

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013374.D
 Acq On : 26 Oct 2019 15:29
 Operator : SY/MD
 Sample : K5567-02
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:49:57 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	459521	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	495430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	250990	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	182737	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.59	69	156682	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.13	63	225375	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.96	46	386546	59.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.82%
24) Chloroform-d	4.40	84	391409	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	186631	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.10	84	813545	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	237642	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	703302	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.66	79	76939	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	233575	35.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	161155	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	282757	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

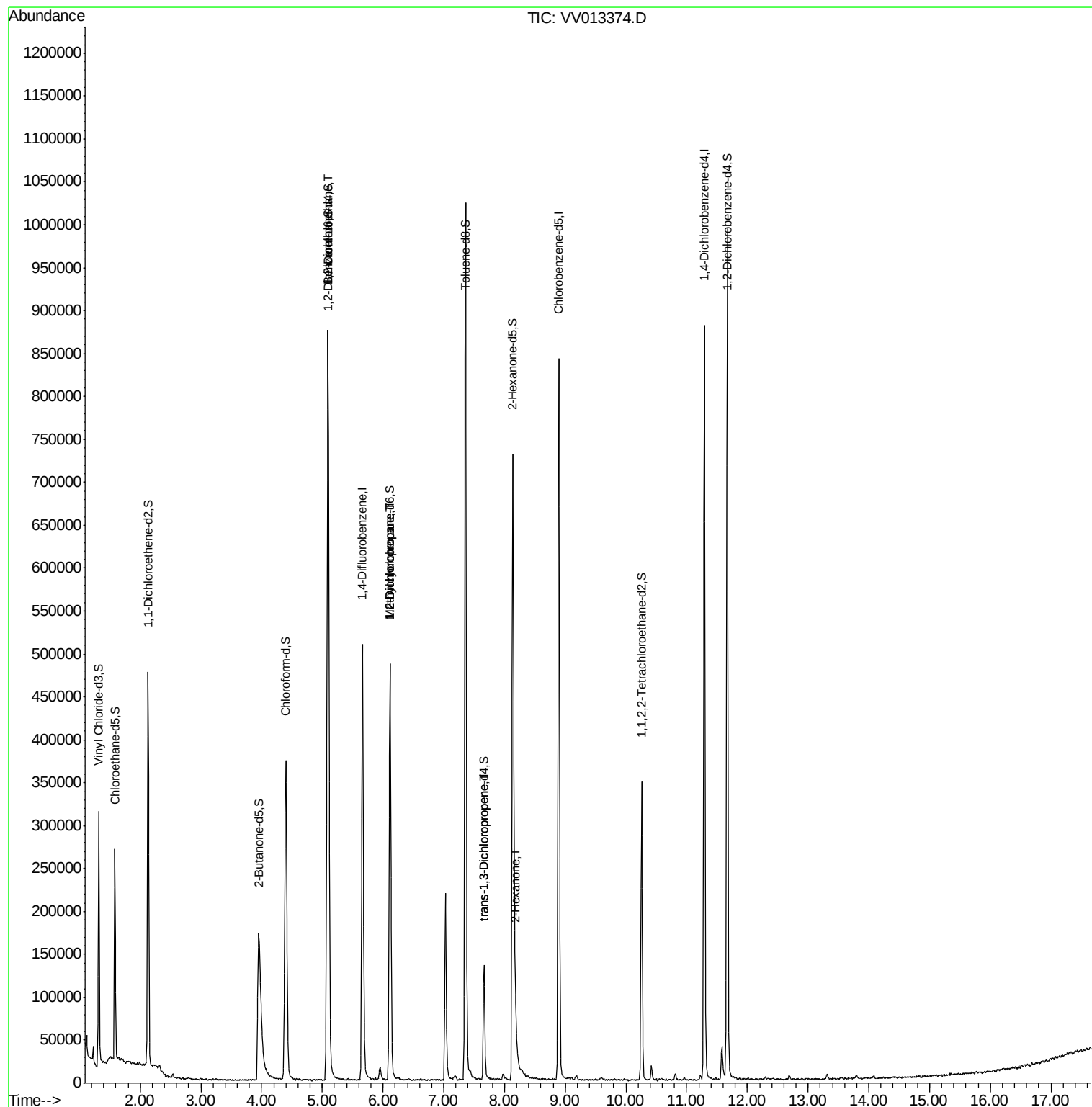
					Ovalue
27) 1,2-Dichloroethane	5.10	62	4243	0.088 ug/L	95
35) Methylcyclohexane	6.12	83	58922	0.754 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	24487	0.533 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	3548	0.072 ug/L	88
48) 2-Hexanone	8.18	43	31067	1.853 ug/L #	41

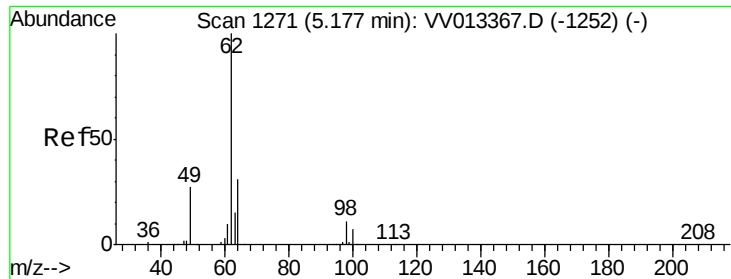
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 0.088 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV013374.D

Acq: 26 Oct 2019 15:29

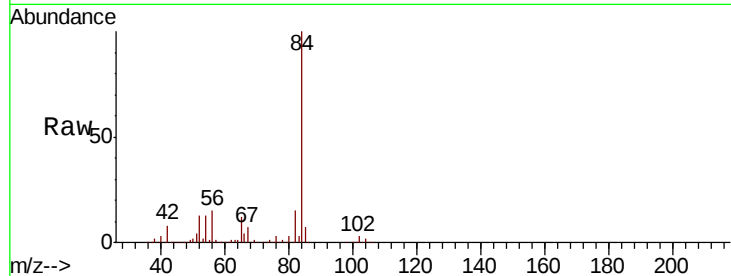
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 4243

Ion Ratio Lower Upper

62 100

98 8.7 8.3 12.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

2500

2000

1500

1000

500

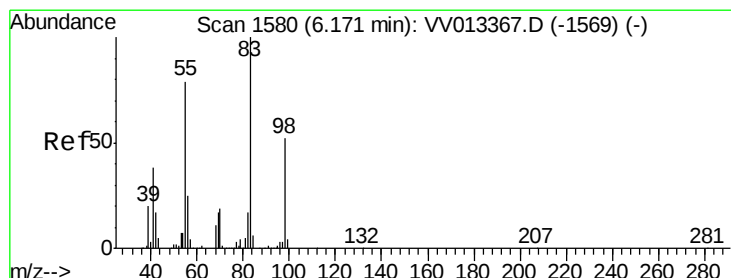
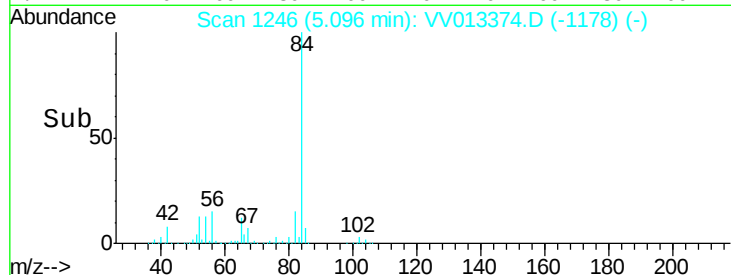
0

Time-->

5.05

5.10

5.15



#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV013374.D

Acq: 26 Oct 2019 15:29

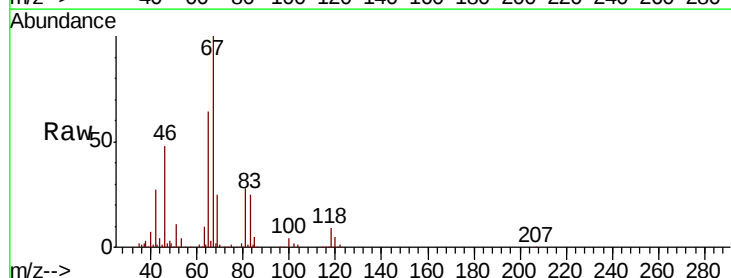
Tgt Ion: 83 Resp: 58922

Ion Ratio Lower Upper

83 100

55 0.9 62.4 93.6#

98 0.7 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

40000

30000

20000

10000

0

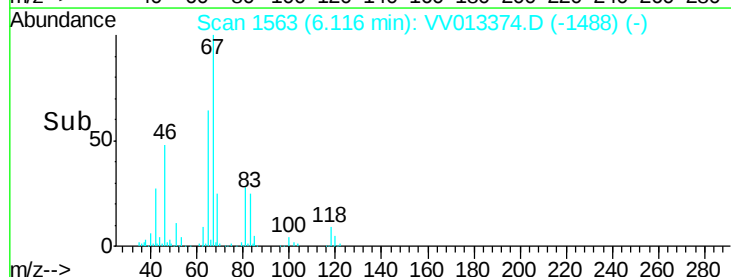
Time-->

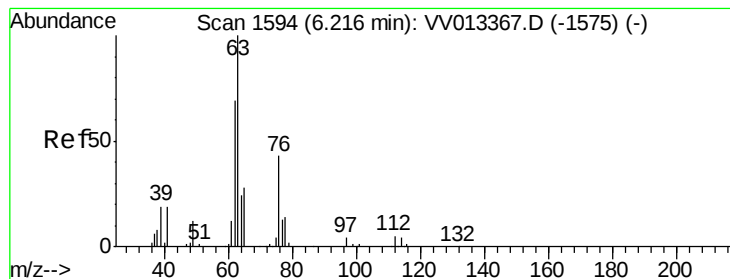
6.05

6.10

6.15

6.20





#37

1,2-Dichloropropane

Concen: 0.533 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV013374.D

Acq: 26 Oct 2019 15:29

Instrument :

MSVOA_V

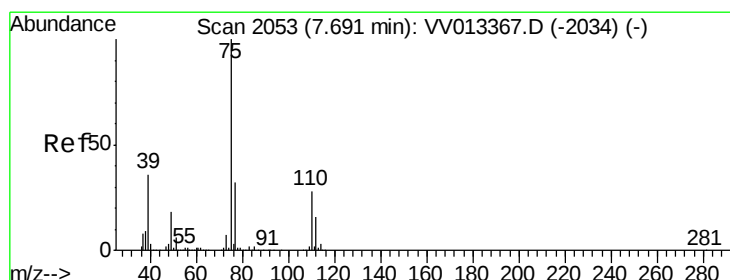
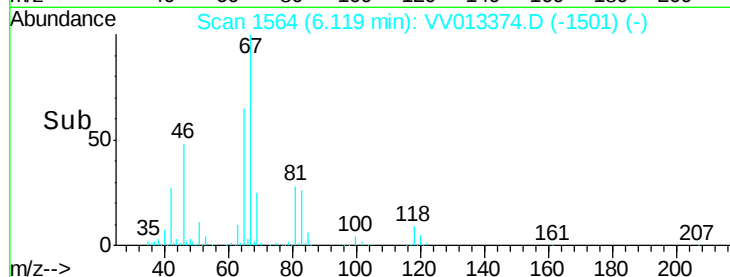
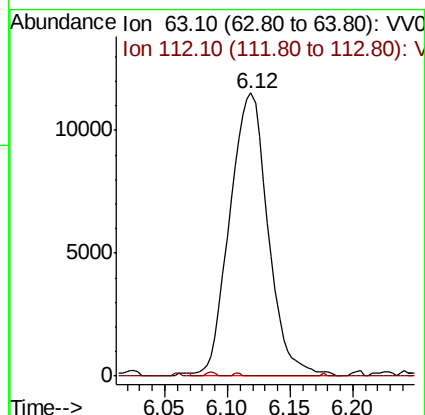
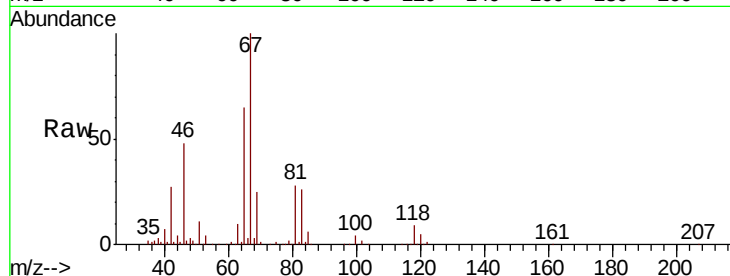
ClientSampled :

Tot Ion: 63 Resp: 24487

Ion Ratio Lower Upper

63 100

112 0.2 4.1 6.1#



#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV013374.D

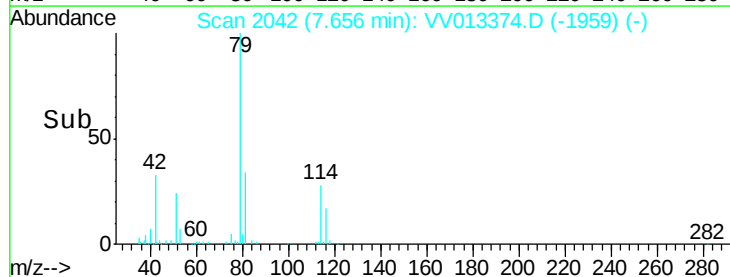
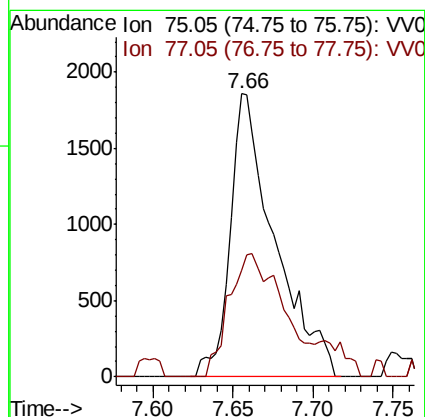
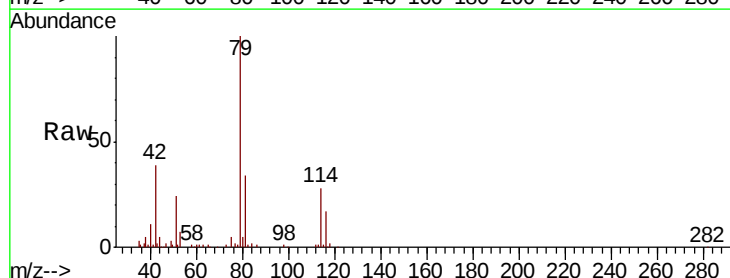
Acq: 26 Oct 2019 15:29

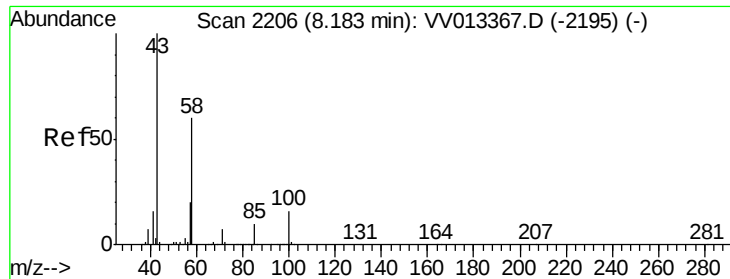
Tgt Ion: 75 Resp: 3548

Ion Ratio Lower Upper

75 100

77 37.9 21.8 40.6





#48

2-Hexanone

Concen: 1.853 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013374.D

Acq: 26 Oct 2019 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 31067

Ion Ratio Lower Upper

43 100

58 0.0 45.1 67.7#

57 0.0 15.5 23.3#

100 9.8 10.2 15.2#

