Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071420\
Data File : VV017483.D
Acq On : 14 Jul 2020 14:52
Operator : SY/MD
Sample : L3281-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAXX7

Quant Time: Jul 15 03:06:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145244	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142470	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69662	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37982	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.58	69	30734	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.12	63	58569	3.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.40%			
20) 2-Butanone-d5	3.96	46	23103	13.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 26.66%#			
24) Chloroform-d	4.38	84	82679	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
26) 1,2-Dichloroethane-d4	5.06	65	46506	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.07	84	146997	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.10	67	41621	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.34	98	136488	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
45) trans-1,3-Dichloropropene-	7.65	79	18730	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
48) 2-Hexanone-d5	8.12	63	52505	39.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.38%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25554	3.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	58441	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.12	96	707	0.081	ug/L #	1
13) Acetone	2.25	43	4374	3.475	ug/L	92
14) Carbon disulfide	2.31	76	1214	0.045	ug/L #	56
21) 2-Butanone	4.14	43	3345	1.719	ug/L	92
35) Methylcyclohexane	6.10	83	11719	0.688	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	5795	0.660	ug/L #	84
42) Toluene	7.41	91	8445	0.202	ug/L	99
46) trans-1,3-Dichloropropene	7.65	75	881	0.071	ug/L #	71
50) 2-Hexanone	8.17	43	7338	2.153	ug/L #	91
55) m,p-xylene	9.17	106	2037	0.112	ug/L	76
66) 1,2-Dichlorobenzene	11.67	146	1453	0.074	ug/L	88
68) 1,3,5-Trichlorobenzene	12.68	180	929	0.053	ug/L #	83
71) 1,2,3-Trichlorobenzene	13.77	180	2396	0.192	ug/L	94

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

Quantitation Report (Not Reviewed)

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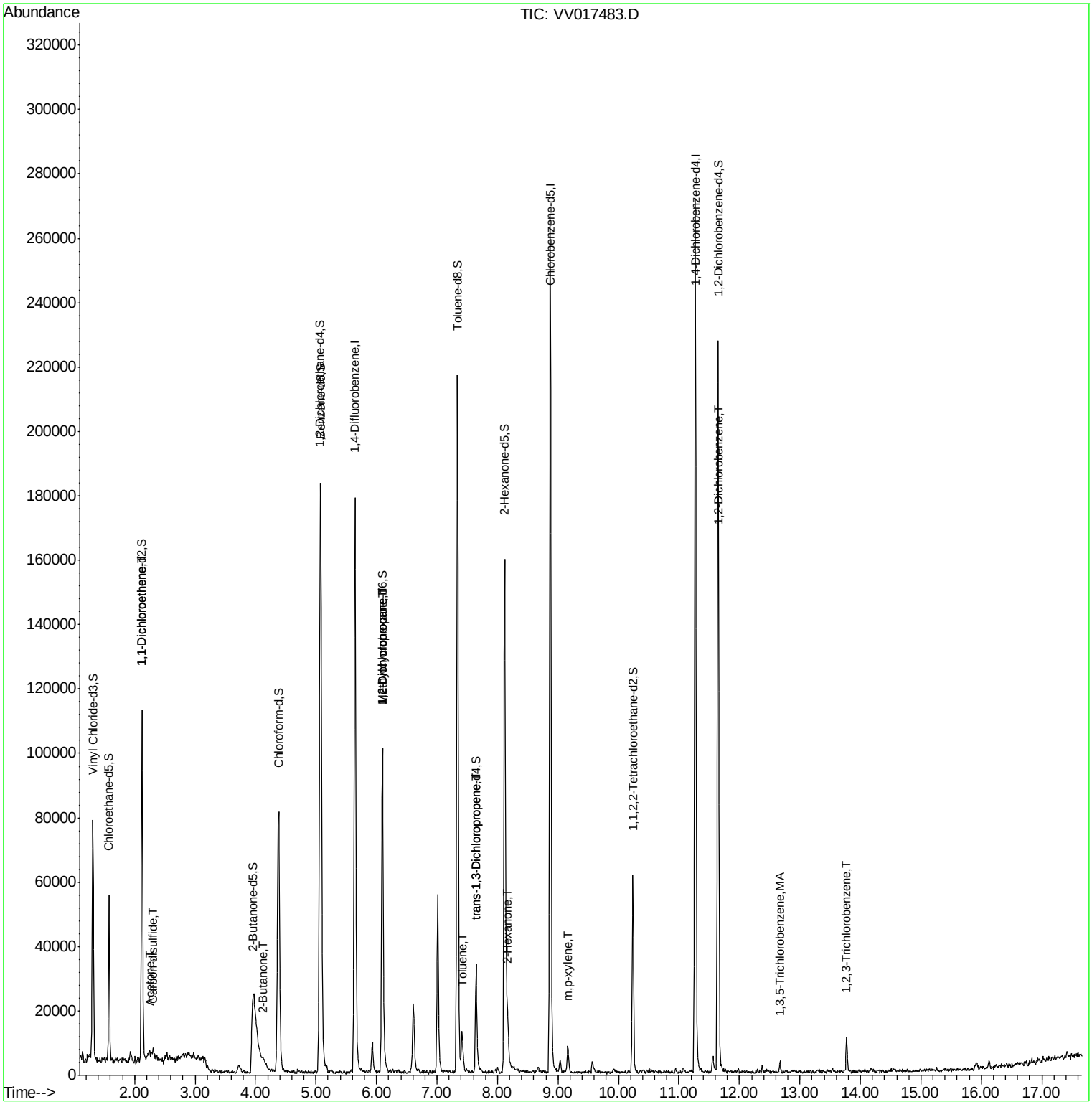
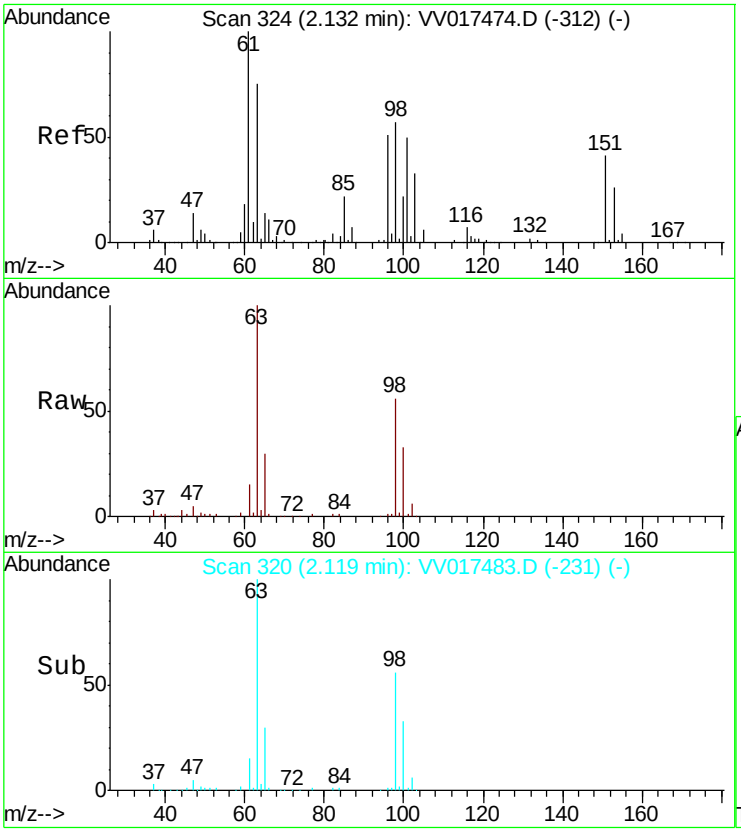
Quant Time: Jul 15 03:06:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 15 02:49:58 2020
Response via : Initial Calibration



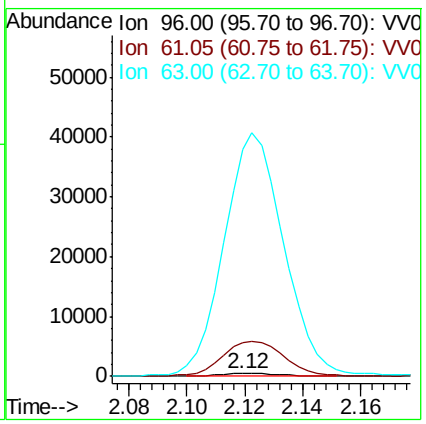


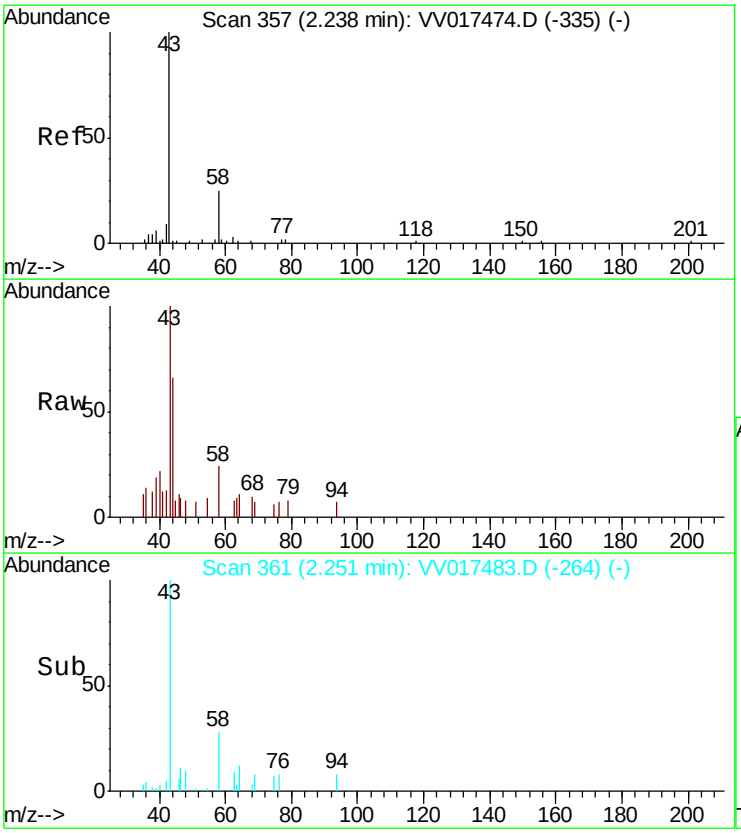
#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Instrument : MSVOA_V
ClientSampleId : GAXX7

Tgt Ion: 96 Resp: 707

Ion	Ratio	Lower	Upper
96	100		
61	1323.8	137.2	254.8#
63	8752.0	103.6	192.4#

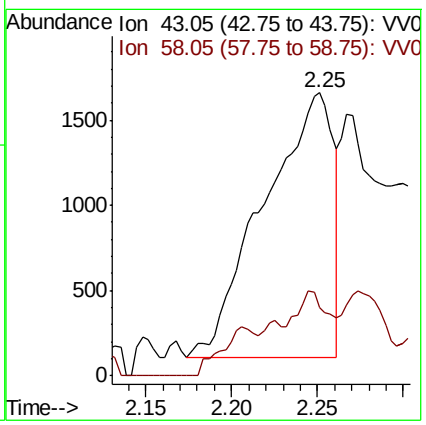


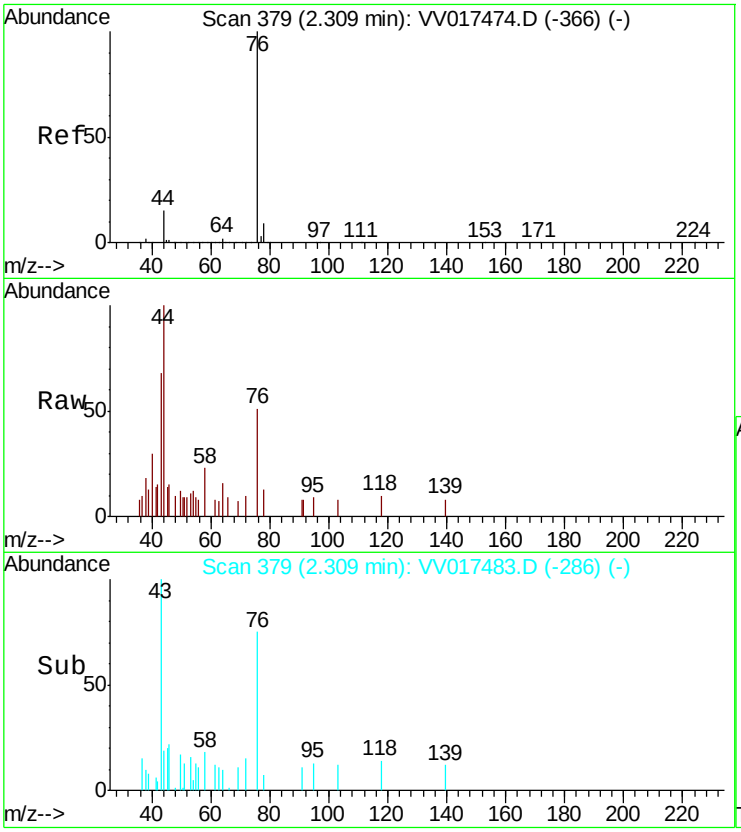


#13
Acetone
Concen: 3.475 ug/L
RT: 2.25 min Scan# 361
Delta R.T. 0.01 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Tgt Ion: 43 Resp: 4374

Ion	Ratio	Lower	Upper
43	100		
58	13.2	0.0	33.6



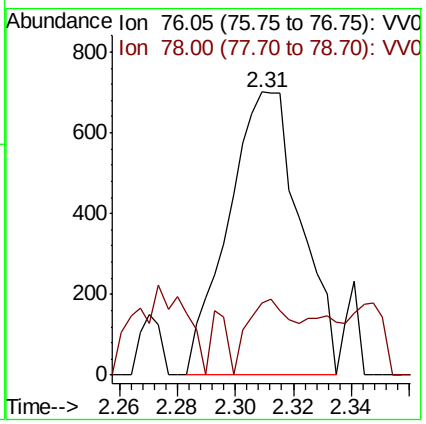


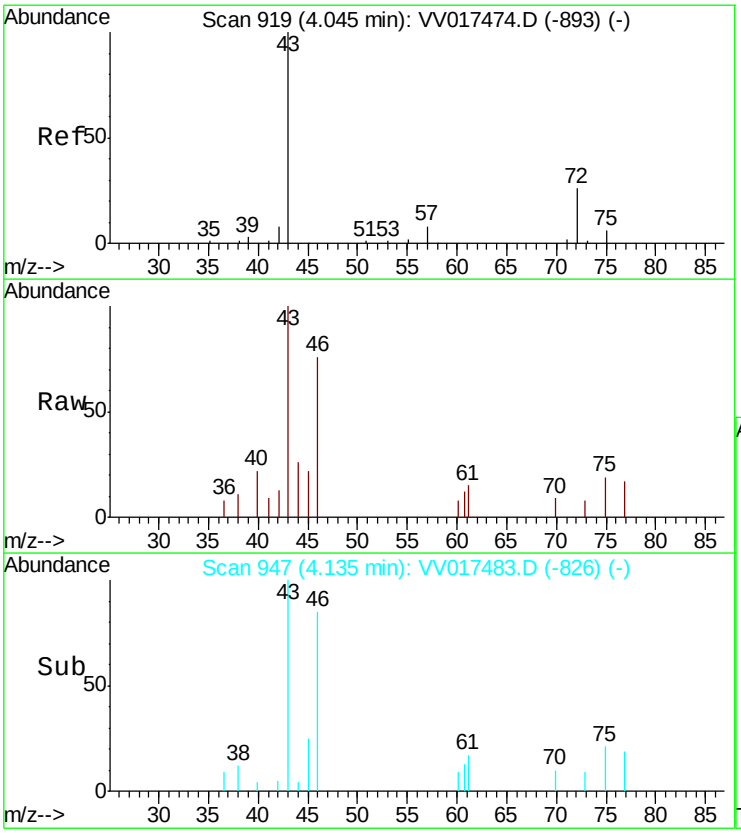
#14
Carbon disulfide
Concen: 0.045 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Instrument : MSVOA_V
ClientSampleId : GAXX7

Tgt Ion: 76 Resp: 1214

Ion	Ratio	Lower	Upper
76	100		
78	25.4	7.5	11.3#

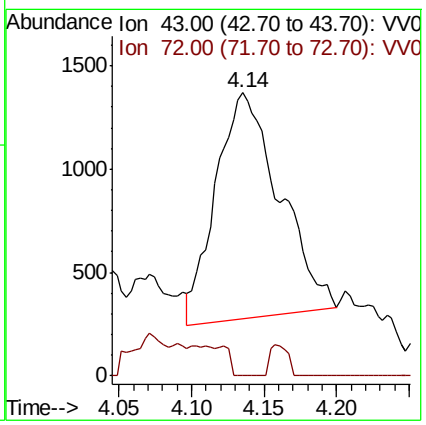


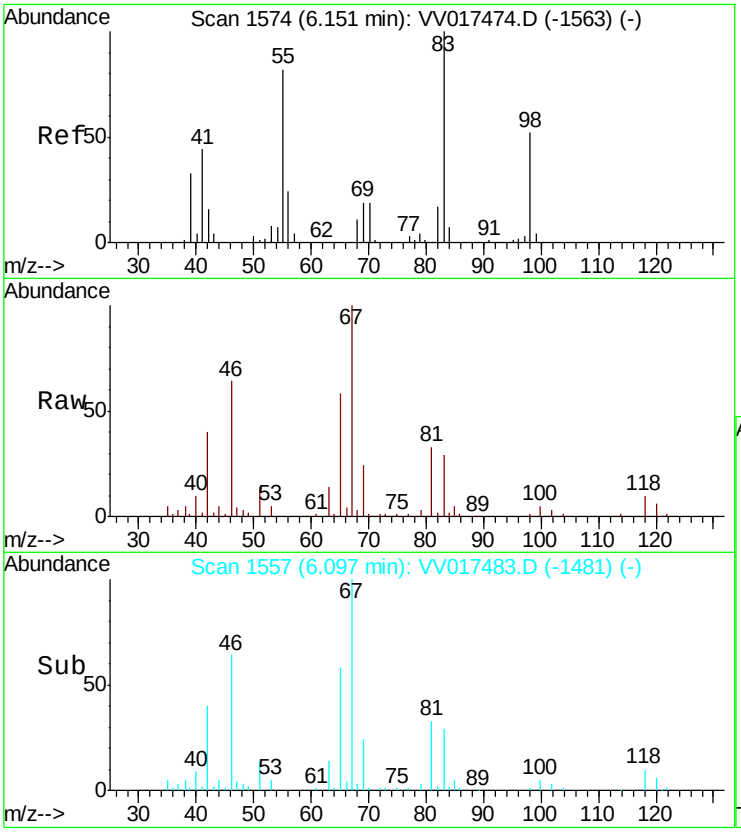


#21
2-Butanone
Concen: 1.719 ug/L
RT: 4.14 min Scan# 947
Delta R.T. 0.09 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Tgt Ion: 43 Resp: 3345

Ion	Ratio	Lower	Upper
43	100		
72	3.9	3.4	10.1



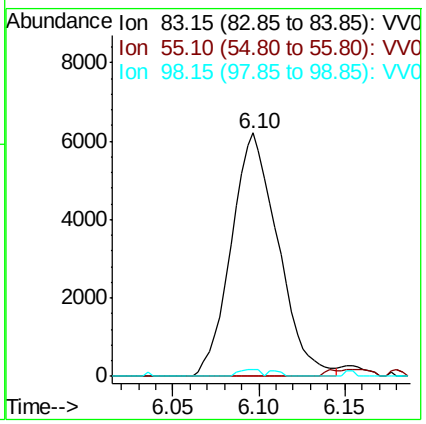


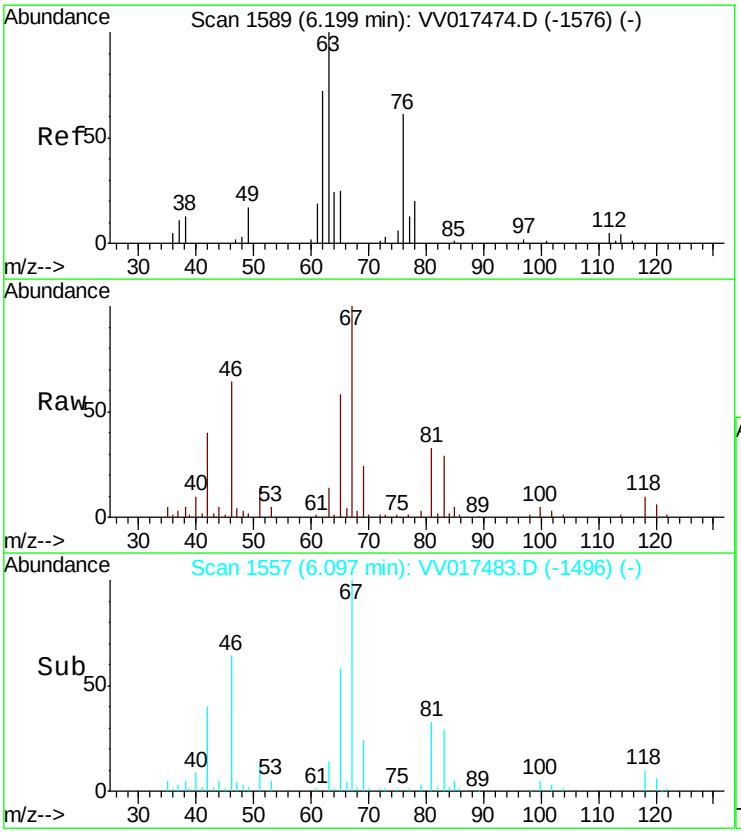
#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Instrument : MSVOA_V
ClientSampleId : GAXX7

Tgt Ion: 83 Resp: 11719

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.0	93.0#
98	1.3	41.4	62.2#

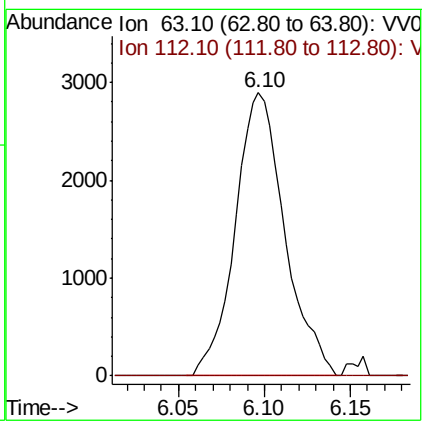


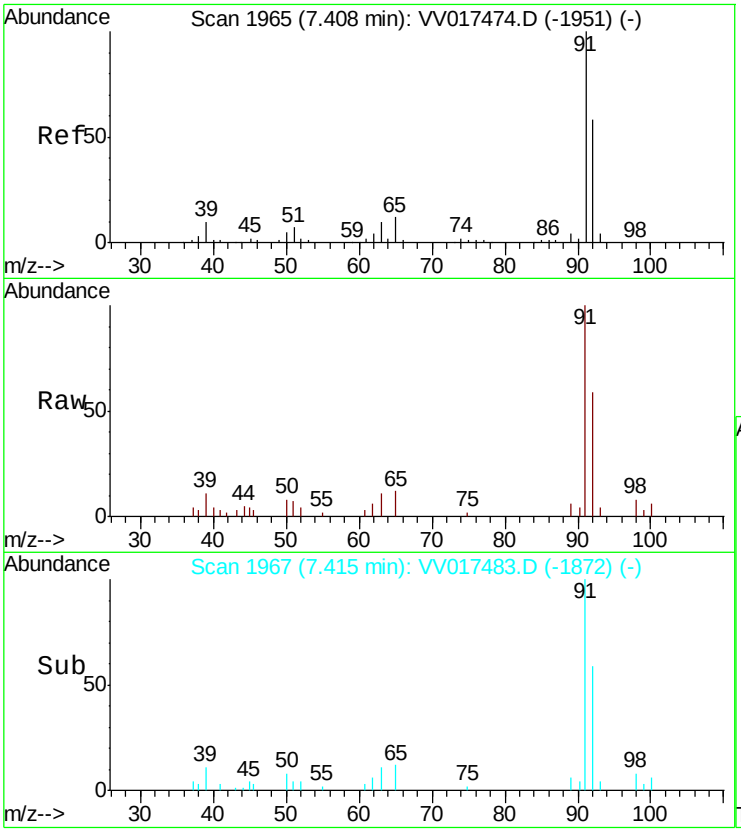


#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Tgt Ion: 63 Resp: 5795

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#



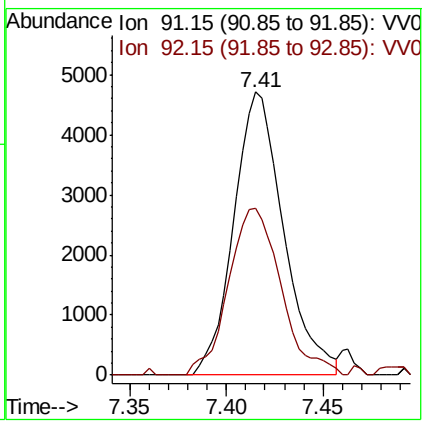


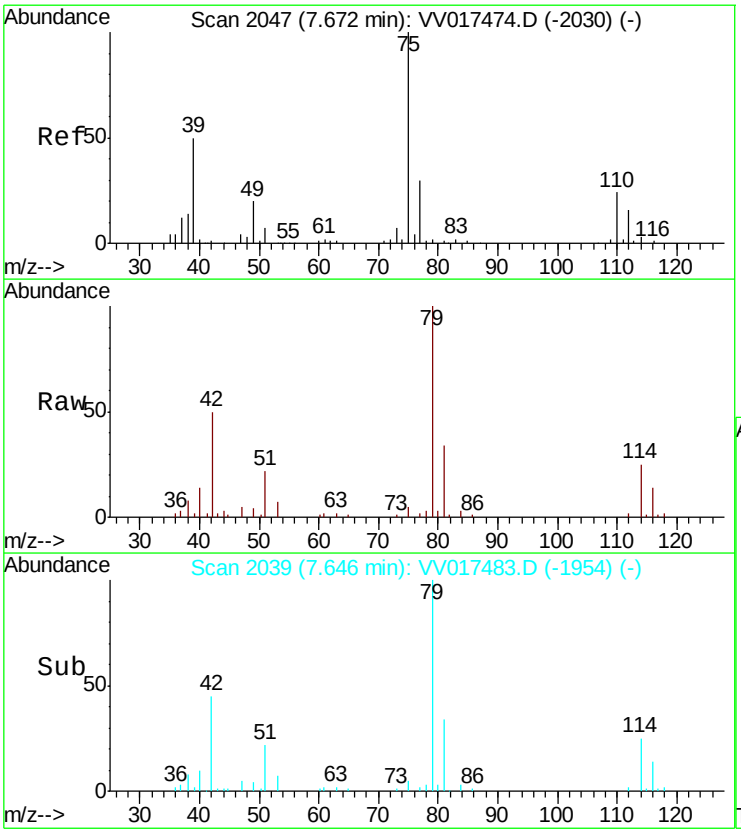
#42
Toluene
Concen: 0.202 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Instrument :
MSVOA_V
ClientSampleId :
GAXX7

Tgt Ion: 91 Resp: 8445

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.7	75.5

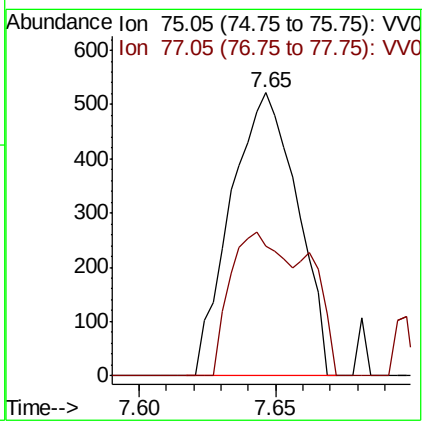


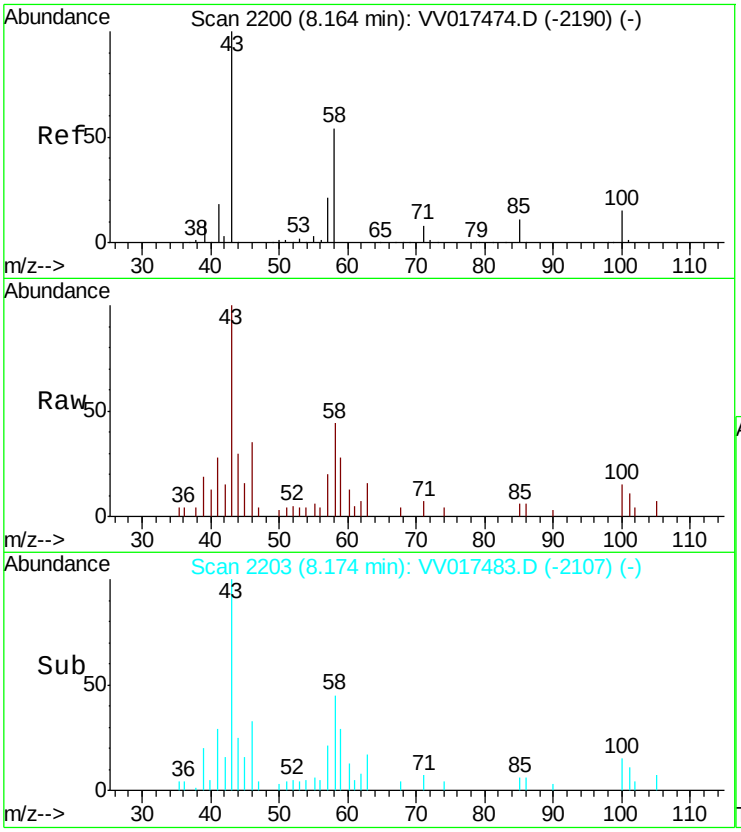


#46
trans-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Tgt Ion: 75 Resp: 881

Ion	Ratio	Lower	Upper
75	100		
77	46.0	21.2	39.4#



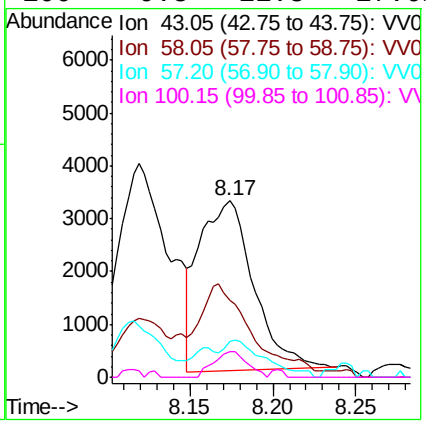


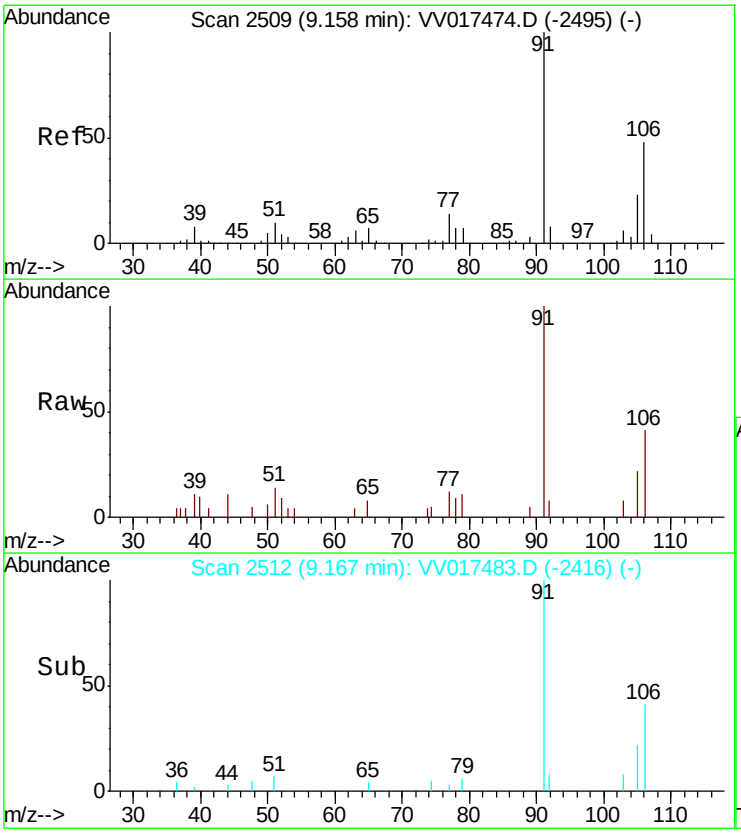
#50
2-Hexanone
Concen: 2.153 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Instrument : MSVOA_V
ClientSampleId : GAXX7

Tgt Ion: 43 Resp: 7338

Ion	Ratio	Lower	Upper
43	100		
58	48.2	43.0	64.4
57	16.4	16.8	25.2#
100	9.3	11.8	17.6#

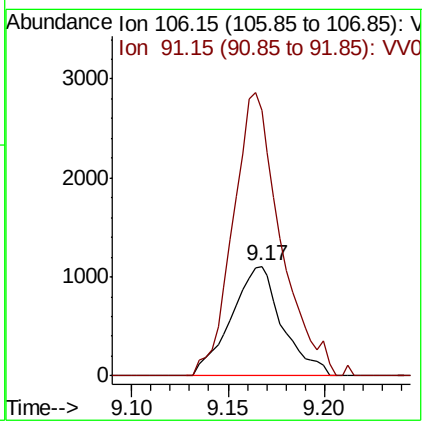


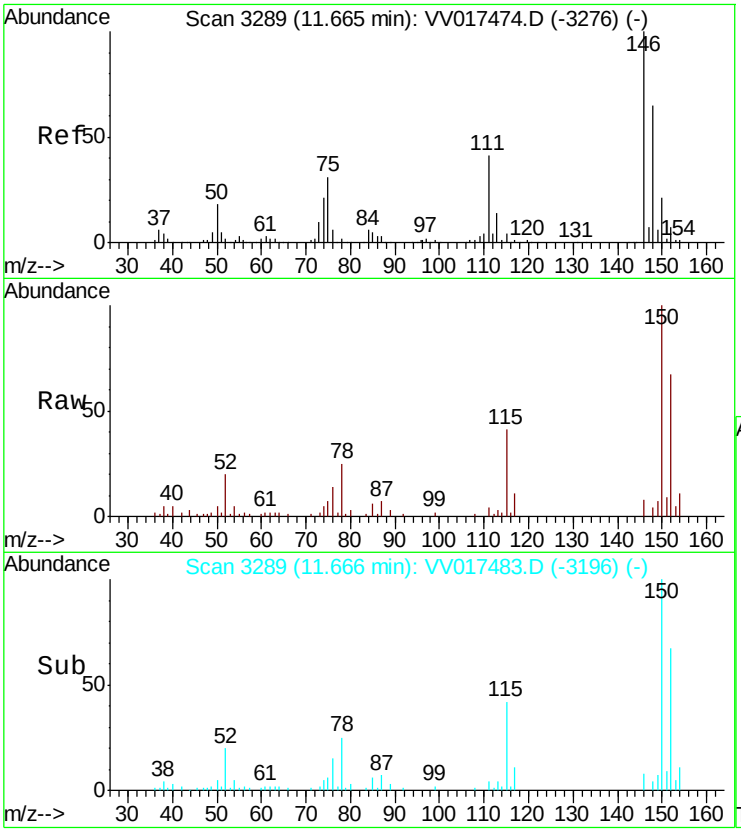


#55
m,p-xylene
Concen: 0.112 ug/L
RT: 9.17 min Scan# 2512
Delta R.T. 0.01 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Tgt Ion:106 Resp: 2037

Ion	Ratio	Lower	Upper
106	100		
91	242.3	144.2	267.8



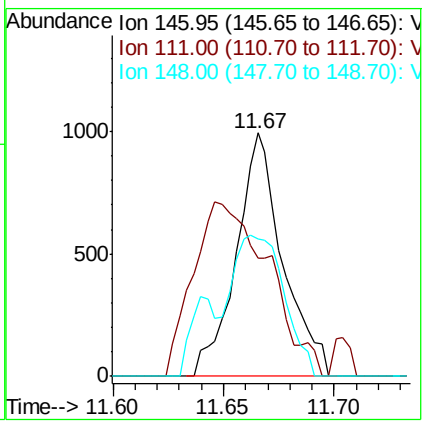


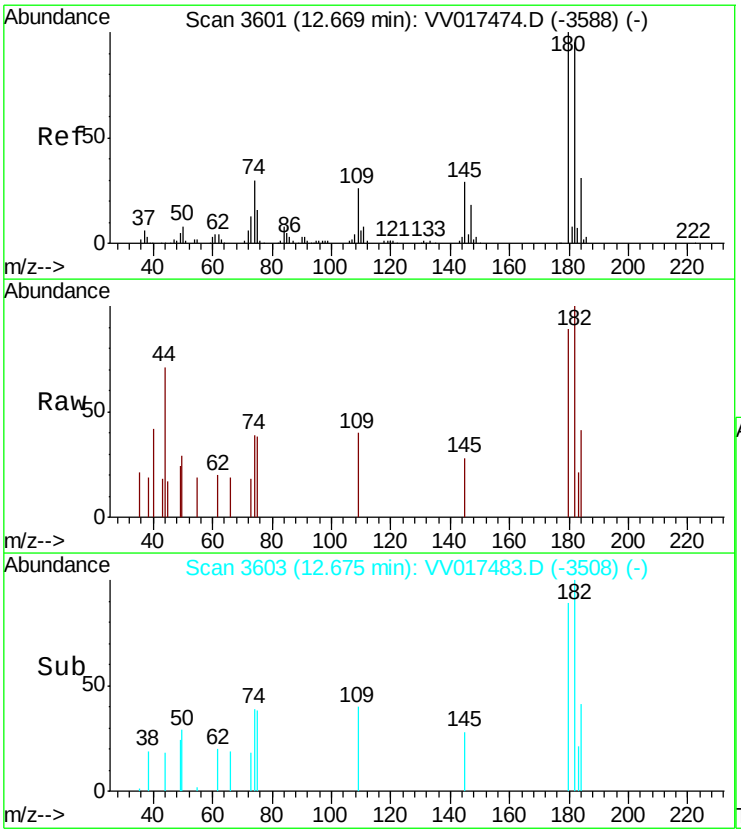
#66
1,2-Dichlorobenzene
Concen: 0.074 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Instrument : MSVOA_V
ClientSampleId : GAXX7

Tgt Ion:146 Resp: 1453

Ion	Ratio	Lower	Upper
146	100		
111	48.6	32.7	49.1
148	56.5	52.3	78.5

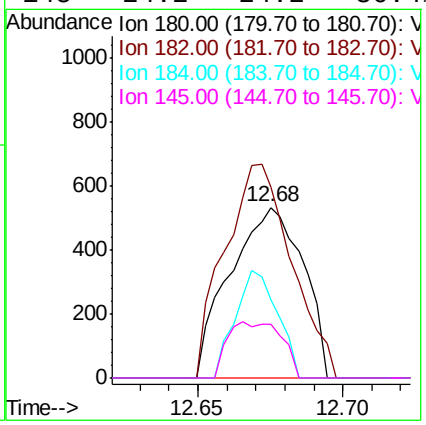


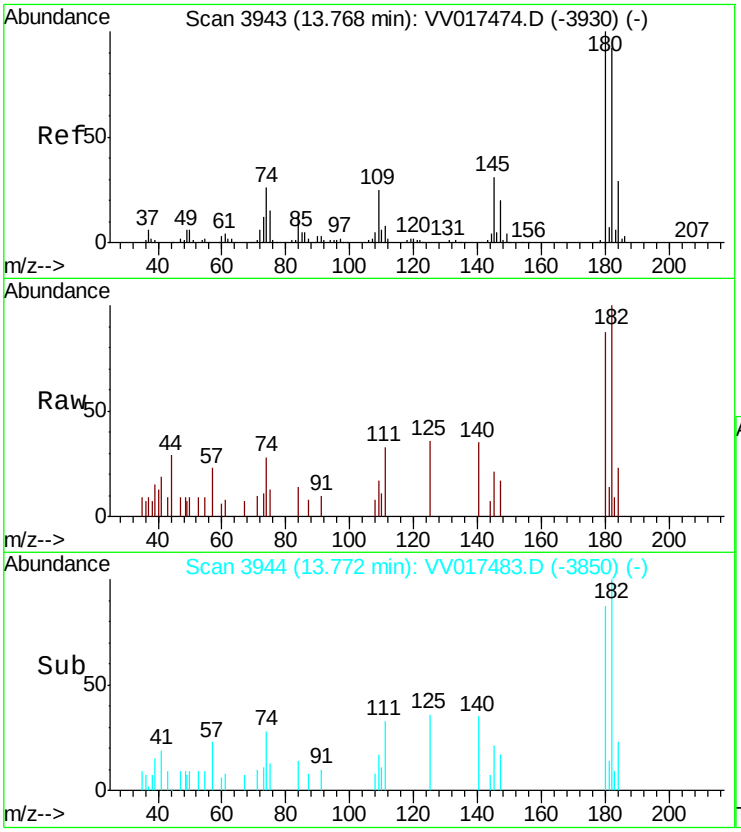


#68
1,3,5-Trichlorobenzene
Concen: 0.053 ug/L
RT: 12.68 min Scan# 3603
Delta R.T. 0.01 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Tgt Ion:180 Resp: 929

Ion	Ratio	Lower	Upper
180	100		
182	115.1	76.2	114.4#
184	36.3	24.3	36.5
145	24.2	24.2	36.4#





#71
1,2,3-Trichlorobenzene
Concen: 0.192 ug/L
RT: 13.77 min Scan# 3944
Delta R.T. 0.00 min
Lab File: VV017483.D
Acq: 14 Jul 2020 14:52

Instrument :
MSVOA_V
ClientSampleId :
GAXX7

Tgt Ion:180 Resp: 2396

Ion	Ratio	Lower	Upper
180	100		
182	97.5	74.0	111.0
145	27.0	26.0	39.0