

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013873.D
 Acq On : 02 Dec 2019 15:59
 Operator : SY/MD
 Sample : K6028-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA5

Manual Integrations
 APPROVED

apatel
 12/5/2019 8:35:36 AM

Quant Time: Dec 03 03:51:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	601607	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	538110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	243352	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168059	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	184297	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.50%
11) 1,1-Dichloroethene-d2	2.13	63	282393	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	3.92	46	253790	103.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.63%
24) Chloroform-d	4.39	84	393193	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.62%
26) 1,2-Dichloroethane-d4	5.08	65	267167	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.40%
32) Benzene-d6	5.09	84	854672	61.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.58%
36) 1,2-Dichloropropane-d6	6.11	67	249395	59.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.16%
41) Toluene-d8	7.35	98	717914	56.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.96%
43) trans-1,3-Dichloropropene-	7.66	79	110340	54.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.36%
47) 2-Hexanone-d5	8.13	63	156018	99.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.83%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	304364	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	277407	58.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.08%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3807	0.841 ug/L #	16
25) Chloroform	4.43	83	12088m	1.468 ug/L	
68) 1,2,4-trichlorobenzene	13.31	180	4777	0.816 ug/L	93
70) 1,2,3-Trichlorobenzene	13.79	180	4227	0.691 ug/L #	95

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

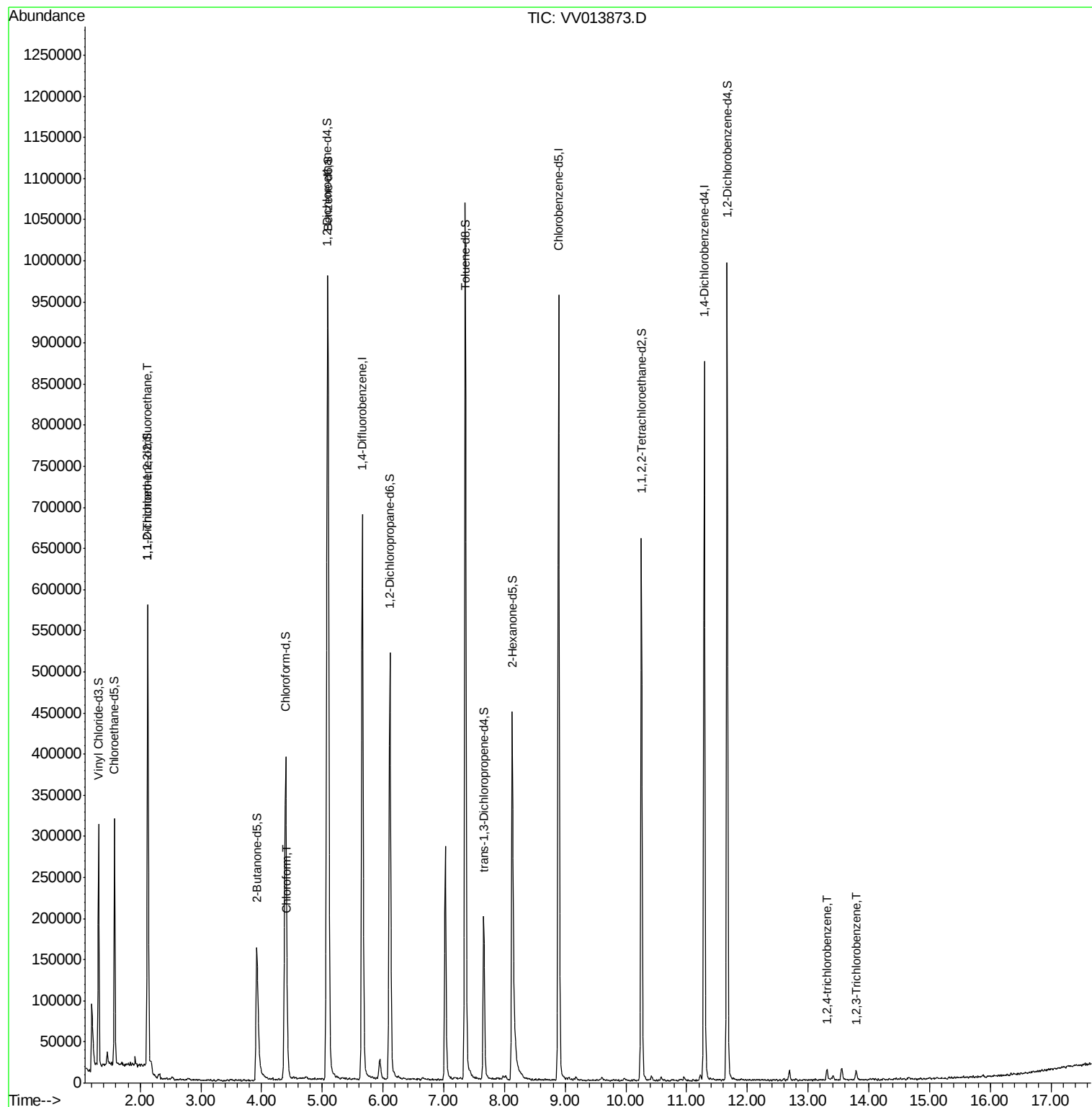
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV120219\
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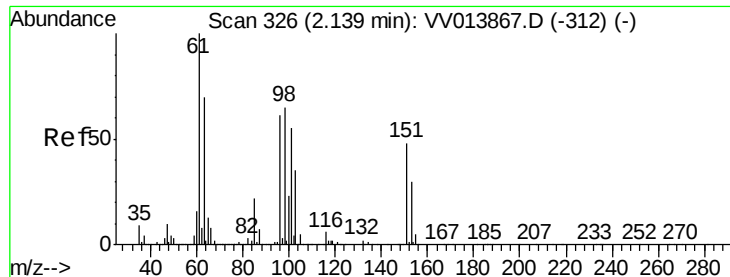
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Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.841 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013873.D

Acq: 02 Dec 2019 15:59

Instrument :

MSVOA_V

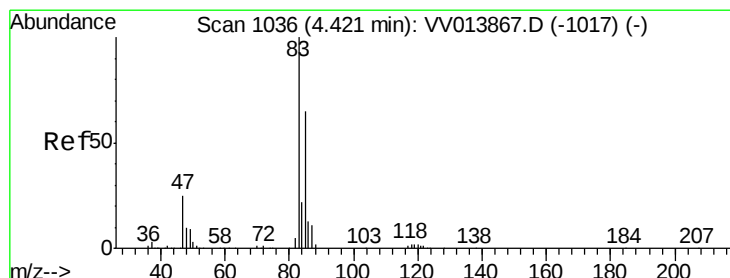
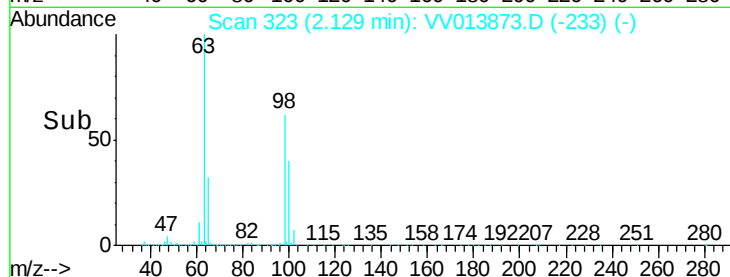
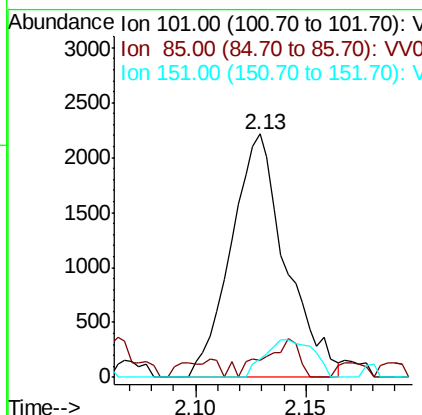
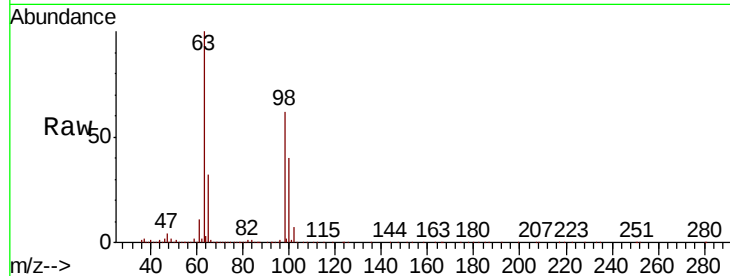
ClientSampleId :

H0AA5

Tot Ion:	101	Resp:	3807
Ion Ratio	Lower	Upper	
101	100		
85	2.4	32.5	48.7#
151	0.0	69.8	104.6#

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#25

Chloroform

Concen: 1.468 ug/L m

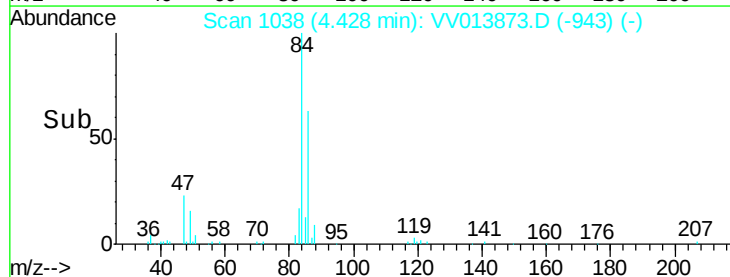
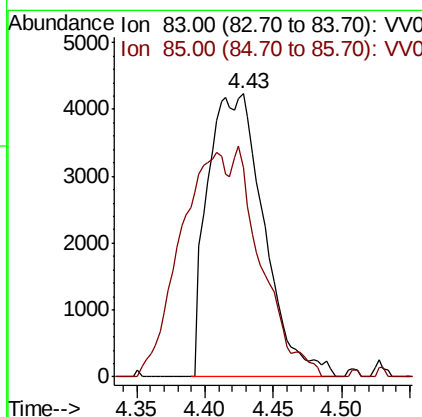
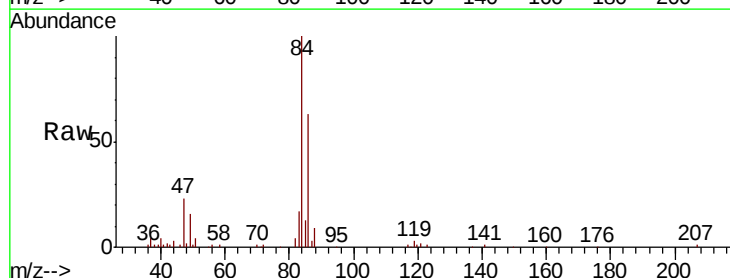
RT: 4.43 min Scan# 1038

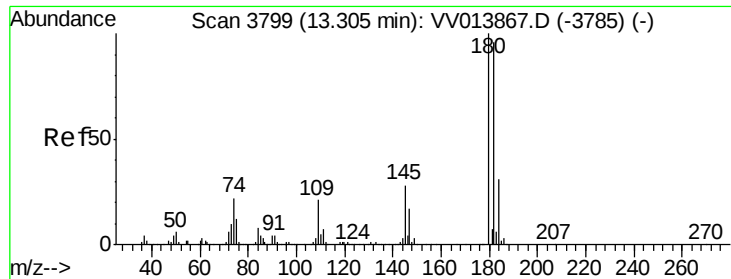
Delta R.T. 0.01 min

Lab File: VV013873.D

Acq: 02 Dec 2019 15:59

Tgt Ion:	83	Resp:	12088
Ion Ratio	Lower	Upper	
83	100		
85	73.9	45.7	84.9





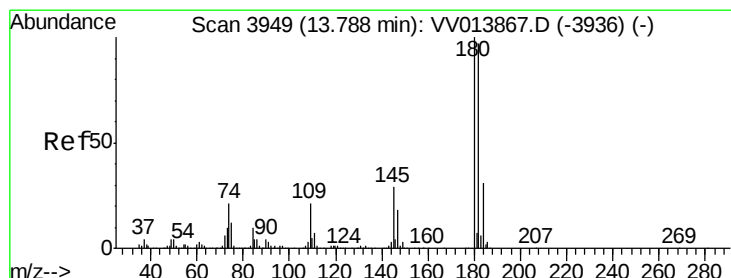
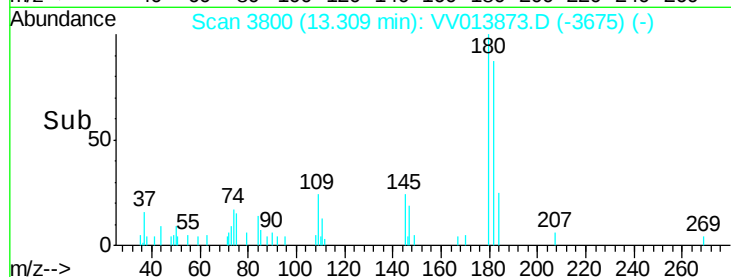
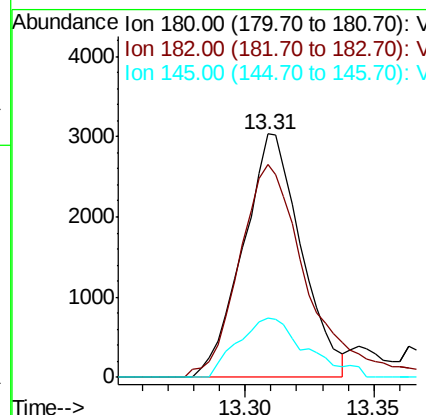
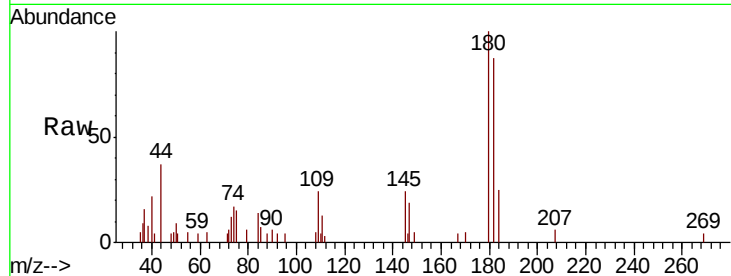
#68
 1,2,4-trichlorobenzene
 Concen: 0.816 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013873.D
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Tot Ion	Ratio	Lower	Upper
180	100		
182	101.0	76.2	114.4
145	22.7	21.9	32.9

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#70
 1,2,3-Trichlorobenzene
 Concen: 0.691 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013873.D
 Acq: 02 Dec 2019 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.0	115.4
145	17.9	22.6	34.0#

