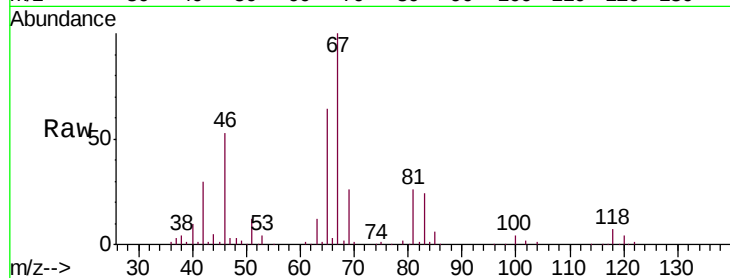




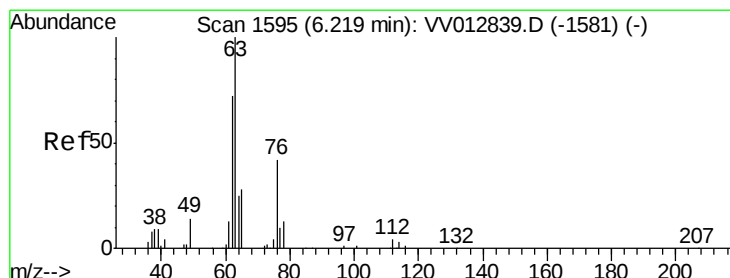
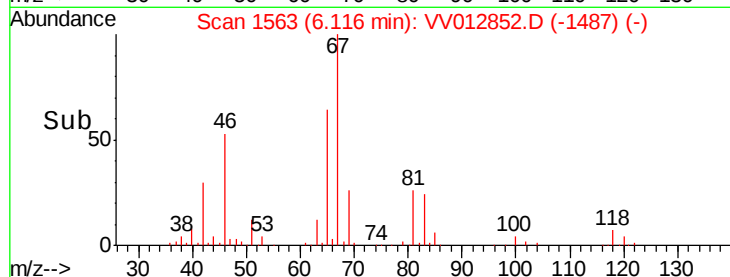
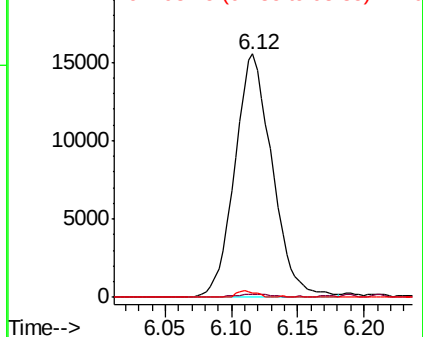
#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012852.D
Acq: 16 Sep 2019 22:41

Instrument :
MSVOA_V
ClientSampleId :
COME4

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.9	65.4	98.2#
98	1.4	39.0	58.4#

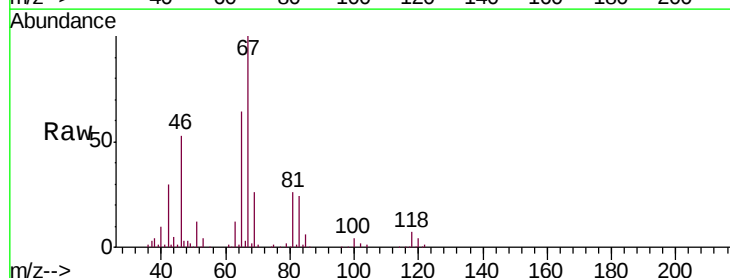


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

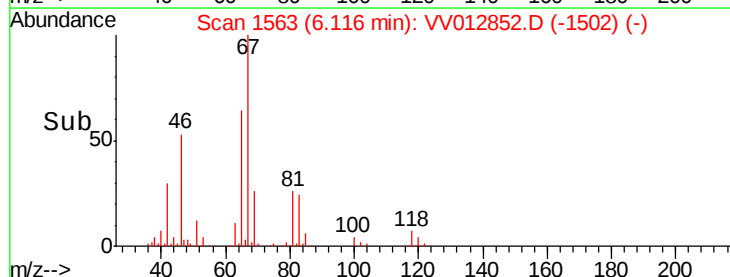
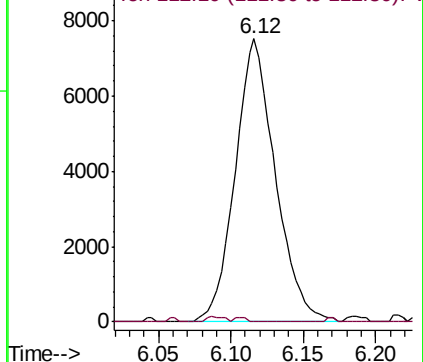


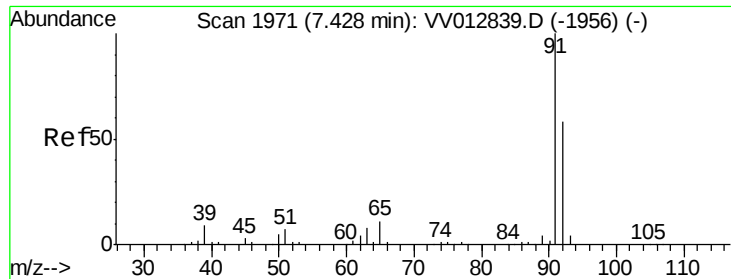
#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012852.D
Acq: 16 Sep 2019 22:41

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.2	6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.280 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012852.D

Acq: 16 Sep 2019 22:41

Instrument :

MSVOA_V

ClientSampled :

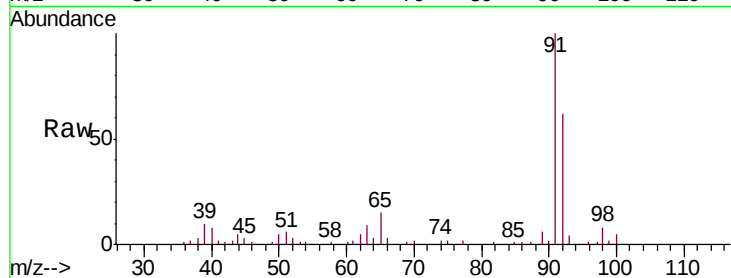
COME4

Tgt Ion: 91 Resp: 27861

Ion Ratio Lower Upper

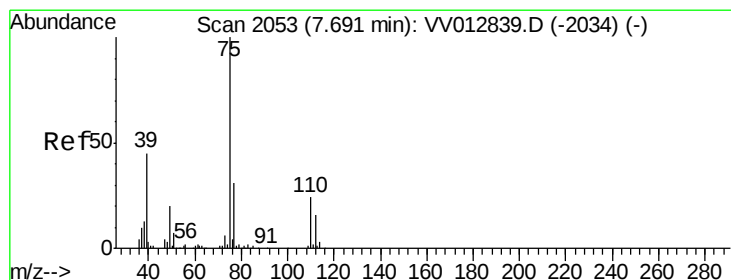
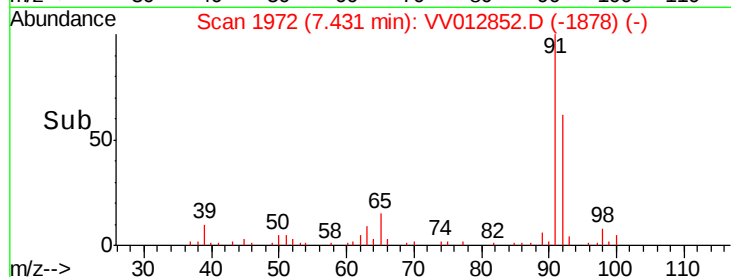
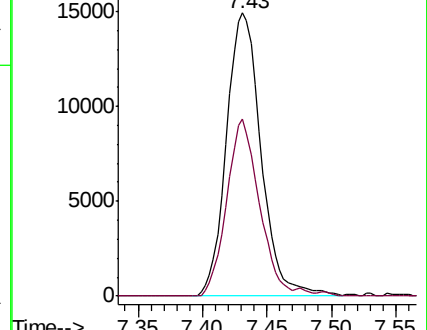
91 100

92 62.4 41.0 76.2



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012852.D

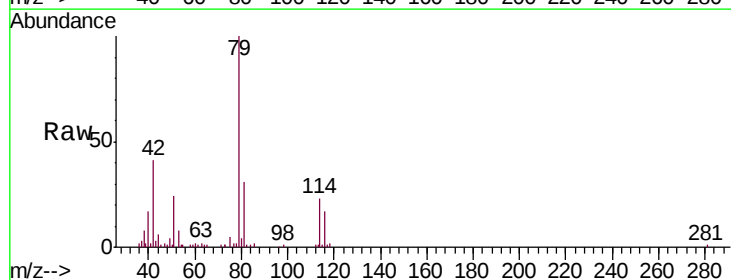
Acq: 16 Sep 2019 22:41

Tgt Ion: 75 Resp: 1921

Ion Ratio Lower Upper

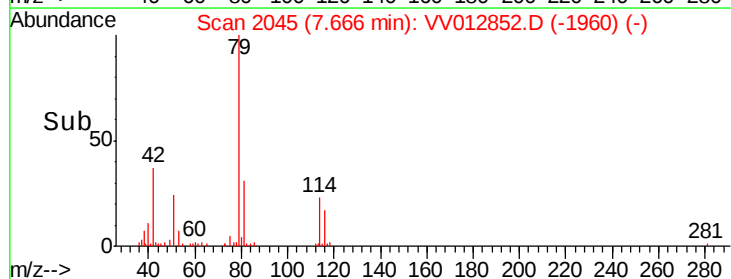
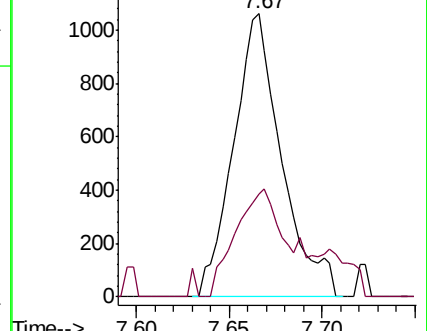
75 100

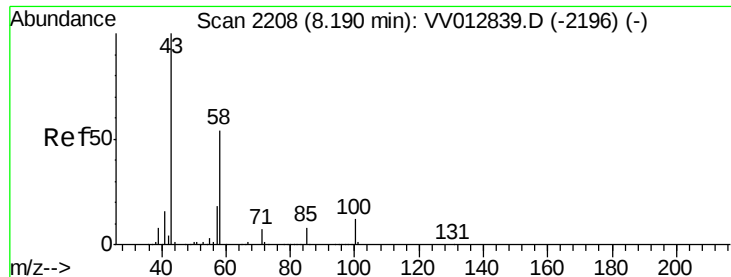
77 36.5 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

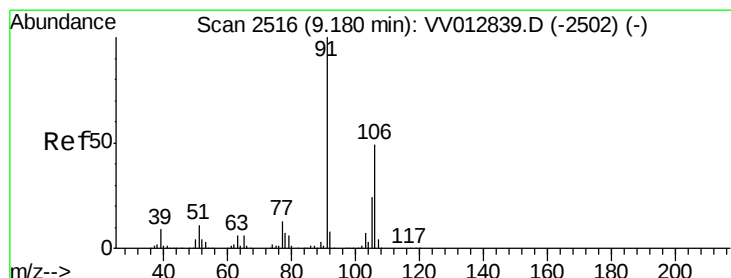
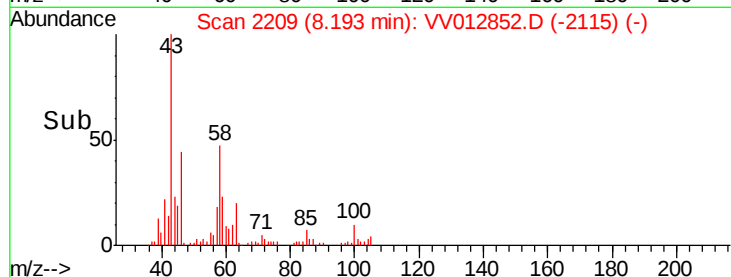
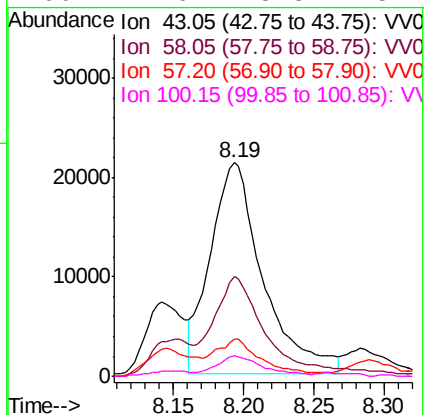
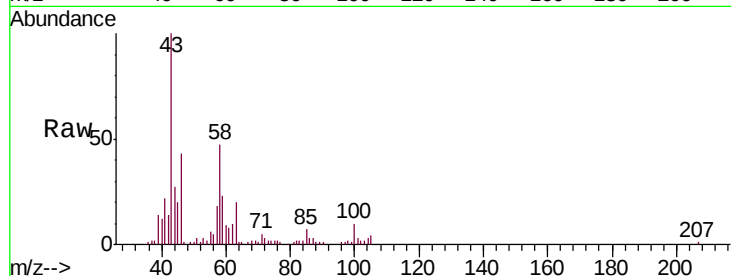




#48
2-Hexanone
Concen: 5.033 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012852.D
Acq: 16 Sep 2019 22:41

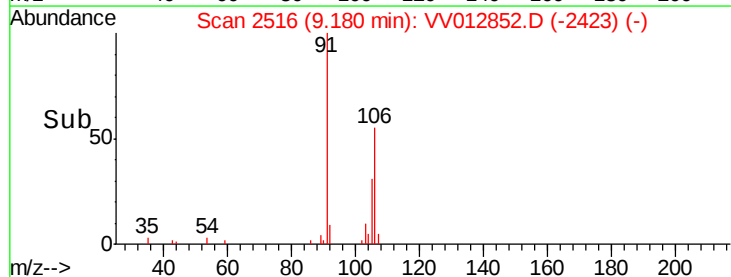
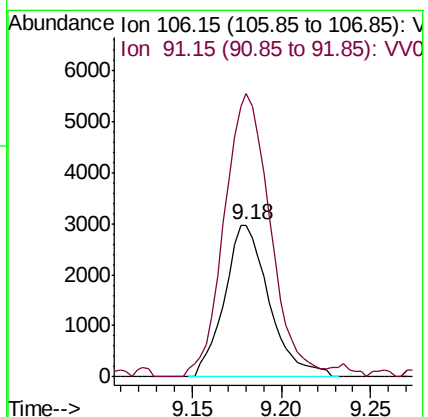
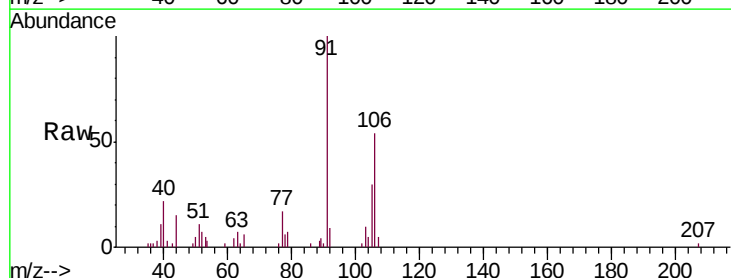
Instrument :
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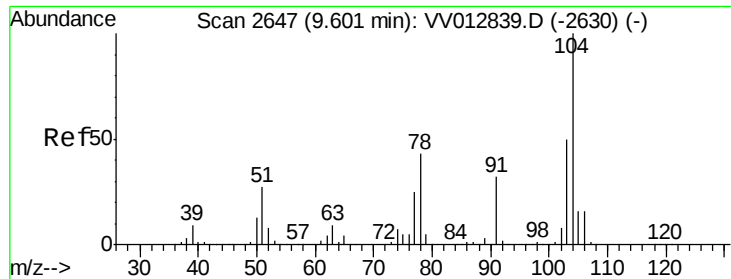
Tgt Ion: 43 Resp: 55488
Ion Ratio Lower Upper
43 100
58 46.6 44.8 67.2
57 14.7 15.0 22.6#
100 7.6 8.8 13.2#



#53
m,p-xylene
Concen: 0.131 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012852.D
Acq: 16 Sep 2019 22:41

Tgt Ion: 106 Resp: 5165
Ion Ratio Lower Upper
106 100
91 186.2 138.9 258.1





#55

Styrene

Concen: 0.301 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV012852.D

Acq: 16 Sep 2019 22:41

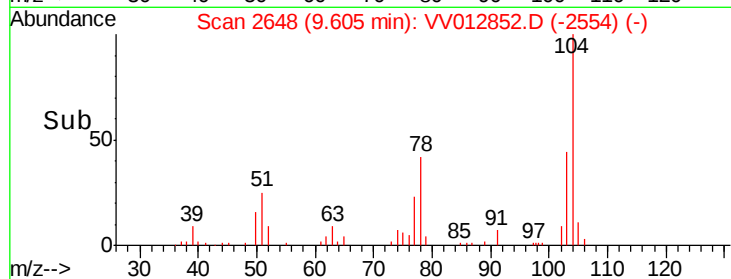
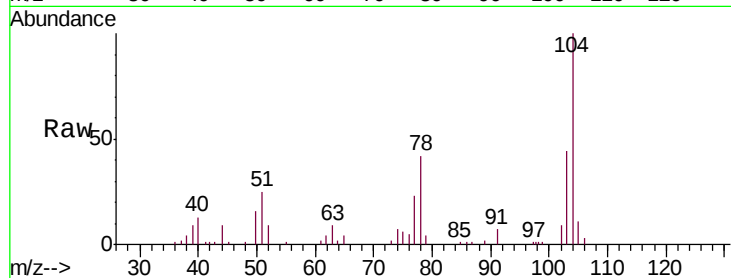
Instrument :
MSVOA_V
ClientSampleId :
C0ME4

Tgt Ion:104 Resp: 19584

Ion Ratio Lower Upper

104 100

78 42.2 30.2 56.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

