

Data File : VV009107.D
Acq On : 21 Dec 2018 02:19
Operator : SY/MD
Sample : J6468-19
Misc : 5.99 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JH5

Quant Time: Dec 21 02:58:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221607	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195541	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80643	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42601	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
7) Chloroethane-d5	1.58	69	45920	27.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.40%
10) 1,1-Dichloroethene-d2	2.13	63	83640	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	3.94	46	37114	44.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.90%
24) Chloroform-d	4.40	84	127595	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	76813	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.68%
29) Benzene-d6	5.10	84	247598	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	6.12	67	77160	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.96%
37) Toluene-d8	7.36	98	227925	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.20%
38) trans-1,3-Dichloropropene-	7.66	79	31639	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.20%
39) 2-Hexanone-d5	8.14	63	23398	41.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69167	26.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	75025	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

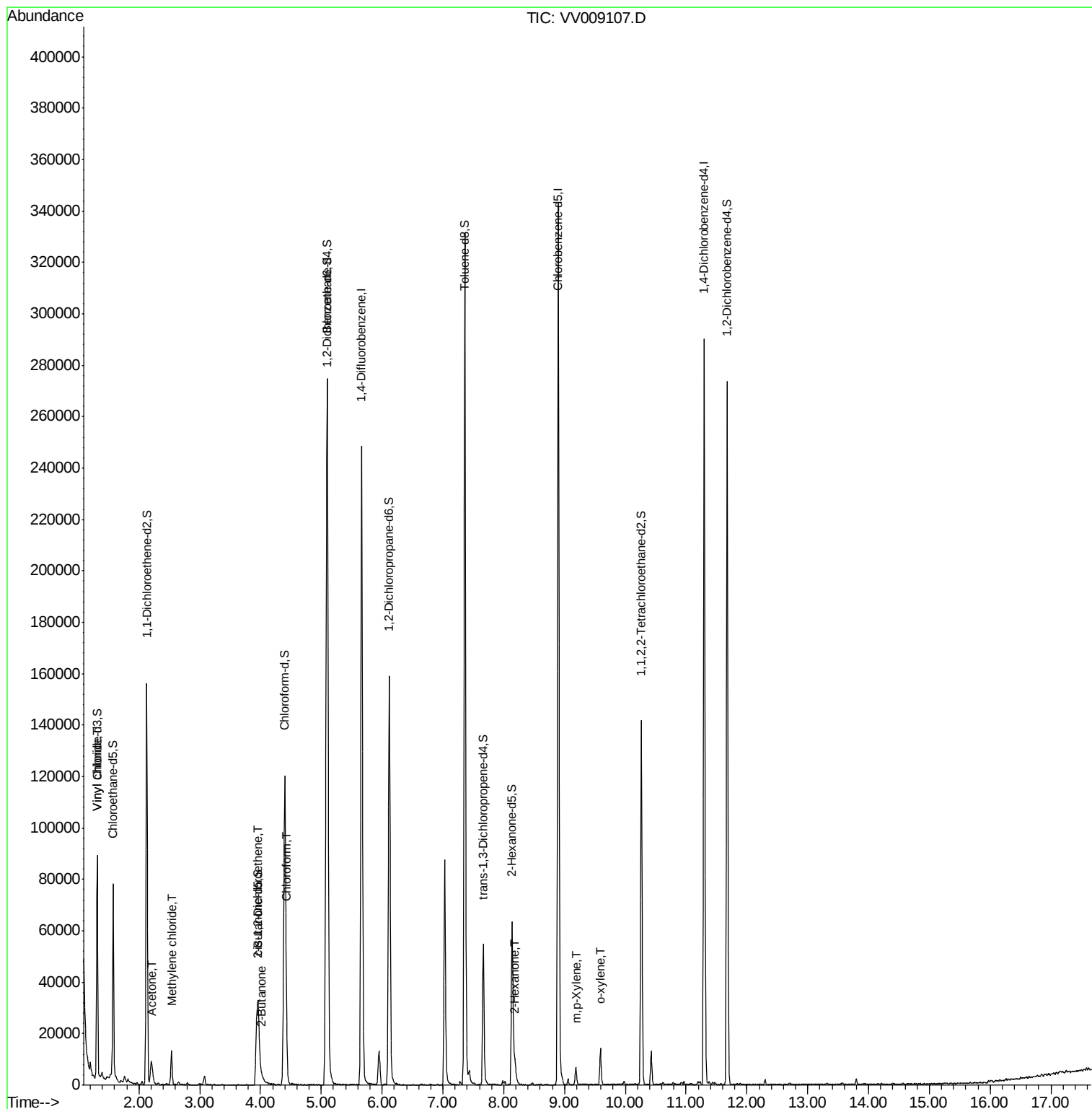
					Qvalue
5) Vinyl chloride	1.32	62	15126	5.428 ug/L	92
13) Acetone	2.21	43	15536	12.630 ug/L	97
16) Methylene chloride	2.54	84	5942	1.592 ug/L	99
21) 2-Butanone	4.02	43	1148	0.996 ug/L	79
22) cis-1,2-Dichloroethene	3.96	96	7375	2.291 ug/L	97
25) Chloroform	4.43	83	3658	0.681 ug/L #	48
49) 2-Hexanone	8.19	43	4168	2.651 ug/L #	83
54) m,p-Xylene	9.19	106	2287	0.453 ug/L	95
55) o-xylene	9.59	106	3646	0.778 ug/L	86

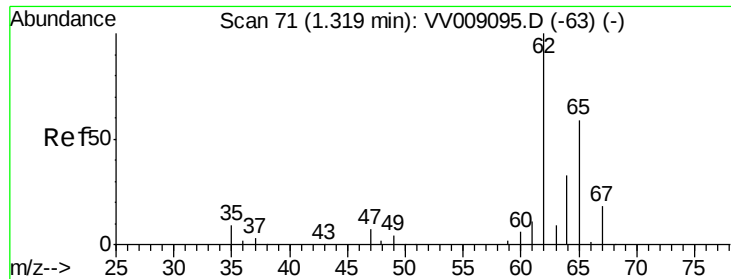
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
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#5

Vinyl chloride

Concen: 5.428 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV009107.D

Acq: 21 Dec 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

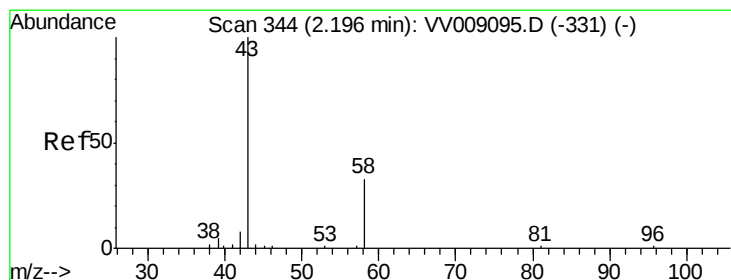
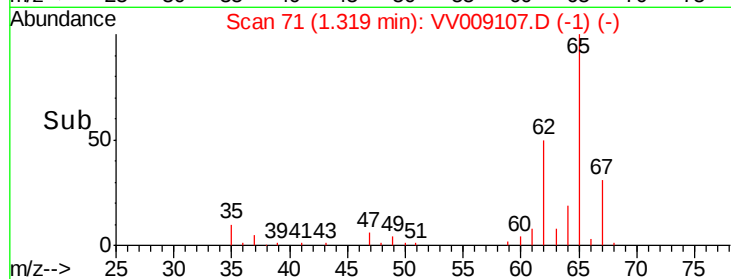
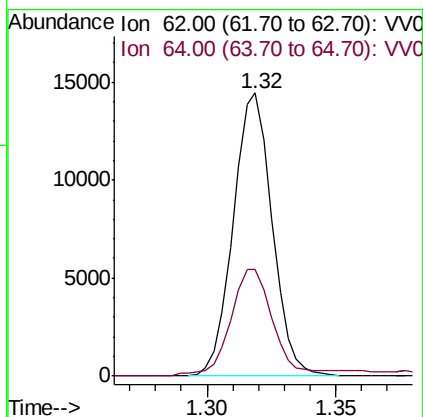
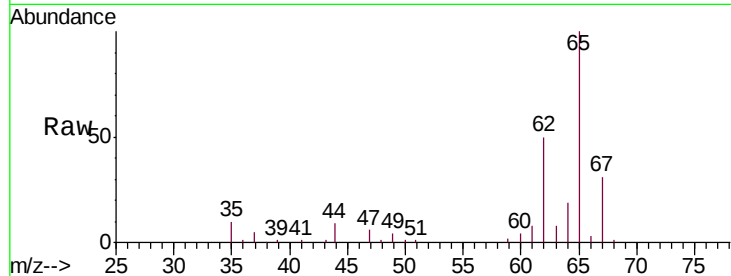
C0JH5

Tgt Ion: 62 Resp: 15126

Ion Ratio Lower Upper

62 100

64 37.6 23.3 43.3



#13

Acetone

Concen: 12.630 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV009107.D

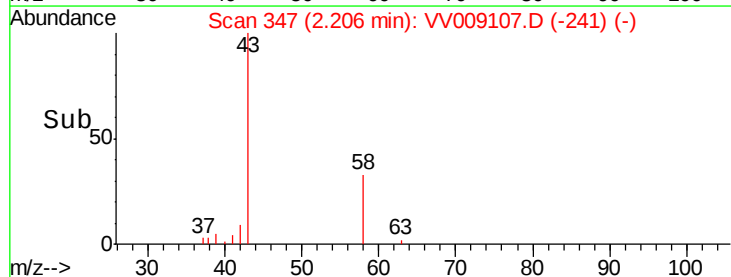
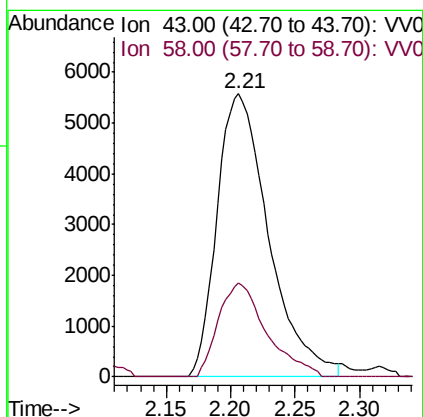
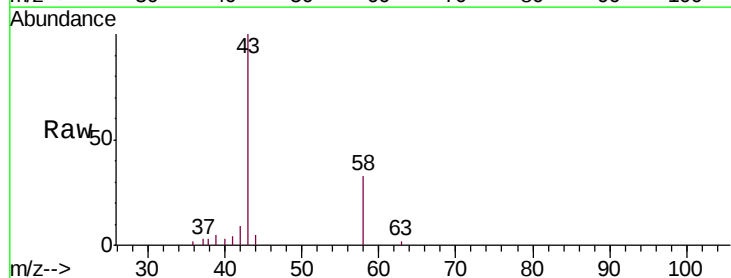
Acq: 21 Dec 2018 02:19

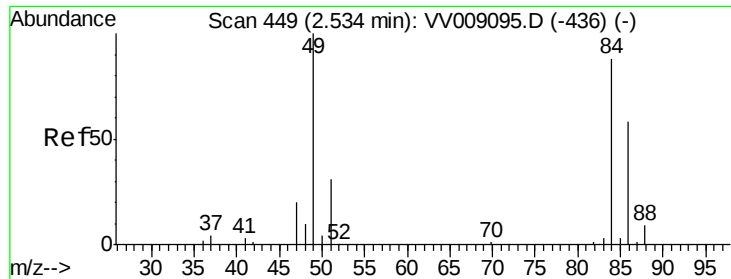
Tgt Ion: 43 Resp: 15536

Ion Ratio Lower Upper

43 100

58 30.9 0.0 65.4

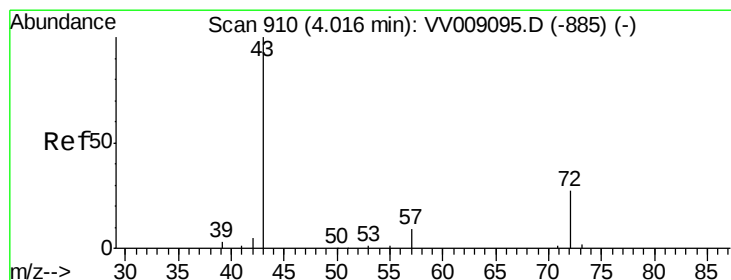
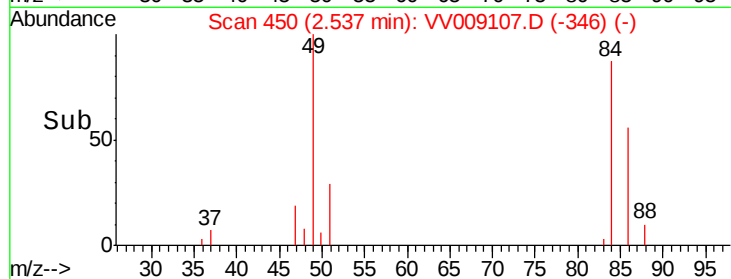
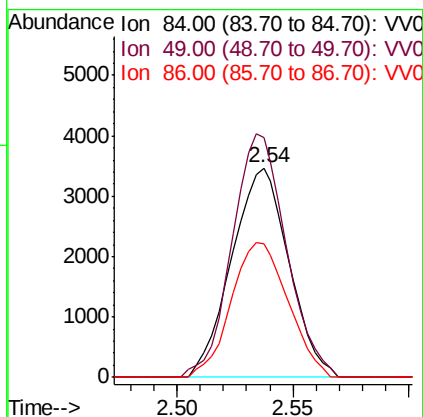
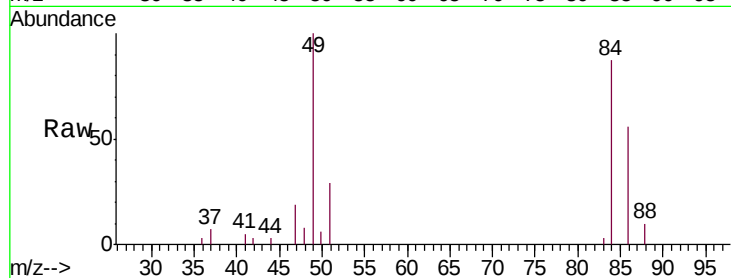




#16
Methylene chloride
Concen: 1.592 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009107.D
Acq: 21 Dec 2018 02:19

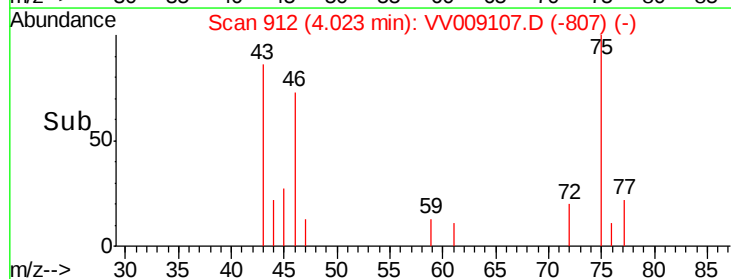
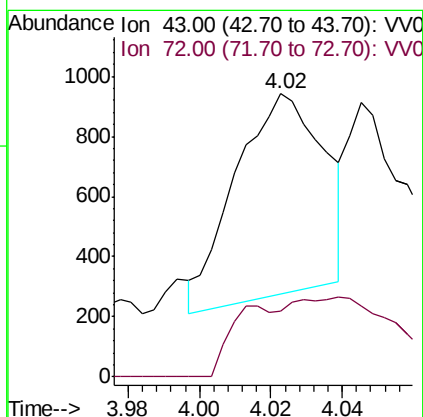
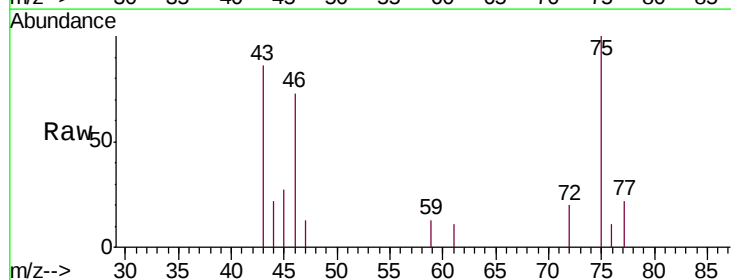
Instrument :
MSVOA_V
ClientSampleId :
C0JH5

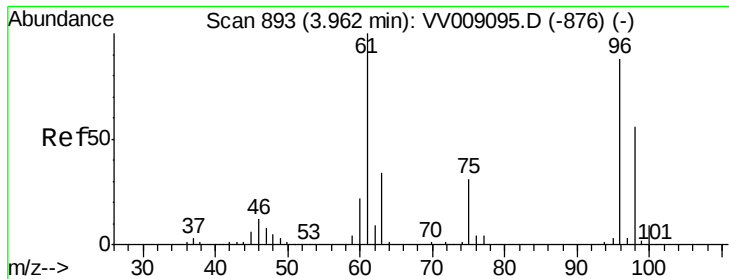
Tgt Ion: 84 Resp: 5942
Ion Ratio Lower Upper
84 100
49 114.3 80.5 149.5
86 64.0 45.5 84.5



#21
2-Butanone
Concen: 0.996 ug/L
RT: 4.02 min Scan# 912
Delta R.T. 0.01 min
Lab File: VV009107.D
Acq: 21 Dec 2018 02:19

Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
72 16.5 13.7 41.1





#22

cis-1,2-Dichloroethene

Concen: 2.291 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV009107.D

Acq: 21 Dec 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

C0JH5

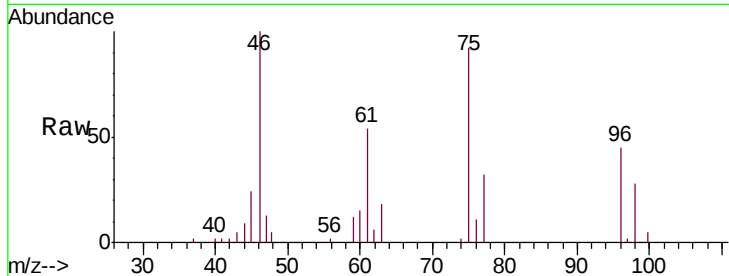
Tgt Ion: 96 Resp: 7375

Ion Ratio Lower Upper

96 100

61 120.6 86.2 160.0

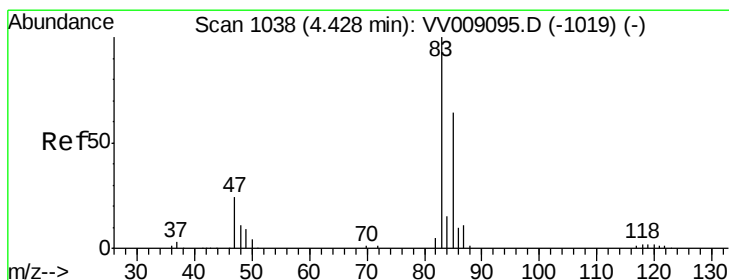
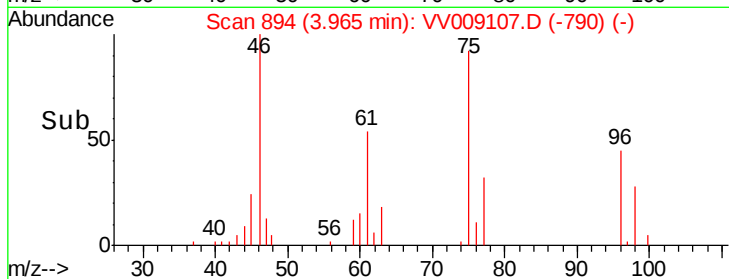
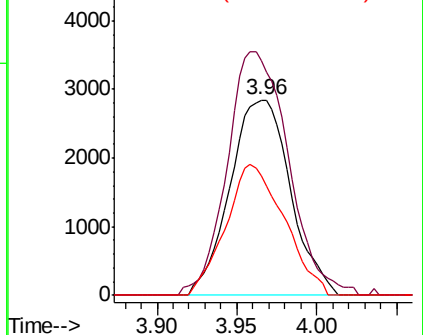
98 61.4 45.6 84.6



Abundance Ion 96.00 (95.70 to 96.70): VV009095.D (-876) (-)

Ion 61.00 (60.70 to 61.70): VV009095.D (-876) (-)

Ion 98.00 (97.70 to 98.70): VV009095.D (-876) (-)



#25

Chloroform

Concen: 0.681 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VV009107.D

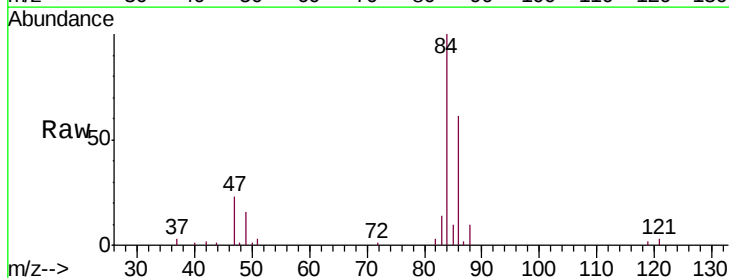
Acq: 21 Dec 2018 02:19

Tgt Ion: 83 Resp: 3658

Ion Ratio Lower Upper

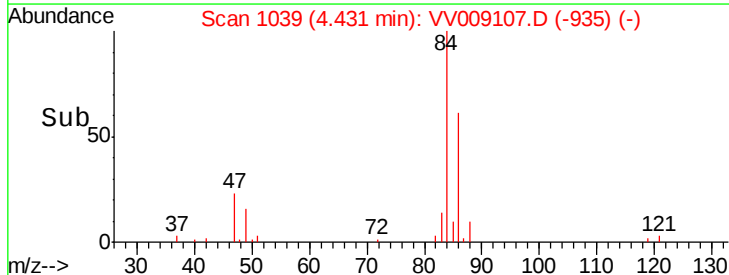
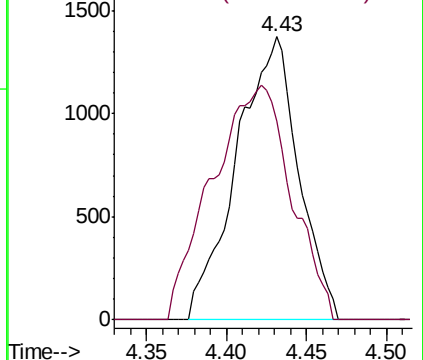
83 100

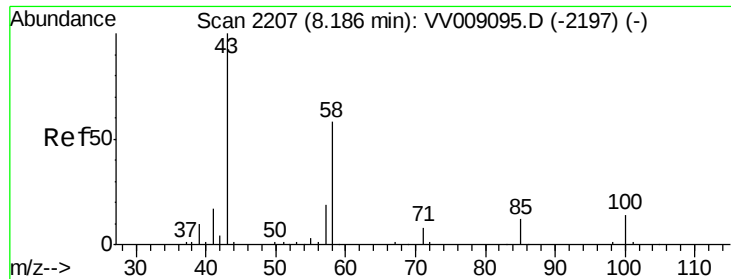
85 106.0 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VV009095.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV009095.D (-1019) (-)

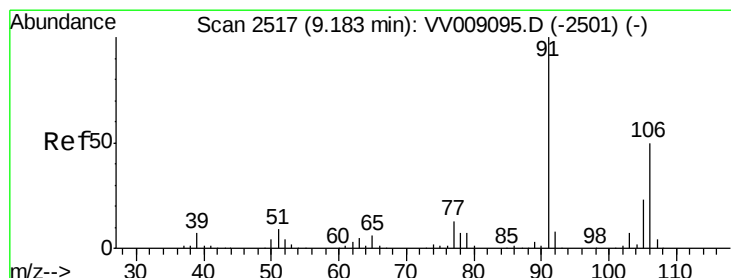
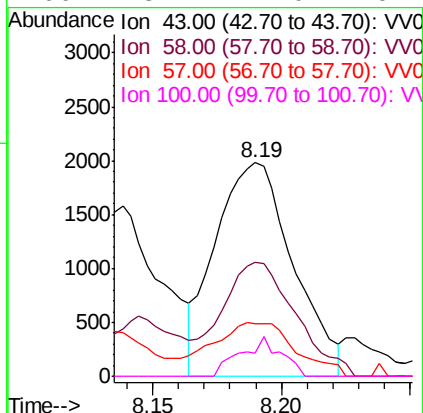
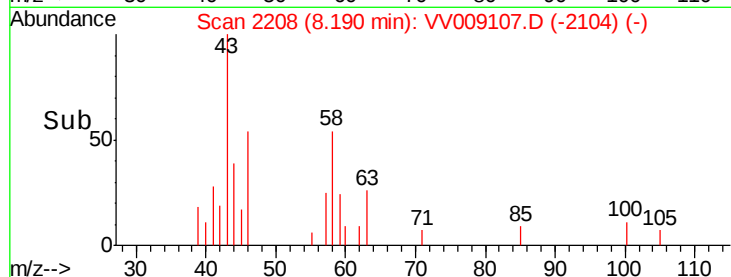
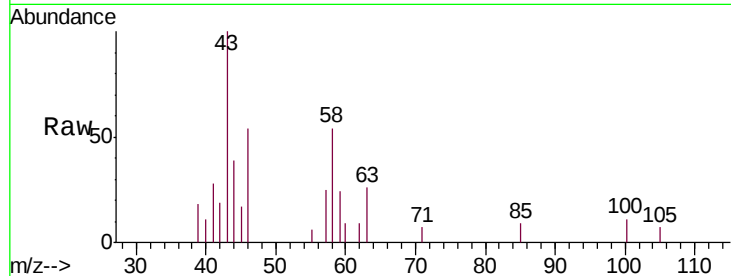




#49
2-Hexanone
Concen: 2.651 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV009107.D
Acq: 21 Dec 2018 02:19

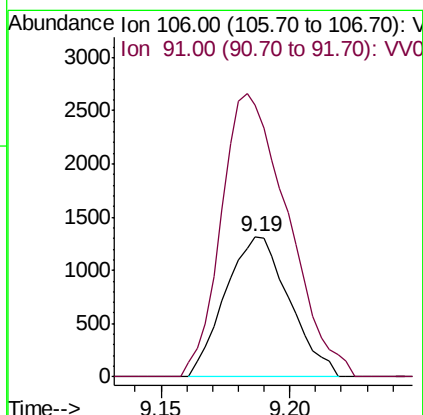
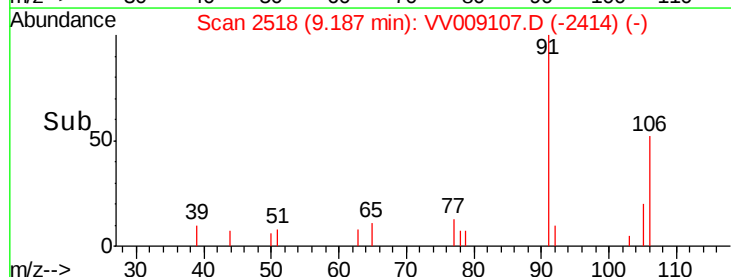
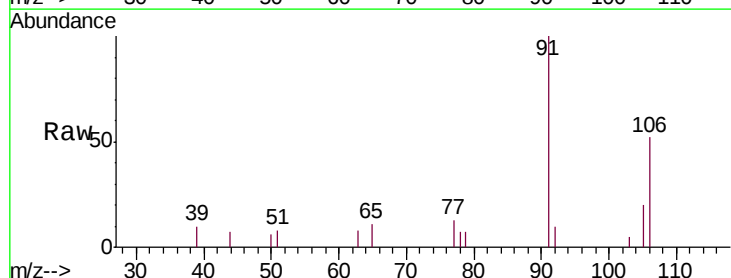
Instrument :
MSVOA_V
ClientSampleId :
C0JH5

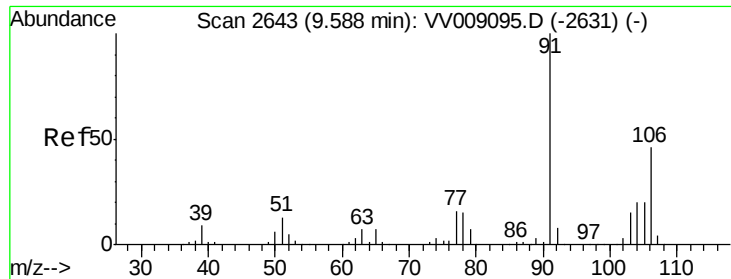
Tgt Ion: 43 Resp: 4168
Ion Ratio Lower Upper
43 100
58 49.9 43.9 65.9
57 0.0 15.7 23.5#
100 5.1 11.0 16.4#



#54
m,p-Xylene
Concen: 0.453 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV009107.D
Acq: 21 Dec 2018 02:19

Tgt Ion: 106 Resp: 2287
Ion Ratio Lower Upper
106 100
91 193.8 141.3 262.3





#55
 o-xylene
 Concen: 0.778 ug/L
 RT: 9.59 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VV009107.D
 Acq: 21 Dec 2018 02:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JH5

Tgt Ion:106 Resp: 3646
 Ion Ratio Lower Upper
 106 100
 91 234.2 148.3 275.5

