

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
 Data File : VV013151.D
 Acq On : 14 Oct 2019 19:17
 Operator : SY/MD
 Sample : K5191-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 15 05:11:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 05:07:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	744459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	704193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176722	37.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.12%
7) Chloroethane-d5	1.58	69	161974	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.13	63	251581	28.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.68%#
21) 2-Butanone-d5	3.96	46	351185	99.25	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.40	84	365218	40.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.64%
26) 1,2-Dichloroethane-d4	5.08	65	265718	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
32) Benzene-d6	5.10	84	785523	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.62%
36) 1,2-Dichloropropane-d6	6.12	67	275883	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.74%
41) Toluene-d8	7.36	98	689527	41.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.02%
43) trans-1,3-Dichloropropene-	7.66	79	108360	40.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.28%
47) 2-Hexanone-d5	8.14	63	201717	86.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.13%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	249451	32.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	319651	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%

Target Compounds

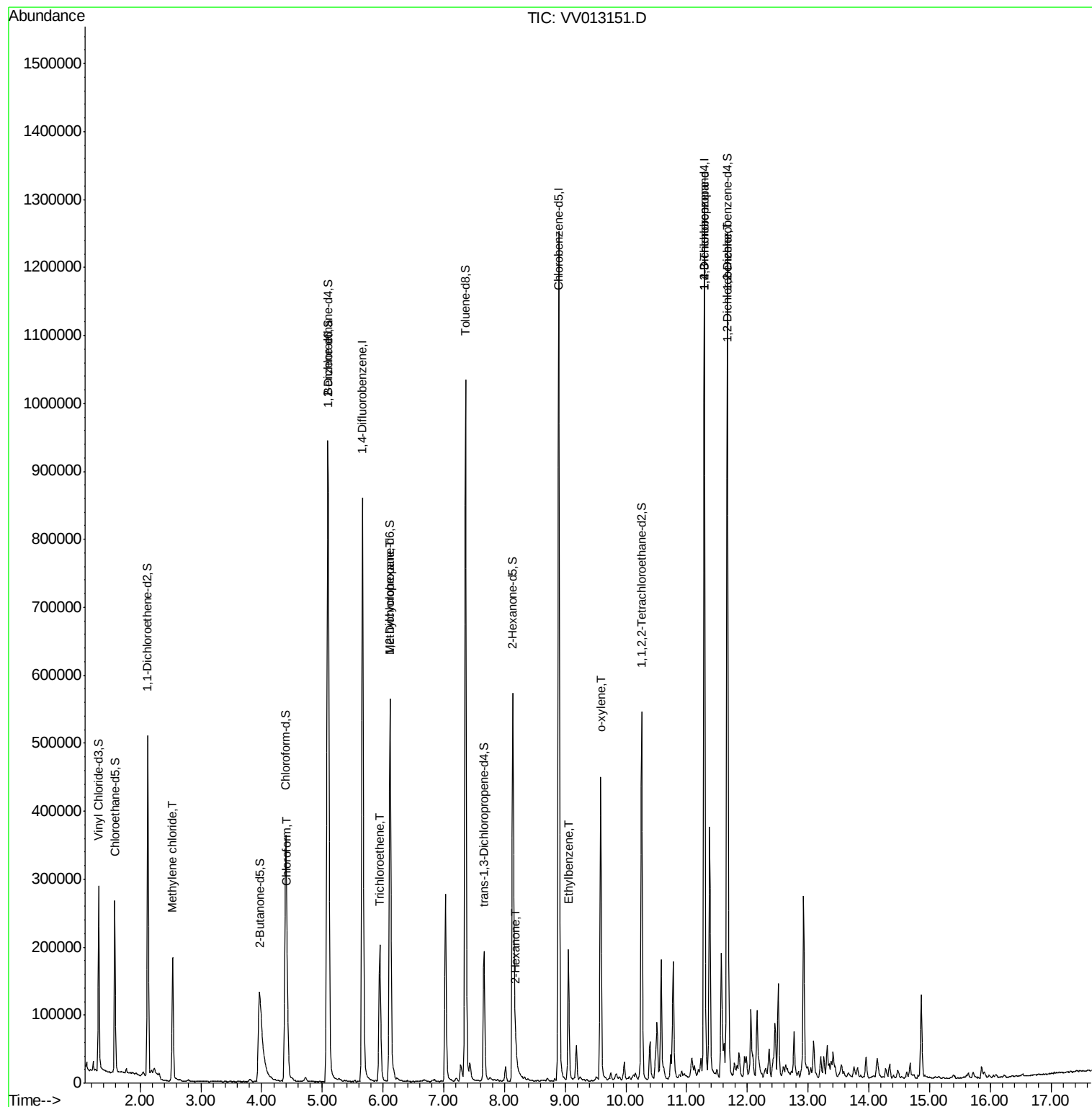
					Ovalue
16) Methylene chloride	2.53	84	75087	13.670	ug/L 95
25) Chloroform	4.43	83	50716	5.328	ug/L 96
34) Trichloroethene	5.96	95	11222	1.965	ug/L 94
35) Methylcyclohexane	6.12	83	65937	7.633	ug/L # 19
48) 2-Hexanone	8.19	43	23084	4.106	ug/L # 84
52) Ethylbenzene	9.05	91	135828	5.759	ug/L 100
54) o-xylene	9.59	106	118498	13.329	ug/L 100
59) 1,2,3-Trichloropropane	11.29	75	37272	5.512	ug/L 89
65) 1,2-Dichlorobenzene	11.68	146	21885	1.976	ug/L 93

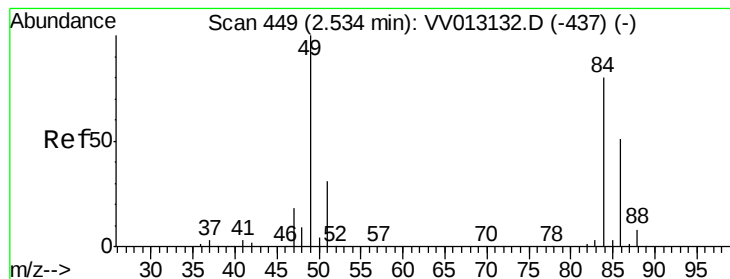
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101419\
Data File : VV013151.D
Acq On : 14 Oct 2019 19:17
Operator : SY/MD
Sample : K5191-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 15 05:11:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 15 05:07:22 2019
Response via : Initial Calibration





#16

Methylene chloride

Concen: 13.670 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013151.D

Acq: 14 Oct 2019 19:17

Instrument :
MSVOA_V
ClientSampleId :

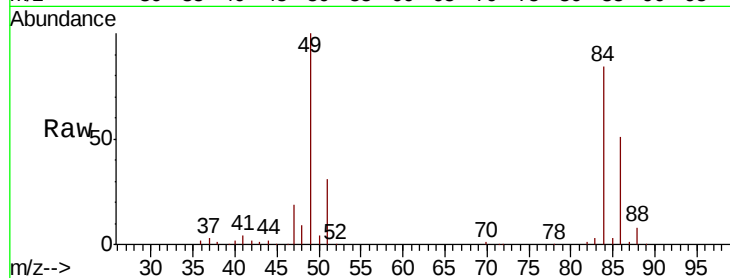
Tot Ion: 84 Resp: 75087

Ion Ratio Lower Upper

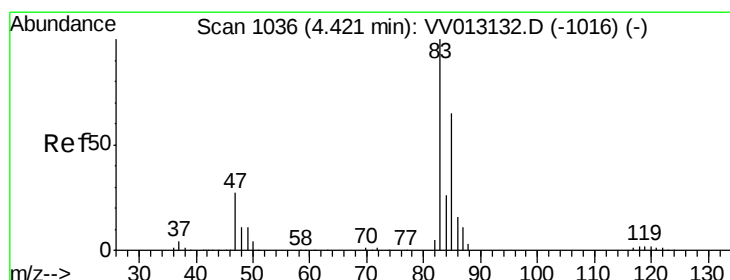
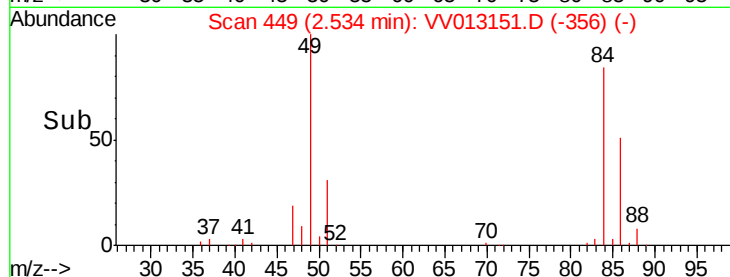
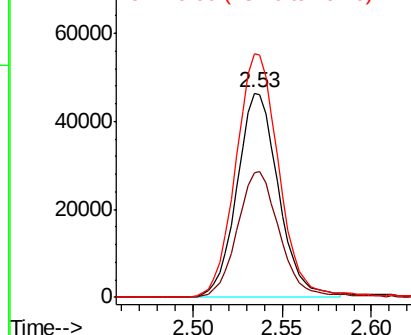
84 100

86 61.1 45.1 83.9

49 119.2 87.8 163.0



Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0



#25

Chloroform

Concen: 5.328 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV013151.D

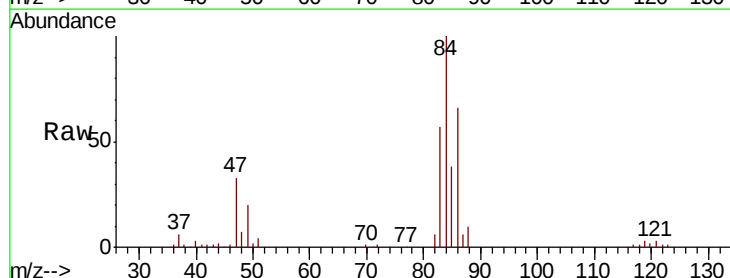
Acq: 14 Oct 2019 19:17

Tgt Ion: 83 Resp: 50716

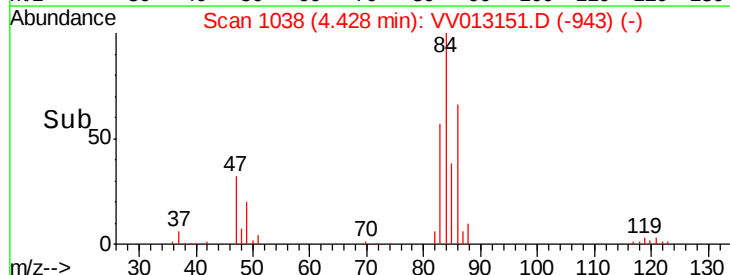
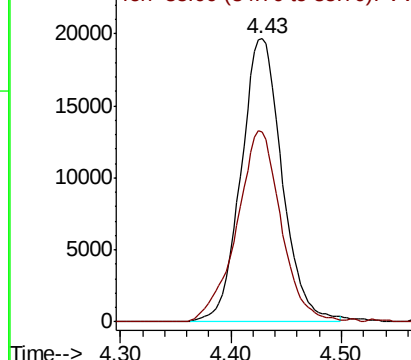
Ion Ratio Lower Upper

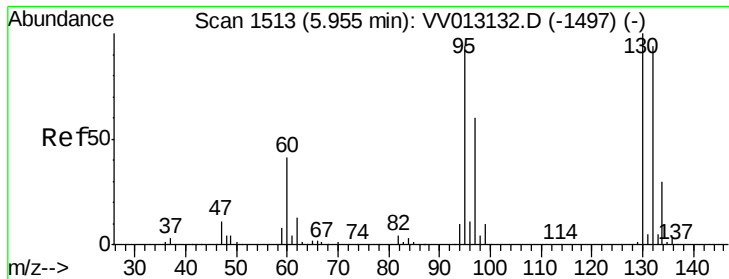
83 100

85 67.1 44.7 82.9



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

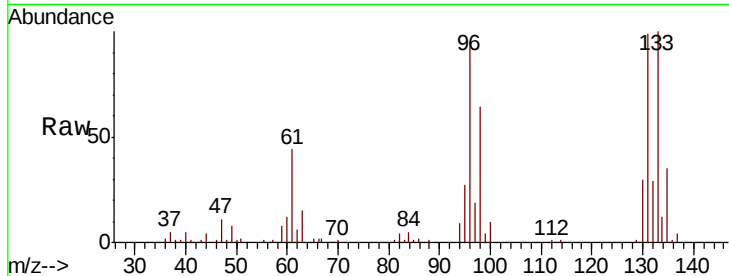




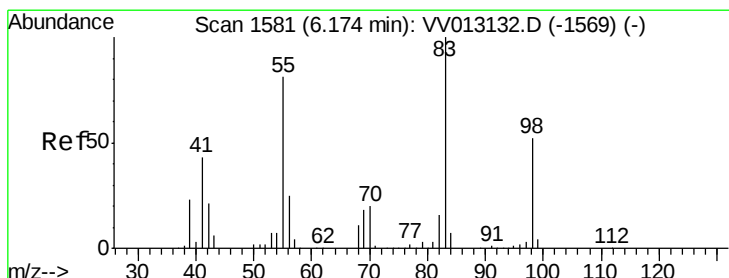
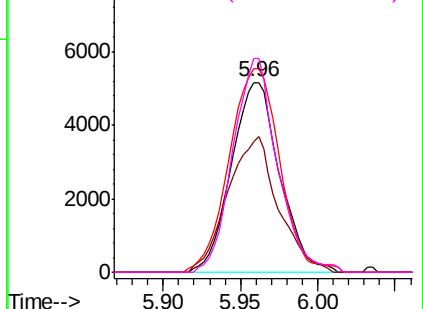
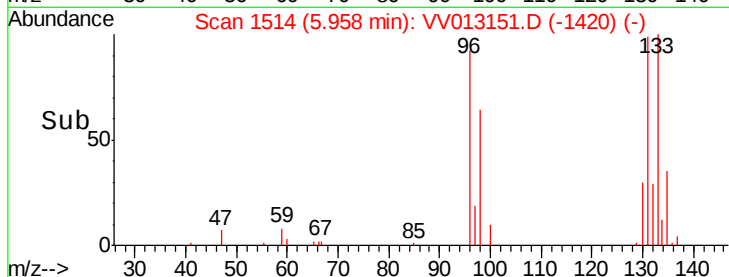
#34
 Trichloroethene
 Concen: 1.965 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV013151.D
 Acq: 14 Oct 2019 19:17

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 11222
 Ion Ratio Lower Upper
 95 100
 97 69.0 44.7 82.9
 132 107.3 71.4 132.6
 130 112.4 74.2 137.8

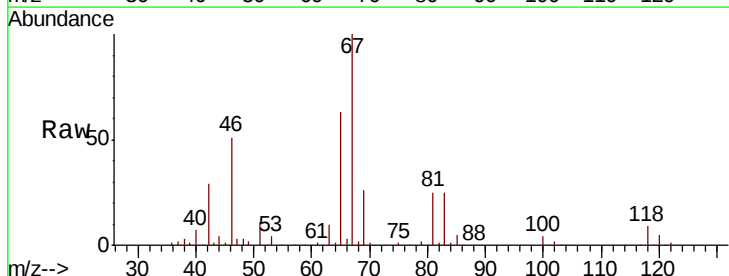


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

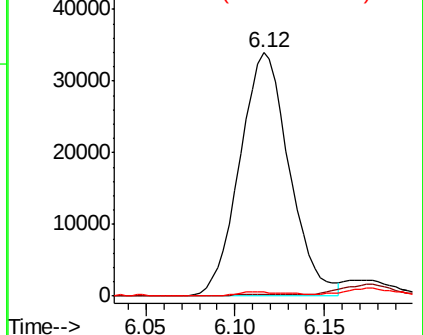
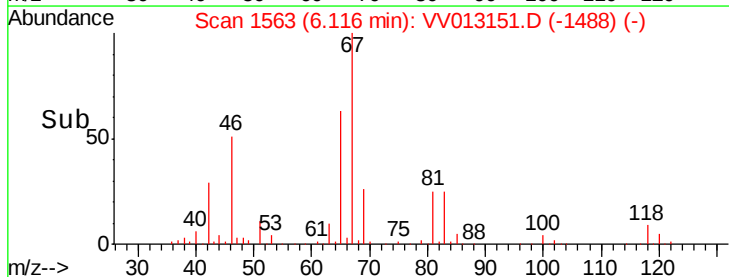


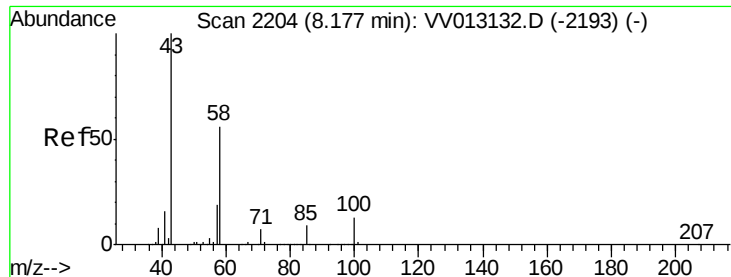
#35
 Methylcyclohexane
 Concen: 7.633 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV013151.D
 Acq: 14 Oct 2019 19:17

Tgt Ion: 83 Resp: 65937
 Ion Ratio Lower Upper
 83 100
 55 0.7 61.2 91.8#
 98 0.9 40.1 60.1#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

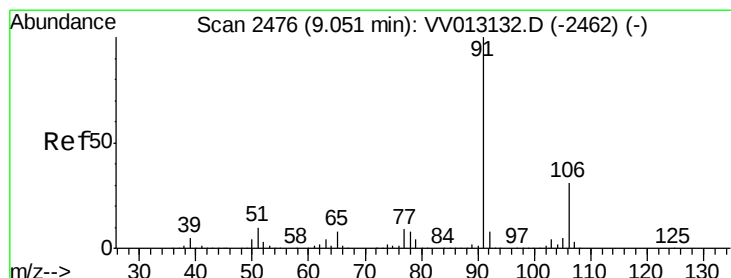
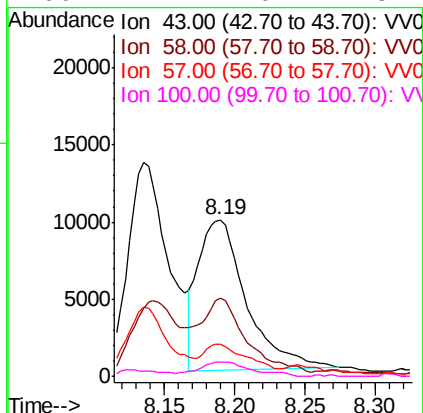
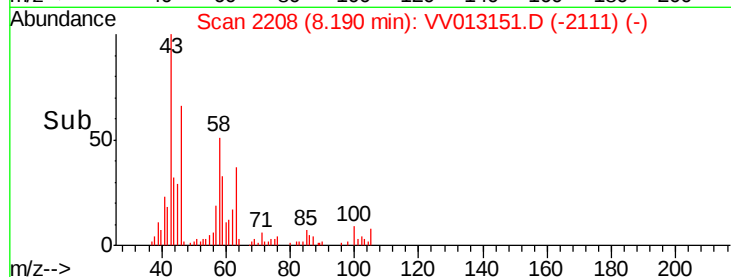
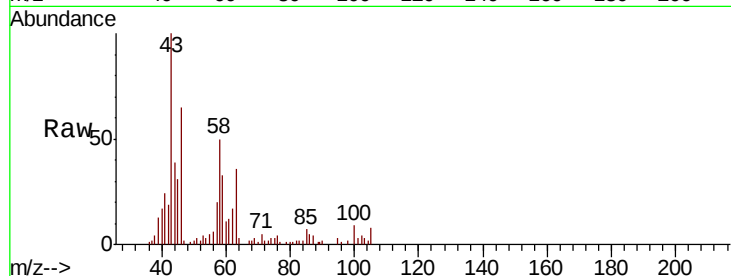




#48
2-Hexanone
Concen: 4.106 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

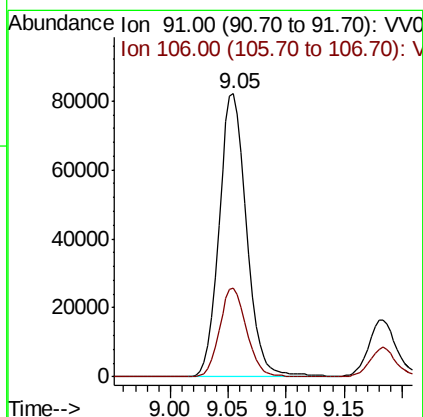
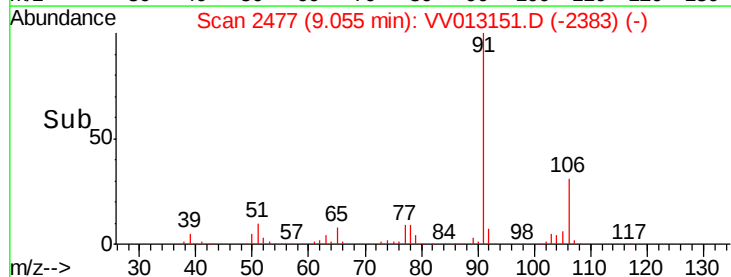
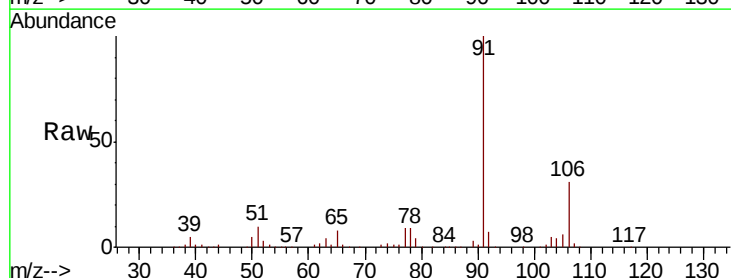
Instrument :
MSVOA_V
ClientSampleId :

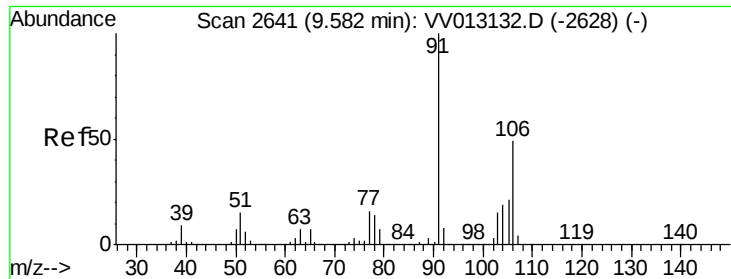
Tot Ion: 43 Resp: 23084
Ion Ratio Lower Upper
43 100
58 40.8 44.9 67.3#
57 18.2 15.0 22.6
100 7.1 10.2 15.2#



#52
Ethylbenzene
Concen: 5.759 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013151.D
Acq: 14 Oct 2019 19:17

Tgt Ion: 91 Resp: 135828
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4





#54

o-xylene

Concen: 13.329 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013151.D

Acq: 14 Oct 2019 19:17

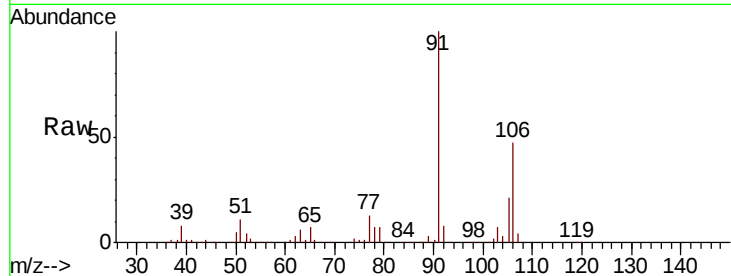
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 118498

Ion Ratio Lower Upper

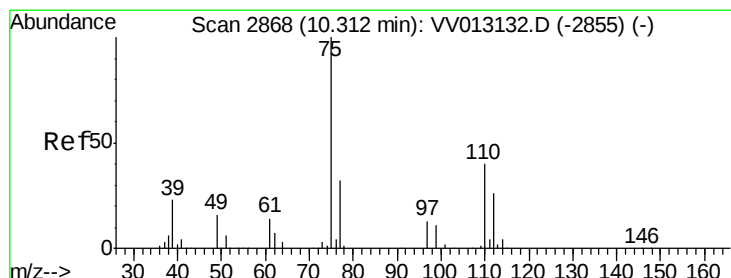
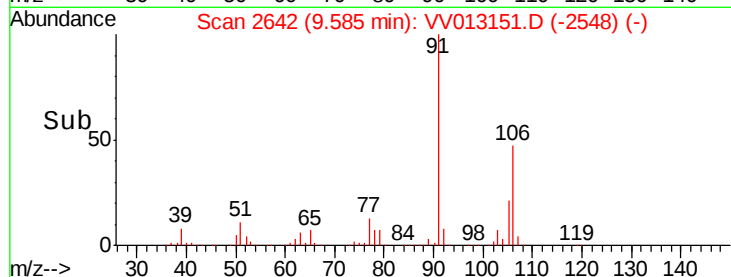
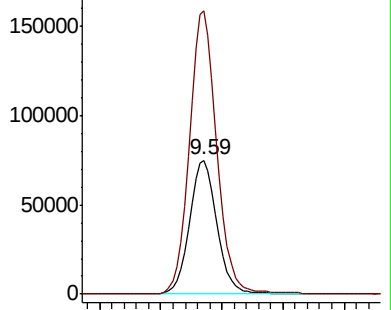
106 100

91 211.7 147.6 274.2



Abundance Ion 106.00 (105.70 to 106.70): VV013132.D (-2628) (-)

Ion 91.00 (90.70 to 91.70): VV013132.D (-2628) (-)



#59

1,2,3-Trichloropropane

Concen: 5.512 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV013151.D

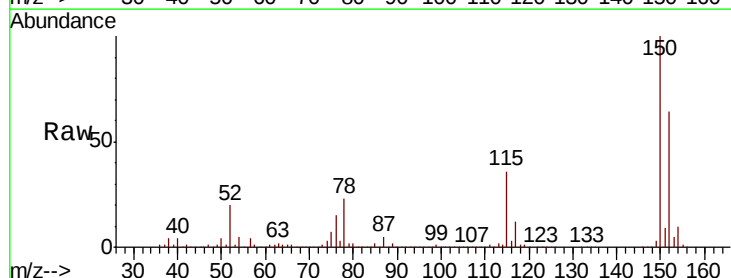
Acq: 14 Oct 2019 19:17

Tgt Ion: 75 Resp: 37272

Ion Ratio Lower Upper

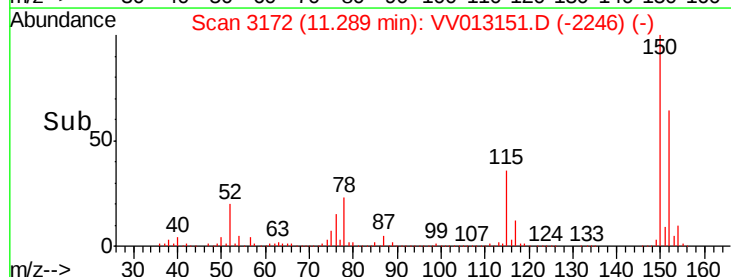
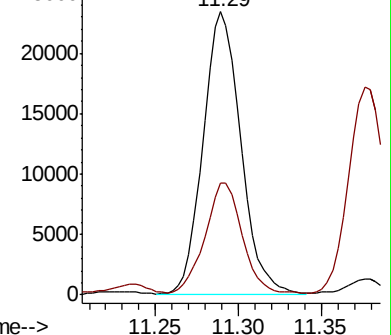
75 100

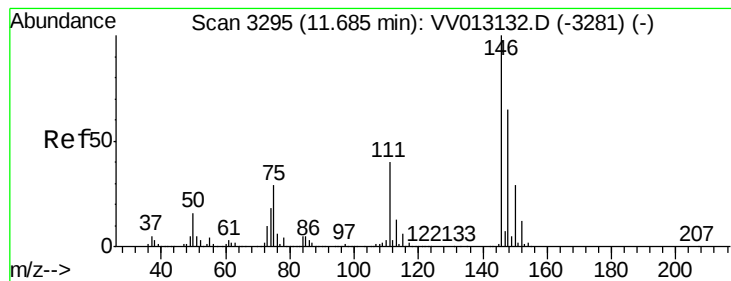
77 38.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV013132.D (-2855) (-)

Ion 77.00 (76.70 to 77.70): VV013132.D (-2855) (-)





#65

1,2-Dichlorobenzene

Concen: 1.976 ug/L

RT: 11.68 min Scan# 3295

Delta R.T. 0.00 min

Lab File: VV013151.D

Acq: 14 Oct 2019 19:17

Instrument :

MSVOA_V

ClientSampleId :

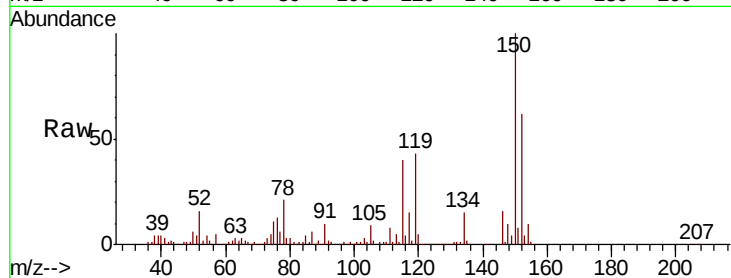
Tot Ion:146 Resp: 21885

Ion Ratio Lower Upper

146 100

111 47.7 32.2 48.2

148 65.7 50.6 76.0



Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

