

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013378.D
 Acq On : 26 Oct 2019 17:05
 Operator : SY/MD
 Sample : K5567-06
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:50:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 29 13:11:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	459030	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	499492	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	253084	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	174732	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.59	69	146613	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.13	63	221843	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.95	46	380155	58.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.98%
24) Chloroform-d	4.40	84	372424	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.08	65	177920	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	775709	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	228193	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	669128	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.66	79	72737	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.14	63	206871	31.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	139098	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	268449	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

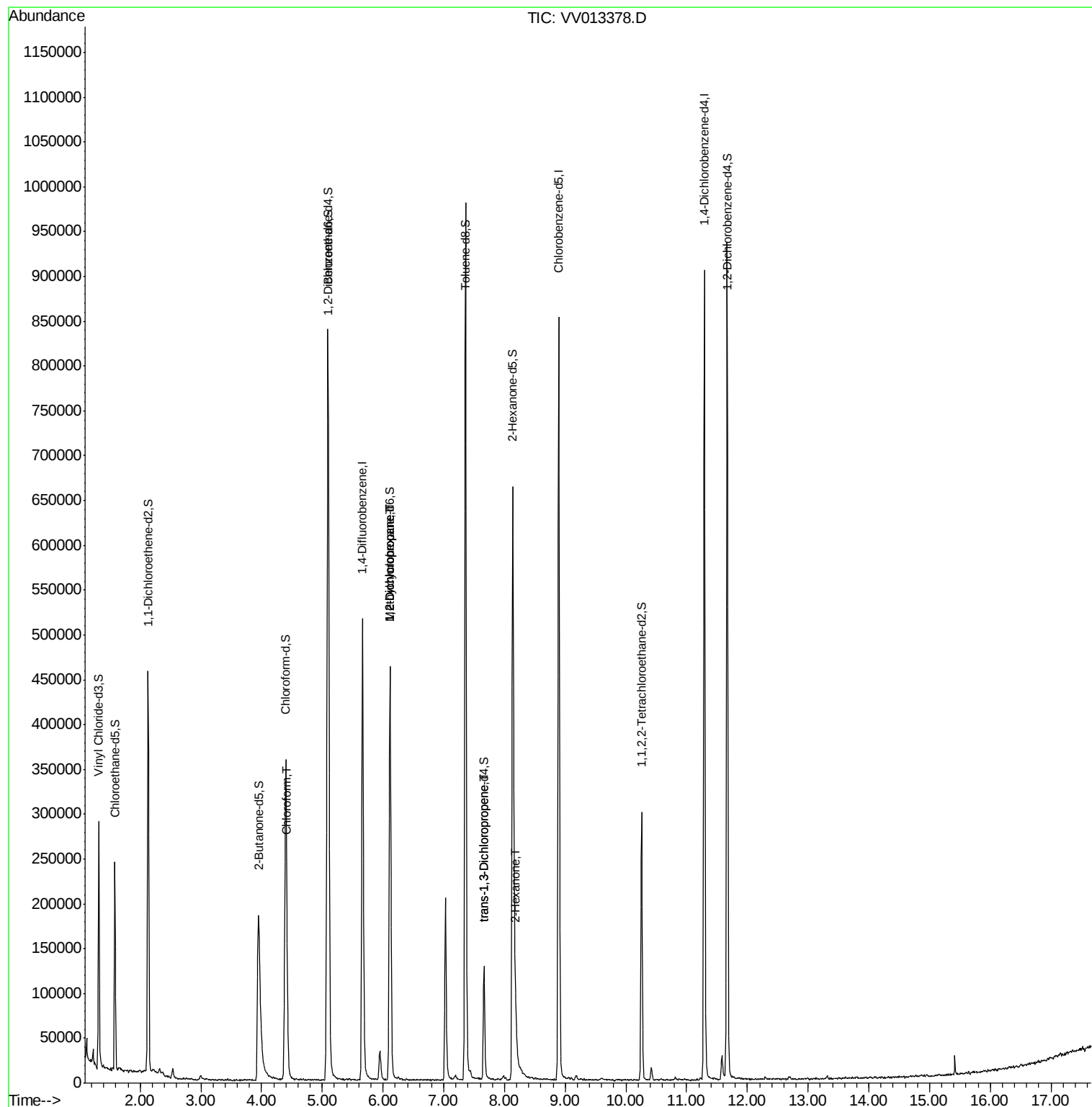
					Ovalue
25) Chloroform	4.42	83	15674	0.174 ug/L	97
35) Methylcyclohexane	6.12	83	56127	0.713 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	23898	0.516 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	2912	0.059 ug/L #	60
48) 2-Hexanone	8.18	43	37245	2.203 ug/L #	84

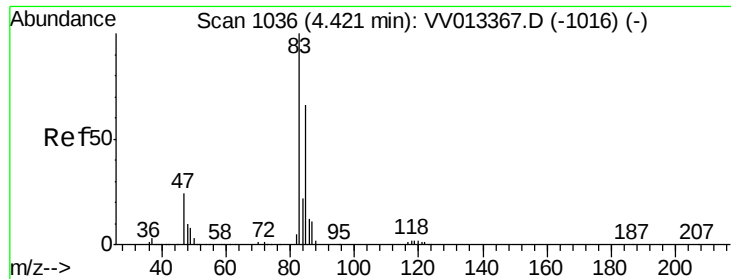
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.174 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013378.D

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Instrument :

MSVOA_V

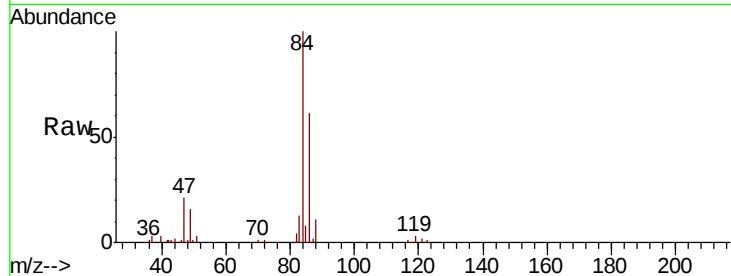
ClientSampleId :

Tot Ion: 83 Resp: 15674

Ion Ratio Lower Upper

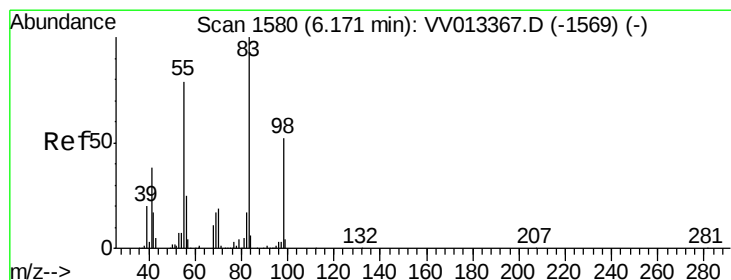
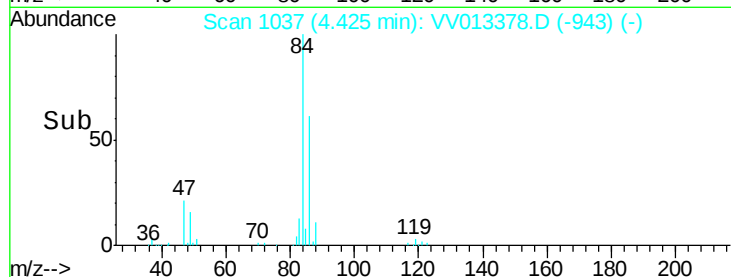
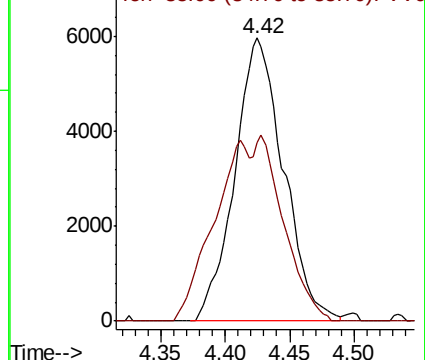
83 100

85 63.2 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV013378.D

Acq: 26 Oct 2019 17:05

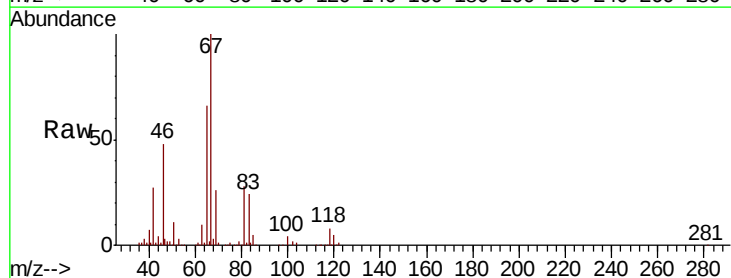
Tgt Ion: 83 Resp: 56127

Ion Ratio Lower Upper

83 100

55 1.0 62.4 93.6#

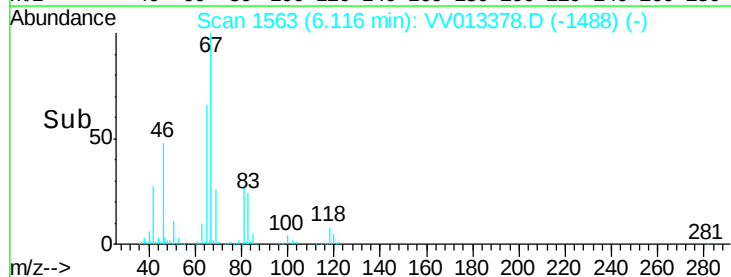
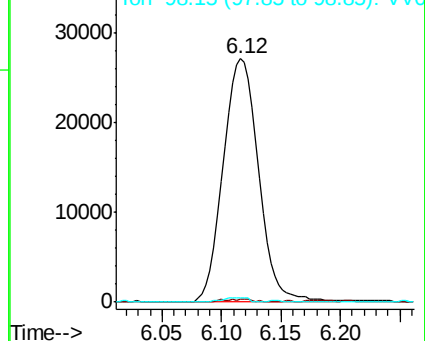
98 1.4 39.2 58.8#

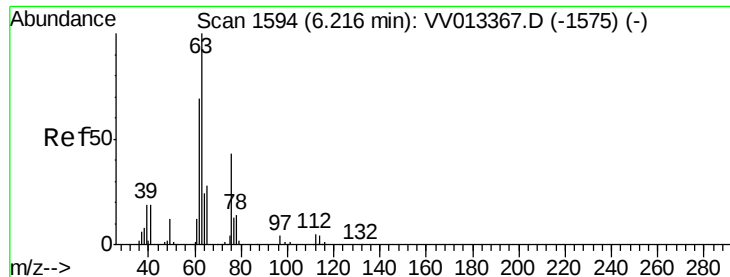


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.516 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013378.D

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Instrument :

MSVOA_V

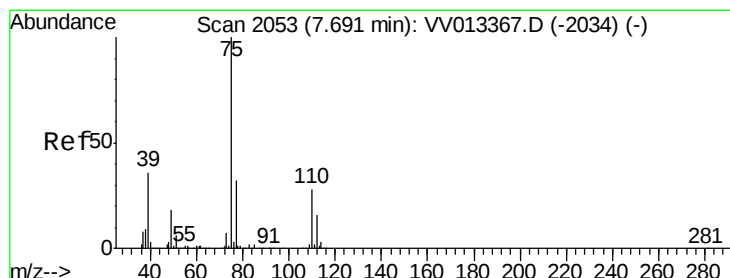
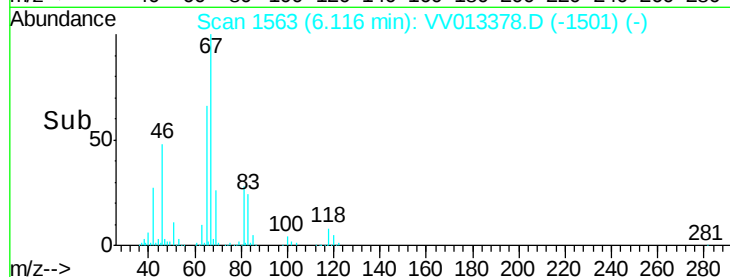
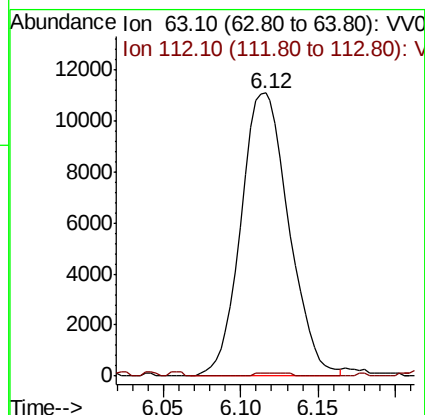
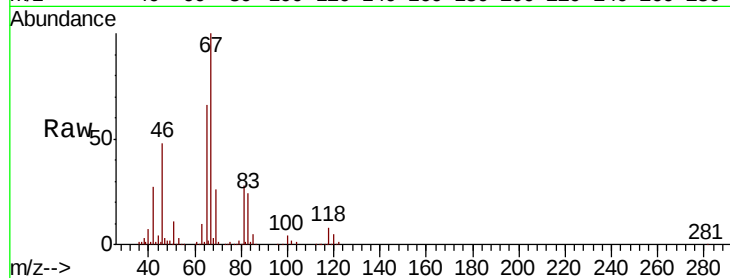
ClientSampleId :

Tot Ion: 63 Resp: 23898

Ion Ratio Lower Upper

63 100

112 0.8 4.1 6.1#



#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV013378.D

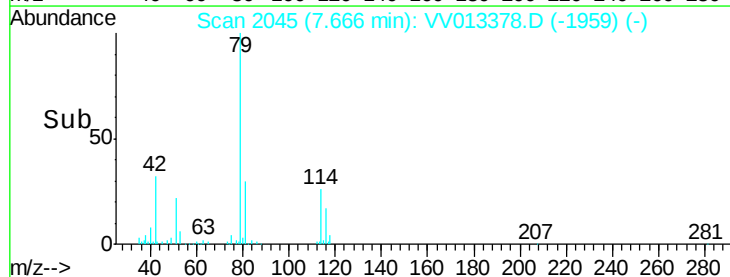
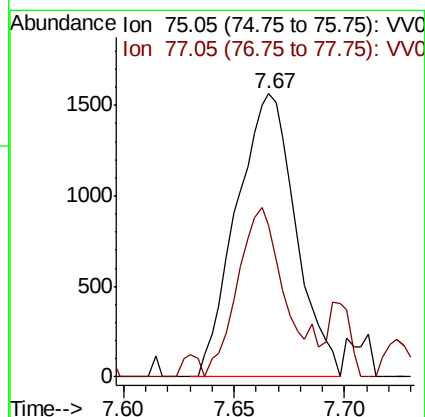
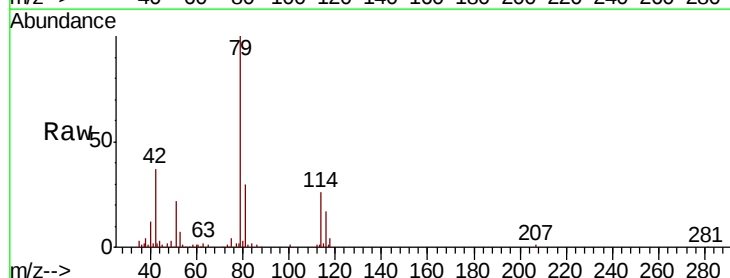
Acq: 26 Oct 2019 17:05

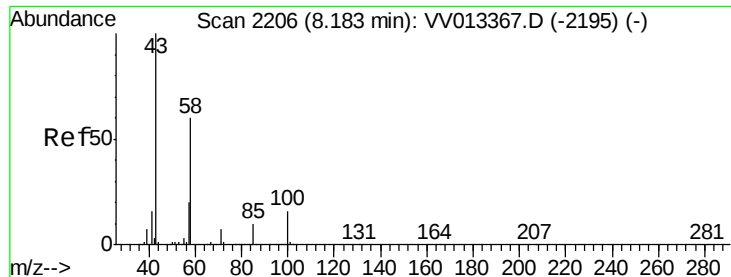
Tgt Ion: 75 Resp: 2912

Ion Ratio Lower Upper

75 100

77 53.4 21.8 40.6#





#48

2-Hexanone

Concen: 2.203 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013378.D

Acq: 26 Oct 2019 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	37245
Ion	Ratio	Lower	Upper
43	100		
58	48.2	45.1	67.7
57	2.0	15.5	23.3#
100	10.1	10.2	15.2#

