Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072720\
Data File : VV017678.D
Acq On : 27 Jul 2020 15:06
Operator : SY/MD
Sample : L3459-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 28 04:56:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164027	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80583	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31815	3.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	1.58	69	26826	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.13	63	73337	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.60%			
20) 2-Butanone-d5	3.92	46	80235	41.87	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.74%			
24) Chloroform-d	4.38	84	85311	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.06	65	46666	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.07	84	153204	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
36) 1,2-Dichloropropane-d6	6.10	67	42958	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.34	98	137652	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
45) trans-1,3-Dichloropropene-	7.65	79	19206	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
48) 2-Hexanone-d5	8.11	63	55485	39.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.62%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30495	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	60042	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1471	0.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	758	0.076	ug/L #	21
12) 1,1-Dichloroethene	2.14	96	34764	3.848	ug/L	95
13) Acetone	2.19	43	20084	13.388	ug/L #	57
15) Methyl Acetate	2.19	43	18327	6.278	ug/L #	42
16) Methylene chloride	2.52	84	1763	0.175	ug/L	94
33) Benzene	5.13	78	196487	4.232	ug/L	100
34) Trichloroethene	5.94	95	55716	4.296	ug/L	97
35) Methylcyclohexane	6.09	83	11906	0.607	ug/L #	19
42) Toluene	7.41	91	227068	4.483	ug/L	97
53) Chlorobenzene	8.90	112	164196	4.863	ug/L	100

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

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MSVOA_V
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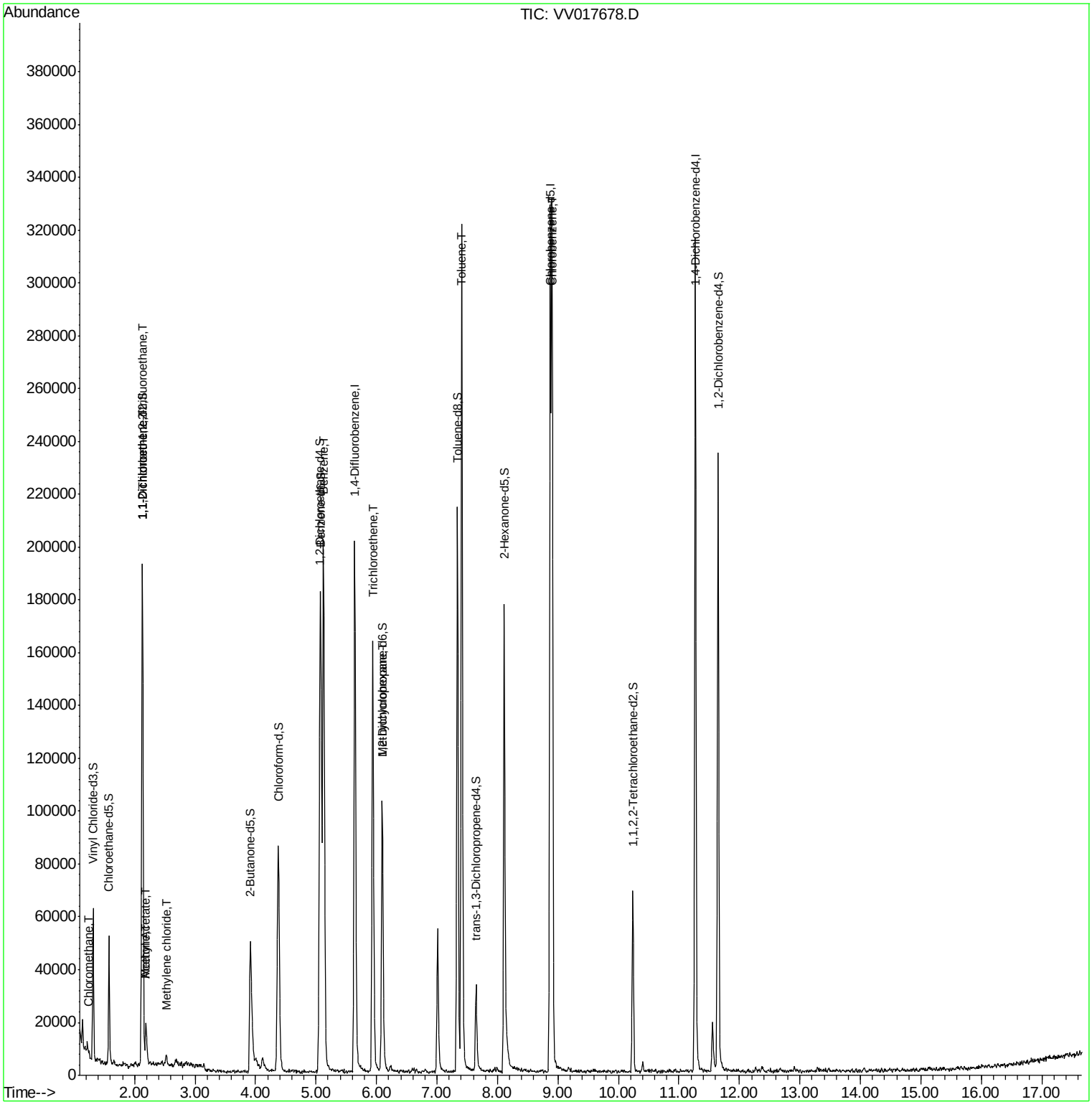
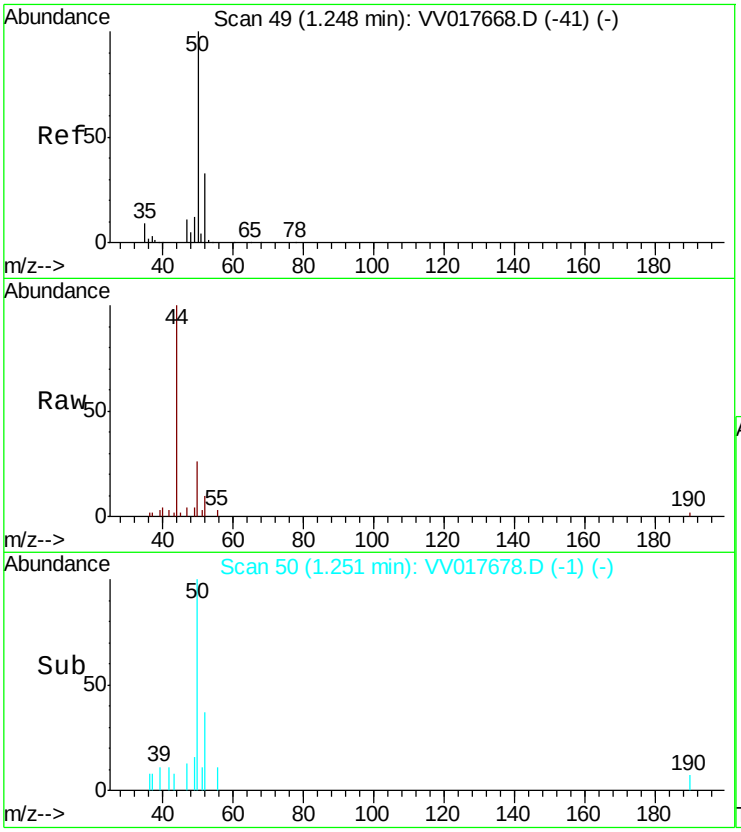
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration



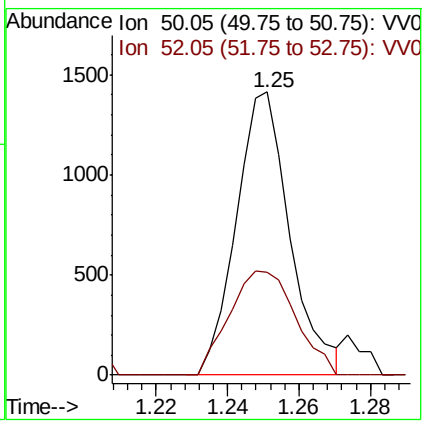


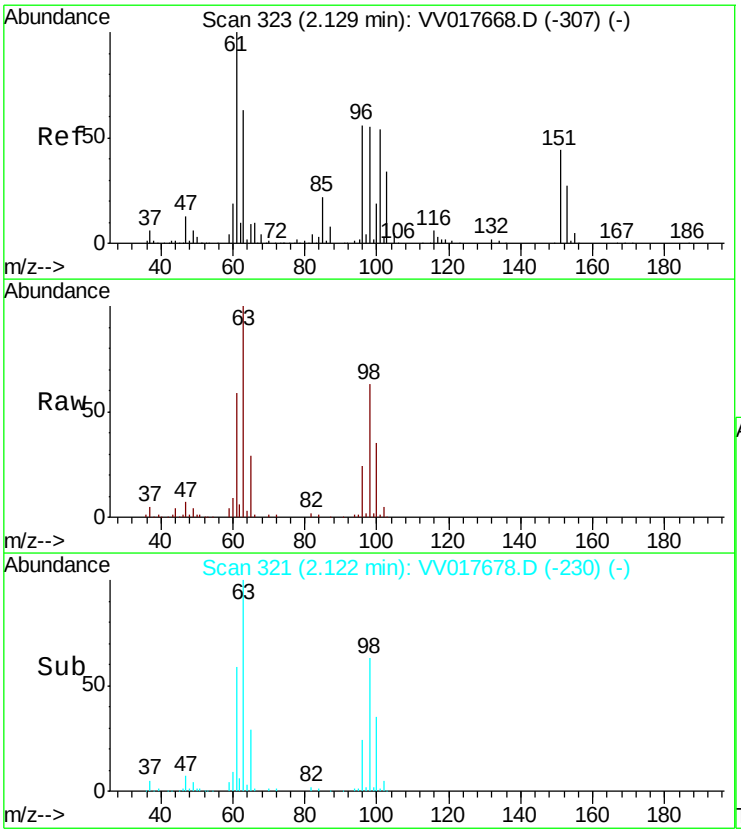
#3
Chloromethane
Concen: 0.123 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1471

Ion	Ratio	Lower	Upper
50	100		
52	36.6	25.1	46.5

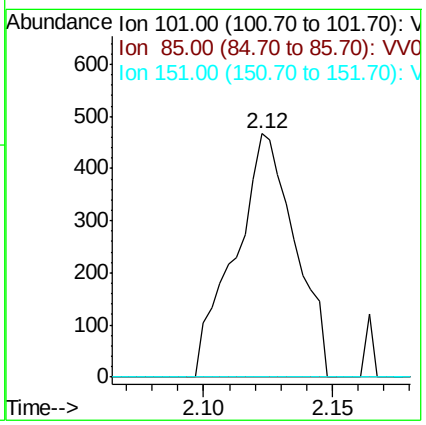


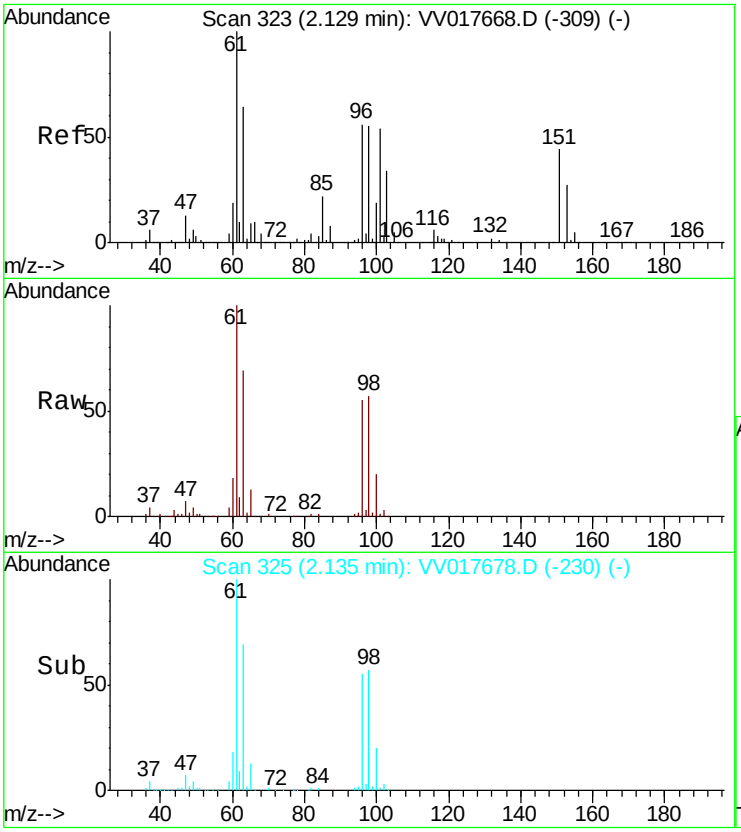


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.076 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Tgt Ion:101 Resp: 758

Ion	Ratio	Lower	Upper
101	100		
85	5.9	34.6	51.8#
151	0.0	63.5	95.3#



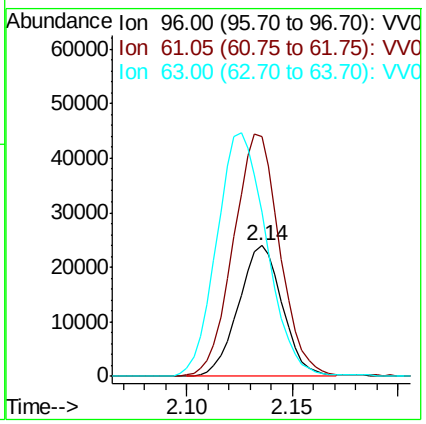


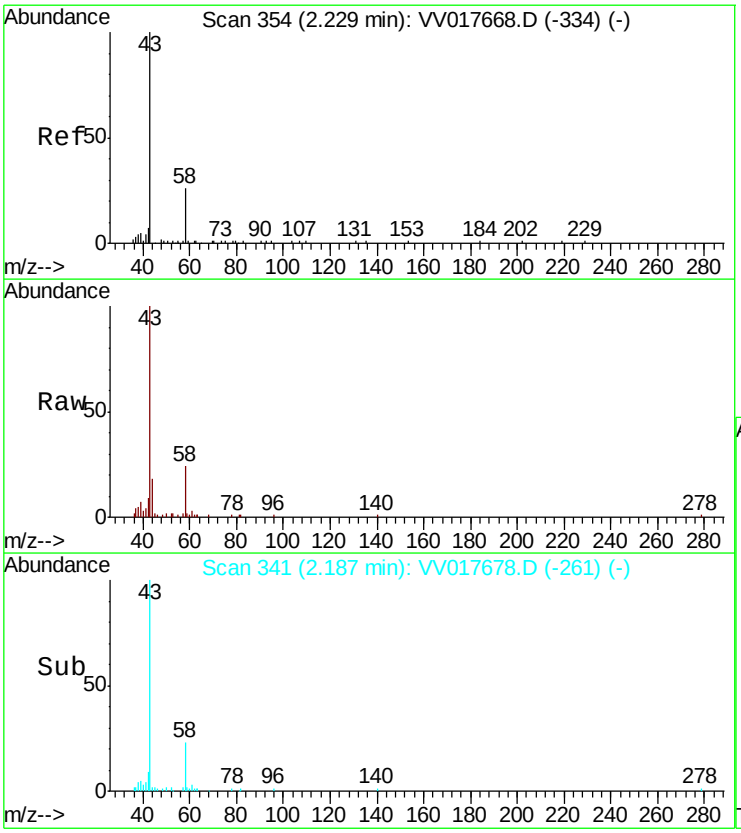
#12
1,1-Dichloroethene
Concen: 3.848 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 34764

Ion	Ratio	Lower	Upper
96	100		
61	183.4	123.1	228.7
63	126.1	91.2	169.4

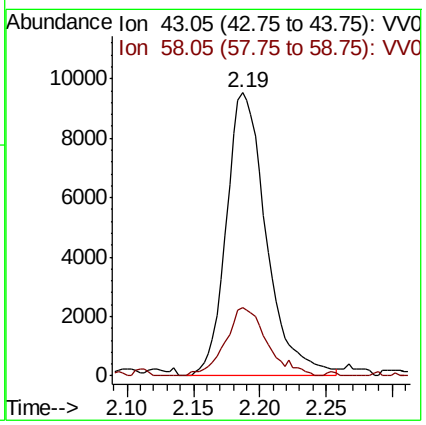


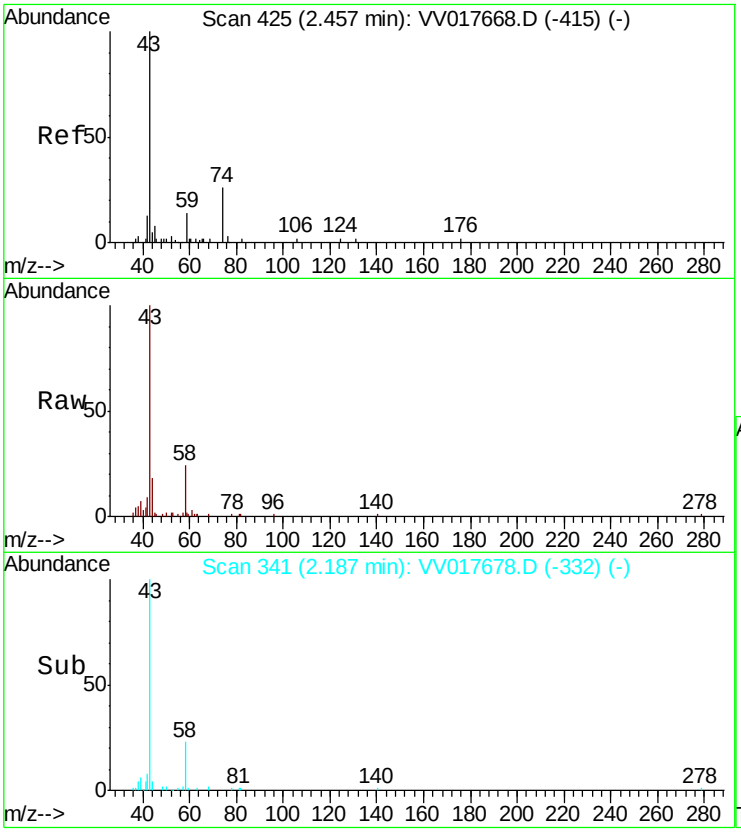


#13
Acetone
Concen: 13.388 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.04 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Tgt Ion: 43 Resp: 20084

Ion	Ratio	Lower	Upper
43	100		
58	25.0	0.0	18.6#



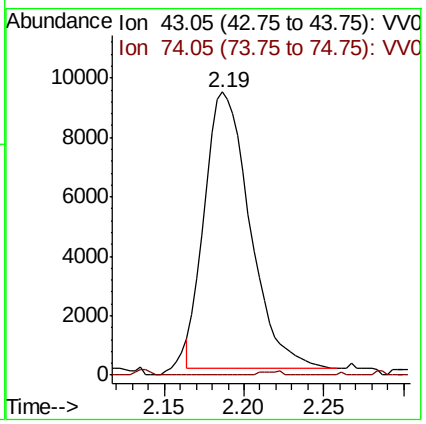


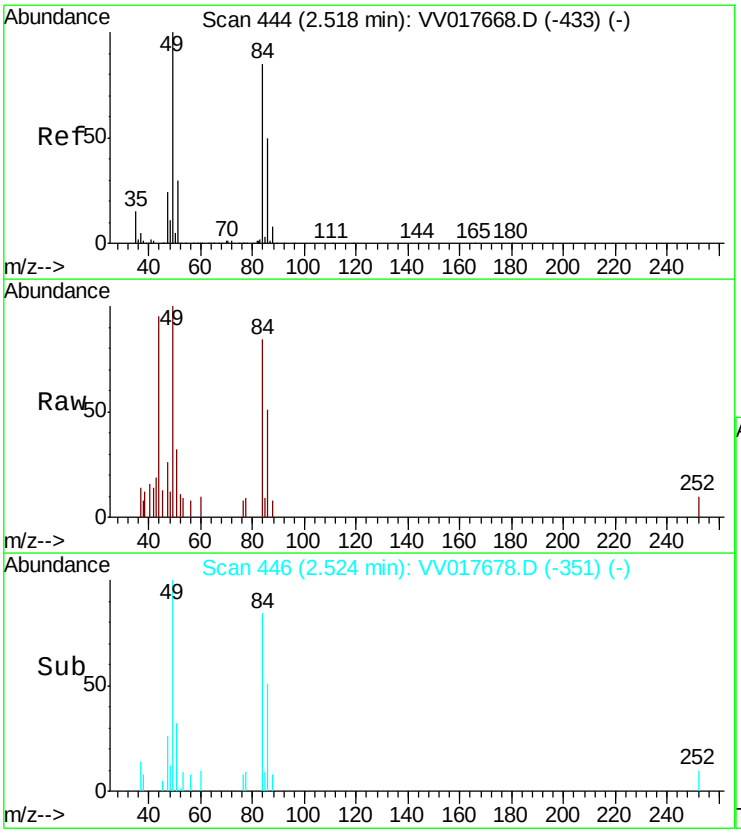
#15
Methyl Acetate
Concen: 6.278 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.27 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 18327

Ion	Ratio	Lower	Upper
43	100		
74	0.6	26.6	40.0#

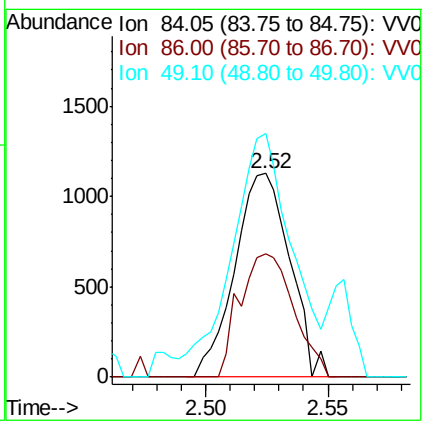


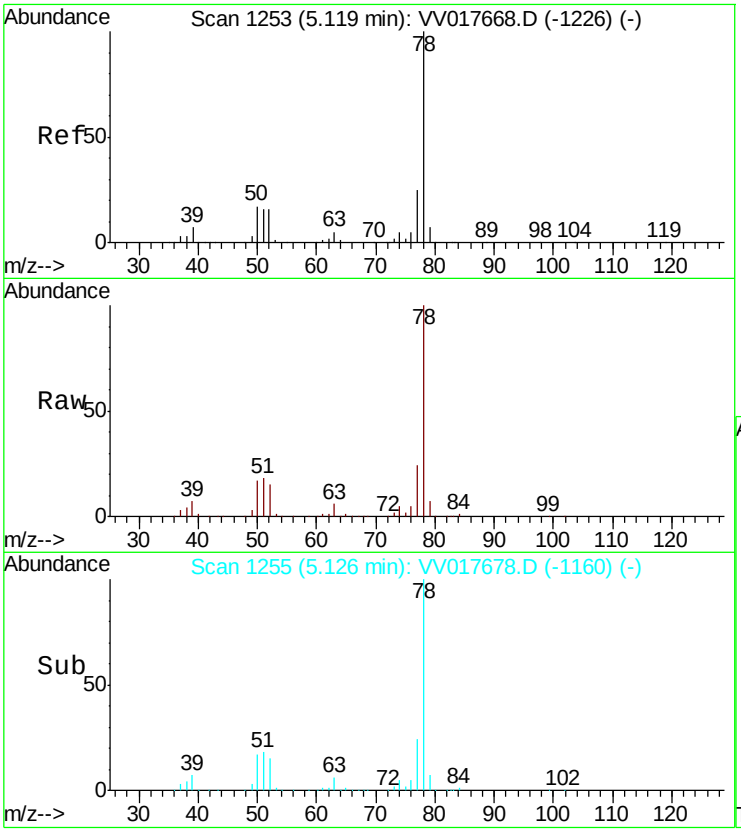


#16
Methylene chloride
Concen: 0.175 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Tgt Ion: 84 Resp: 1763

Ion	Ratio	Lower	Upper
84	100		
86	60.7	46.5	86.3
49	119.7	79.2	147.2

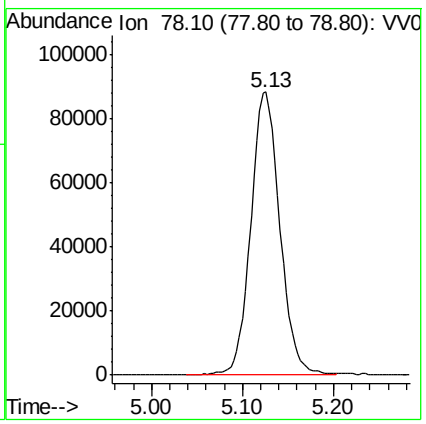


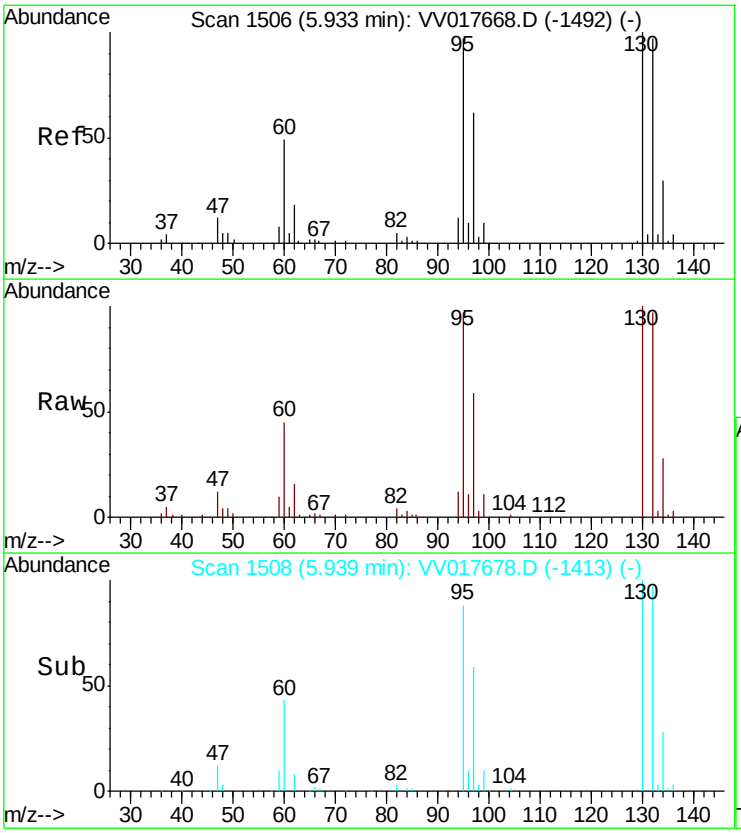


#33
Benzene
Concen: 4.232 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 196487

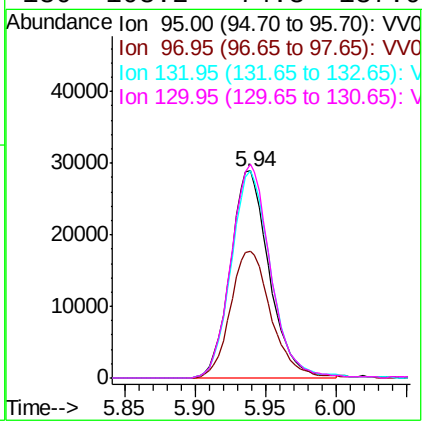


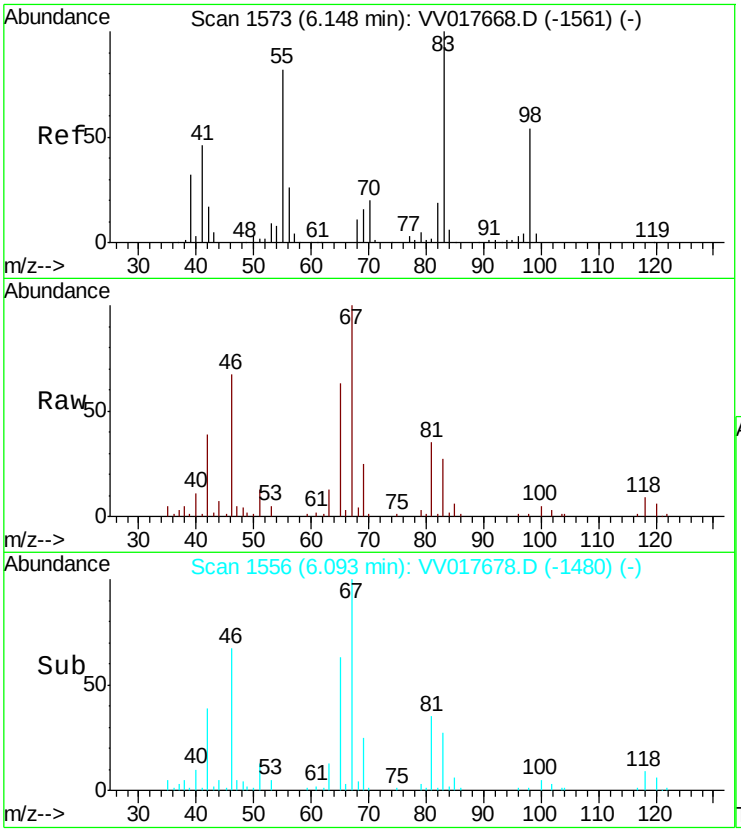


#34
Trichloroethene
Concen: 4.296 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Tgt Ion: 95 Resp: 55716

Ion	Ratio	Lower	Upper
95	100		
97	61.1	46.1	85.5
132	99.9	71.7	133.1
130	103.2	74.3	137.9



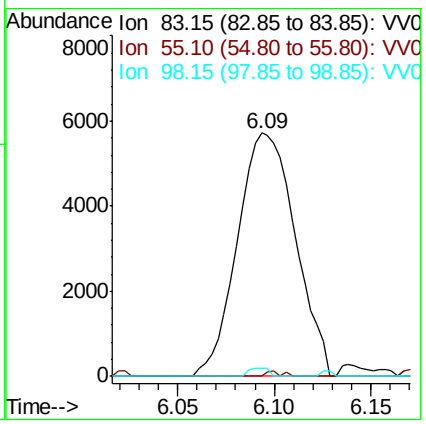


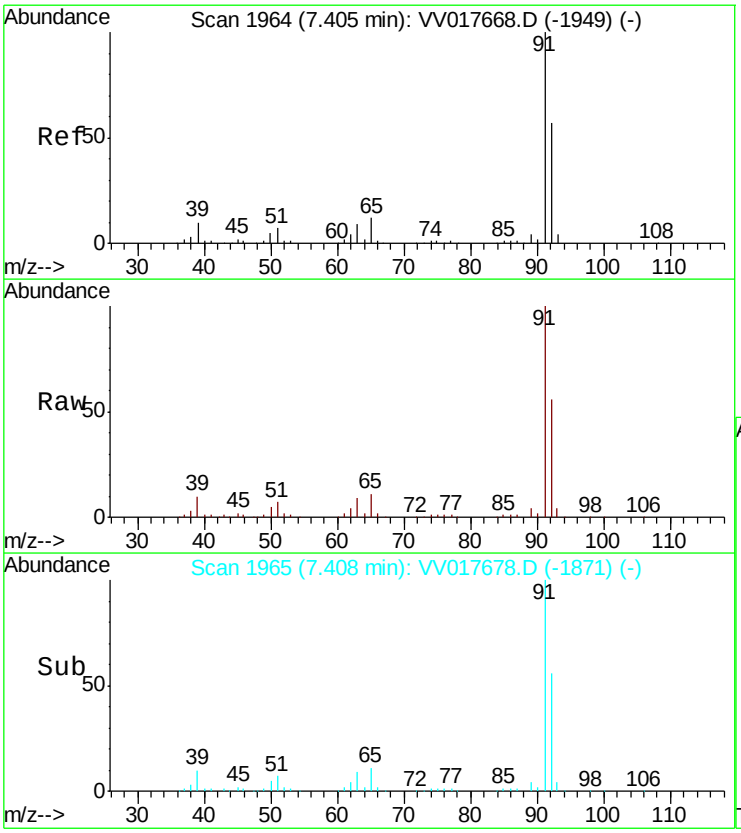
#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 11906

Ion	Ratio	Lower	Upper
83	100		
55	0.5	61.8	92.8#
98	1.2	39.0	58.6#

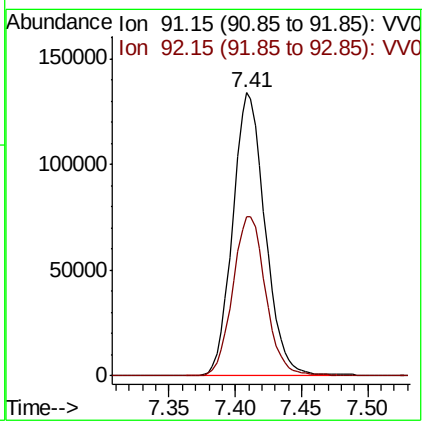


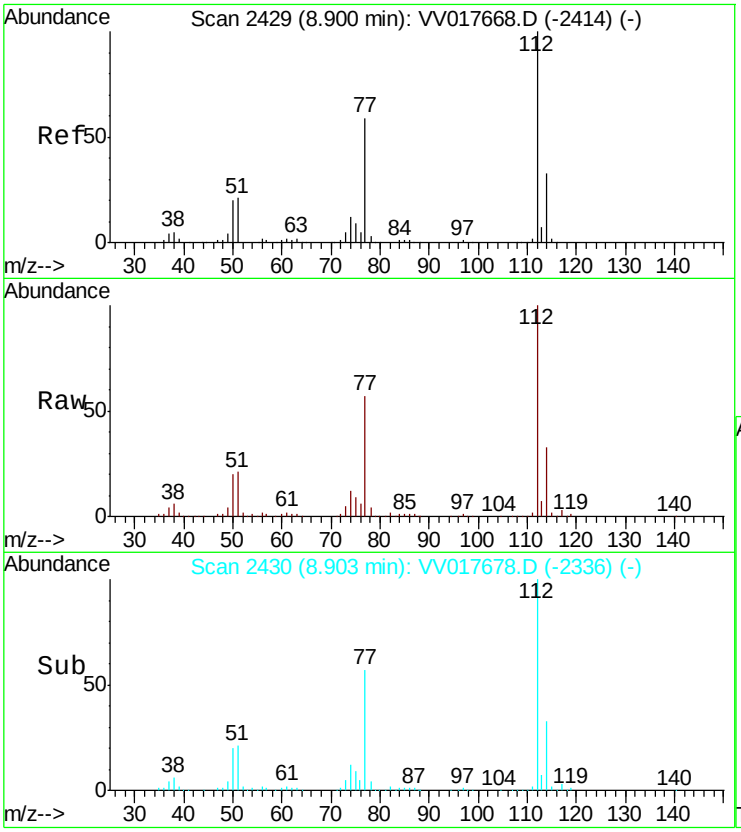


#42
Toluene
Concen: 4.483 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Tgt Ion: 91 Resp: 227068

Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.8	75.8

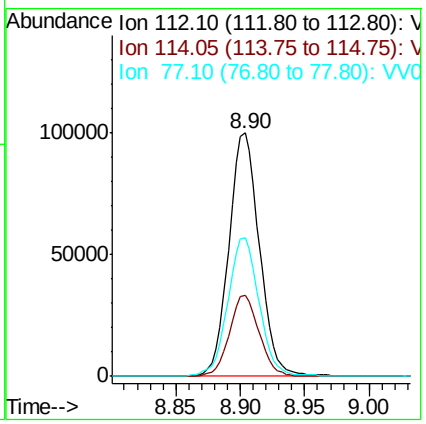




#53
Chlorobenzene
Concen: 4.863 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017678.D
Acq: 27 Jul 2020 15:06

Tgt Ion:112 Resp: 164196

Ion	Ratio	Lower	Upper
112	100		
114	33.4	23.2	43.2
77	56.7	45.6	68.4



Instrument :
MSVOA_V
ClientSampleId :