Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112619\
Data File : VV013787.D
Acq On : 26 Nov 2019 15:04
Operator : SY/MD
Sample : K5993-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 27 01:21:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339247	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	351023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159597	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87132	4.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.00%			
7) Chloroethane-d5	1.58	69	86618	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.13	63	130544	3.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.80%			
20) 2-Butanone-d5	3.92	46	220300	50.47	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.94%			
24) Chloroform-d	4.40	84	176435	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.08	65	101177	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.10	84	376153	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
36) 1,2-Dichloropropane-d6	6.11	67	119254	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.40%			
41) Toluene-d8	7.36	98	311836	3.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.40%			
43) trans-1,3-Dichloropropene-	7.66	79	39533	3.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.20%			
46) 2-Hexanone-d5	8.13	63	185490	47.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87058	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	137550	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
8) Chloroethane	1.59	64	1314	0.108	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1602	0.086	ug/L #	21
12) 1,1-Dichloroethene	2.14	96	17857	1.095	ug/L #	1
25) Chloroform	4.43	83	23770	0.610	ug/L	91
29) 1,1,1-Trichloroethane	4.65	97	14164	0.394	ug/L	91
35) Methylcyclohexane	6.11	83	30283	0.955	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	13238	0.598	ug/L #	87
45) 1,1,2-Trichloroethane	8.02	97	47889	3.036	ug/L #	1
47) Tetrachloroethene	8.02	164	6704309	325.052	ug/L	99
48) 2-Hexanone	8.17	43	8196	0.889	ug/L #	40
49) Dibromochloromethane	8.02	129	5663705	280.002	ug/L #	10

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

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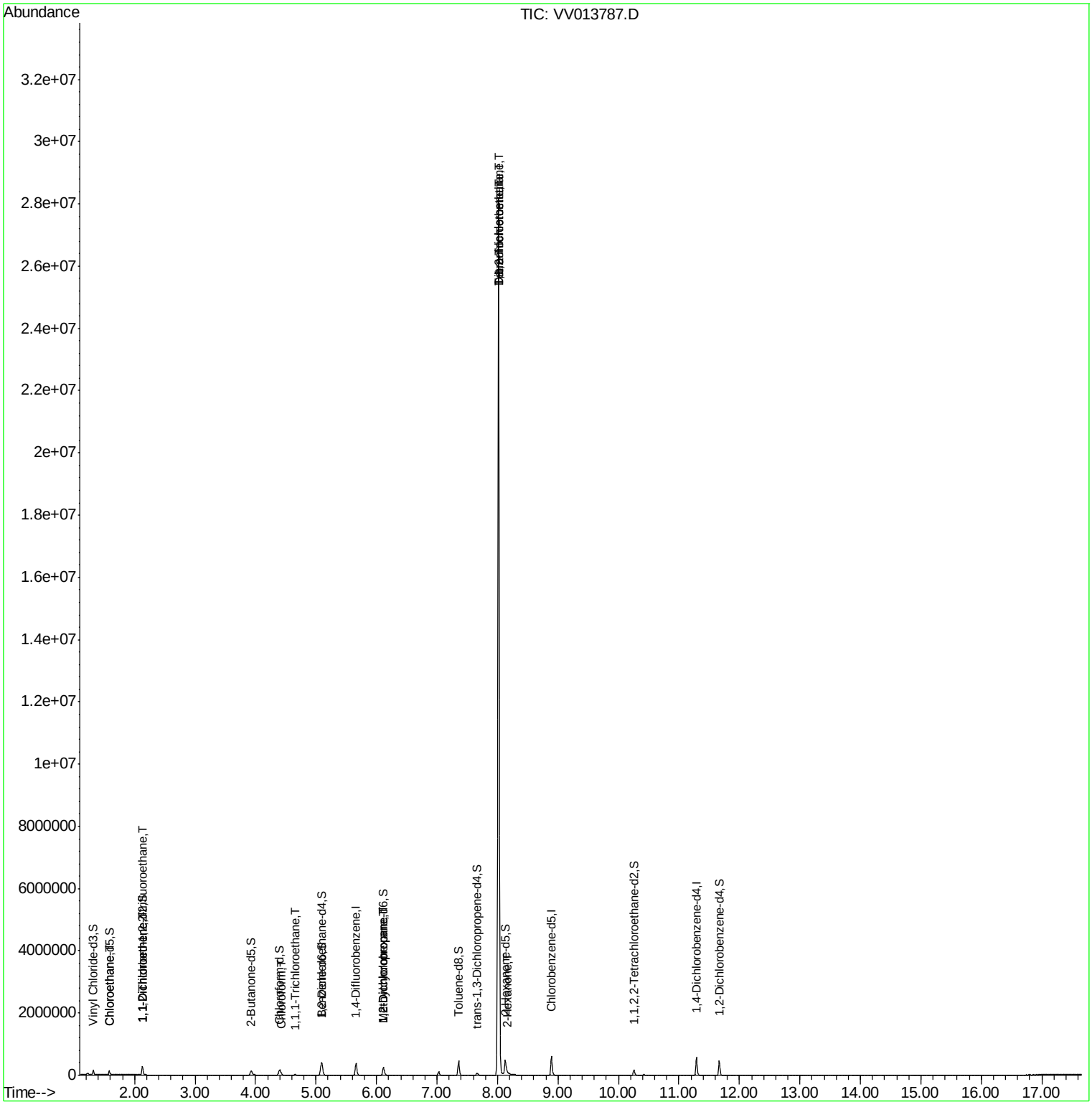
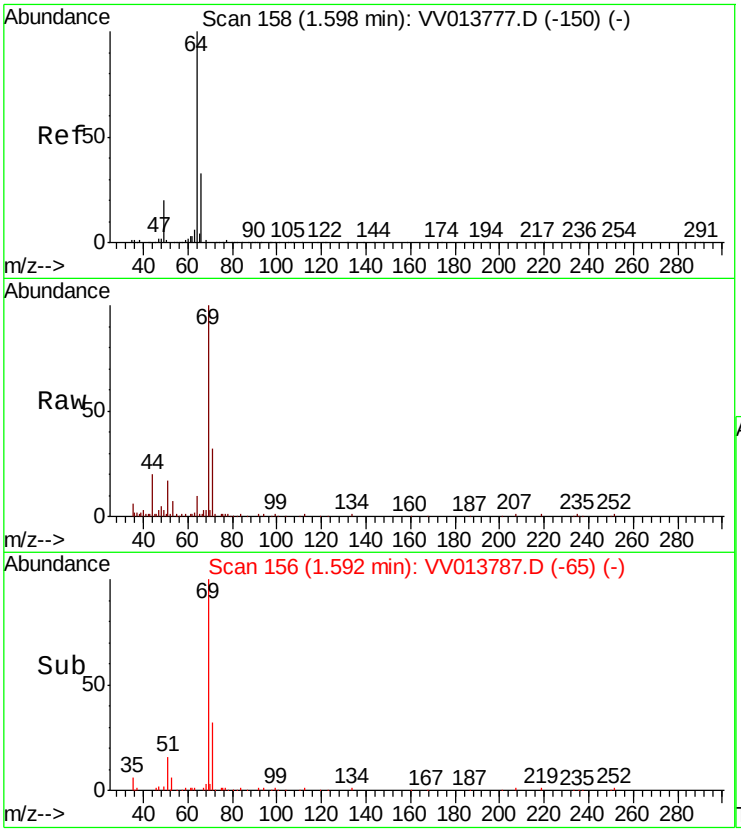
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration



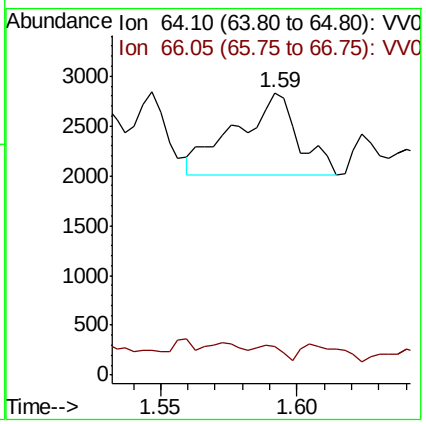


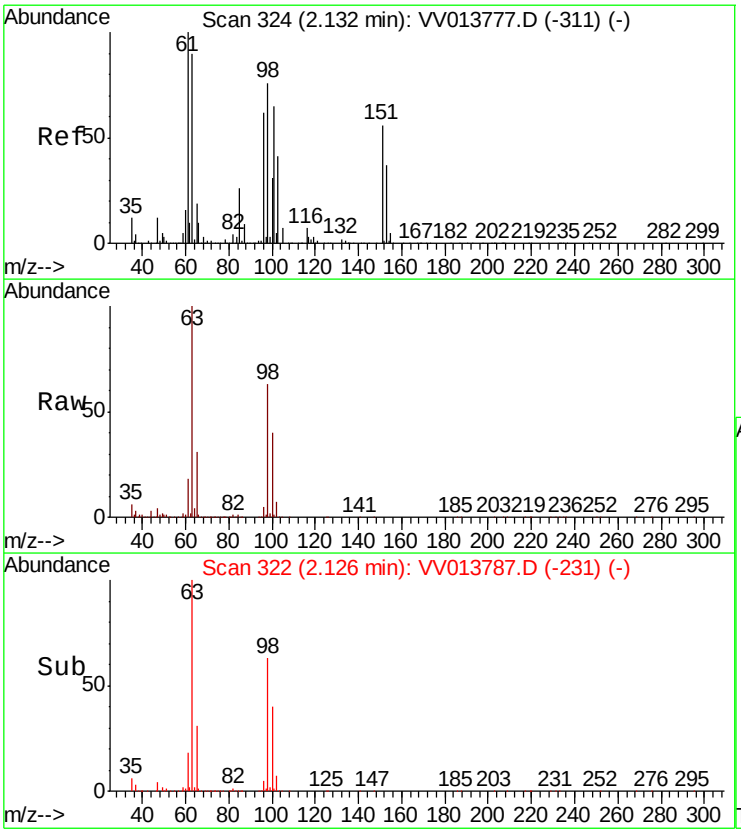
#8
Chloroethane
Concen: 0.108 ug/L
RT: 1.59 min Scan# 156
Delta R.T. -0.01 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 1314

Ion	Ratio	Lower	Upper
64	100		
66	10.2	22.6	42.0#

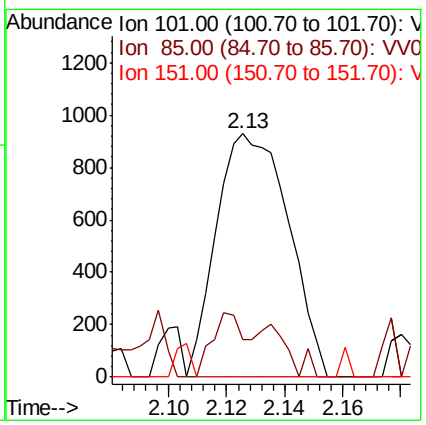


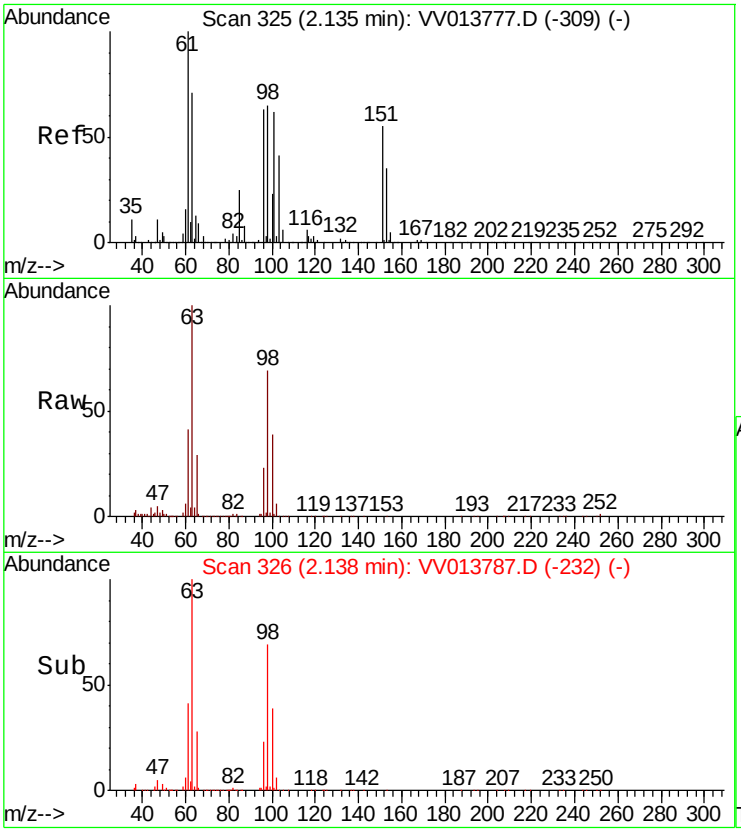


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.086 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Tgt Ion:101 Resp: 1602

Ion	Ratio	Lower	Upper
101	100		
85	12.4	33.4	50.0#
151	0.0	69.4	104.0#



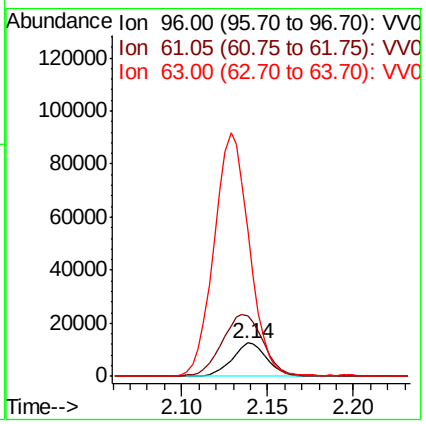


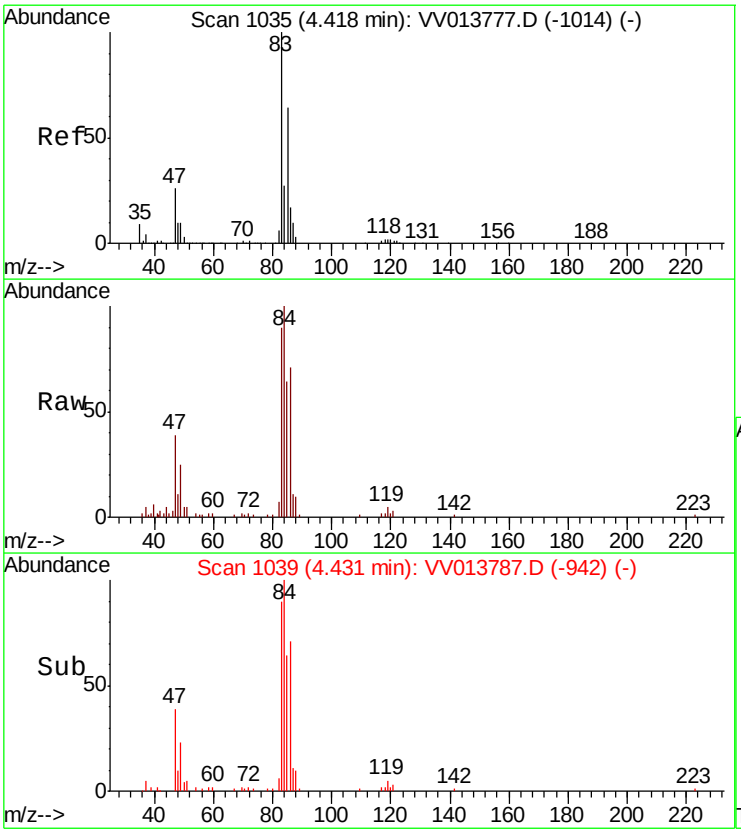
#12
1,1-Dichloroethene
Concen: 1.095 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 17857

Ion	Ratio	Lower	Upper
96	100		
61	180.2	116.3	215.9
63	438.2	96.7	179.7#

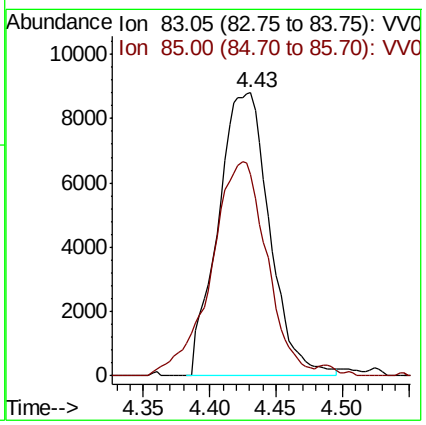


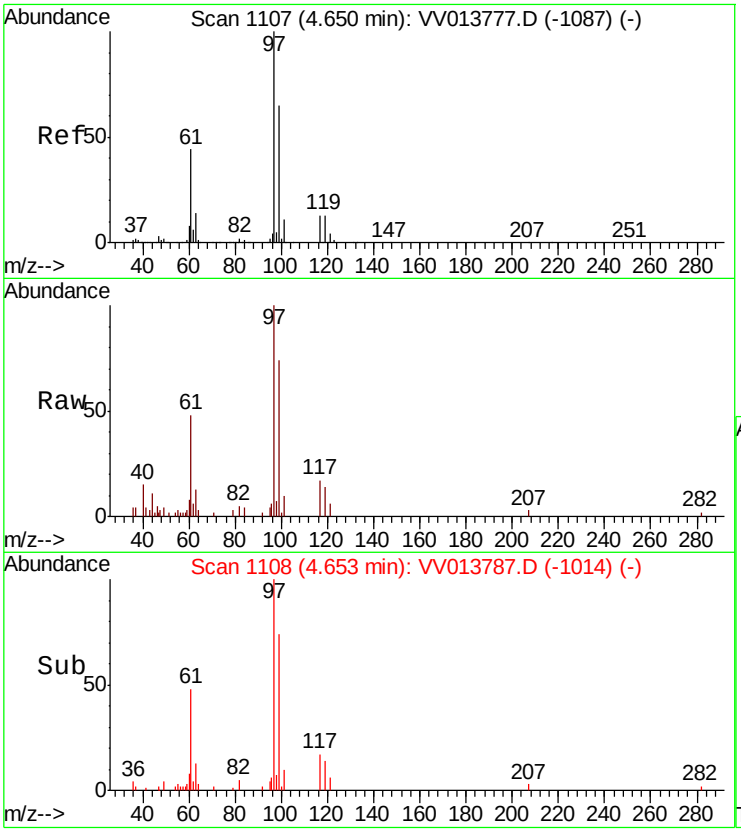


#25
Chloroform
Concen: 0.610 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Tgt Ion: 83 Resp: 23770

Ion	Ratio	Lower	Upper
83	100		
85	71.2	45.1	83.7



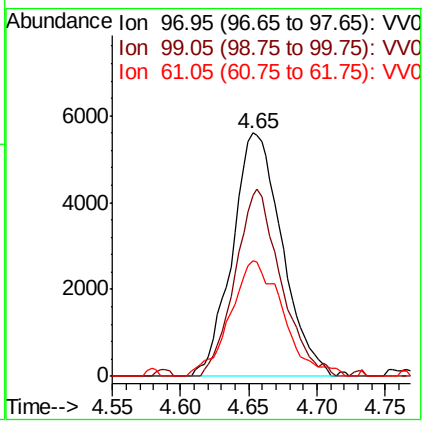


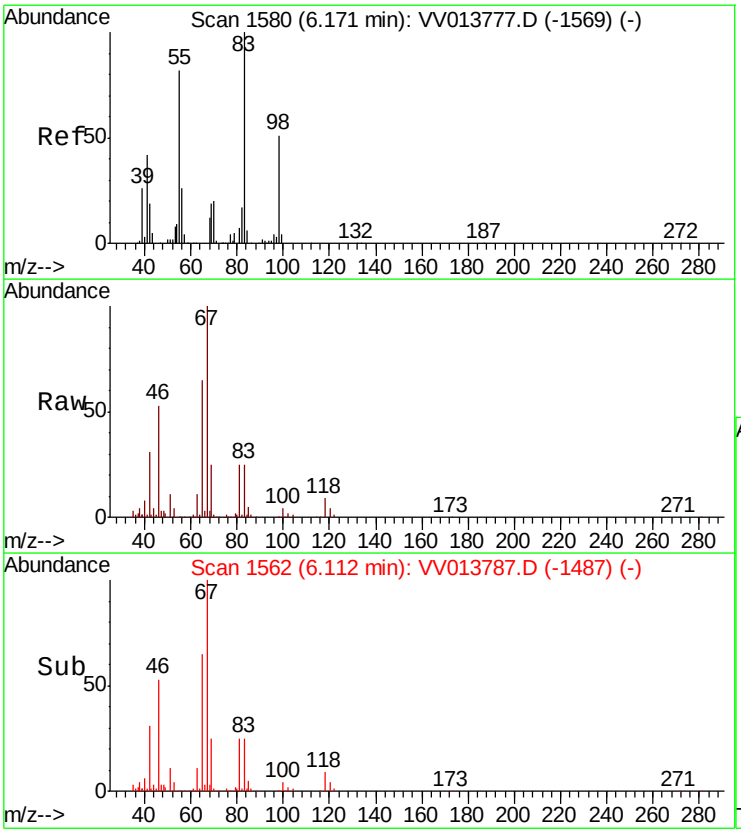
#29
1,1,1-Trichloroethane
Concen: 0.394 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 14164

Ion	Ratio	Lower	Upper
97	100		
99	70.8	51.7	77.5
61	50.5	35.0	52.6

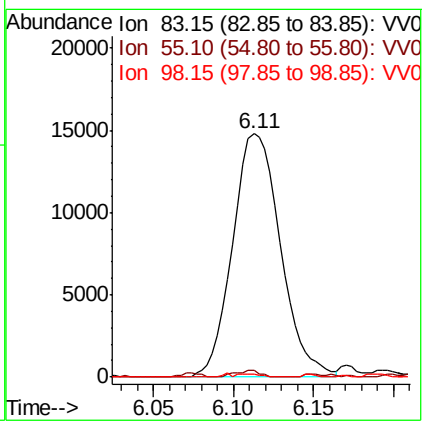


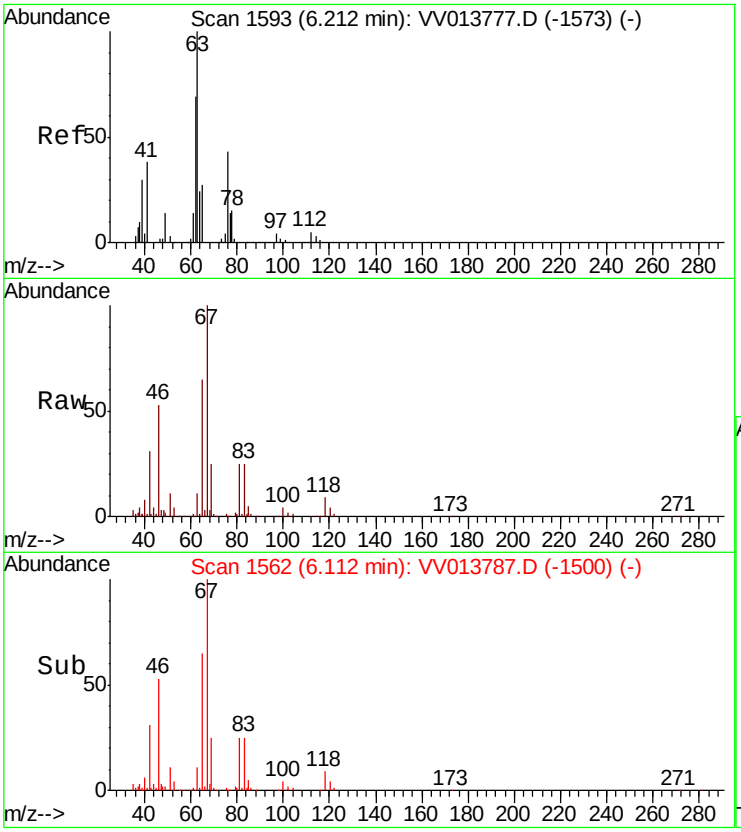


#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Tgt Ion: 83 Resp: 30283

Ion	Ratio	Lower	Upper
83	100		
55	1.4	60.3	90.5#
98	0.6	38.1	57.1#



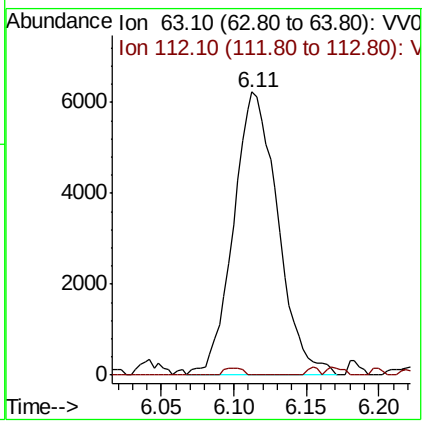


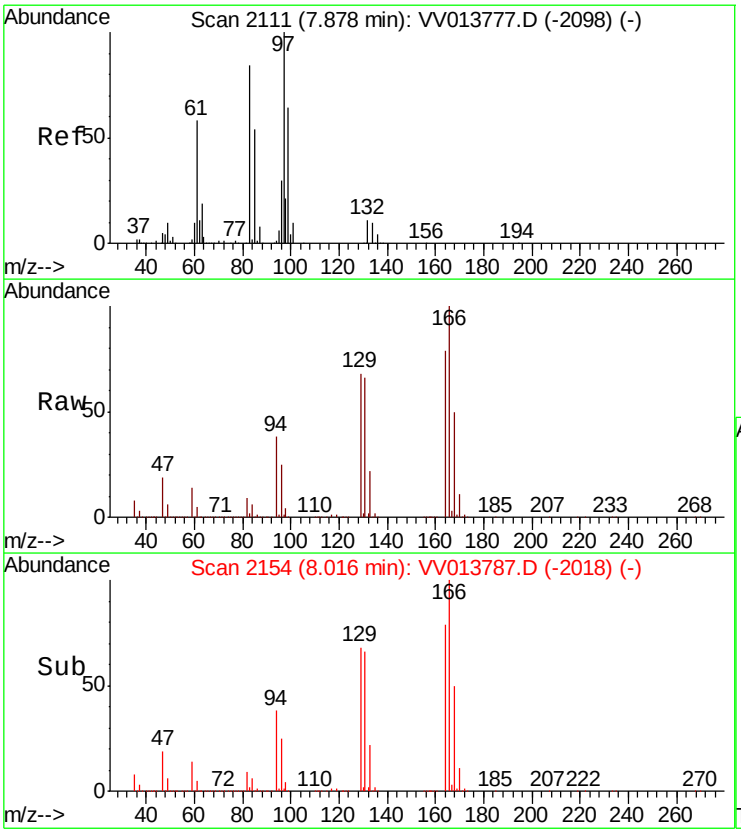
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 13238

Ion	Ratio	Lower	Upper
63	100		
112	1.1	4.4	6.6#

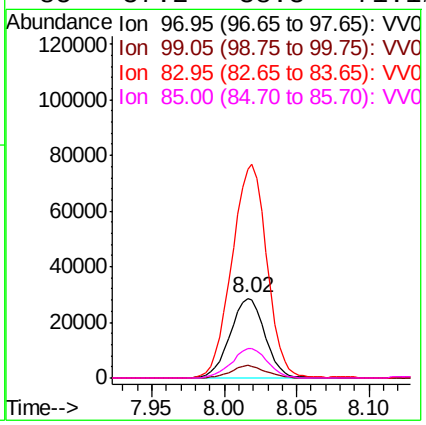


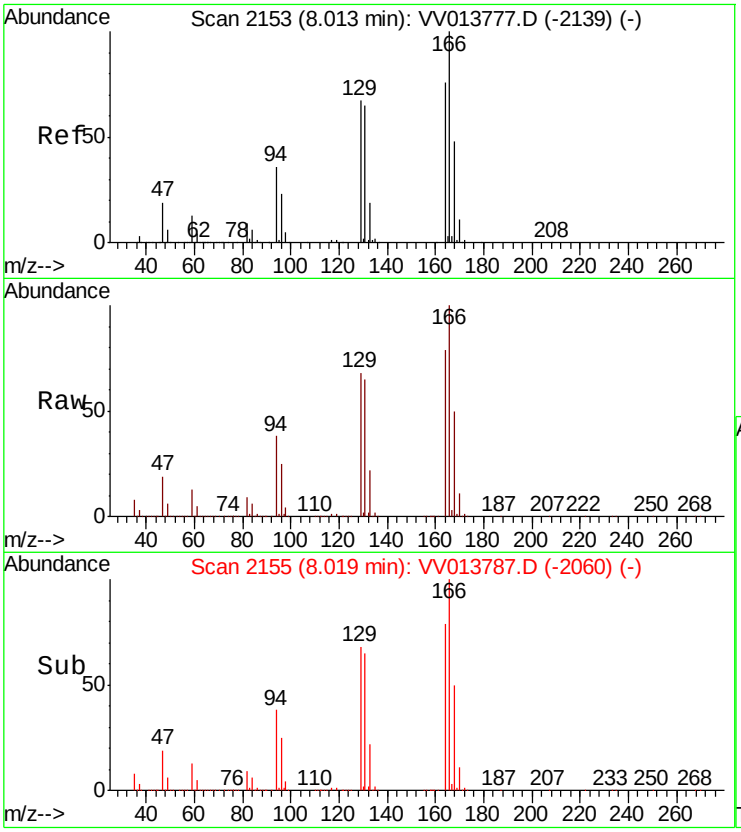


#45
1,1,2-Trichloroethane
Concen: 3.036 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.14 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Tgt Ion: 97 Resp: 47889

Ion	Ratio	Lower	Upper
97	100		
99	15.3	44.2	82.0#
83	261.3	59.7	110.9#
85	37.2	38.3	71.1#



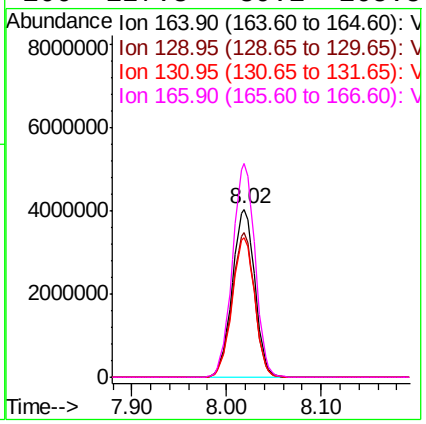


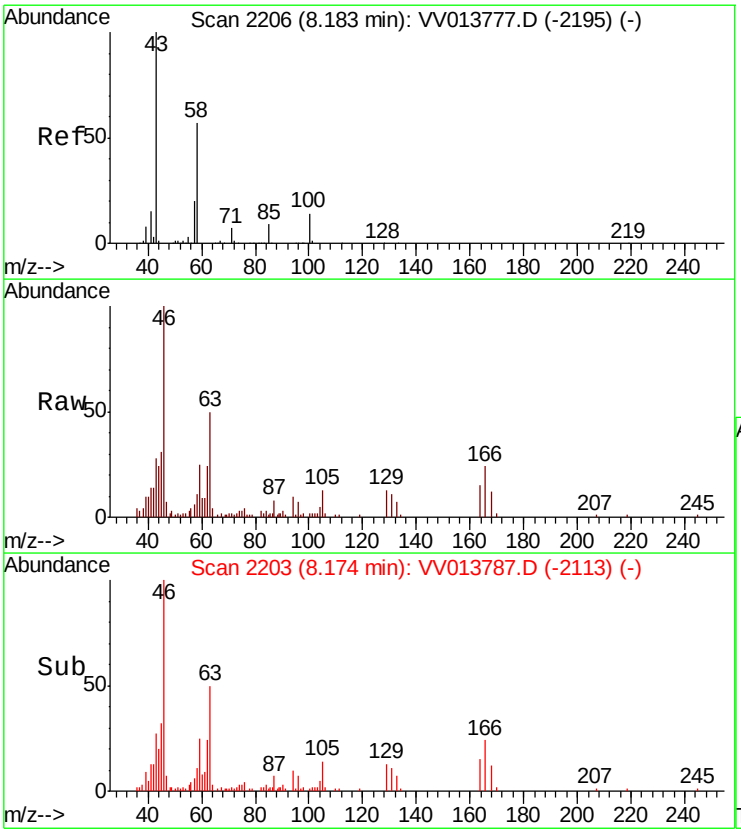
#47
Tetrachloroethene
Concen: 325.052 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 6704309

Ion	Ratio	Lower	Upper
164	100		
129	86.0	60.3	112.1
131	83.3	59.9	111.3
166	127.3	89.1	165.5

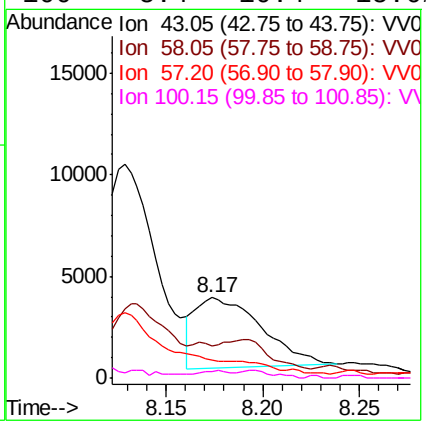


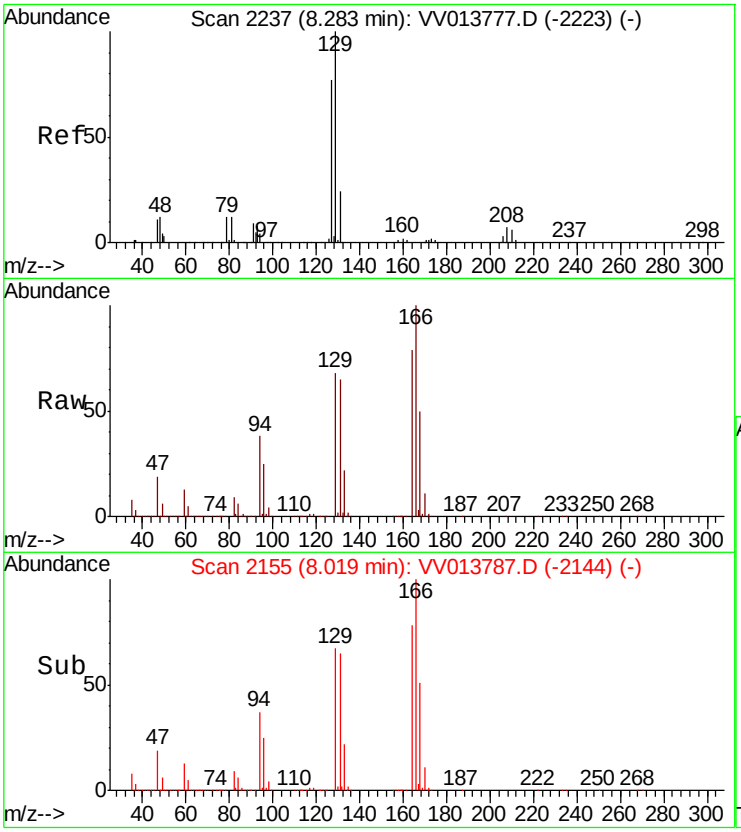


#48
2-Hexanone
Concen: 0.889 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Tgt Ion: 43 Resp: 8196

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.2	64.8#
57	0.0	15.4	23.2#
100	5.4	10.4	15.6#





#49
Dibromochloromethane
Concen: 280.002 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.26 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Tgt Ion:129 Resp: 5663705

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#

Instrument :
MSVOA_V
ClientSampleId :