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

Quantitation Report (Not Reviewed)

Data File : VV015948.D
Acq On : 07 May 2020 19:04
Operator : SY/MD
Sample : L2517-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Time: May 08 05:17:04 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	143751	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139920	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64523	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	37449	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.58	69	35828	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.12	63	59774	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	3.96	46	35835	16.11	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 32.22%#			
24) Chloroform-d	4.38	84	83989	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.06	65	49292	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.07	84	167122	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.09	67	51448	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.34	98	149935	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
45) trans-1,3-Dichloropropene-	7.65	79	17880	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
48) 2-Hexanone-d5	8.12	63	84067	47.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.96%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34955	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
65) 1,2-Dichlorobenzene-d4	11.65	152	55417	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	1859	0.245	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	584	0.071	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	624	0.079	ug/L #	1
13) Acetone	2.24	43	8624	5.877	ug/L #	51
15) Methyl Acetate	2.54	43	202063	59.587	ug/L #	51
16) Methylene chloride	2.53	84	2540	0.268	ug/L #	7
19) 1,1-Dichloroethane	3.05	63	1675	0.099	ug/L #	1
21) 2-Butanone	4.13	43	25925	11.600	ug/L #	55
25) Chloroform	4.40	83	5753	0.310	ug/L	89
30) Cyclohexane	4.70	56	31451	2.034	ug/L	96
35) Methylcyclohexane	6.09	83	12853	0.846	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6606	0.739	ug/L #	87
42) Toluene	7.42	91	4770	0.128	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	278	0.008	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.95	105	865	0.025	ug/L #	100
46) trans-1,3-Dichloropropene	7.64	75	823	0.077	ug/L #	82
50) 2-Hexanone	8.17	43	5398	1.369	ug/L #	89

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

Quantitation Report (Not Reviewed)

Data File : VV015948.D
Acq On : 07 May 2020 19:04
Operator : SY/MD
Sample : L2517-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG8

Quant Time: May 08 05:17:04 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)
55) m,p-xylene	9.16	106	1817	0.116	ug/L	88
70) Naphthalene	13.53	128	9629	0.554	ug/L	99

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

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

Quantitation Report (Not Reviewed)

Data File : VV015948.D
Acq On : 07 May 2020 19:04
Operator : SY/MD
Sample : L2517-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
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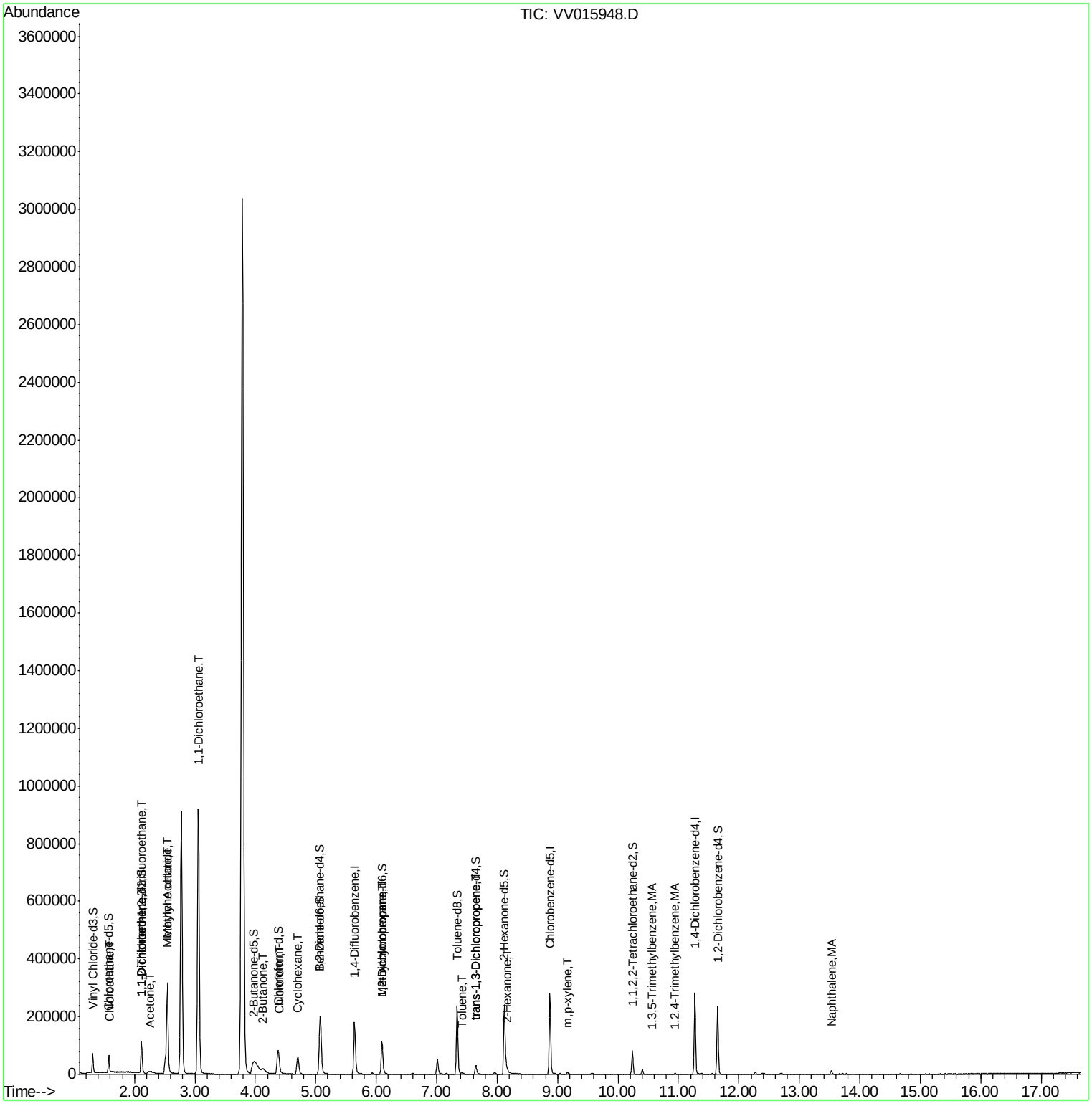
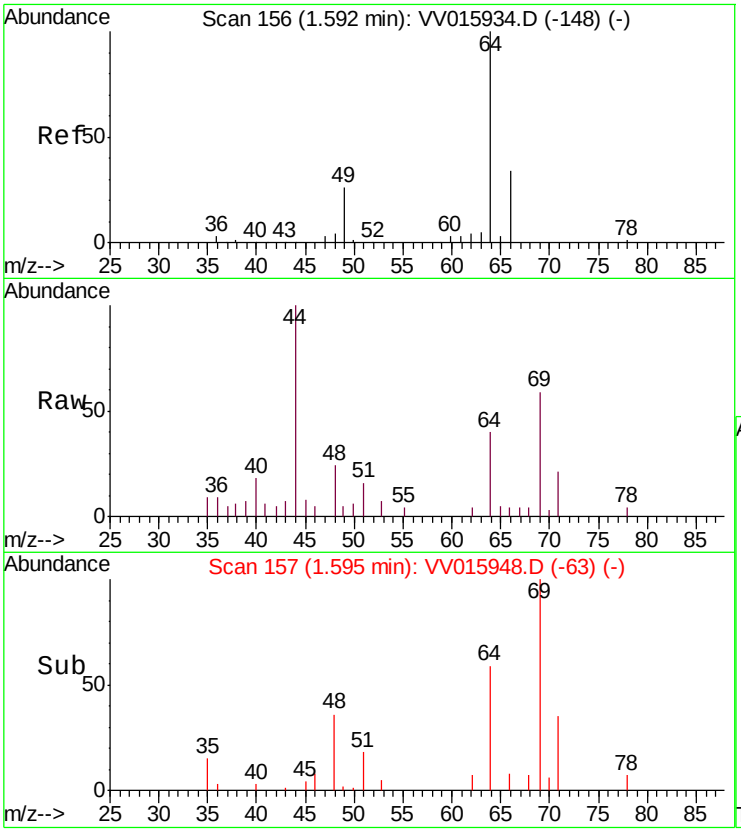
Quant Time: May 08 05:17:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration



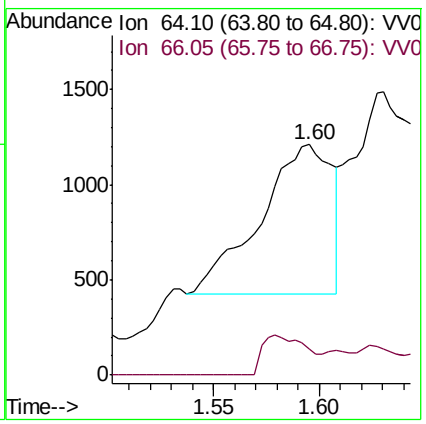


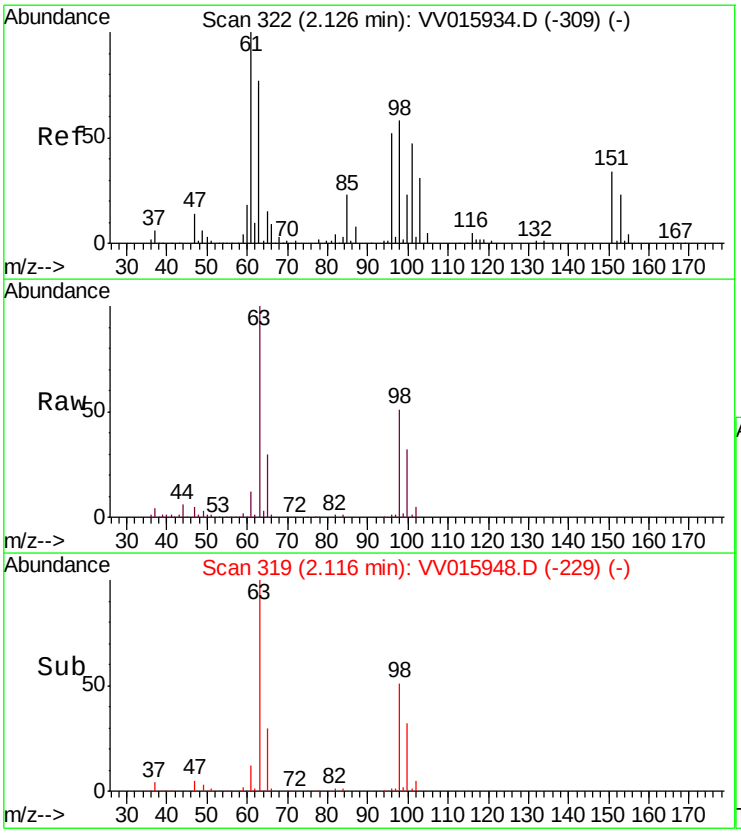
#8
Chloroethane
Concen: 0.245 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion: 64 Resp: 1859

Ion	Ratio	Lower	Upper
64	100		
66	11.2	23.6	43.8#

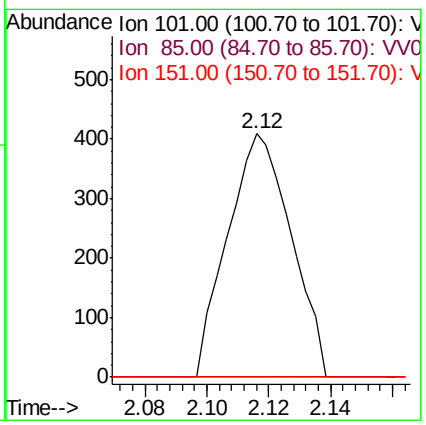


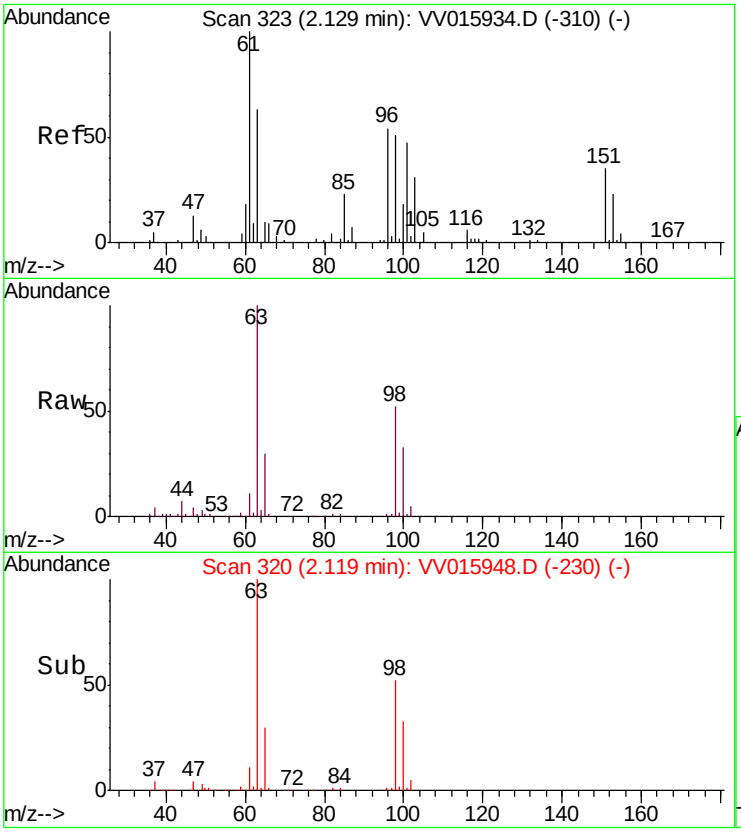


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion:101 Resp: 584

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.7	53.5#
151	0.0	58.0	87.0#



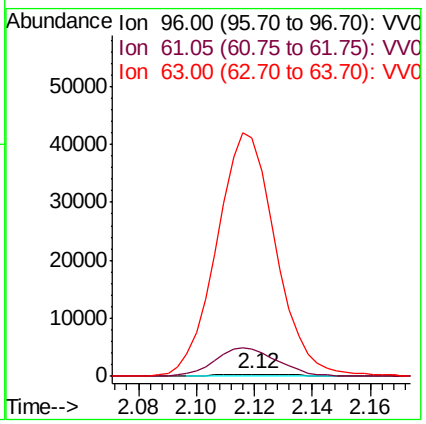


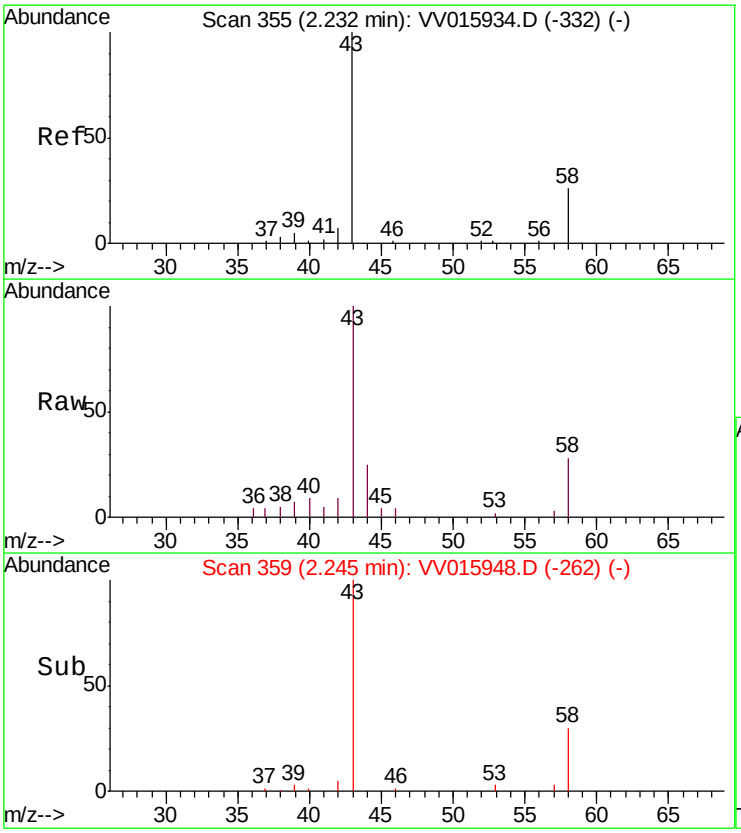
#12
1,1-Dichloroethene
Concen: 0.079 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument : MSVOA_V
ClientSampleId : C0AG8

Tgt Ion: 96 Resp: 624

Ion	Ratio	Lower	Upper
96	100		
61	1465.6	139.9	259.7#
63	12822.5	106.4	197.6#

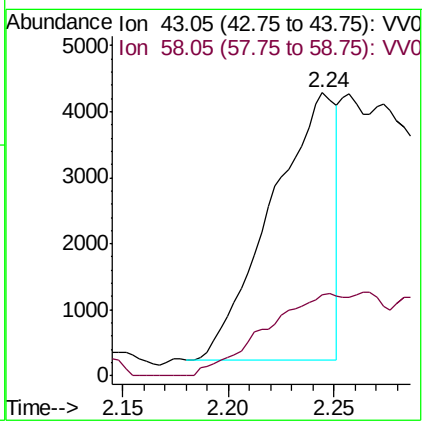


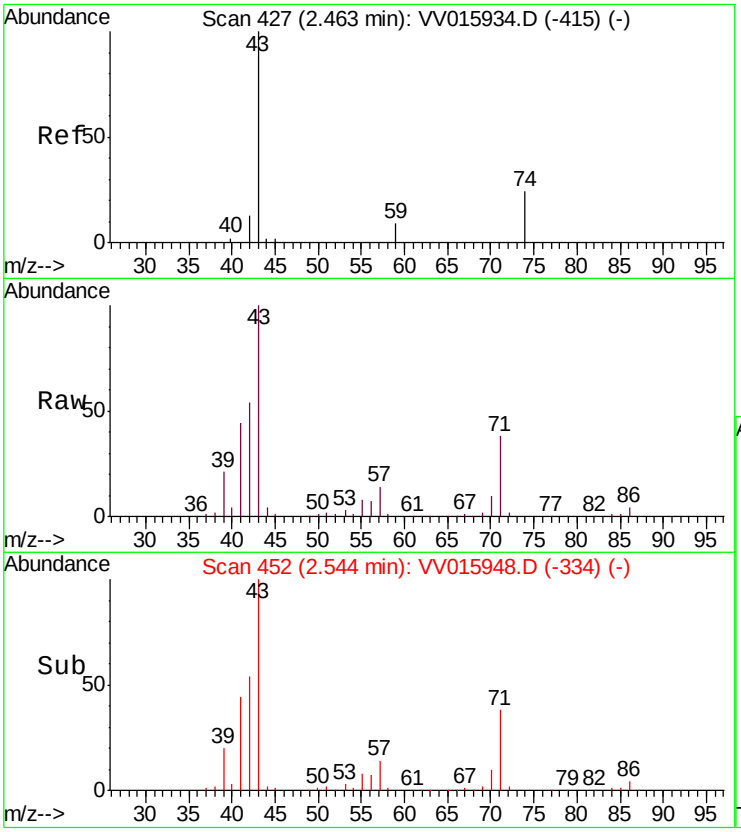


#13
Acetone
Concen: 5.877 ug/L
RT: 2.24 min Scan# 359
Delta R.T. 0.01 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion: 43 Resp: 8624

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	30.8#



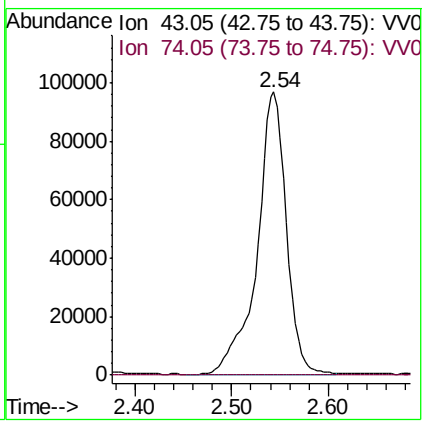


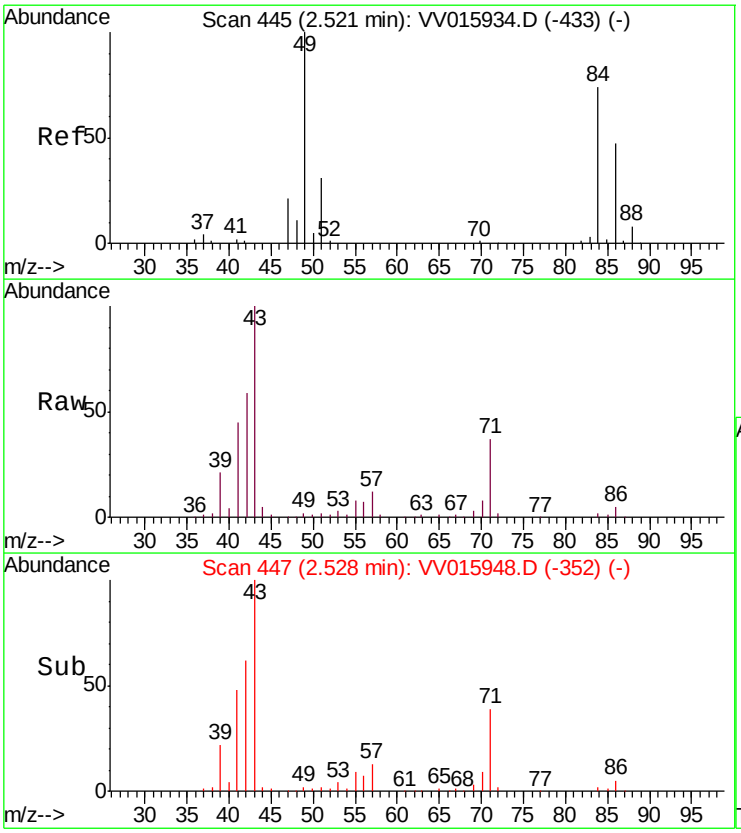
#15
Methyl Acetate
Concen: 59.587 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.08 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion: 43 Resp: 202063

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#

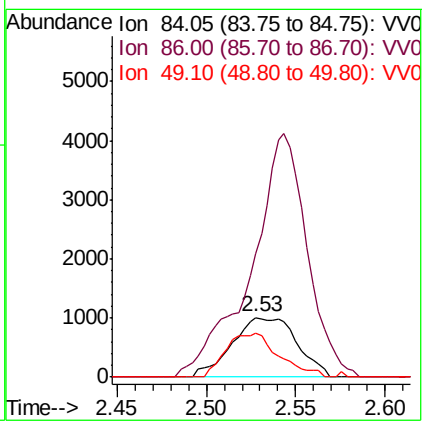


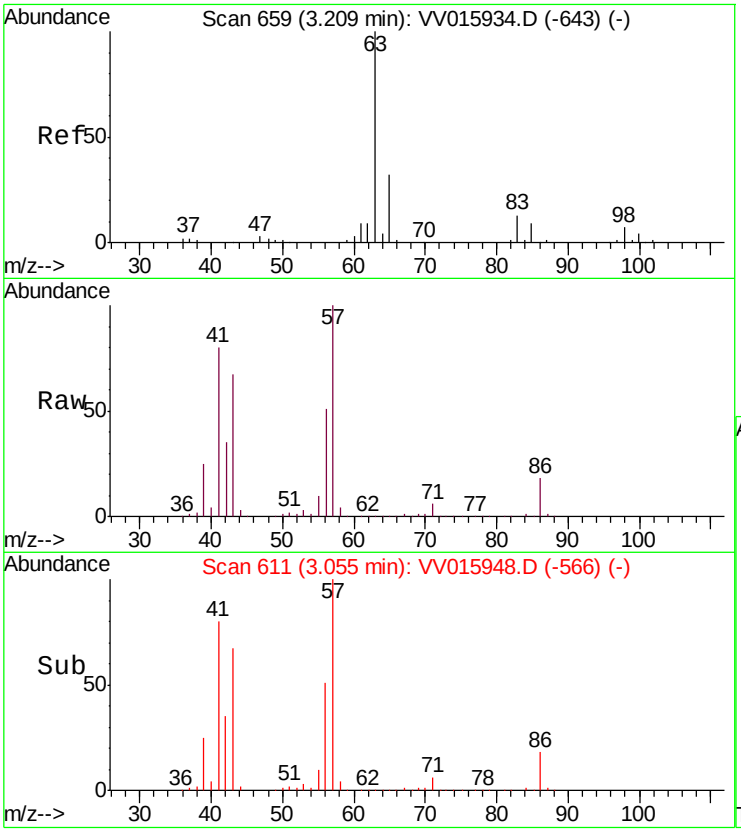


#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion: 84 Resp: 2540

Ion	Ratio	Lower	Upper
84	100		
86	207.2	45.6	84.8#
49	73.5	93.6	173.8#



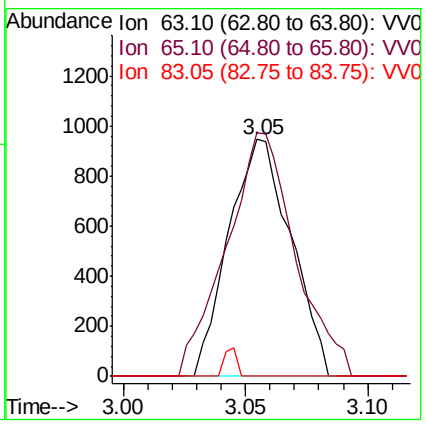


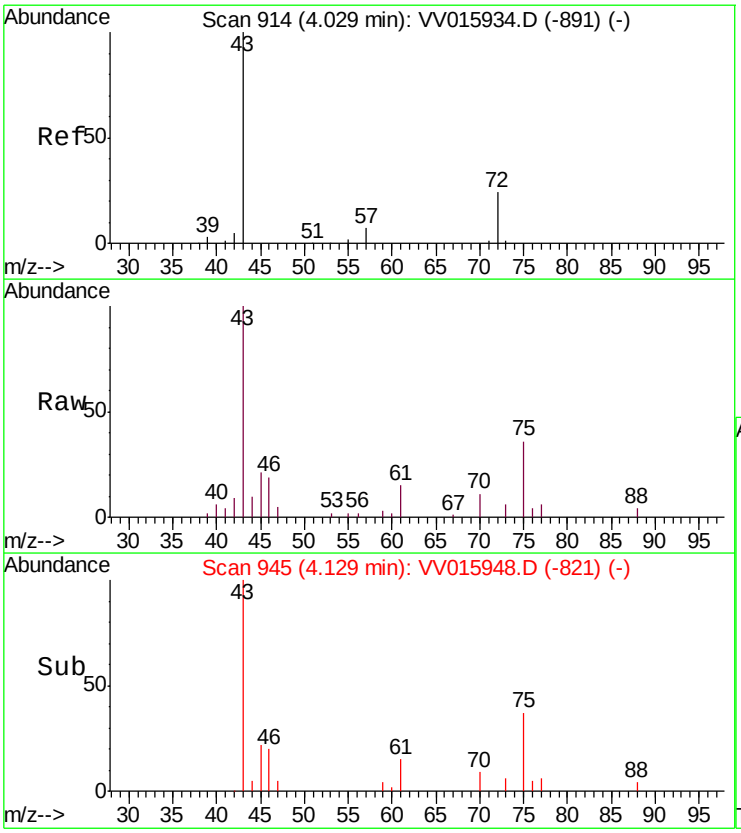
#19
1,1-Dichloroethane
Concen: 0.099 ug/L
RT: 3.05 min Scan# 611
Delta R.T. -0.15 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument : MSVOA_V
ClientSampleId : C0AG8

Tgt Ion: 63 Resp: 1675

Ion	Ratio	Lower	Upper
63	100		
65	102.7	22.0	41.0#
83	0.0	9.8	18.2#

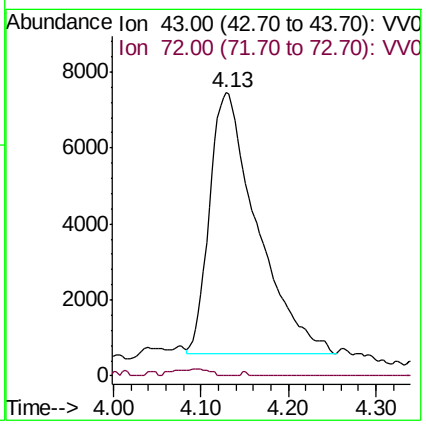


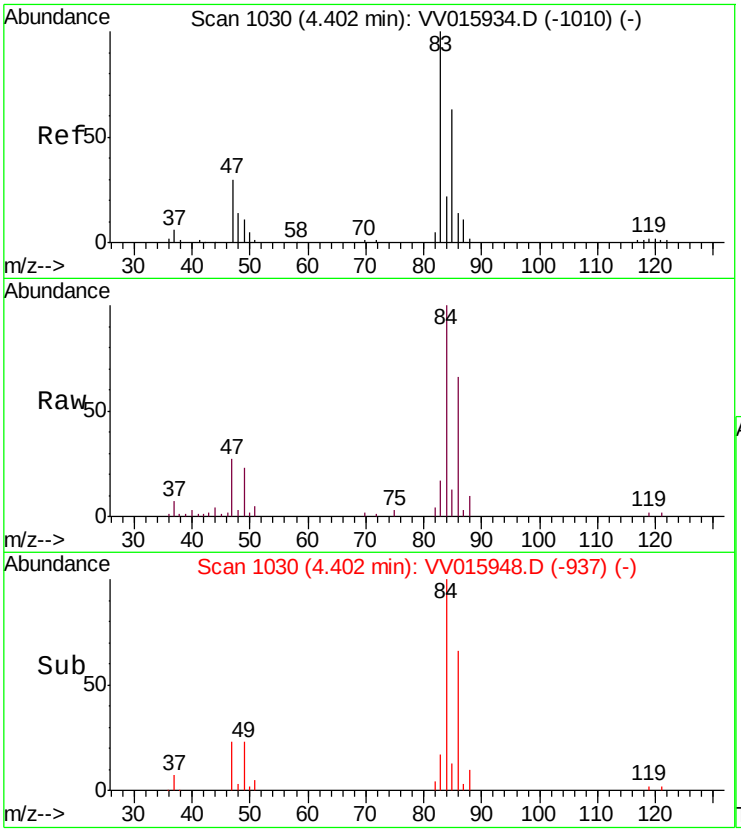


#21
2-Butanone
Concen: 11.600 ug/L
RT: 4.13 min Scan# 945
Delta R.T. 0.10 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion: 43 Resp: 25925

Ion	Ratio	Lower	Upper
43	100		
72	0.2	10.5	31.5#



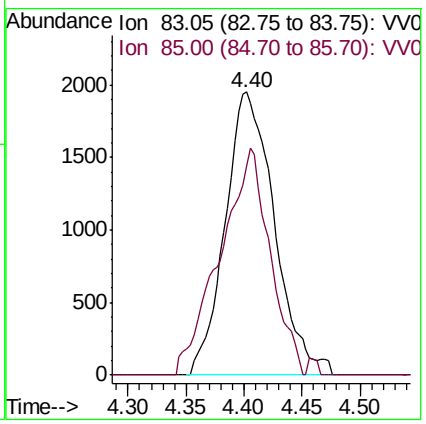


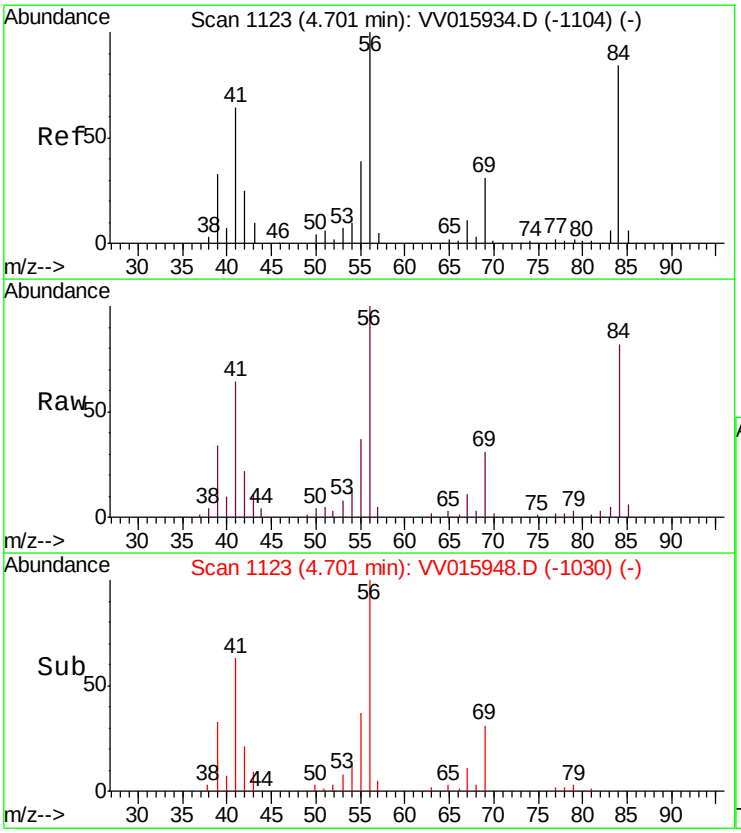
#25
Chloroform
Concen: 0.310 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion: 83 Resp: 5753

Ion	Ratio	Lower	Upper
83	100		
85	73.9	45.7	84.9

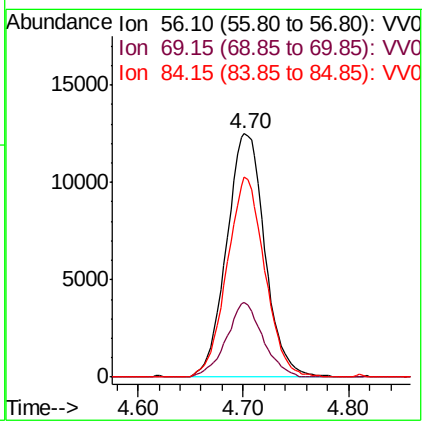


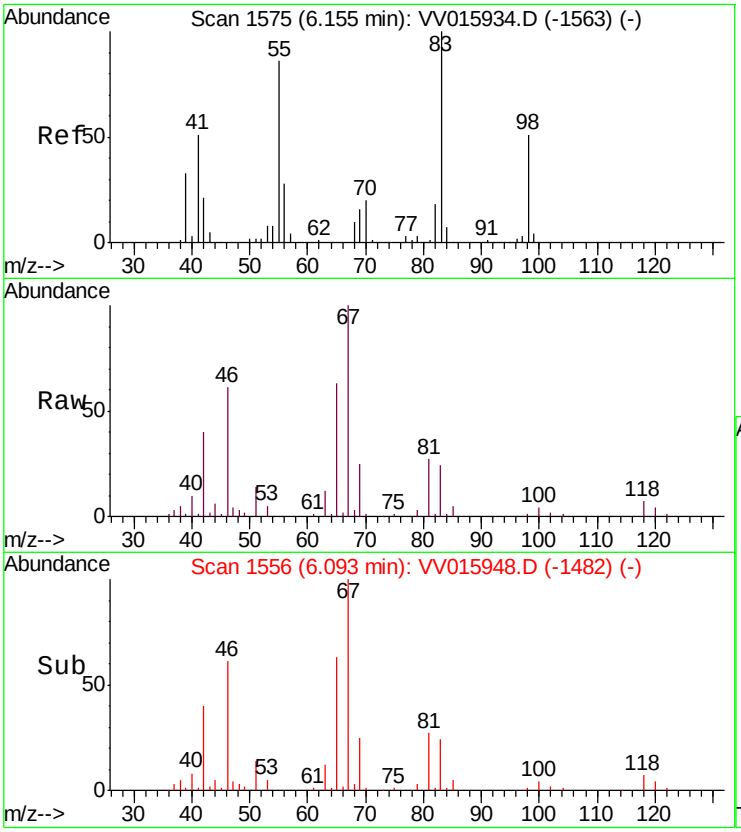


#30
Cyclohexane
Concen: 2.034 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion: 56 Resp: 31451

Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.2	36.2
84	81.1	68.3	102.5



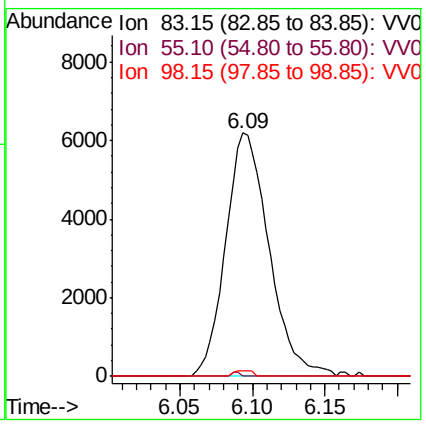


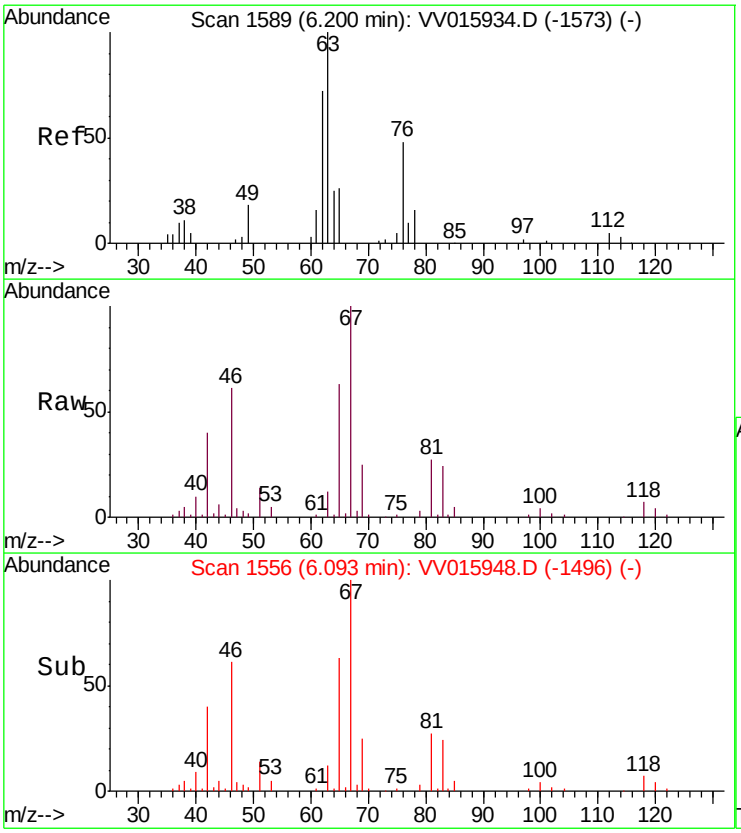
#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument : MSVOA_V
ClientSampleId : C0AG8

Tgt Ion: 83 Resp: 12853

Ion	Ratio	Lower	Upper
83	100		
55	0.4	66.2	99.2#
98	1.0	37.9	56.9#

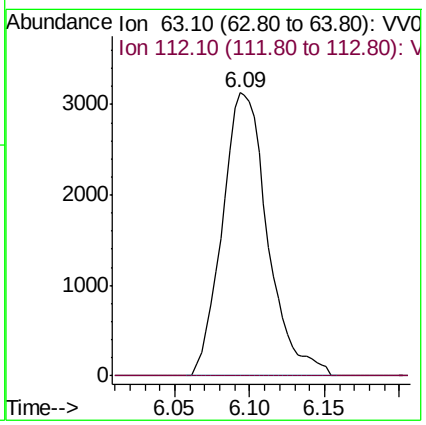


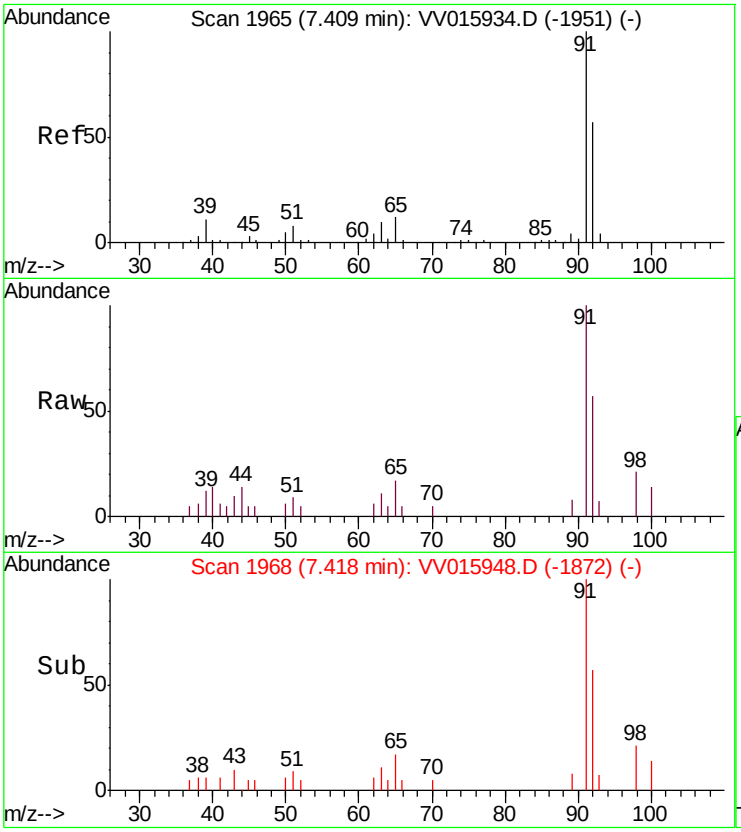


#37
1,2-Dichloropropane
Concen: 0.739 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion: 63 Resp: 6606

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



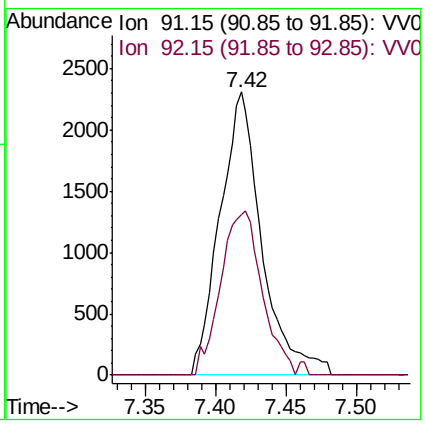


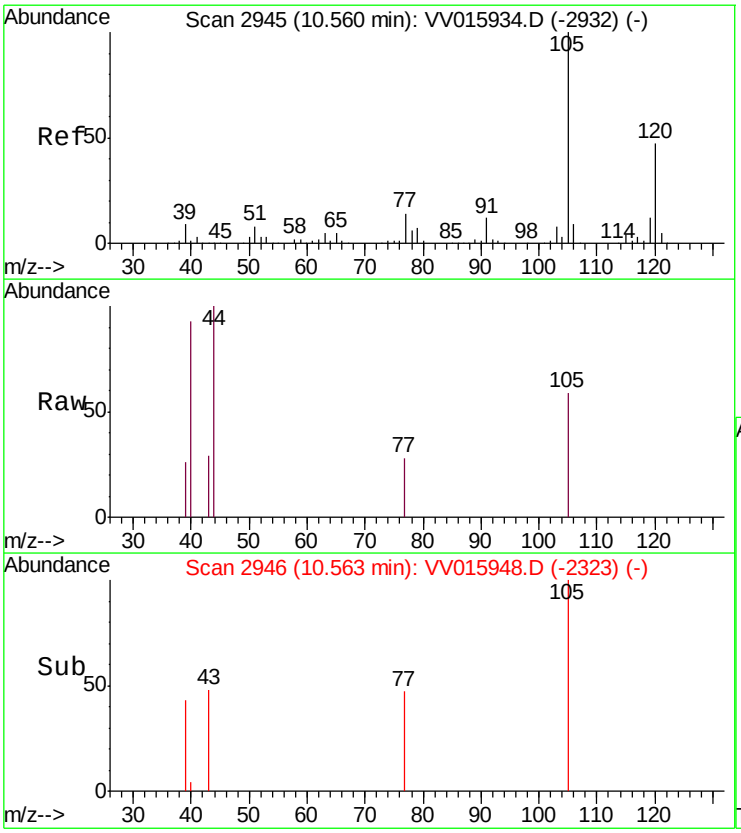
#42
Toluene
Concen: 0.128 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument : MSVOA_V
ClientSampleId : C0AG8

Tgt Ion: 91 Resp: 4770

Ion	Ratio	Lower	Upper
91	100		
92	56.9	40.1	74.5

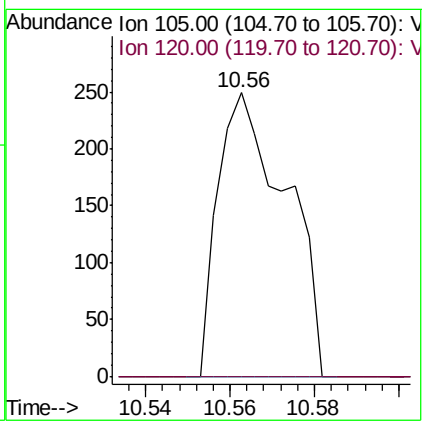


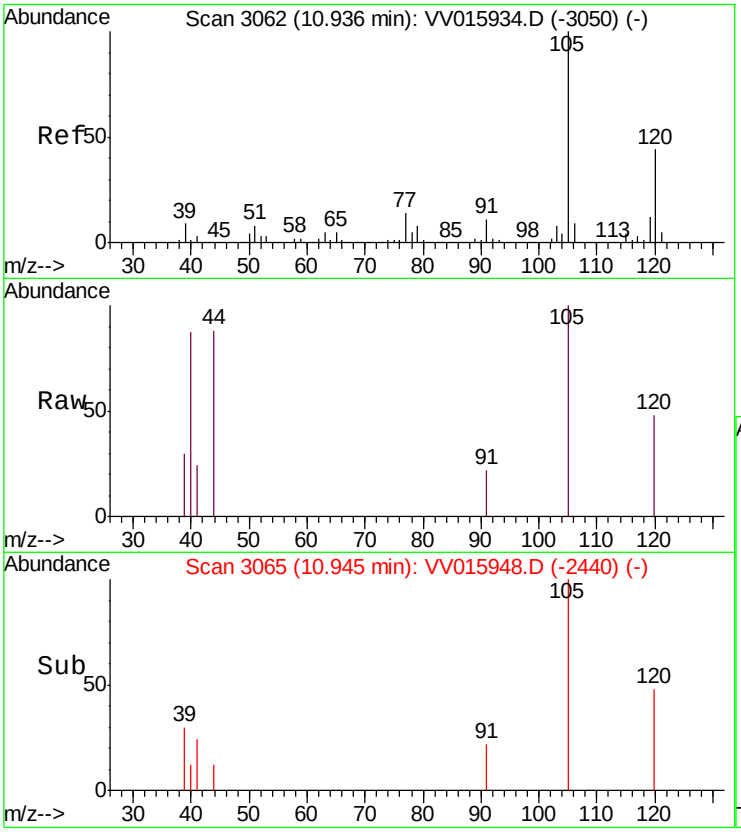


#43
1,3,5-Trimethylbenzene
Concen: 0.008 ug/L
RT: 10.56 min Scan# 2946
Delta R.T. 0.00 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion:105 Resp: 278

Ion	Ratio	Lower	Upper
105	100		
120	0.0	0.0	0.0



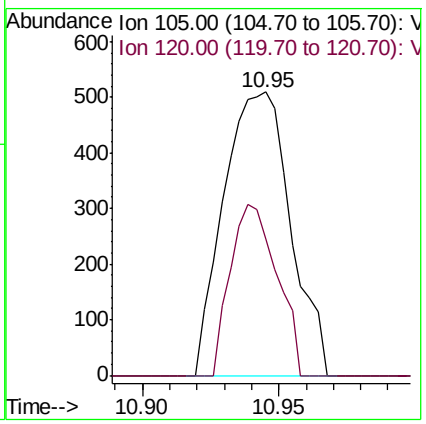


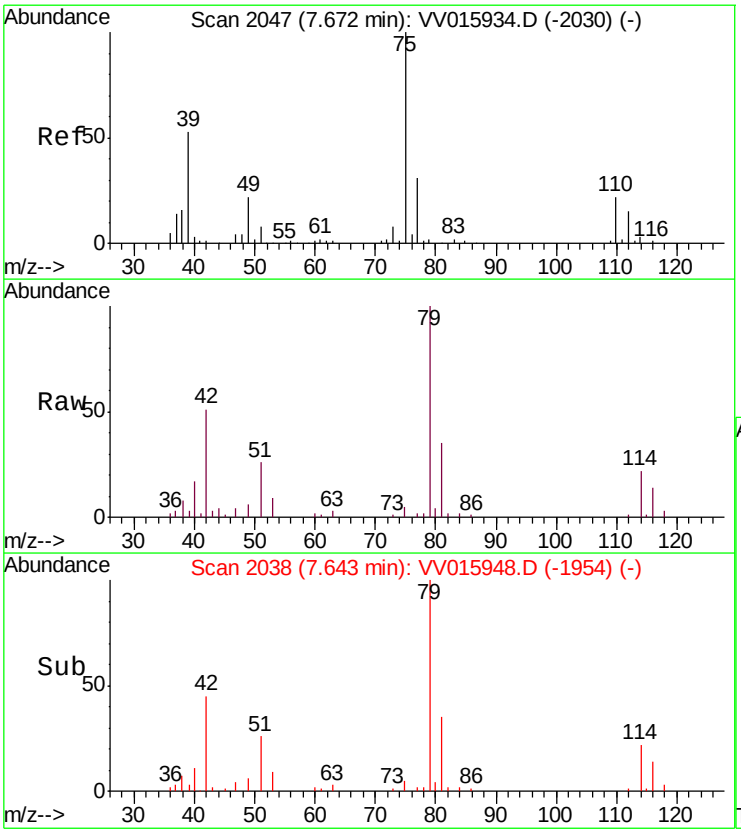
#44
1,2,4-Trimethylbenzene
Concen: 0.025 ug/L
RT: 10.95 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion:105 Resp: 865

Ion	Ratio	Lower	Upper
105	100		
120	42.2	0.0	0.0#

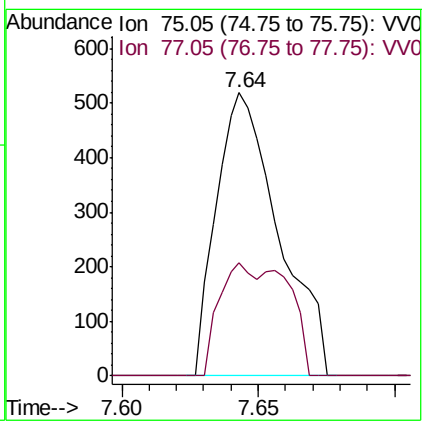


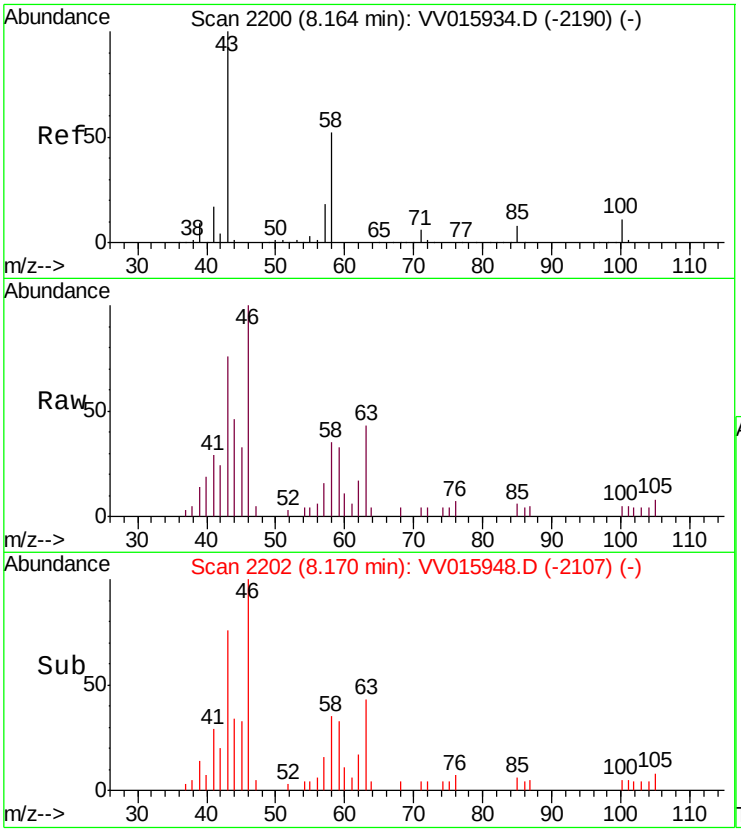


#46
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion: 75 Resp: 823

Ion	Ratio	Lower	Upper
75	100		
77	40.1	21.3	39.6#



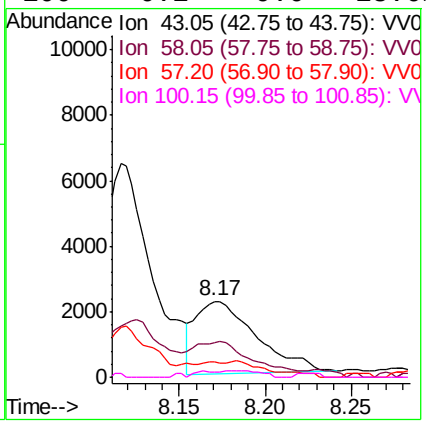


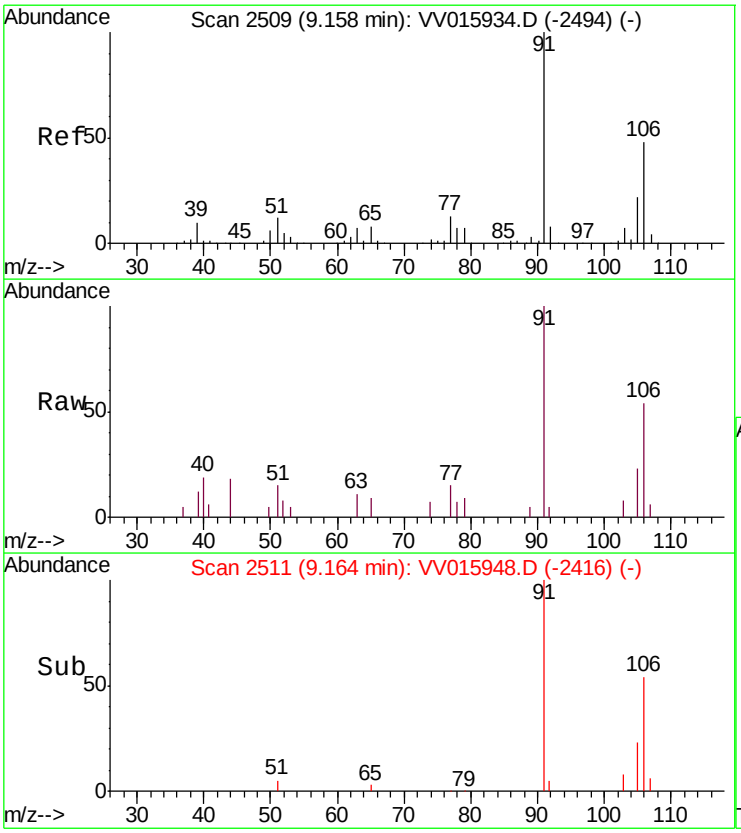
#50
2-Hexanone
Concen: 1.369 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument : MSVOA_V
ClientSampleId : C0AG8

Tgt Ion: 43 Resp: 5398

Ion	Ratio	Lower	Upper
43	100		
58	50.9	40.8	61.2
57	0.0	14.7	22.1#
100	6.1	9.0	13.6#

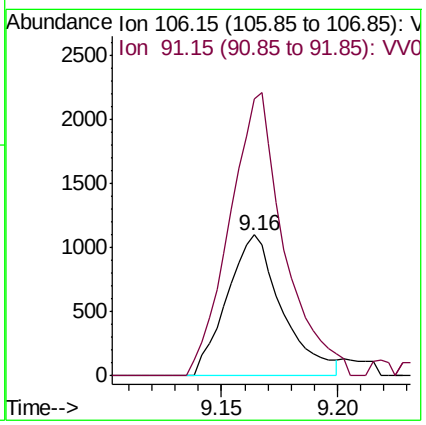


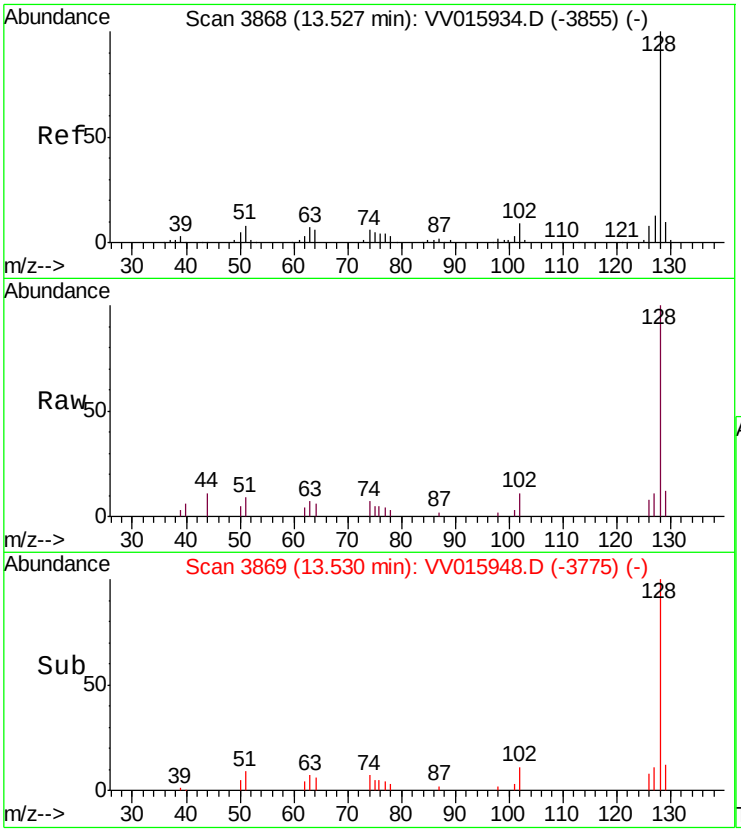


#55
m,p-xylene
Concen: 0.116 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Tgt Ion:106 Resp: 1817

Ion	Ratio	Lower	Upper
106	100		
91	195.8	149.9	278.3





#70
Naphthalene
Concen: 0.554 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV015948.D
Acq: 07 May 2020 19:04

Instrument :
MSVOA_V
ClientSampleId :
C0AG8

Tgt Ion:128 Resp: 9629

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	12.8	10.2	15.2