Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090519\

Quantitation Report (Not Reviewed)

Data File : VV012585.D
Acq On : 05 Sep 2019 17:18
Operator : SY/MD
Sample : VIBLK40
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK40

Quant Time: Sep 06 03:52:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 03:49:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	196642	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	193604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71927	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	74105	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.58	69	69856	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.13	63	119642	2.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.60%#			
20) 2-Butanone-d5	3.97	46	147497	41.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.24%			
24) Chloroform-d	4.40	84	109294	3.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.20%			
26) 1,2-Dichloroethane-d4	5.08	65	60049	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.20%			
32) Benzene-d6	5.10	84	208203	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
36) 1,2-Dichloropropane-d6	6.12	67	68214	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.36	98	167640	3.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.40%			
43) trans-1,3-Dichloropropene-	7.66	79	20234	3.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.20%			
46) 2-Hexanone-d5	8.14	63	74631	35.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 70.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41915	3.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	55471	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
14) Carbon disulfide	2.32	76	3432	0.046	ug/L #	65
16) Methylene chloride	2.53	84	3899	0.144	ug/L	99
25) Chloroform	4.42	83	5739	0.148	ug/L	91
35) Methylcyclohexane	6.12	83	16456	0.564	ug/L #	16
48) 2-Hexanone	8.20	43	9817	1.270	ug/L #	88
63) 1,4-Dichlorobenzene	11.32	146	1556	0.057	ug/L #	61
67) 1,3,5-Trichlorobenzene	12.69	180	1255	0.068	ug/L #	82
68) 1,2,4-trichlorobenzene	13.32	180	1219	0.091	ug/L #	83
69) Naphthalene	13.55	128	2589	0.134	ug/L #	77
70) 1,2,3-Trichlorobenzene	13.79	180	1595	0.127	ug/L	88

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

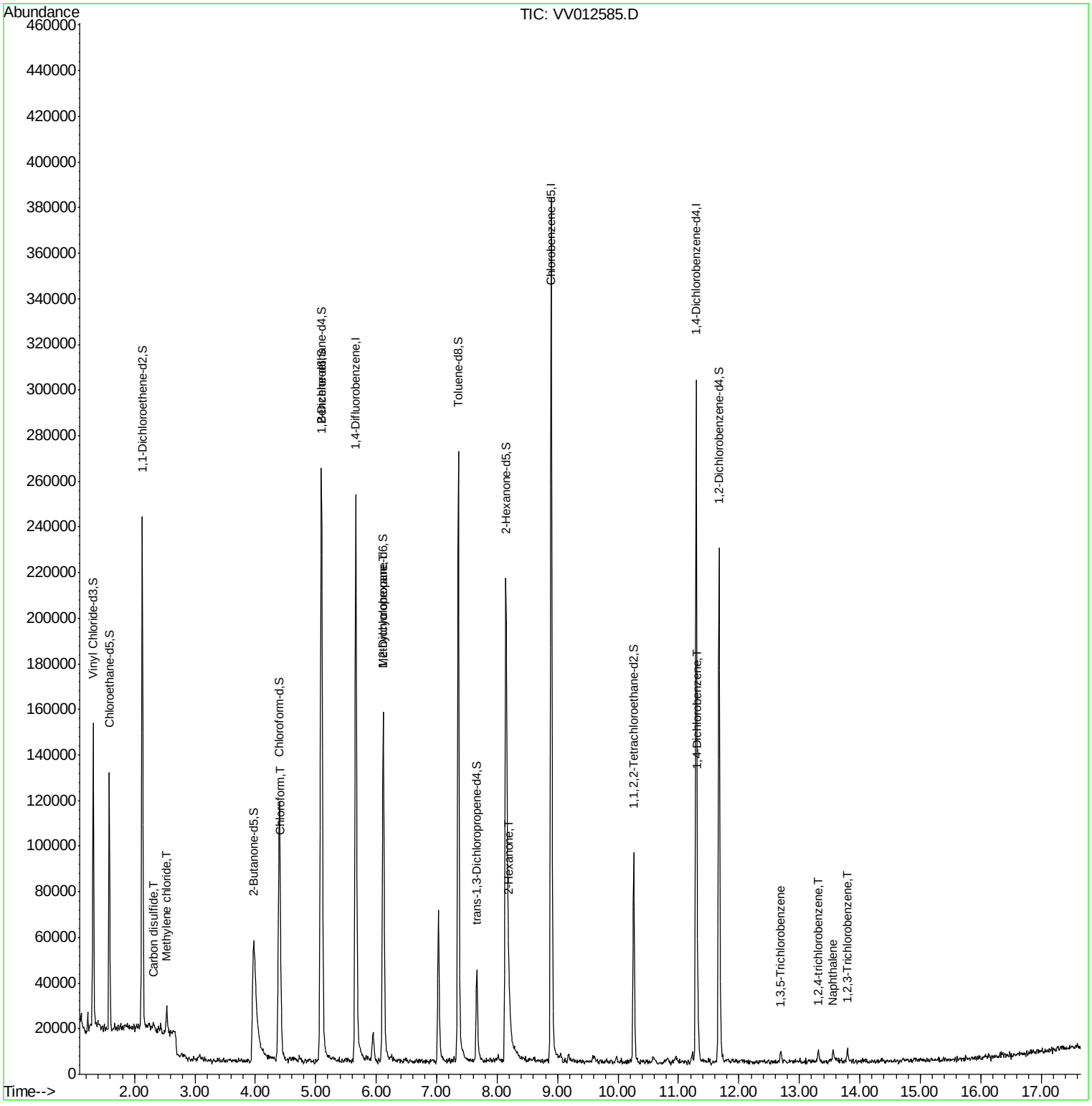
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090519\

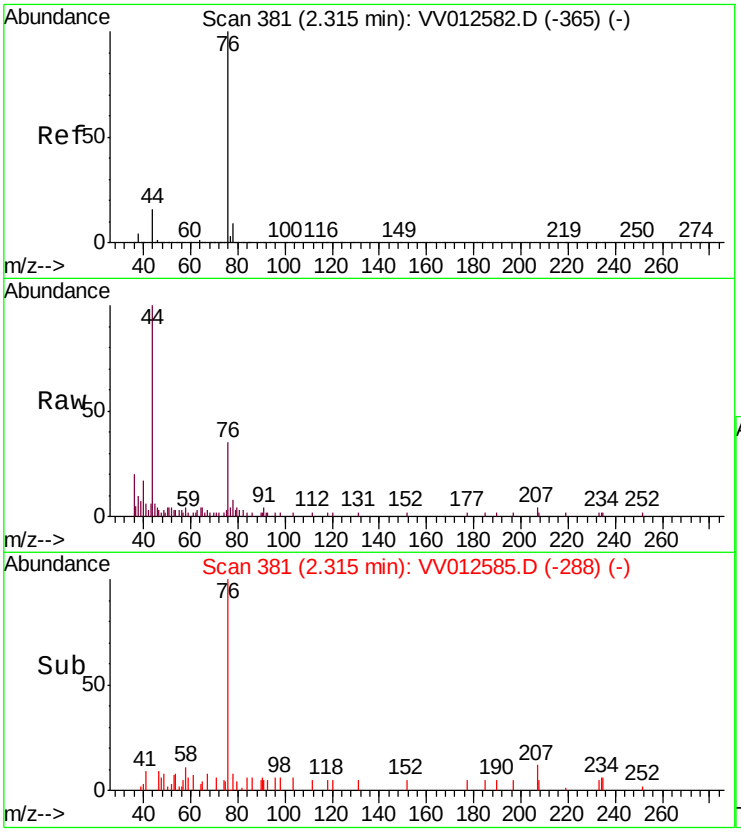
Quantitation Report (Not Reviewed)

Data File : VV012585.D
Acq On : 05 Sep 2019 17:18
Operator : SY/MD
Sample : VIBLK40
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Quant Time: Sep 06 03:52:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 03:49:26 2019
Response via : Initial Calibration



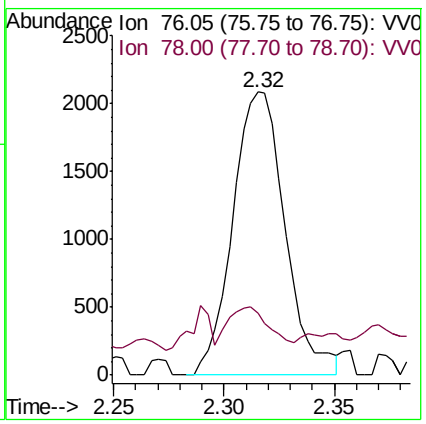


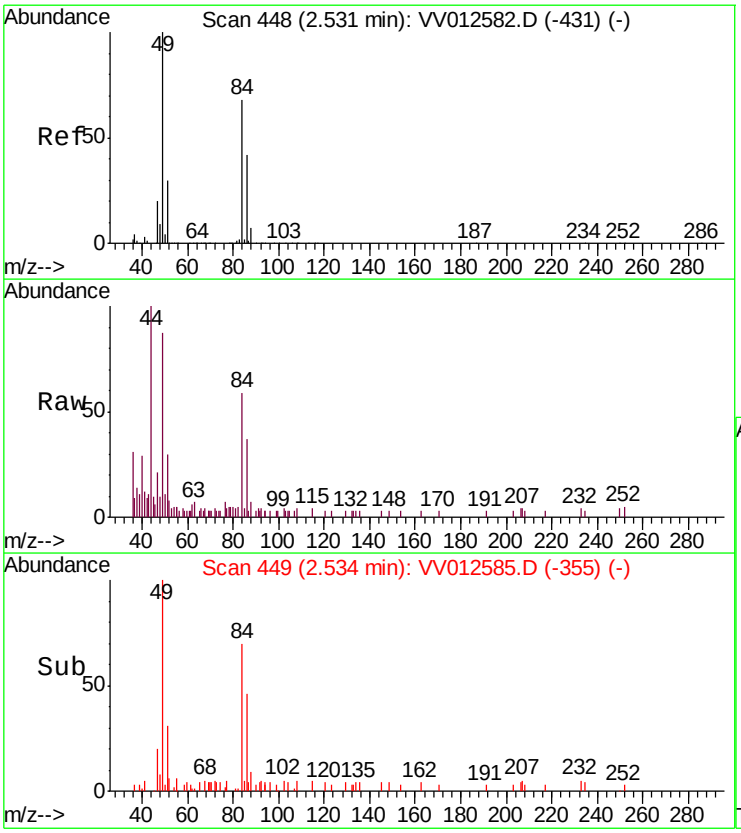
#14
Carbon disulfide
Concen: 0.046 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Tgt Ion: 76 Resp: 3432

Ion	Ratio	Lower	Upper
76	100		
78	22.0	7.4	11.0#

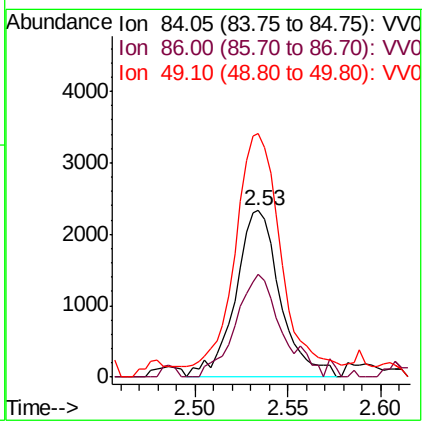


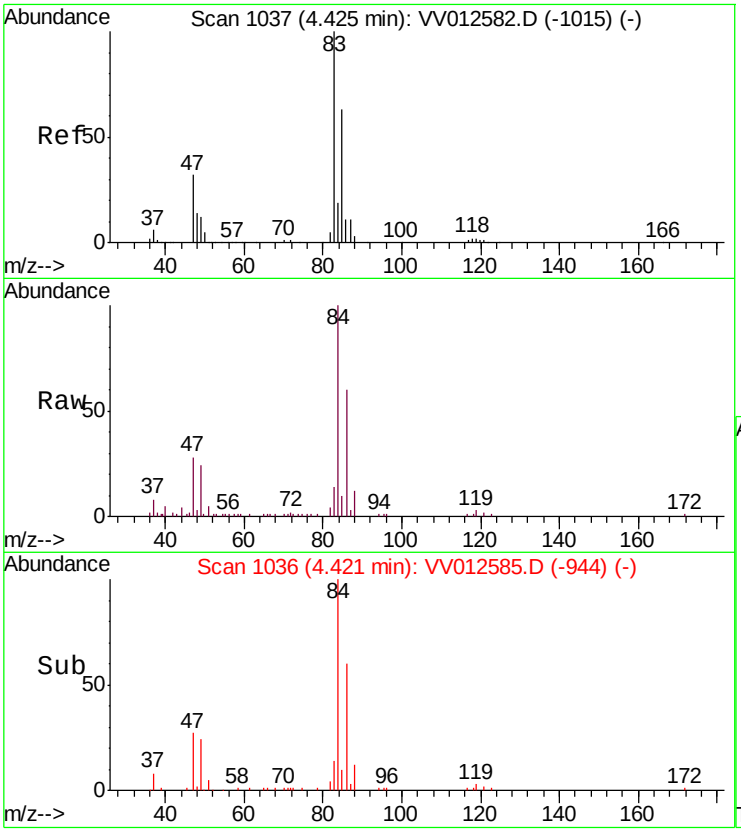


#16
Methylene chloride
Concen: 0.144 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Tgt Ion: 84 Resp: 3899

Ion	Ratio	Lower	Upper
84	100		
86	61.6	43.6	81.0
49	146.1	103.0	191.2



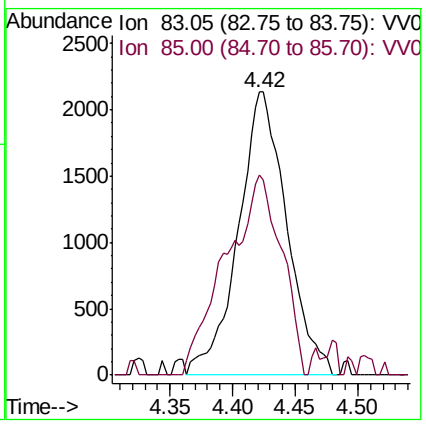


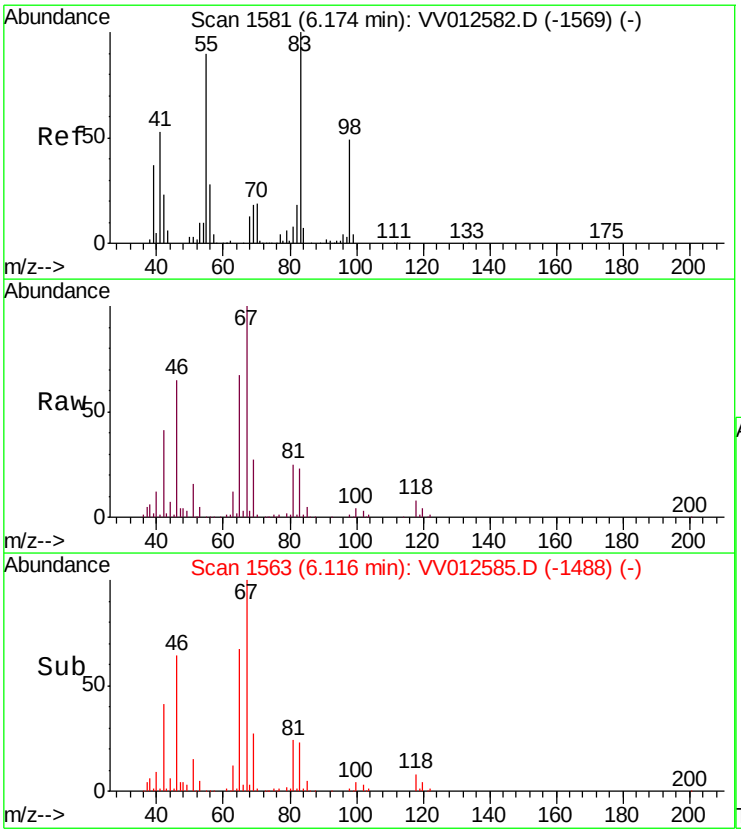
#25
Chloroform
Concen: 0.148 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Instrument :
MSVOA_V
ClientSampleId :
VIBLK40

Tgt Ion: 83 Resp: 5739

Ion	Ratio	Lower	Upper
83	100		
85	70.8	44.4	82.5

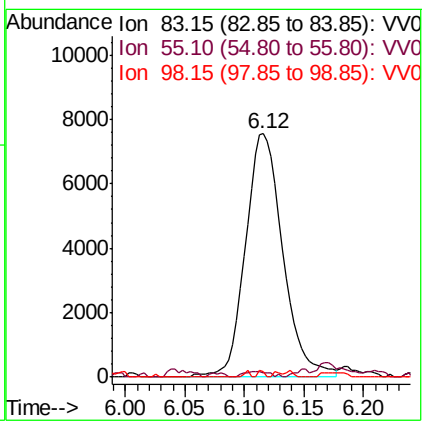


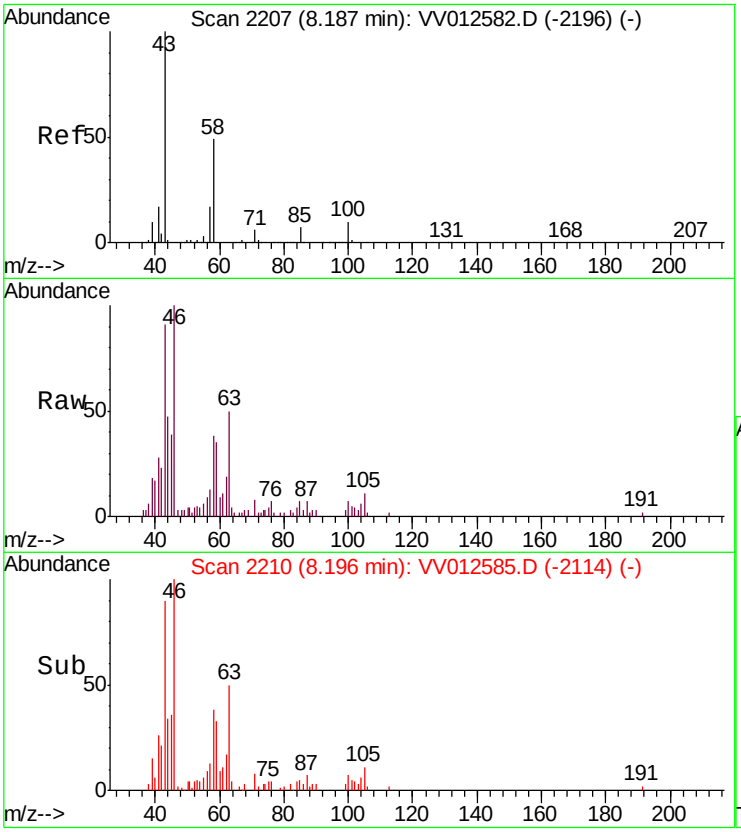


#35
Methylcyclohexane
Concen: 0.564 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Tgt Ion: 83 Resp: 16456

Ion	Ratio	Lower	Upper
83	100		
55	1.6	69.0	103.6#
98	0.5	38.0	57.0#



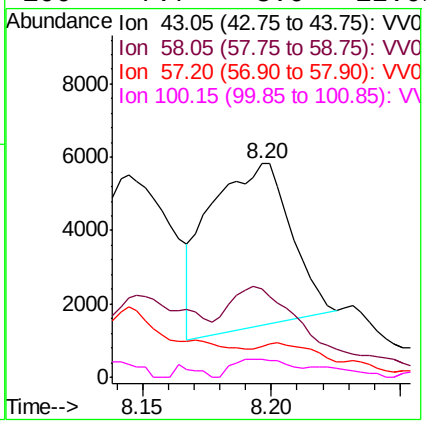


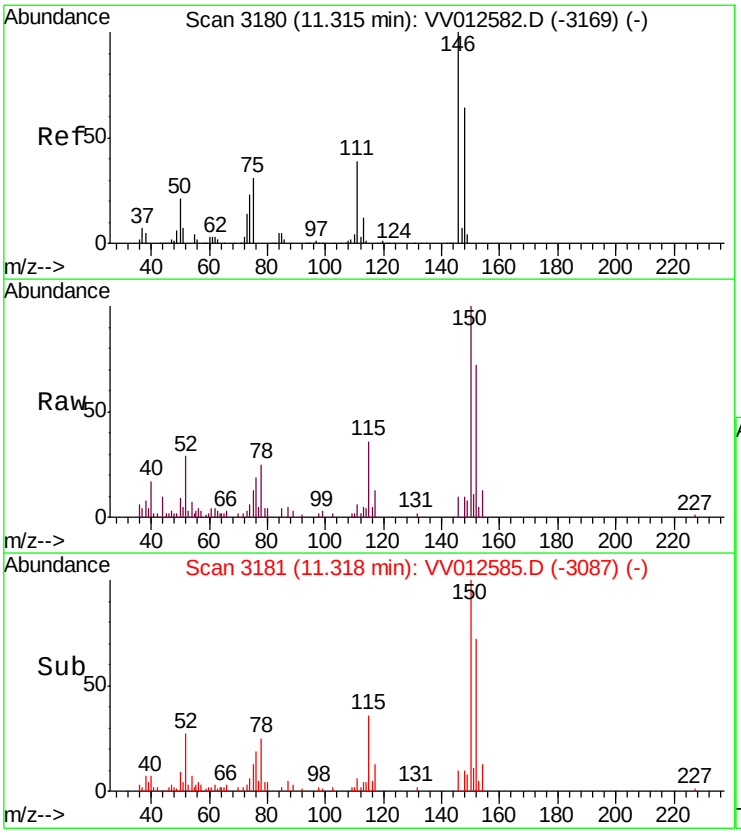
#48
2-Hexanone
Concen: 1.270 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Instrument : MSVOA_V
ClientSampleId : VIBLK40

Tgt Ion: 43 Resp: 9817

Ion	Ratio	Lower	Upper
43	100		
58	59.6	39.3	58.9#
57	14.0	12.9	19.3
100	7.7	8.0	12.0#

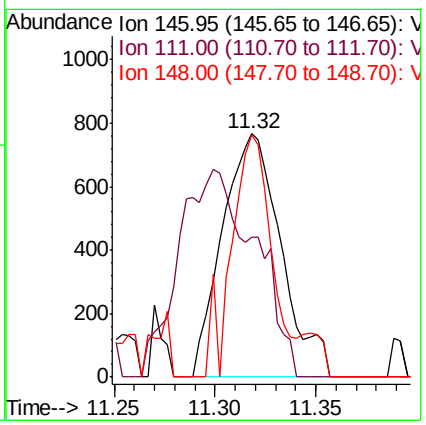


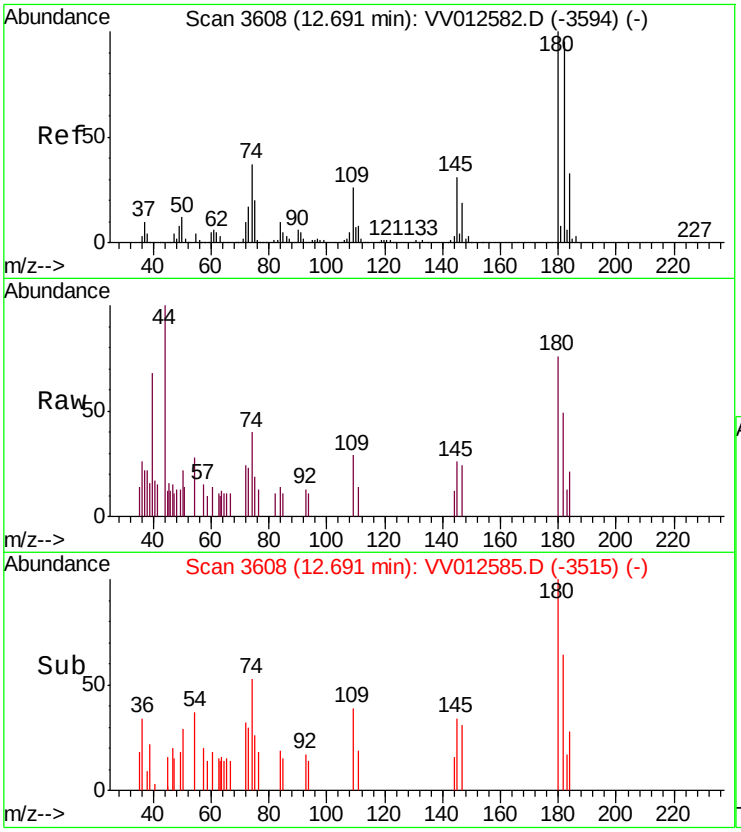


#63
1,4-Dichlorobenzene
Concen: 0.057 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Tgt Ion:146 Resp: 1556

Ion	Ratio	Lower	Upper
146	100		
111	57.2	27.5	51.1#
148	99.7	44.8	83.2#



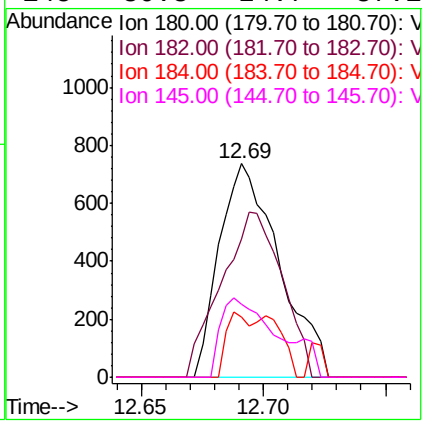


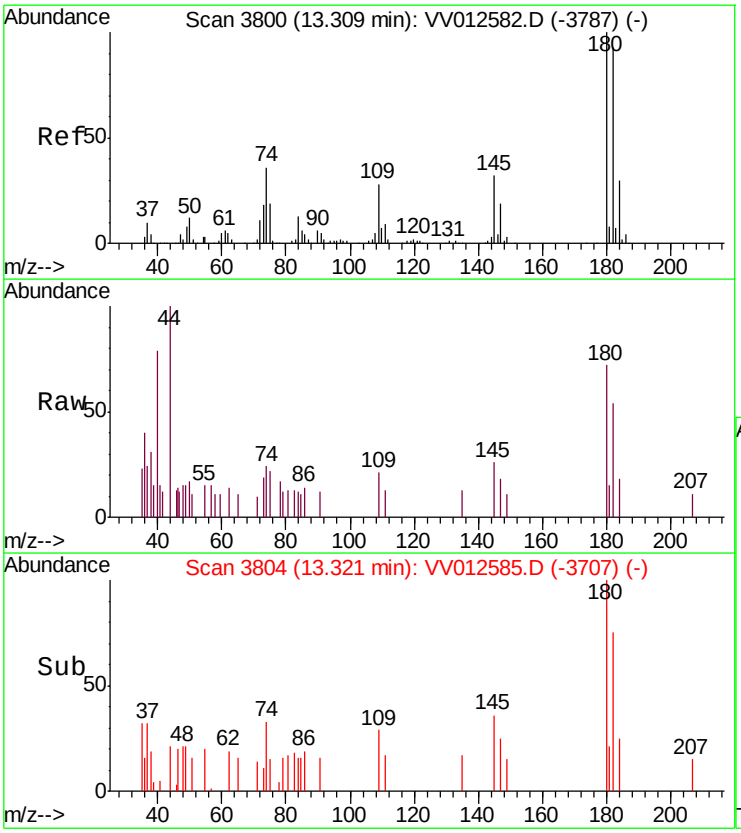
#67
1,3,5-Trichlorobenzene
Concen: 0.068 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. -0.00 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Instrument : MSVOA_V
ClientSampleId : VIBLK40

Tgt Ion:180 Resp: 1255

Ion	Ratio	Lower	Upper
180	100		
182	78.3	76.0	114.0
184	11.9	25.3	37.9#
145	30.3	24.7	37.1

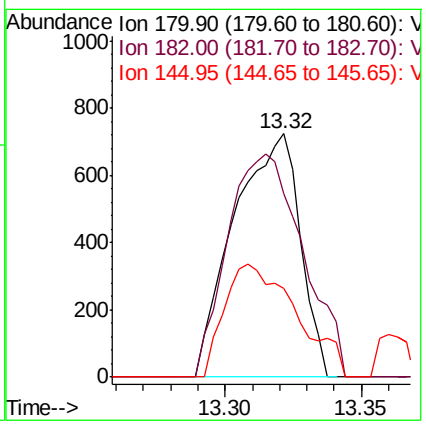


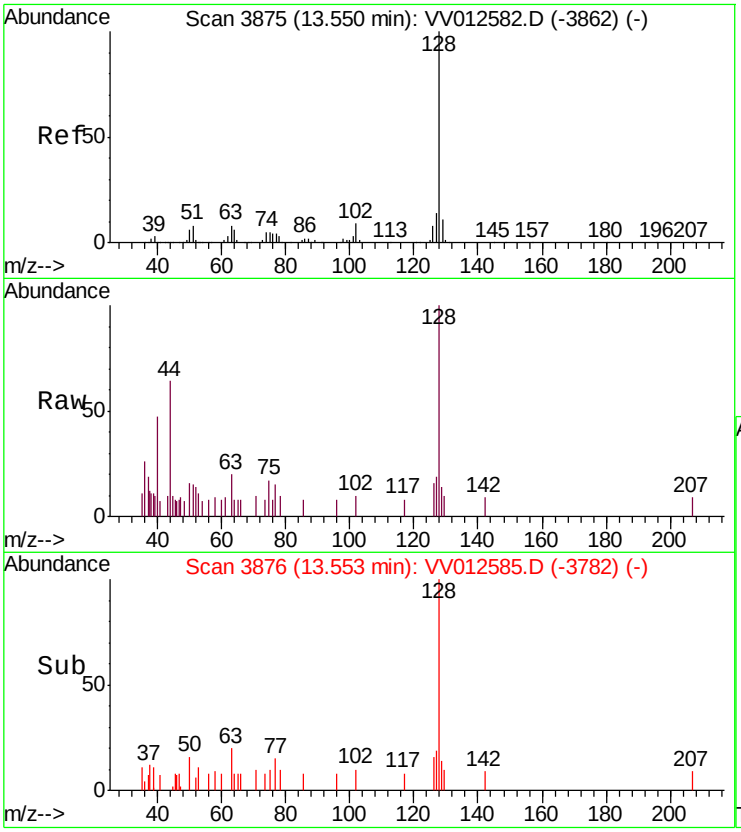


#68
1,2,4-trichlorobenzene
Concen: 0.091 ug/L
RT: 13.32 min Scan# 3804
Delta R.T. 0.01 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Tgt Ion:180 Resp: 1219

Ion	Ratio	Lower	Upper
180	100		
182	104.3	74.7	112.1
145	50.5	24.9	37.3#



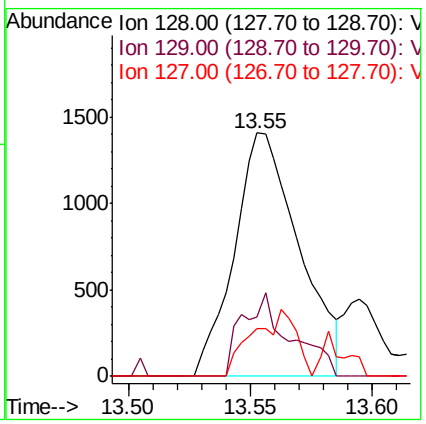


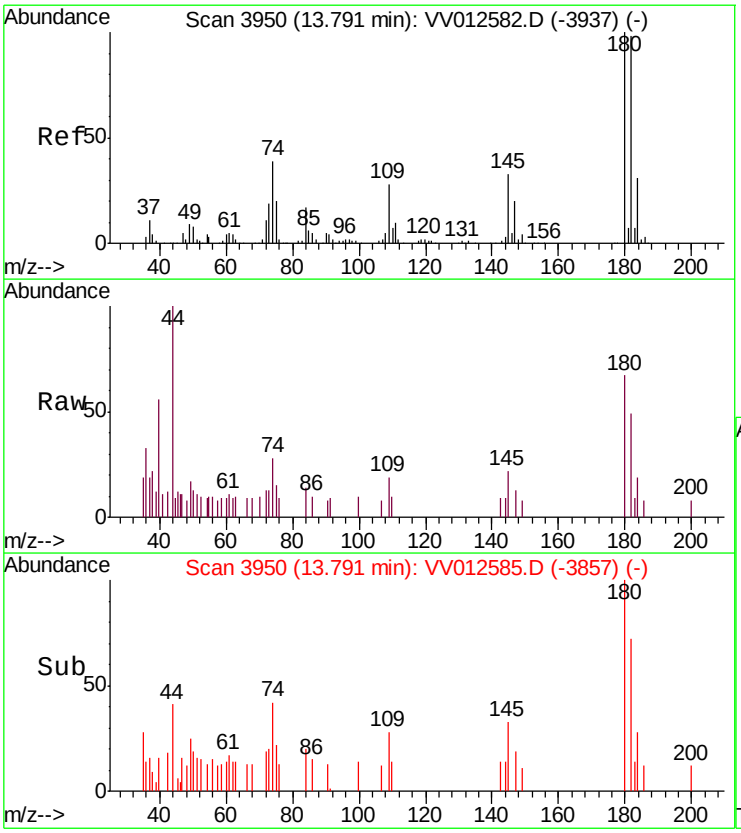
#69
Naphthalene
Concen: 0.134 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Instrument : MSVOA_V
ClientSampleId : VIBLK40

Tgt Ion:128 Resp: 2589

Ion	Ratio	Lower	Upper
128	100		
129	25.1	8.6	12.8#
127	18.3	11.1	16.7#





#70
1,2,3-Trichlorobenzene
Concen: 0.127 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VV012585.D
Acq: 05 Sep 2019 17:18

Tgt Ion:180 Resp: 1595

Ion	Ratio	Lower	Upper
180	100		
182	82.4	77.8	116.6
145	32.7	26.8	40.2