Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050720\

Quantitation Report (Not Reviewed)

Data File : VV015949.D
Acq On : 07 May 2020 19:28
Operator : SY/MD
Sample : L2519-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRS0

Quant Time: May 08 05:17:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142431	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140218	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65605	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	39630	5.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.60%			
7) Chloroethane-d5	1.58	69	37938	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.12	63	63048	3.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.80%			
20) 2-Butanone-d5	3.93	46	125486	56.93	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.86%			
24) Chloroform-d	4.38	84	90554	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.20%			
26) 1,2-Dichloroethane-d4	5.06	65	51614	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.08	84	173986	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.09	67	55304	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.34	98	158438	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
45) trans-1,3-Dichloropropene-	7.65	79	18710	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
48) 2-Hexanone-d5	8.12	63	87701	49.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.90%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36830	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	58737	5.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	4635	0.419	ug/L	100
8) Chloroethane	1.47	64	4224	0.561	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	809	0.099	ug/L #	46
12) 1,1-Dichloroethene	2.12	96	607	0.077	ug/L #	1
13) Acetone	2.21	43	3223	2.217	ug/L	90
18) trans-1,2-Dichloroethene	2.78	96	2537	0.293	ug/L	91
22) cis-1,2-Dichloroethene	3.94	96	107992	11.909	ug/L	97
25) Chloroform	4.41	83	2704	0.147	ug/L	94
34) Trichloroethene	5.94	95	10835	1.076	ug/L	96
35) Methylcyclohexane	6.10	83	13732	0.902	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6789	0.757	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1911	0.151	ug/L #	70
43) 1,3,5-Trimethylbenzene	10.57	105	22	0.001	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	134	0.004	ug/L #	100
50) 2-Hexanone	8.17	43	6328	1.602	ug/L #	85
67) 1,2-Dibromo-3-chloropropan	12.27	75	1947	1.865	ug/L #	17

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050720\

Quantitation Report (Not Reviewed)

Data File : VV015949.D
Acq On : 07 May 2020 19:28
Operator : SY/MD
Sample : L2519-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRS0

Quant Time: May 08 05:17:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050720\

Quantitation Report (Not Reviewed)

Data File : VV015949.D
Acq On : 07 May 2020 19:28
Operator : SY/MD
Sample : L2519-03
Misc : 25.0mL/MSVOA_V/WATER
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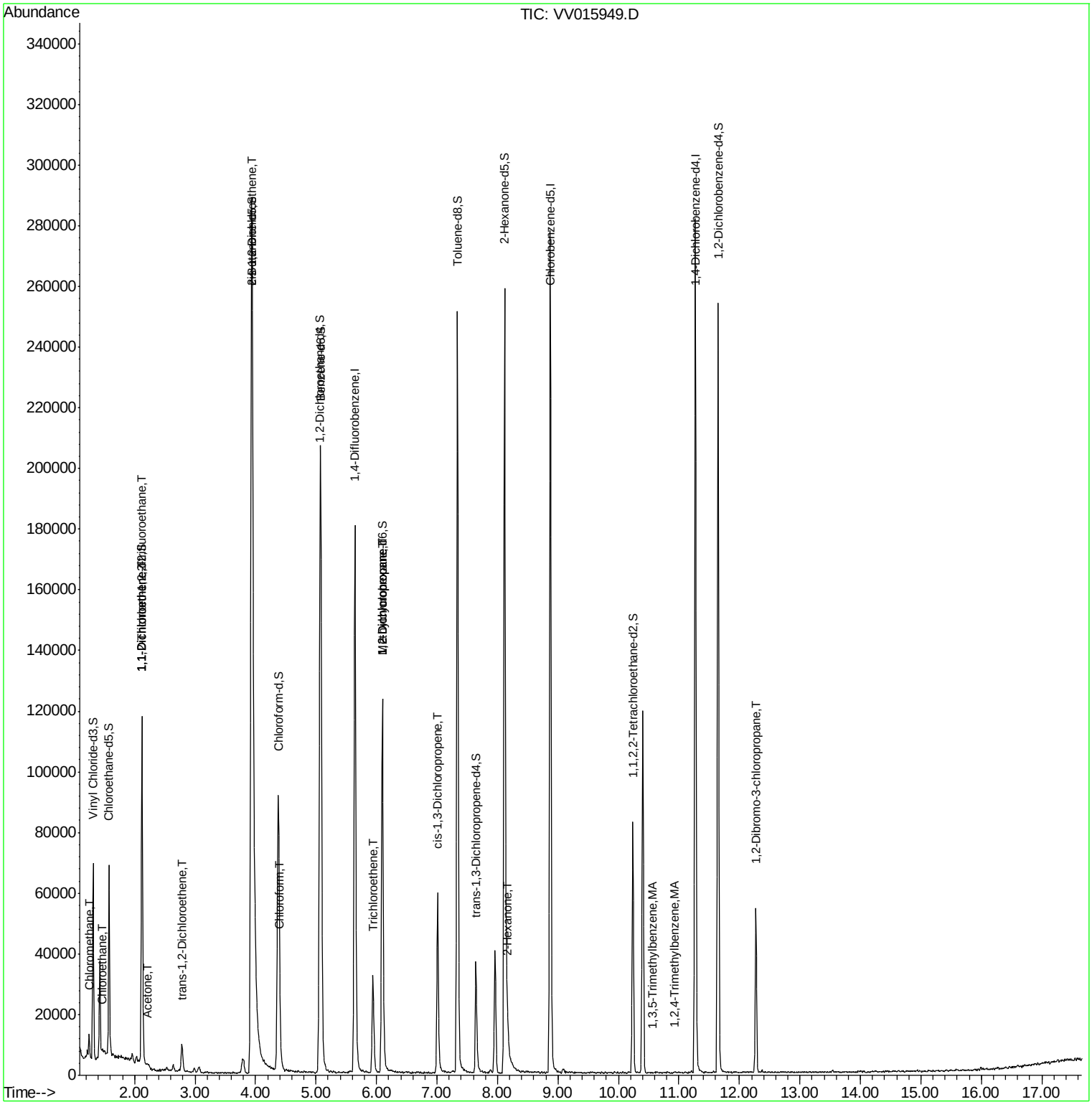
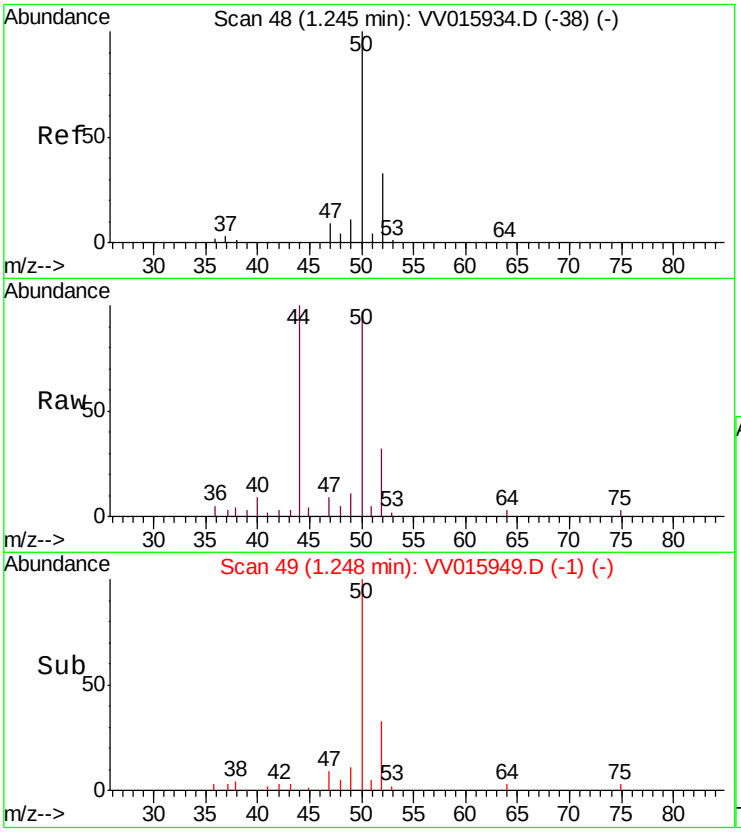
Quant Time: May 08 05:17:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration



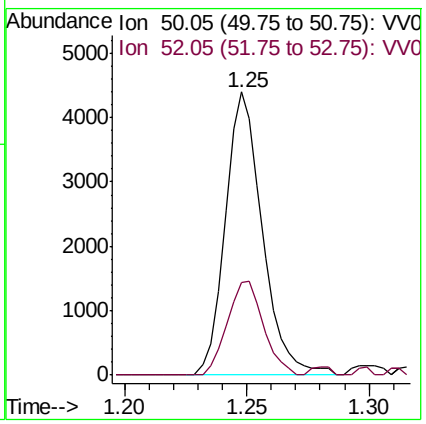


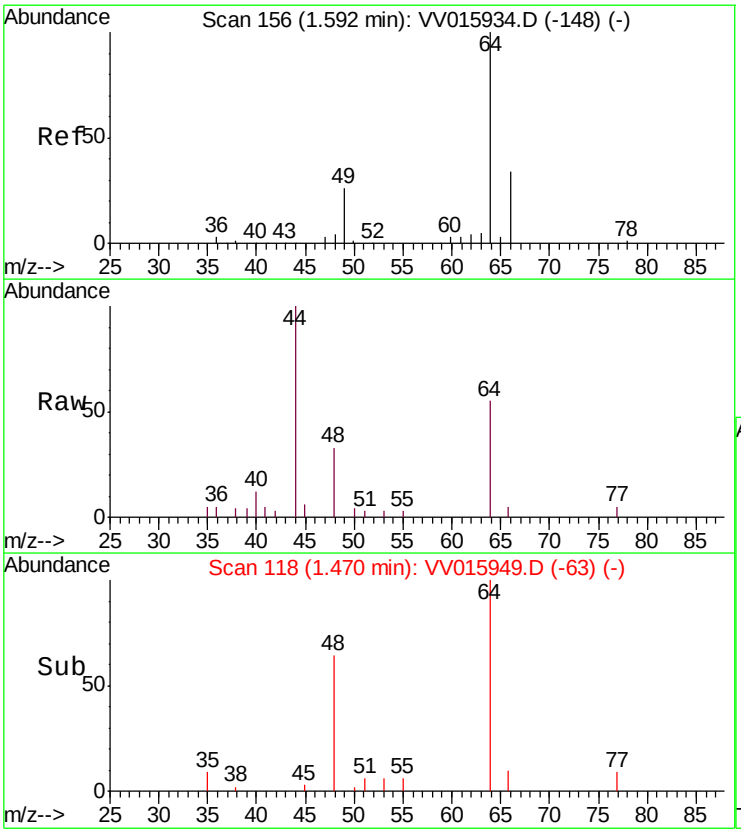
#3
Chloromethane
Concen: 0.419 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tgt Ion: 50 Resp: 4635

Ion	Ratio	Lower	Upper
50	100		
52	32.6	22.8	42.4

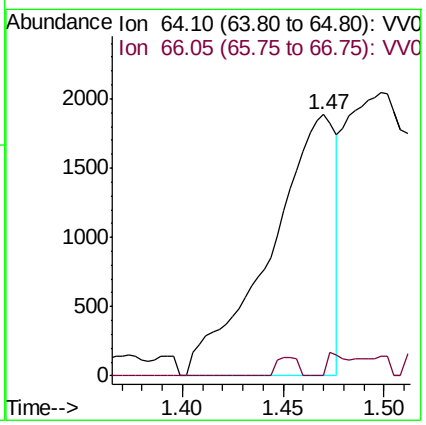


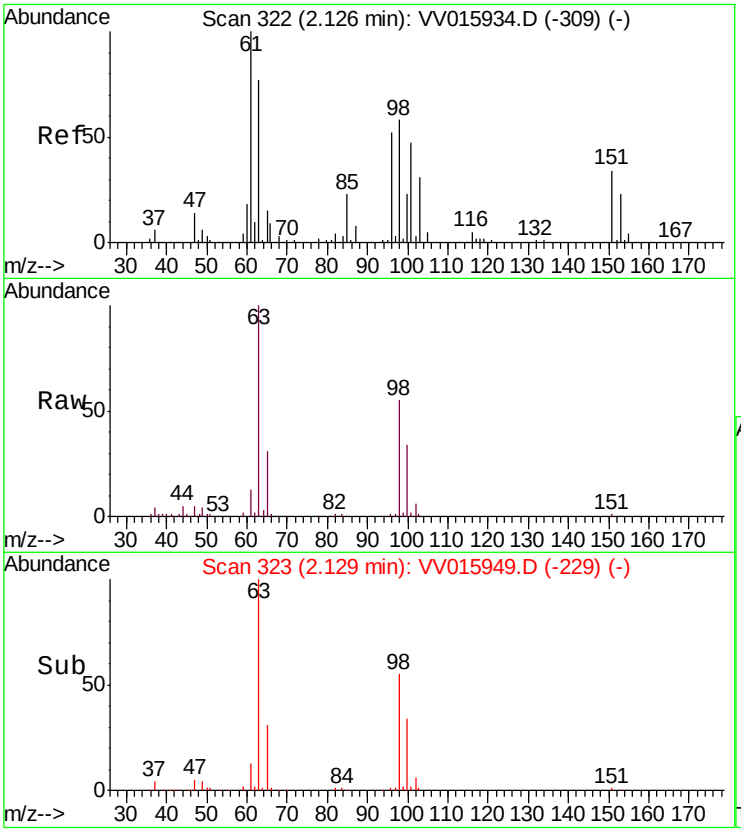


#8
Chloroethane
Concen: 0.561 ug/L
RT: 1.47 min Scan# 118
Delta R.T. -0.12 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion: 64 Resp: 4224

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.6	43.8#



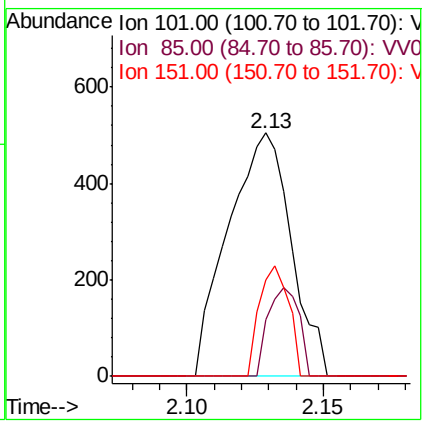


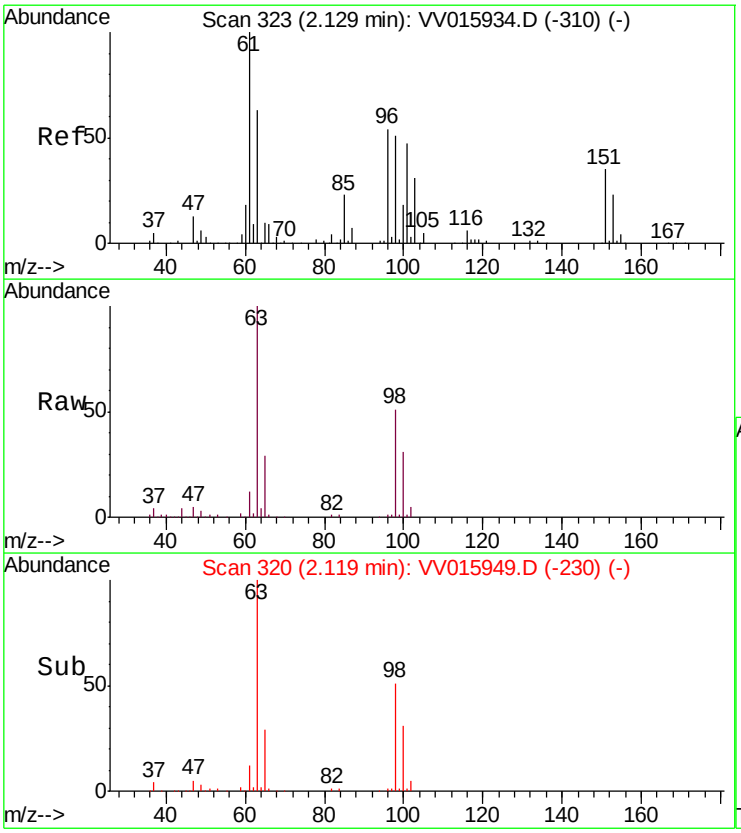
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tgt Ion:101 Resp: 809

Ion	Ratio	Lower	Upper
101	100		
85	17.9	35.7	53.5#
151	21.0	58.0	87.0#

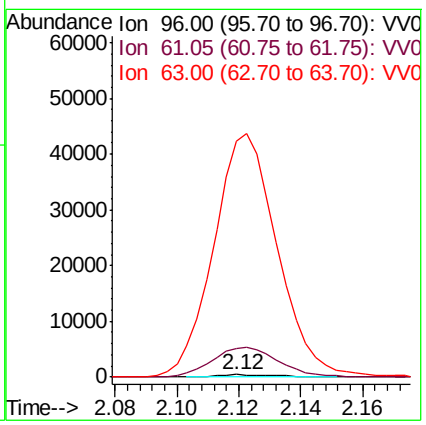


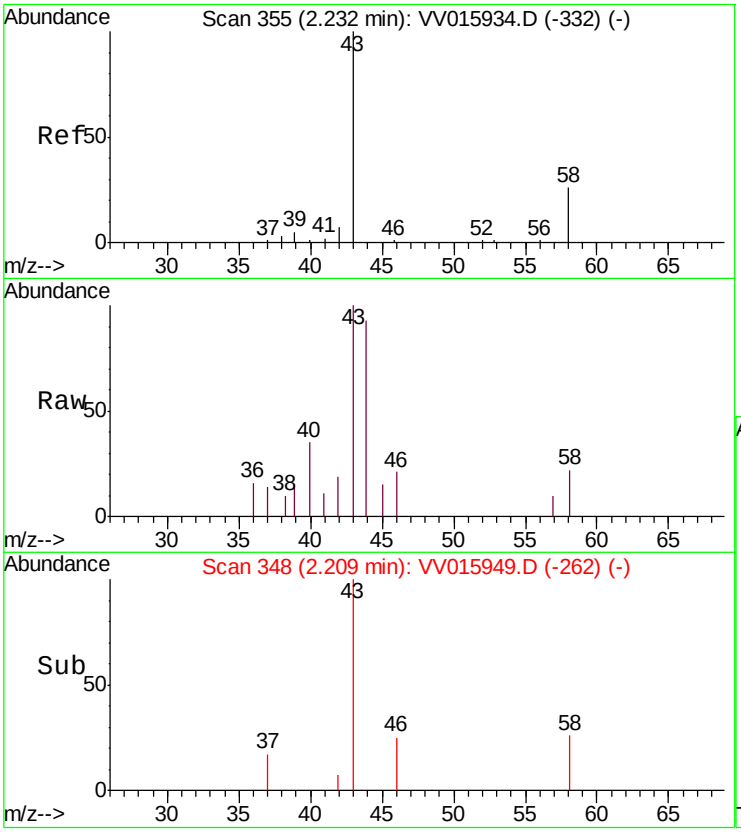


#12
1,1-Dichloroethene
Concen: 0.077 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion: 96 Resp: 607

Ion	Ratio	Lower	Upper
96	100		
61	1164.2	139.9	259.7#
63	9395.6	106.4	197.6#



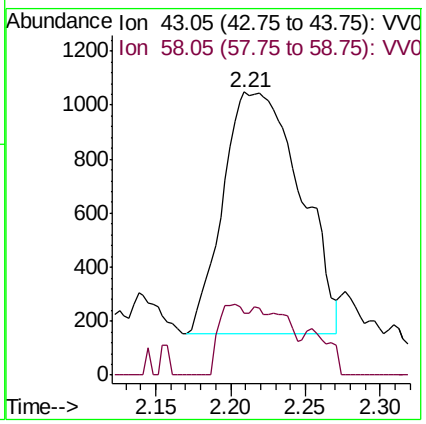


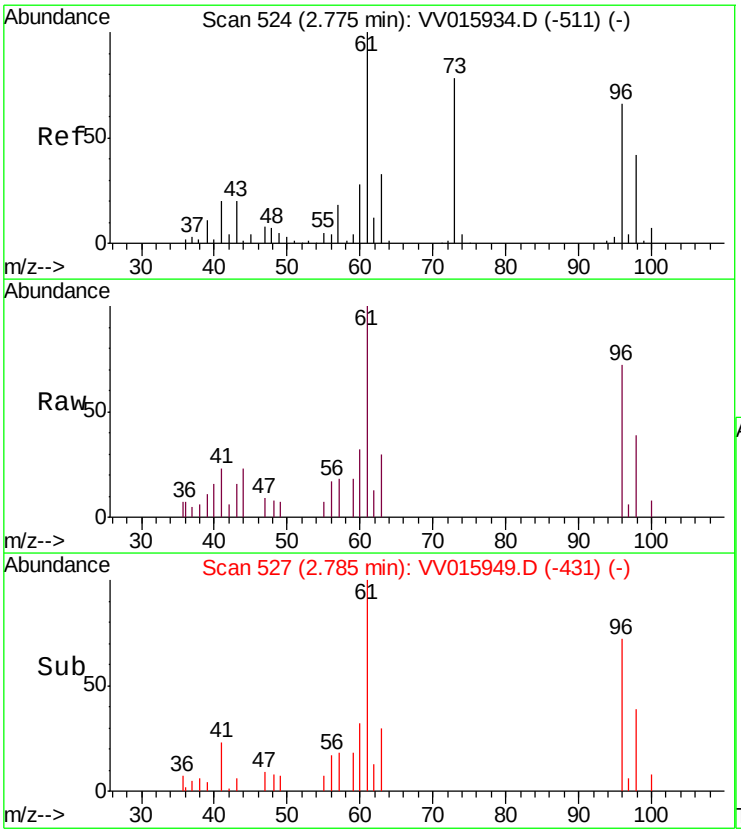
#13
Acetone
Concen: 2.217 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.02 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tgt Ion: 43 Resp: 3223

Ion	Ratio	Lower	Upper
43	100		
58	11.1	0.0	30.8

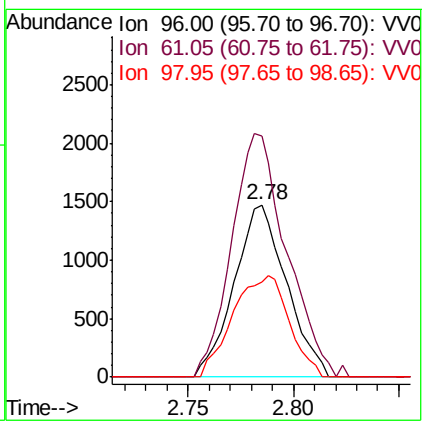


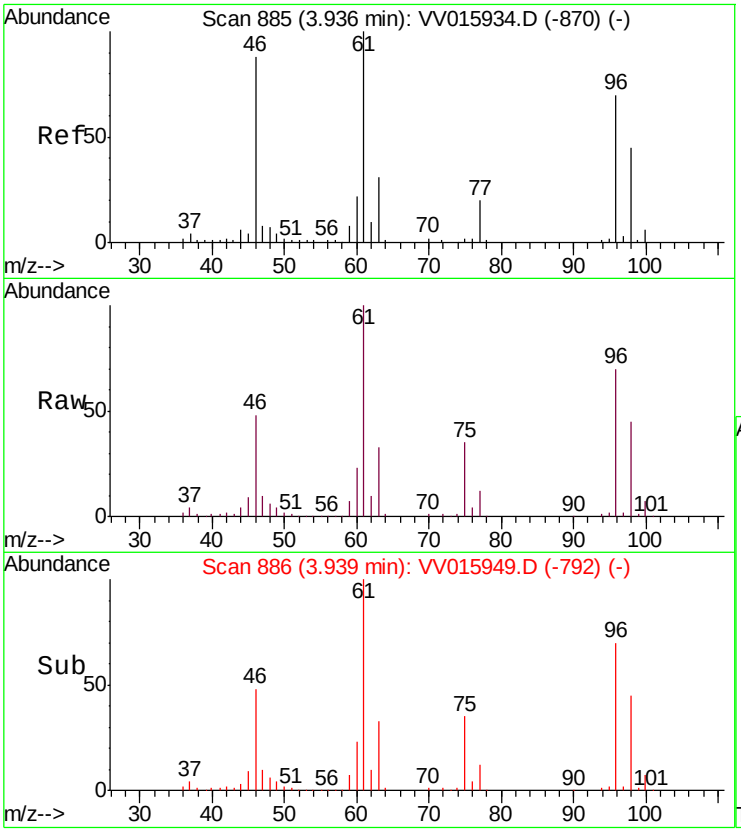


#18
trans-1,2-Dichloroethene
Concen: 0.293 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion: 96 Resp: 2537

Ion	Ratio	Lower	Upper
96	100		
61	139.9	105.3	195.5
98	55.0	44.0	81.6



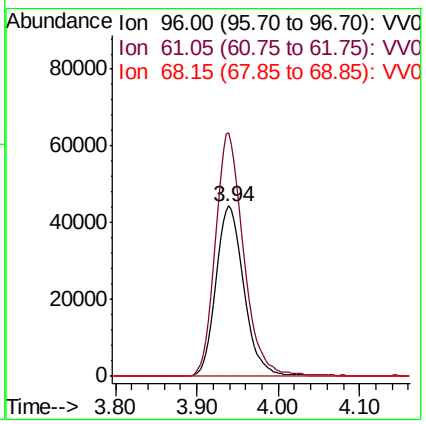


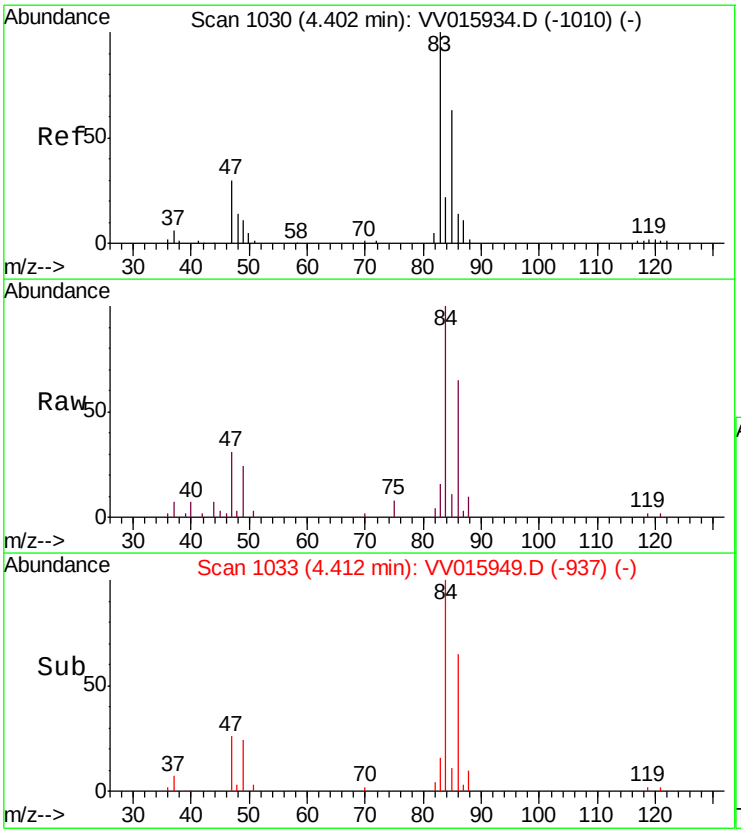
#22
cis-1,2-Dichloroethene
Concen: 11.909 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tgt Ion: 96 Resp: 107992

Ion	Ratio	Lower	Upper
96	100		
61	142.9	97.2	180.6
68	0.0	0.0	0.0

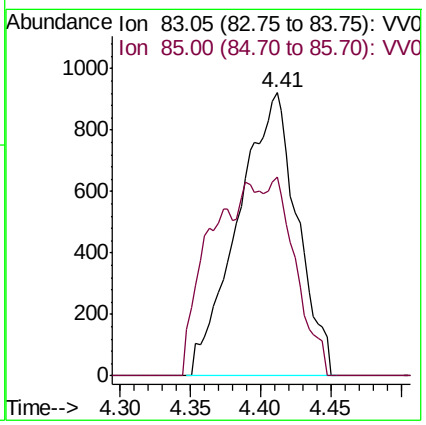


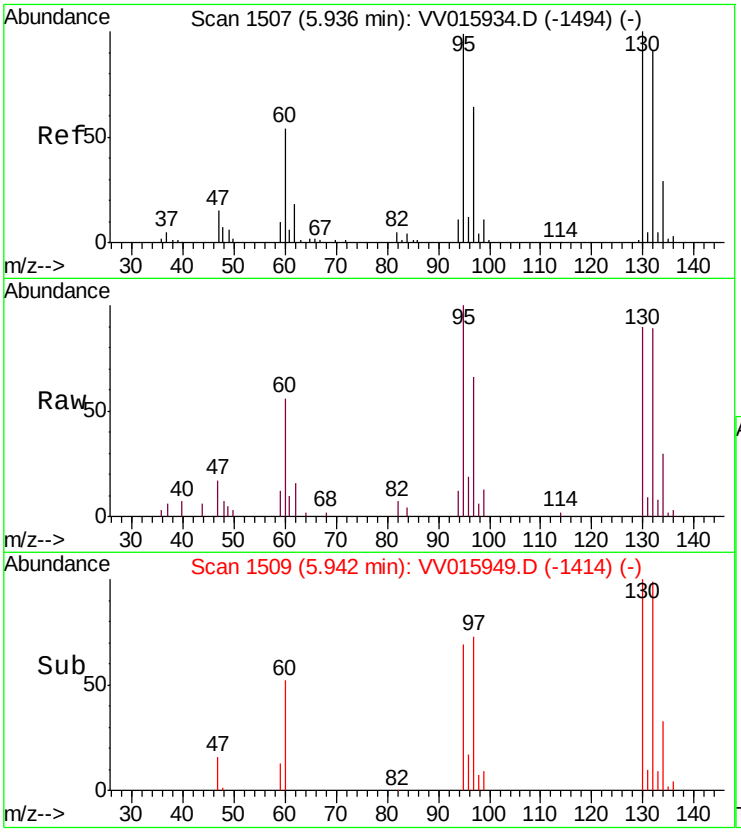


#25
Chloroform
Concen: 0.147 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion: 83 Resp: 2704

Ion	Ratio	Lower	Upper
83	100		
85	70.2	45.7	84.9



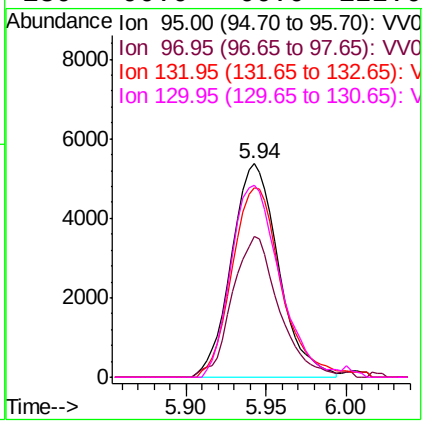


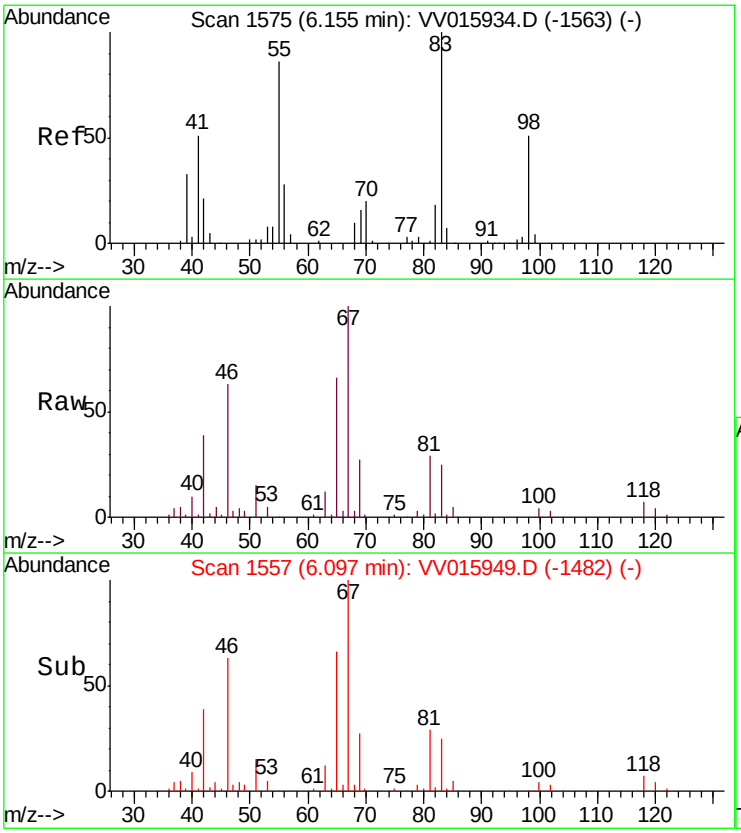
#34
Trichloroethene
Concen: 1.076 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tgt Ion: 95 Resp: 10835

Ion	Ratio	Lower	Upper
95	100		
97	65.7	43.3	80.5
132	88.9	60.3	112.1
130	90.0	66.0	122.6

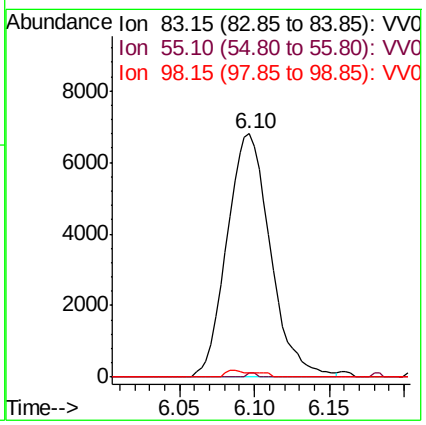


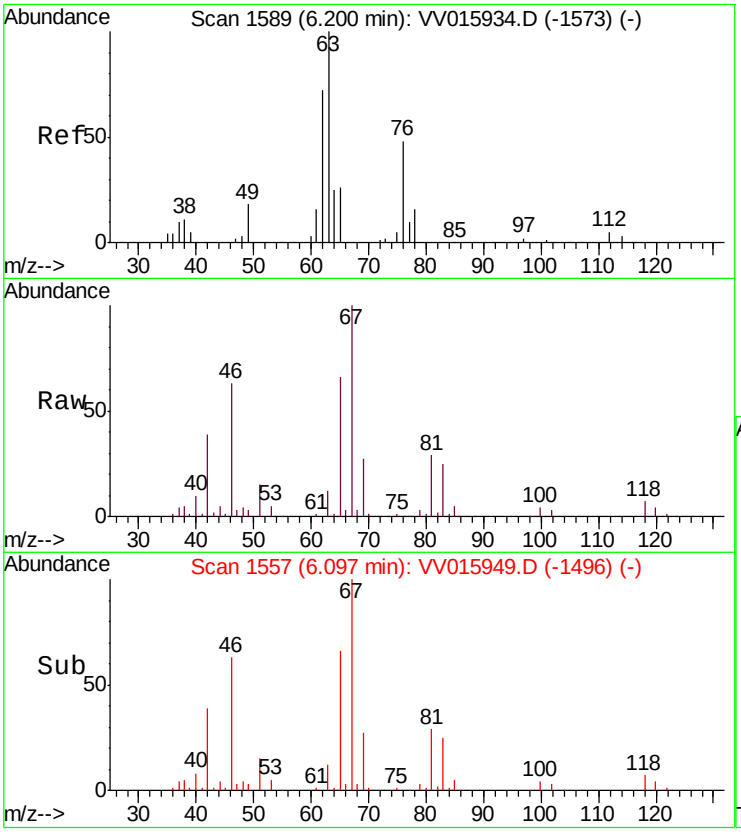


#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion: 83 Resp: 13732

Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.2	99.2#
98	1.4	37.9	56.9#



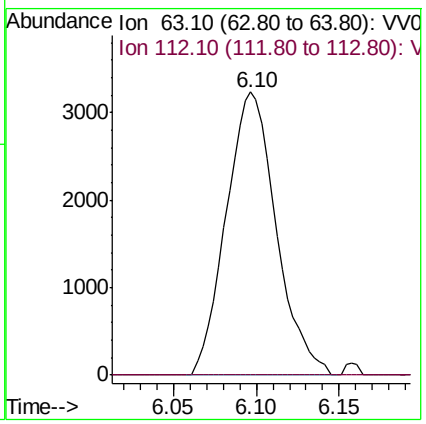


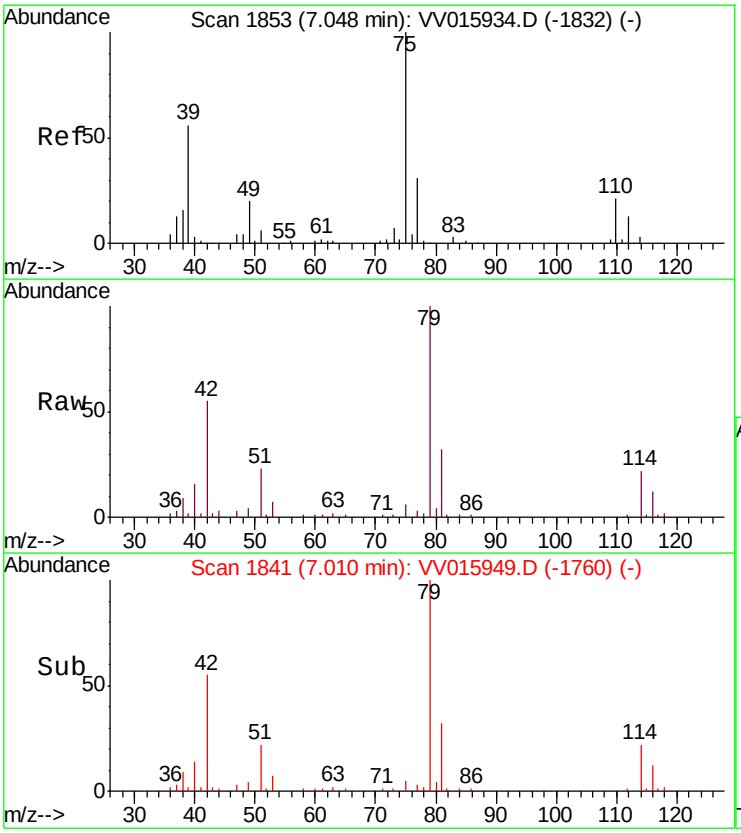
#37
1,2-Dichloropropane
Concen: 0.757 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tgt Ion: 63 Resp: 6789

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

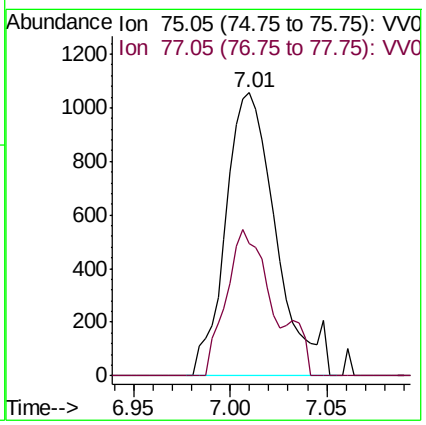


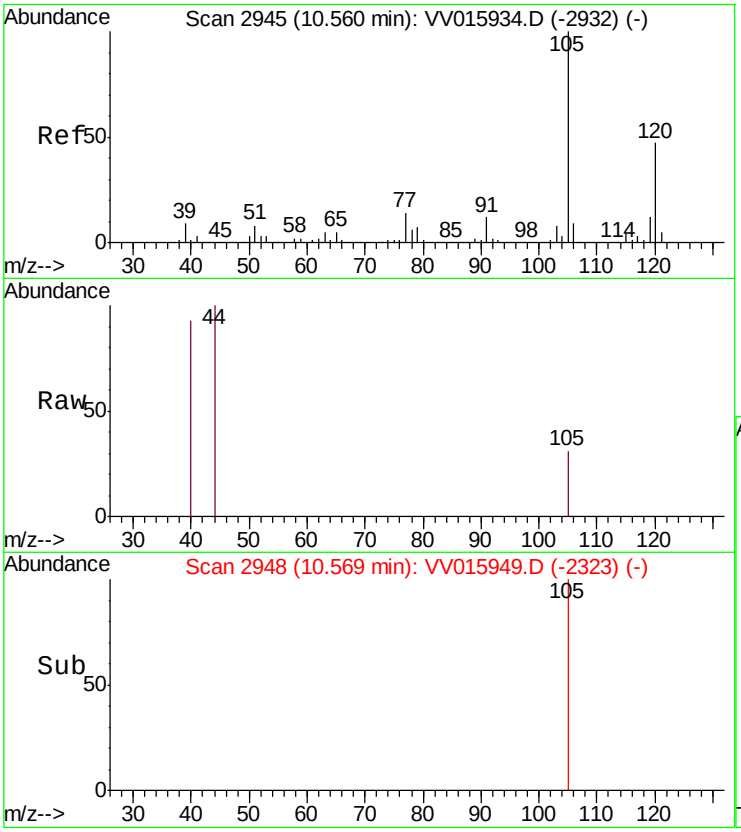


#39
cis-1,3-Dichloropropene
Concen: 0.151 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion: 75 Resp: 1911

Ion	Ratio	Lower	Upper
75	100		
77	46.9	21.3	39.5#



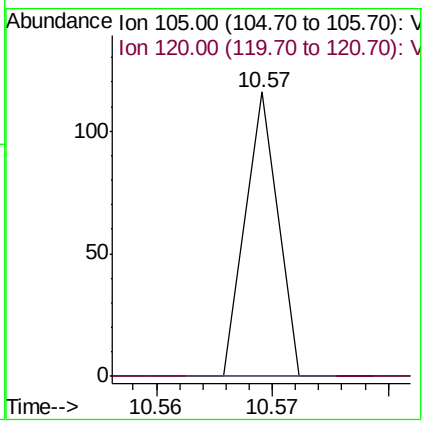


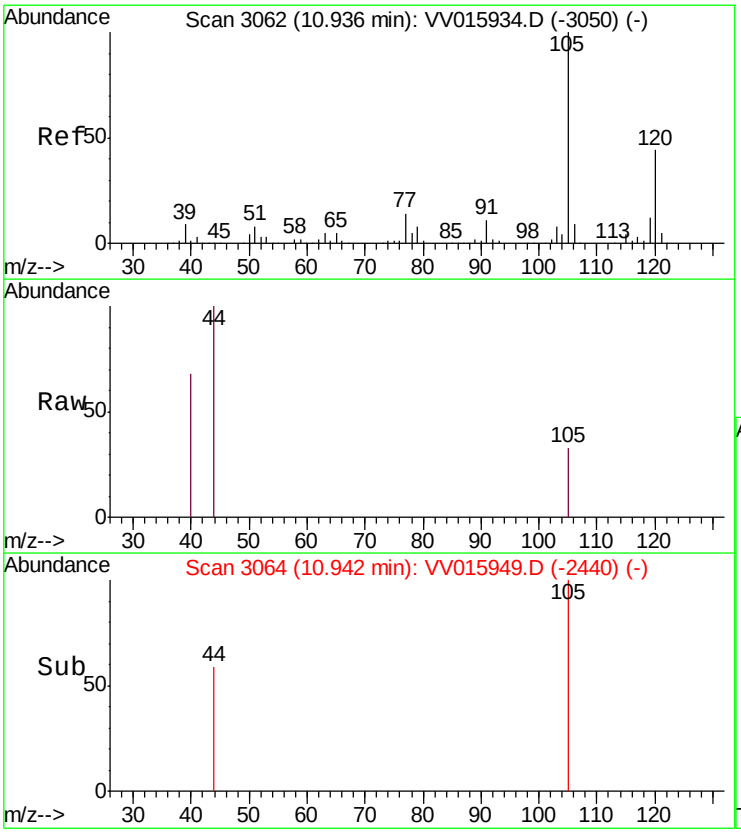
#43
1,3,5-Trimethylbenzene
Concen: 0.001 ug/L
RT: 10.57 min Scan# 2948
Delta R.T. 0.01 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tgt Ion:105 Resp: 22

Ion	Ratio	Lower	Upper
105	100		
120	0.0	0.0	0.0

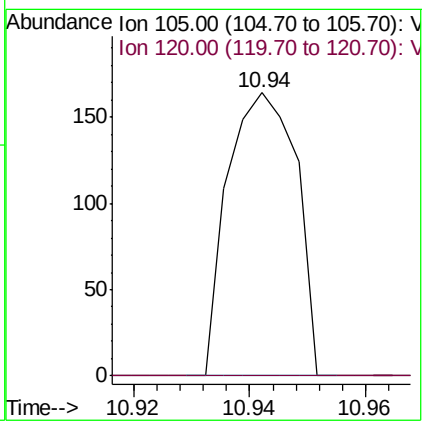


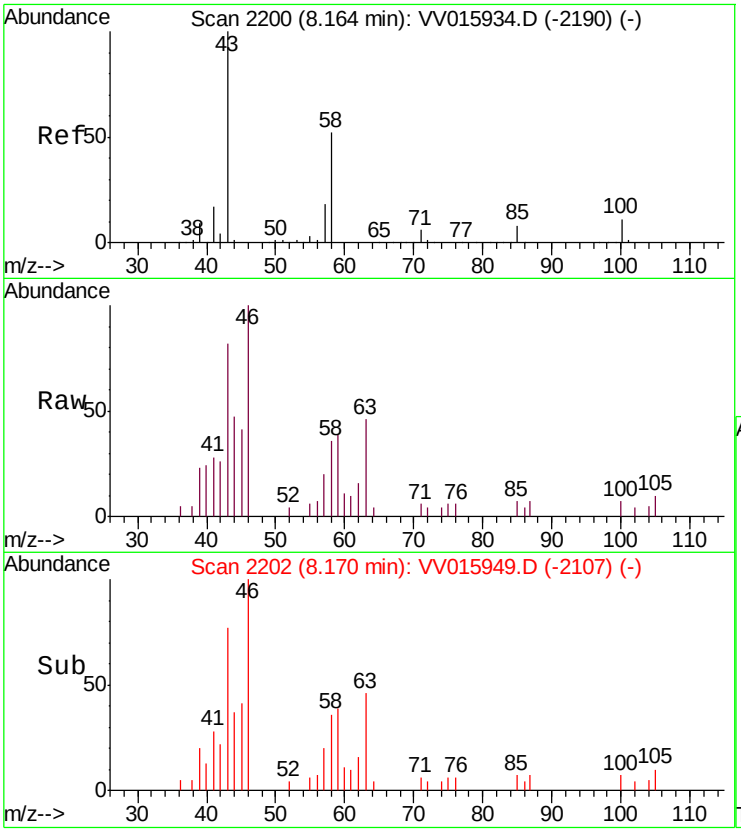


#44
1,2,4-Trimethylbenzene
Concen: 0.004 ug/L
RT: 10.94 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion:105 Resp: 134

Ion	Ratio	Lower	Upper
105	100		
120	0.0	0.0	0.0



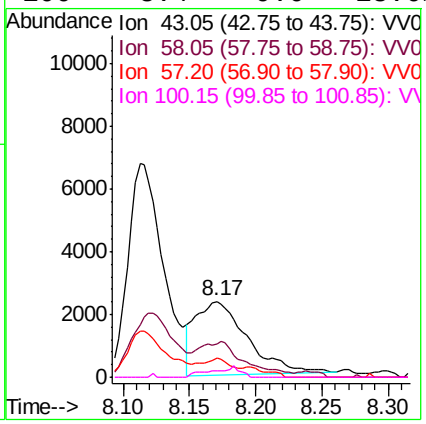


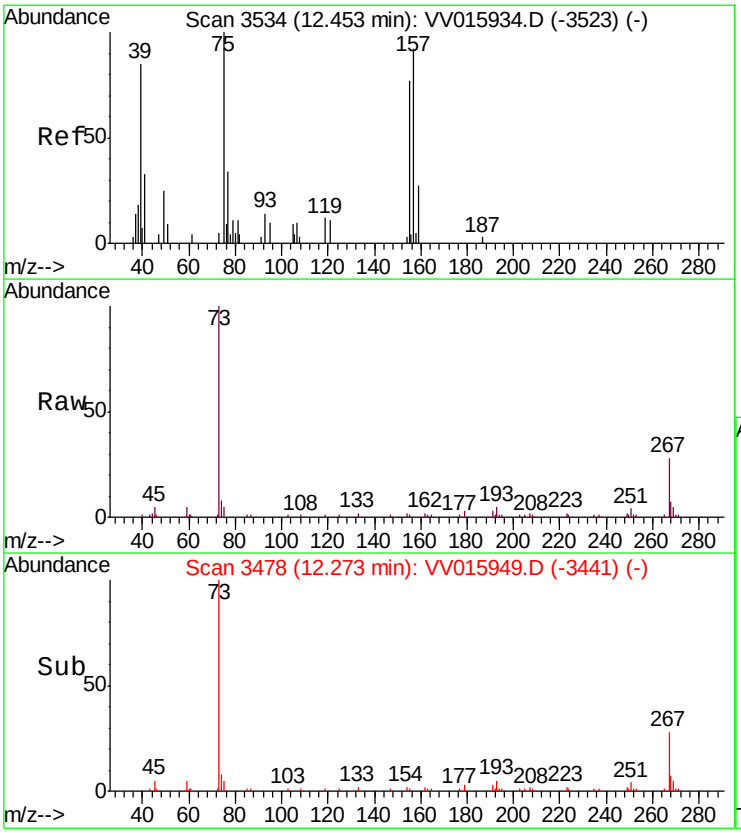
#50
2-Hexanone
Concen: 1.602 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Instrument :
MSVOA_V
ClientSampleId :
BFRS0

Tgt Ion: 43 Resp: 6328

Ion	Ratio	Lower	Upper
43	100		
58	43.5	40.8	61.2
57	4.8	14.7	22.1#
100	8.4	9.0	13.6#





#67
1,2-Dibromo-3-chloropropane
Concen: 1.865 ug/L
RT: 12.27 min Scan# 3478
Delta R.T. -0.18 min
Lab File: VV015949.D
Acq: 07 May 2020 19:28

Tgt Ion: 75 Resp: 1947

Ion	Ratio	Lower	Upper
75	100		
155	22.5	58.2	87.4#
157	0.0	79.4	119.2#