Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\

Quantitation Report (Not Reviewed)

Data File : VV013398.D
Acq On : 29 Oct 2019 16:41
Operator : SY/MD
Sample : K5457-21
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Oct 30 02:53:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	396512	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	428783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	215525	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	170552	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.58	69	137770	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.13	63	209864	3.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.40%			
20) 2-Butanone-d5	3.96	46	407219	47.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.94%			
24) Chloroform-d	4.40	84	333247	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.08	65	171493	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.09	84	691480	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.11	67	215112	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.36	98	584694	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	7.66	79	71913	4.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.00%			
46) 2-Hexanone-d5	8.14	63	225707	40.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.62%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	127115	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	217489	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3133	0.099	ug/L #	47
14) Carbon disulfide	2.31	76	4300	0.047	ug/L #	66
16) Methylene chloride	2.53	84	8552	0.195	ug/L	96
25) Chloroform	4.42	83	22154	0.282	ug/L	98
35) Methylcyclohexane	6.11	83	49947	0.761	ug/L #	17
44) trans-1,3-Dichloropropene	7.66	75	4944	0.114	ug/L #	78
48) 2-Hexanone	8.18	43	35453	2.198	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	3801	0.052	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	3647	0.063	ug/L #	86

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

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Quantitation Report (Not Reviewed)

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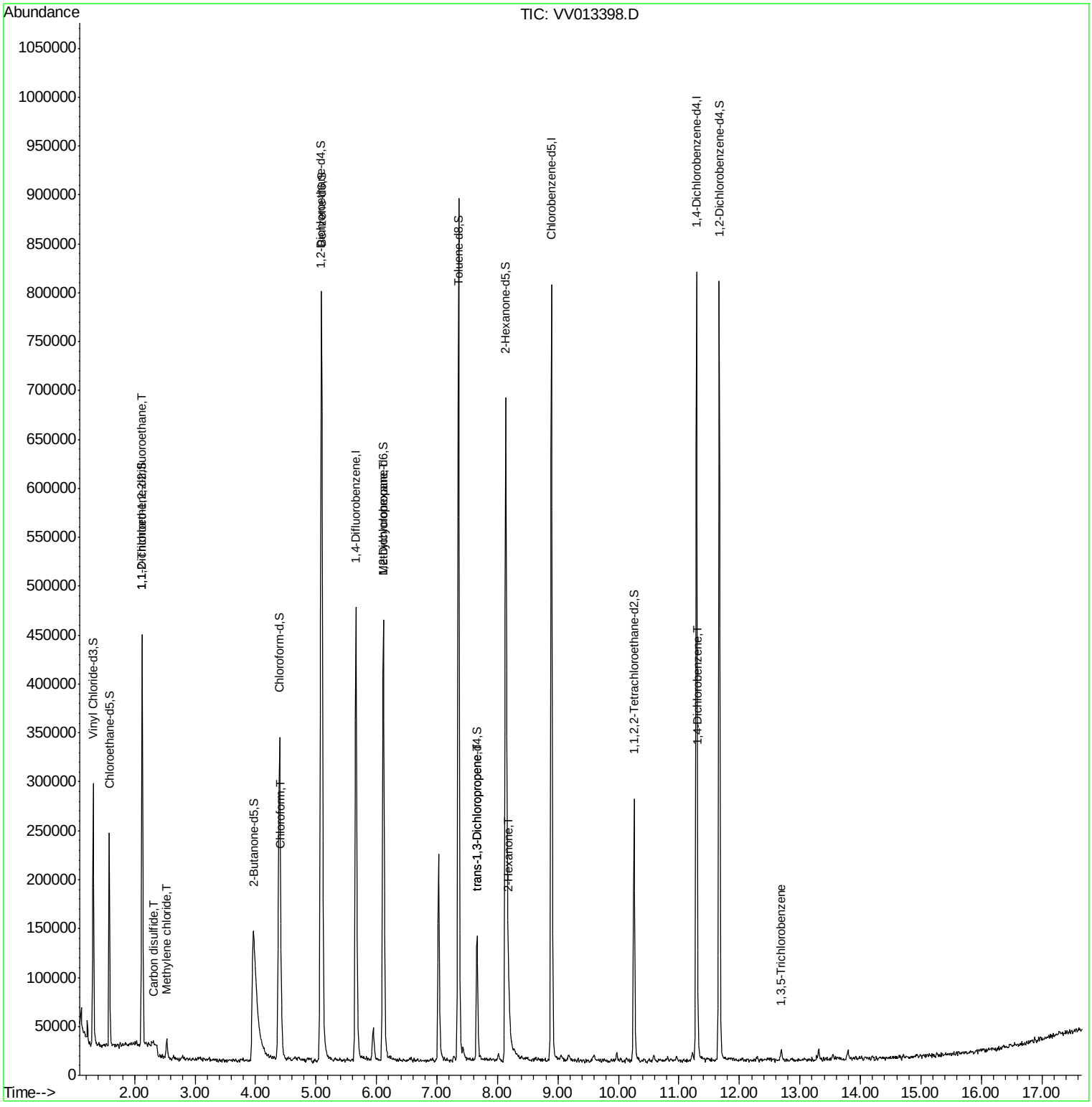
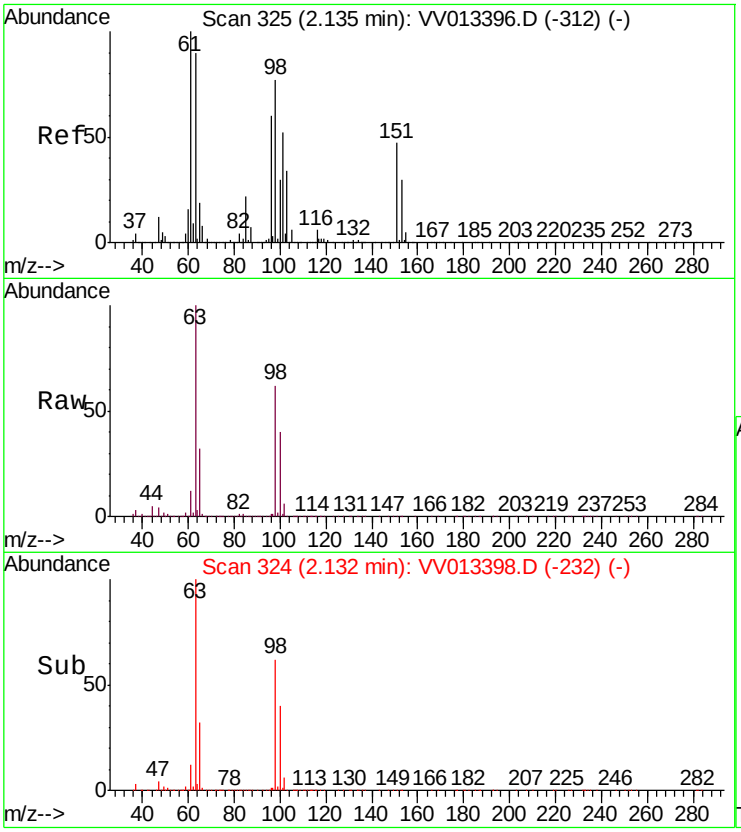
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Oct 30 02:53:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration



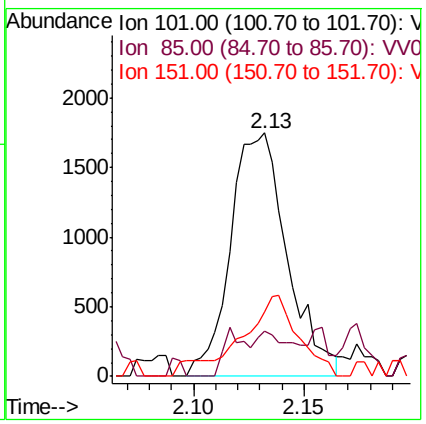


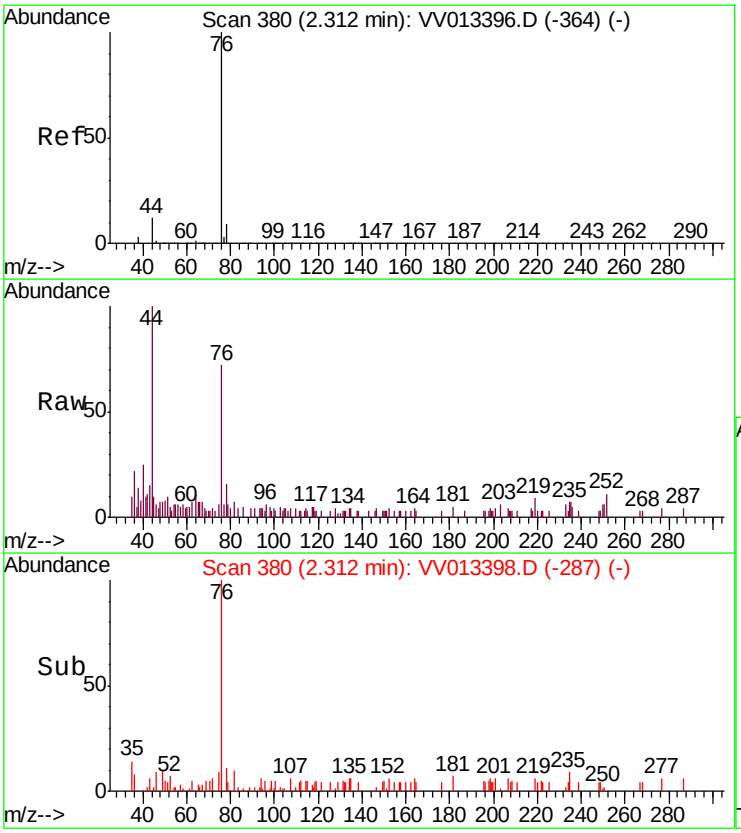
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 3133

Ion	Ratio	Lower	Upper
101	100		
85	11.5	33.0	49.4#
151	34.1	68.2	102.2#

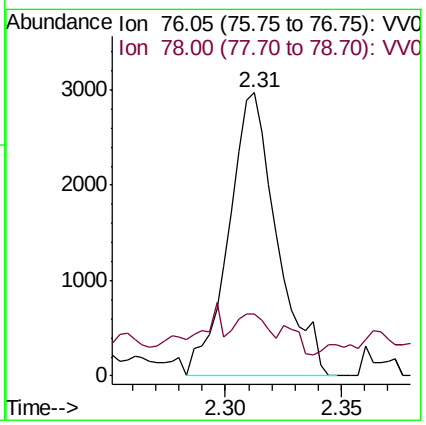


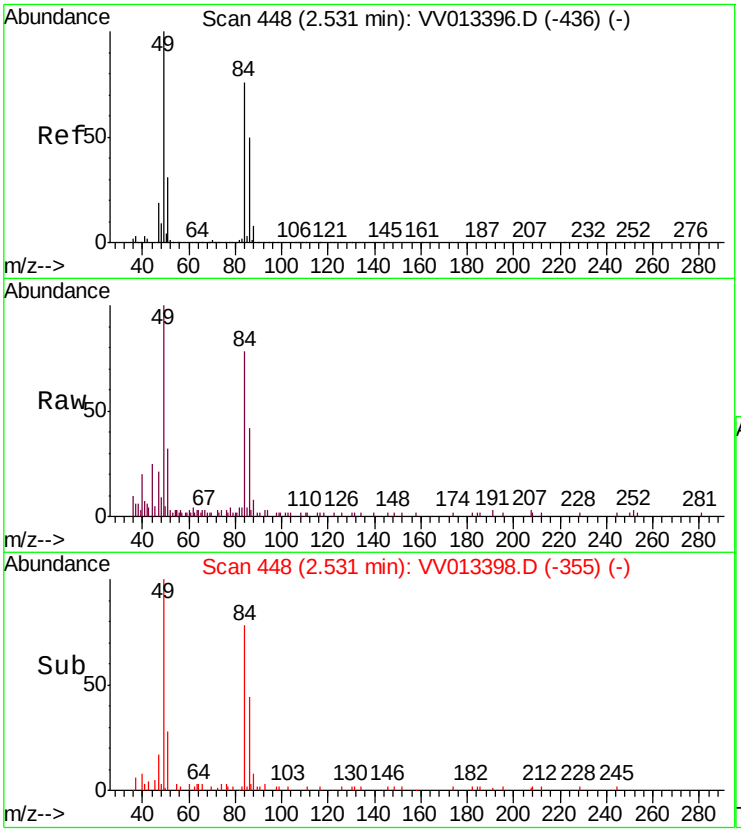


#14
Carbon disulfide
Concen: 0.047 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Tgt Ion: 76 Resp: 4300

Ion	Ratio	Lower	Upper
76	100		
78	21.7	7.5	11.3#



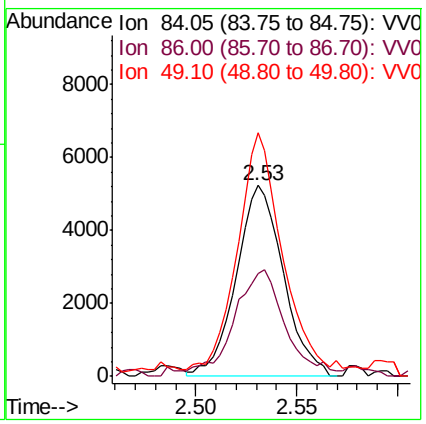


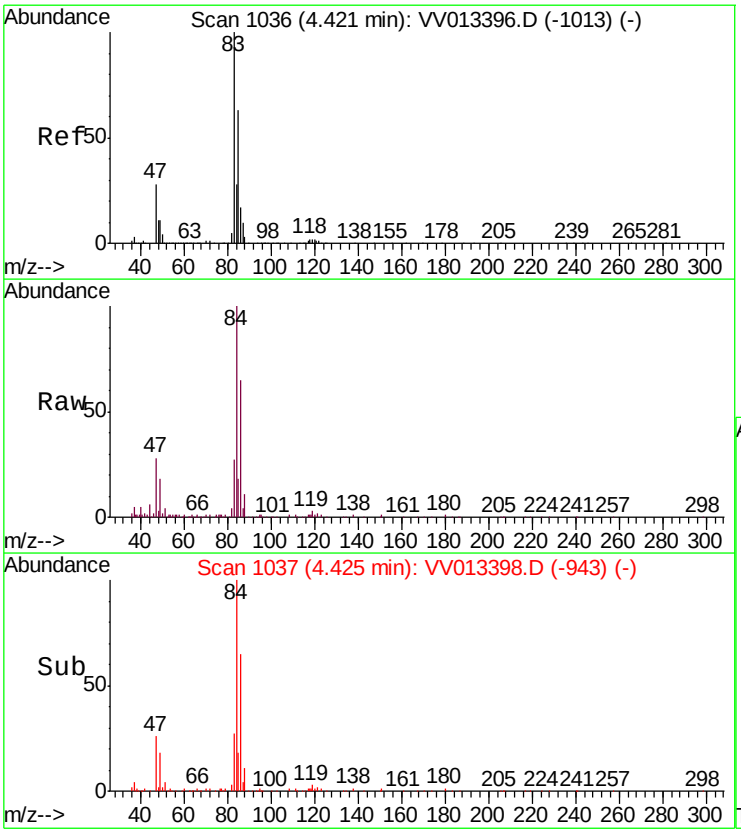
#16
Methylene chloride
Concen: 0.195 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 8552

Ion	Ratio	Lower	Upper
84	100		
86	54.2	43.8	81.4
49	127.8	90.4	168.0

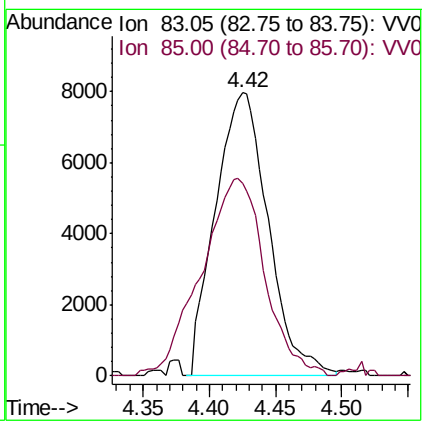


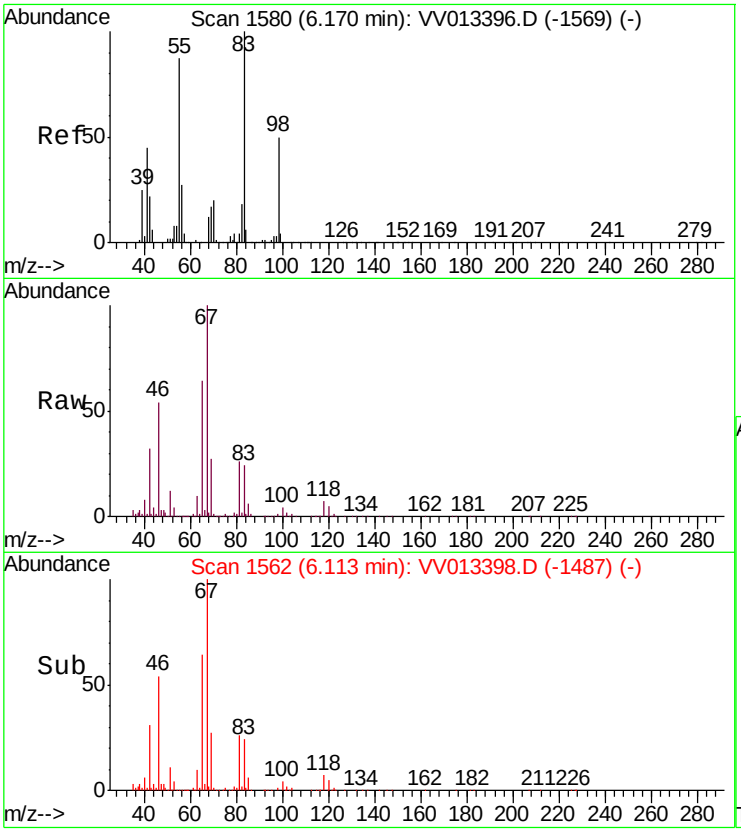


#25
Chloroform
Concen: 0.282 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Tgt Ion: 83 Resp: 22154

Ion	Ratio	Lower	Upper
83	100		
85	68.0	46.5	86.5



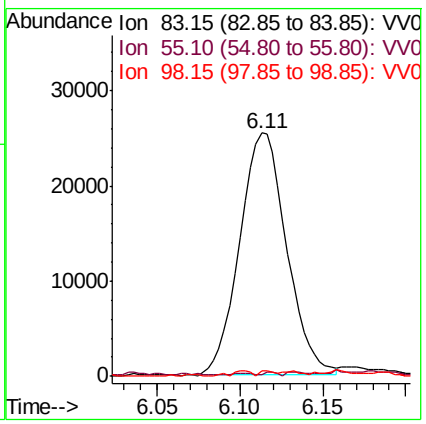


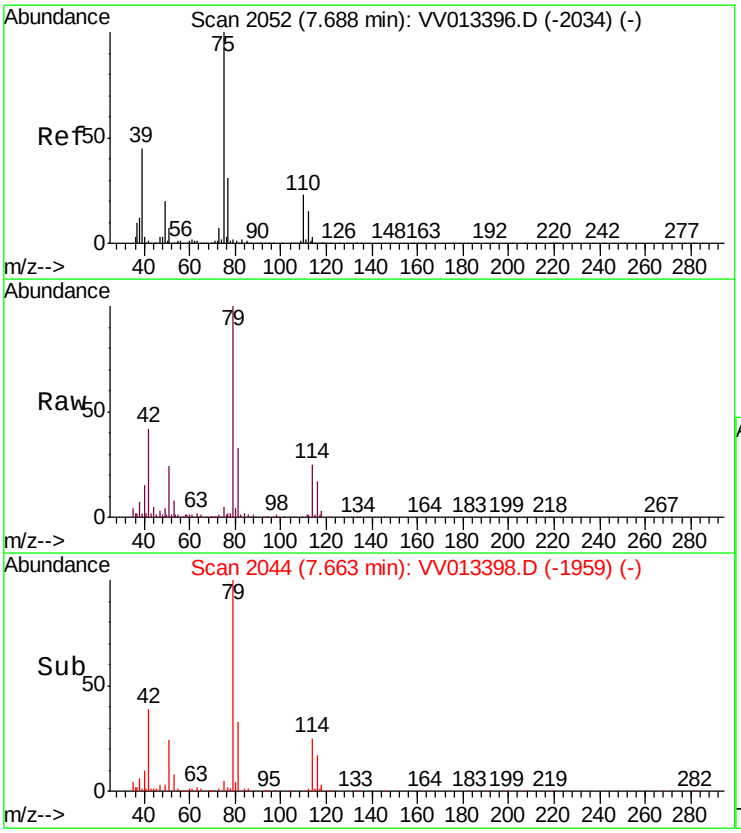
#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 49947

Ion	Ratio	Lower	Upper
83	100		
55	0.5	66.0	99.0#
98	0.8	38.2	57.4#

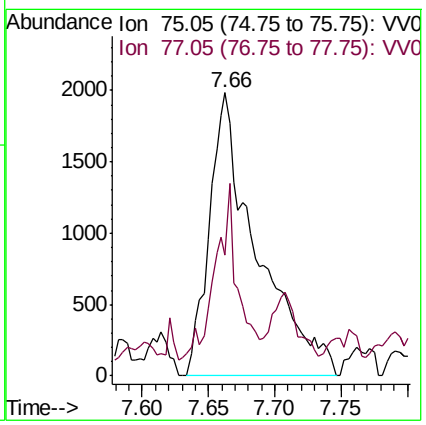


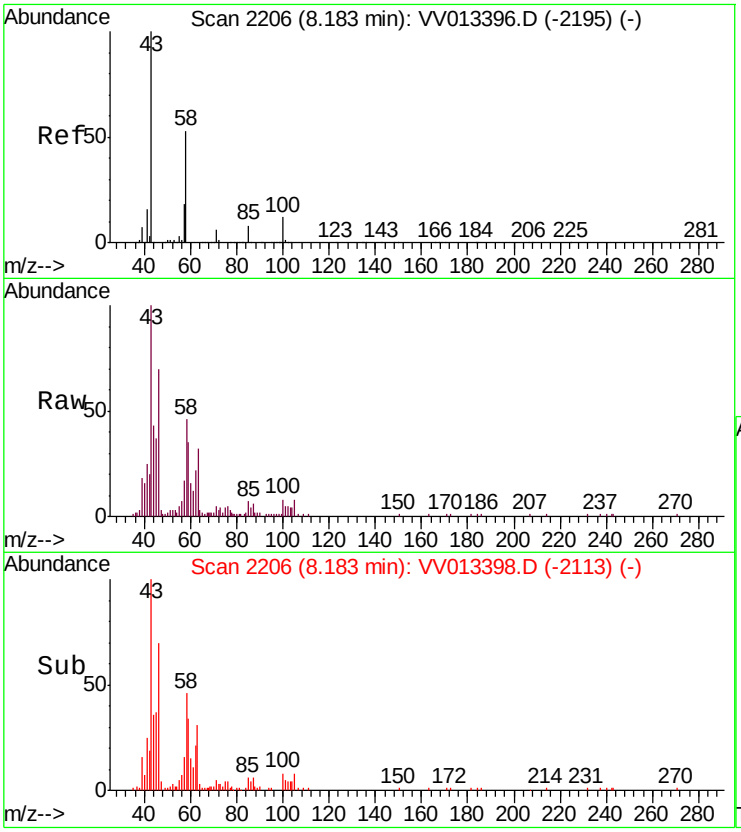


#44
trans-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Tgt Ion: 75 Resp: 4944

Ion	Ratio	Lower	Upper
75	100		
77	42.5	21.5	39.9#



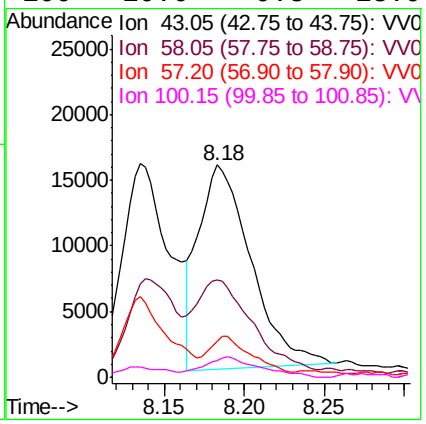


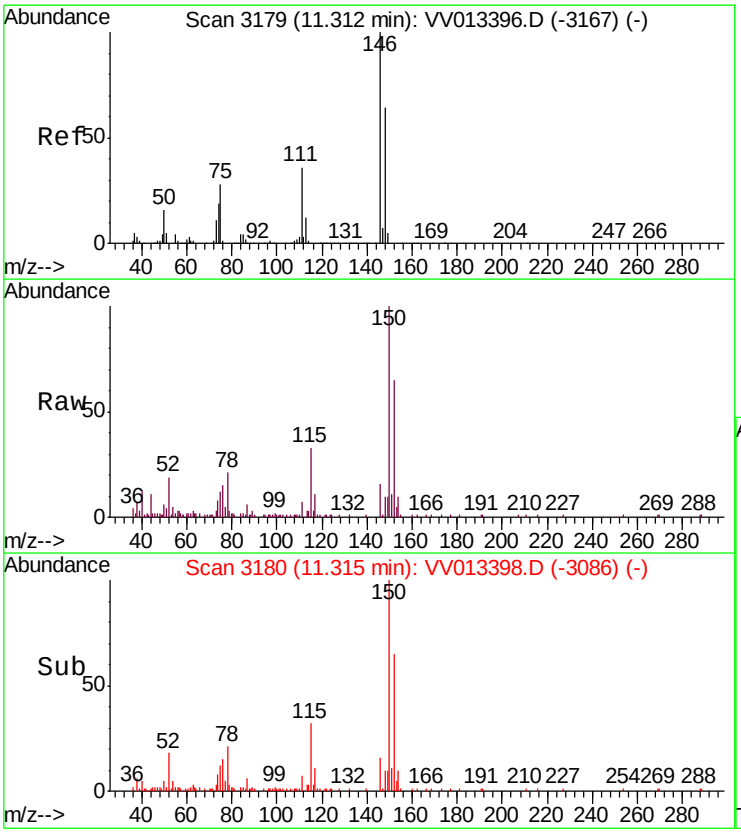
#48
2-Hexanone
Concen: 2.198 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 35453

Ion	Ratio	Lower	Upper
43	100		
58	47.0	43.5	65.3
57	15.4	14.3	21.5
100	10.6	9.3	13.9

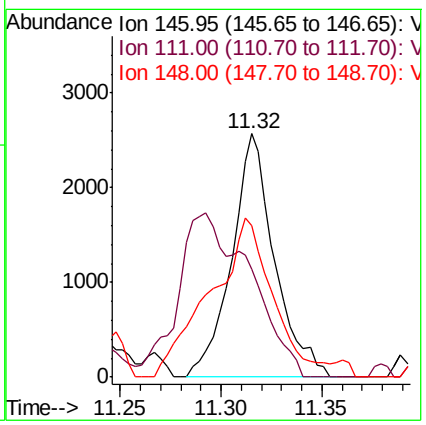


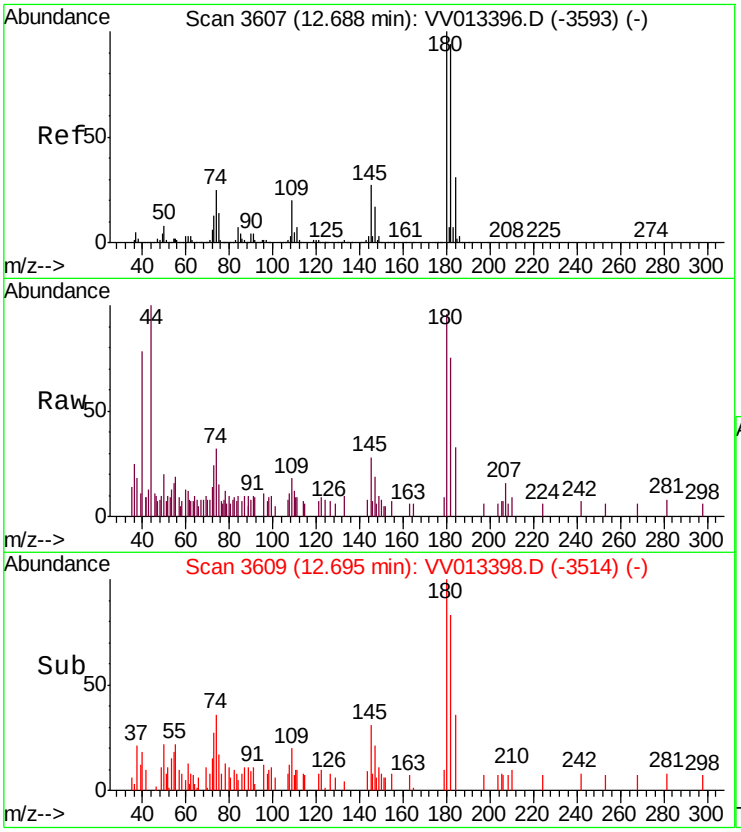


#63
1,4-Dichlorobenzene
Concen: 0.052 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Tgt Ion:146 Resp: 3801

Ion	Ratio	Lower	Upper
146	100		
111	44.1	25.4	47.2
148	62.2	44.9	83.5





#67
1,3,5-Trichlorobenzene
Concen: 0.063 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.01 min
Lab File: VV013398.D
Acq: 29 Oct 2019 16:41

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion:180 Resp: 3647

Ion	Ratio	Lower	Upper
180	100		
182	79.4	76.4	114.6
184	26.1	24.6	36.8
145	21.9	22.2	33.2#