

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102619\
 Data File : VV013379.D
 Acq On : 26 Oct 2019 17:29
 Operator : SY/MD
 Sample : K5567-07
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 29 13:50:31 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	465075	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	506282	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	257435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	175769	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	154010	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	219640	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.95	46	378343	57.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.92%
24) Chloroform-d	4.40	84	368077	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	182417	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	784620	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	234695	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	674780	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.66	79	74821	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.13	63	216941	32.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142797	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	275342	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

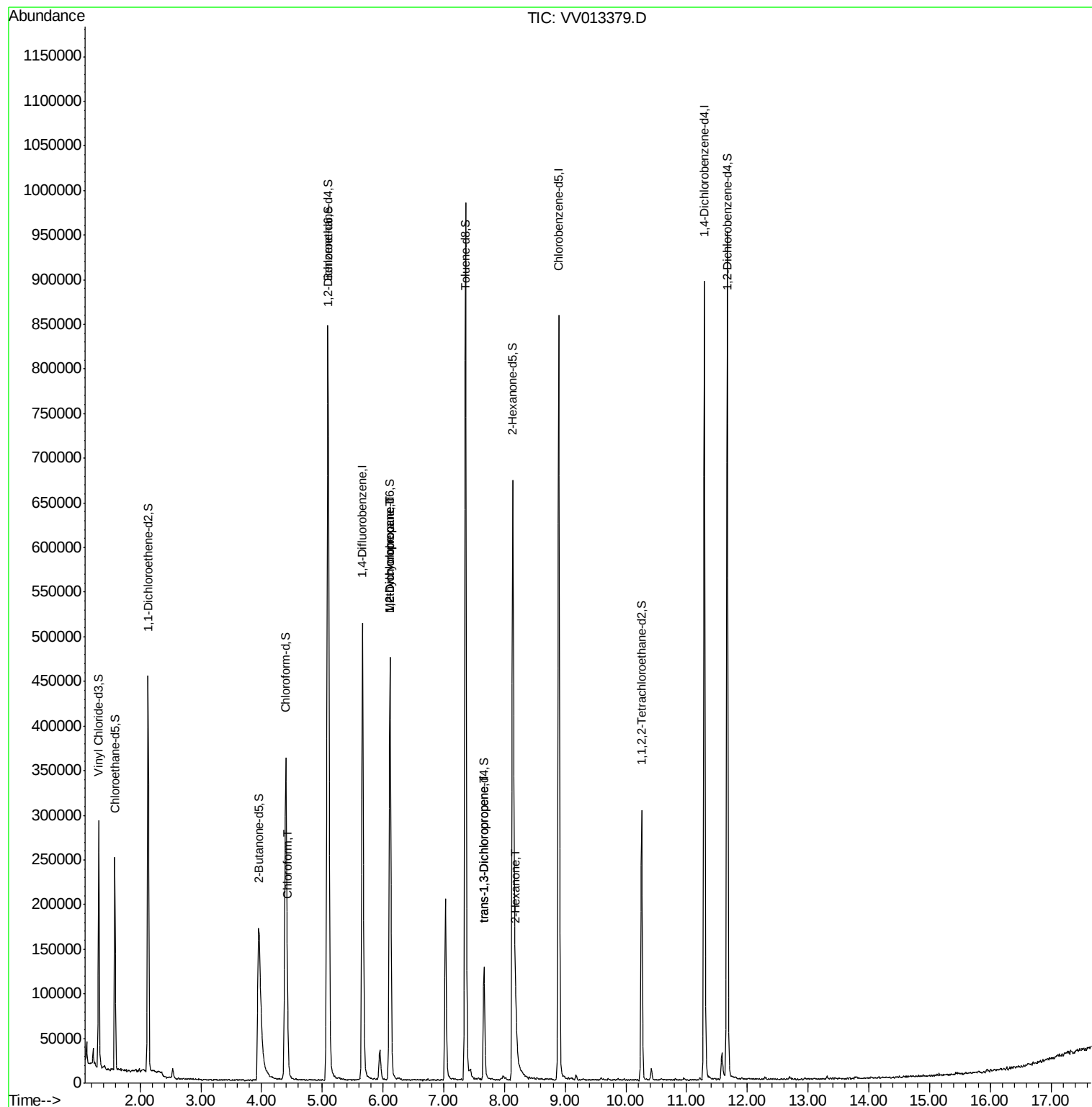
					Ovalue
25) Chloroform	4.43	83	20098	0.220 ug/L	99
35) Methylcyclohexane	6.12	83	58876	0.738 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	24167	0.515 ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	3350	0.067 ug/L #	81
48) 2-Hexanone	8.19	43	41258	2.408 ug/L	91

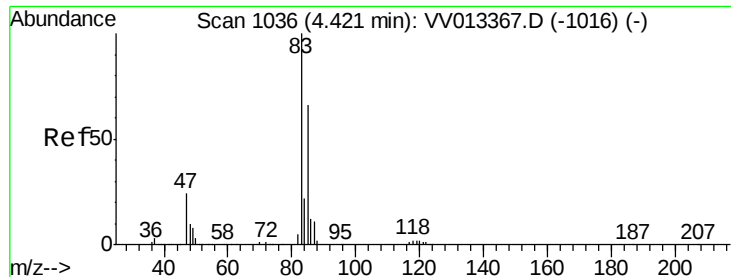
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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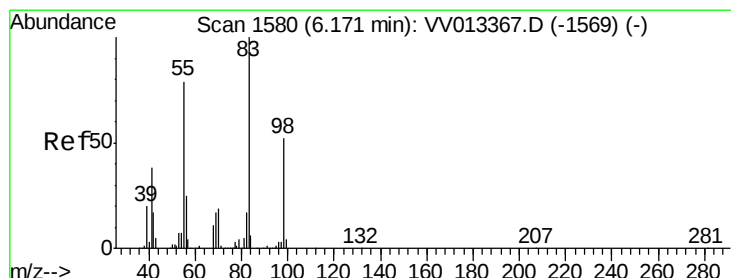
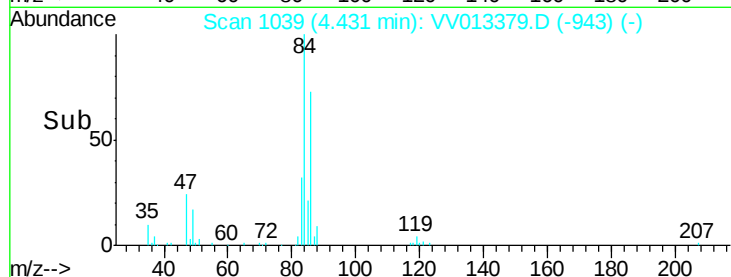
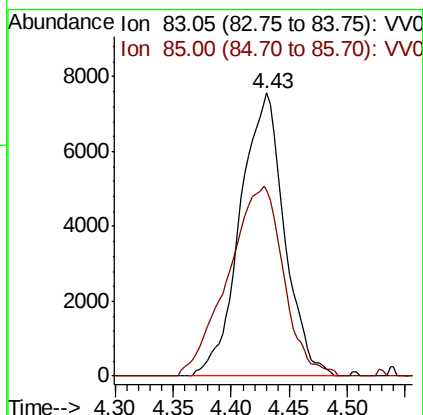
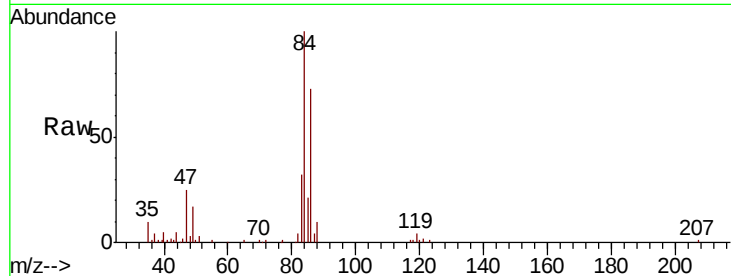




#25
Chloroform
Concen: 0.220 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV013379.D
Acq: 26 Oct 2019 17:29

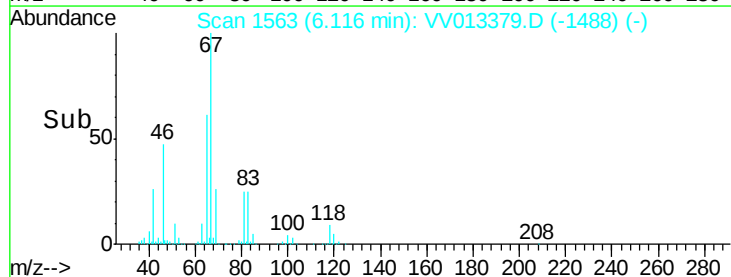
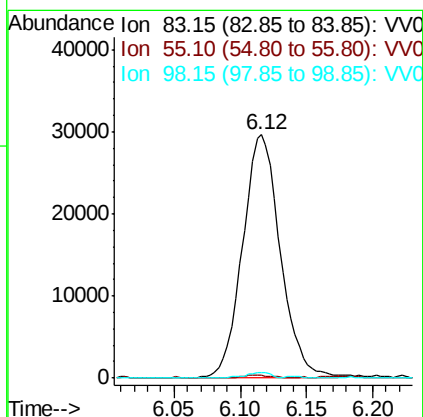
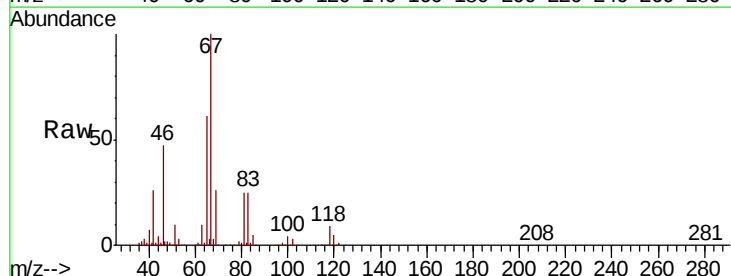
Instrument :
MSVOA_V
ClientSampleId :

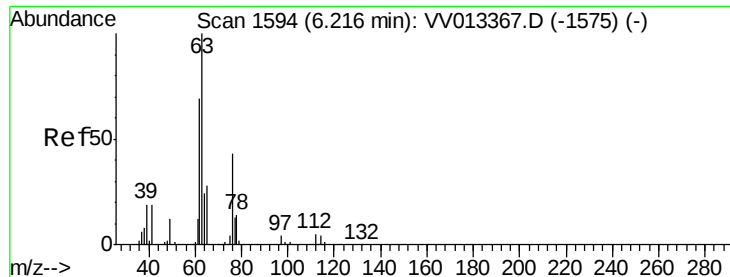
Tot Ion: 83 Resp: 20098
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013379.D
Acq: 26 Oct 2019 17:29

Tgt Ion: 83 Resp: 58876
Ion Ratio Lower Upper
83 100
55 0.8 62.4 93.6#
98 1.4 39.2 58.8#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013379.D

Acq: 26 Oct 2019 17:29

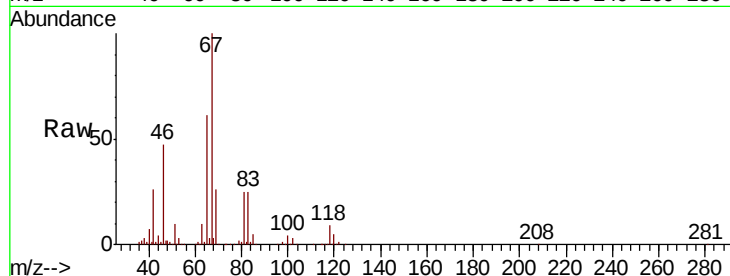
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 24167

Ion Ratio Lower Upper

63 100

112 0.1 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

6.12

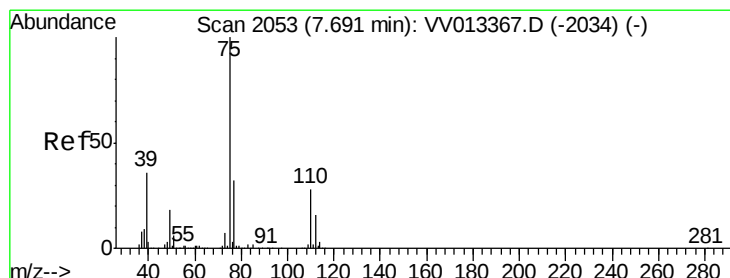
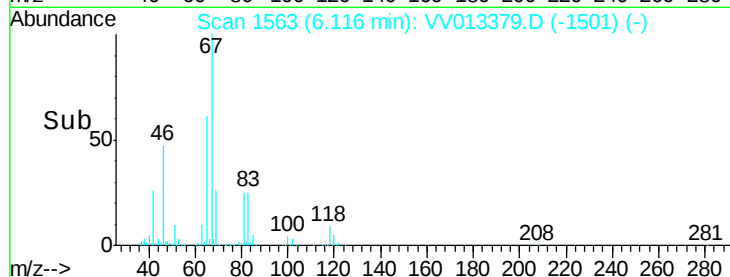
10000

5000

0

Time-->

6.05 6.10 6.15 6.20



#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV013379.D

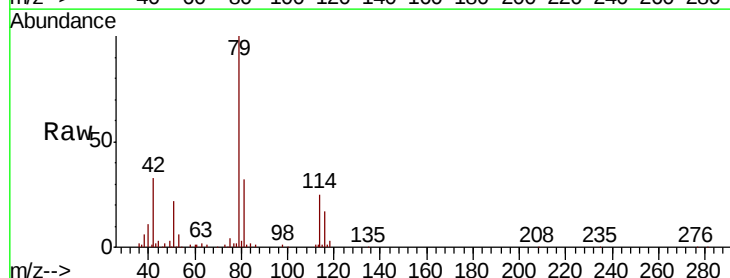
Acq: 26 Oct 2019 17:29

Tgt Ion: 75 Resp: 3350

Ion Ratio Lower Upper

75 100

77 41.4 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

1500

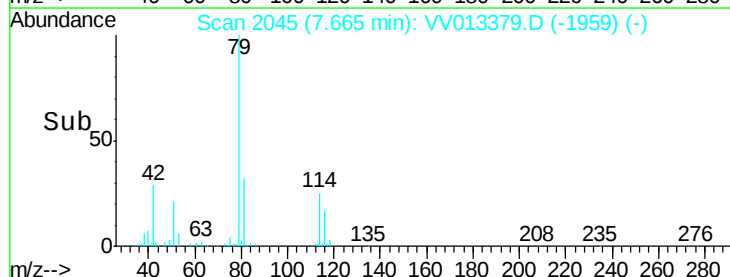
1000

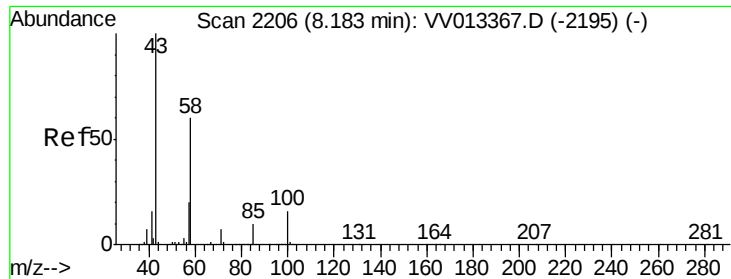
500

0

Time-->

7.60 7.65 7.70

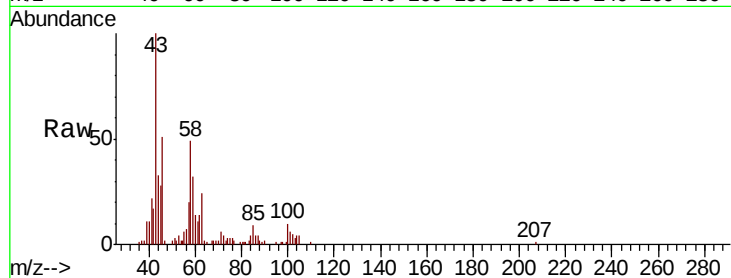




#48
 2-Hexanone
 Concen: 2.408 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: VV013379.D
 Acq: 26 Oct 2019 17:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	41258
Ion	Ratio	Lower	Upper
43	100		
58	49.3	45.1	67.7
57	16.3	15.5	23.3
100	10.2	10.2	15.2



Abundance Ion 43.05 (42.75 to 43.75): VV013379.D (-2112) (-)

Ion 58.05 (57.75 to 58.75): VV013379.D (-2112) (-)

Ion 57.20 (56.90 to 57.90): VV013379.D (-2112) (-)

Ion 100.15 (99.85 to 100.85): VV013379.D (-2112) (-)

