Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018525.D
Acq On : 29 Sep 2020 18:41
Operator : SY/MD
Sample : L4171-05ME
Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y7ME

Quant Time: Sep 30 01:52:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 01:47:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	442827	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	433488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	231401	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	111136	42.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.58%			
7) Chloroethane-d5	1.58	69	84603	39.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.80%			
11) 1,1-Dichloroethene-d2	2.10	63	152714	28.86	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.72%#			
21) 2-Butanone-d5	3.93	46	138232	71.36	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 71.36%			
24) Chloroform-d	4.37	84	232684	41.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.86%			
26) 1,2-Dichloroethane-d4	5.05	65	161096	45.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.38%			
32) Benzene-d6	5.07	84	495141	45.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.18%			
36) 1,2-Dichloropropane-d6	6.09	67	159834	48.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.36%			
41) Toluene-d8	7.34	98	471095	45.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.22%			
43) trans-1,3-Dichloropropene-	7.65	79	77879	43.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.90%			
47) 2-Hexanone-d5	8.14	63	122304	97.06	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.06%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	198620	45.16	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.32%			
64) 1,2-Dichlorobenzene-d4	11.65	152	206694	46.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.90%			
Target Compounds						Qvalue
29) Cyclohexane	4.69	56	477440	96.569	ug/L	94
35) Methylcyclohexane	6.15	83	66879	13.409	ug/L	95
42) Toluene	7.41	91	56139	4.075	ug/L	100
48) 2-Hexanone	8.10	43	15967	4.854	ug/L #	23
52) Ethylbenzene	9.04	91	131755	8.563	ug/L	100
53) m,p-Xylene	9.16	106	250463	42.123	ug/L	98
54) o-xylene	9.57	106	58402	10.374	ug/L	99
56) Isopropylbenzene	9.95	105	94137	6.235	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	7418	1.627	ug/L #	57
63) 1,4-Dichlorobenzene	11.30	146	10879	1.411	ug/L #	71
65) 1,2-Dichlorobenzene	11.67	146	12319	1.663	ug/L #	85
66) 1,2-Dibromo-3-chloropropan	12.43	75	7334	7.251	ug/L #	1
68) 1,2,4-trichlorobenzene	13.29	180	8890	1.842	ug/L #	63
69) Naphthalene	13.53	128	705327	51.044	ug/L	99

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

Quantitation Report (Not Reviewed)

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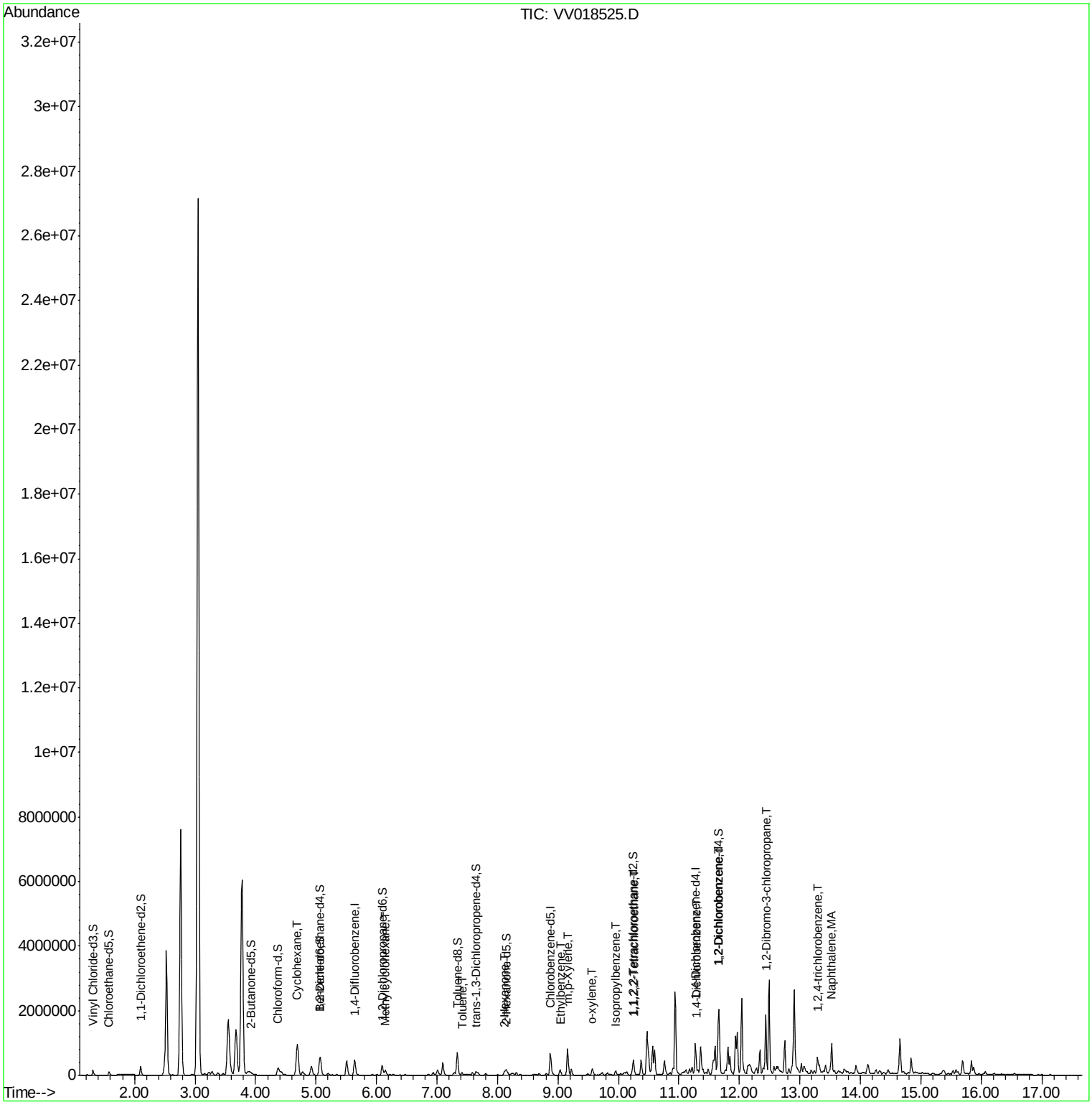
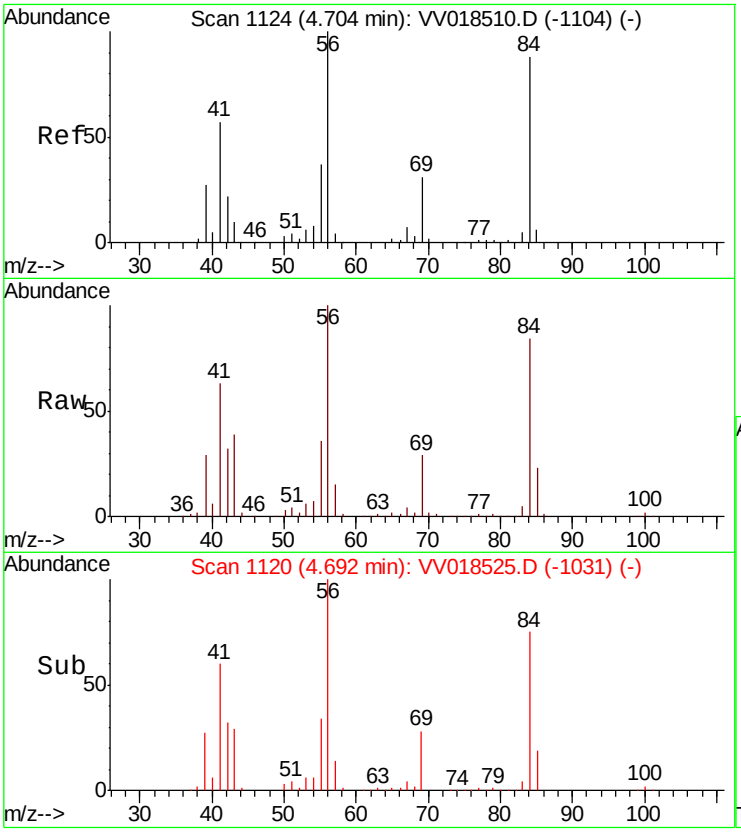
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 01:47:57 2020
Response via : Initial Calibration



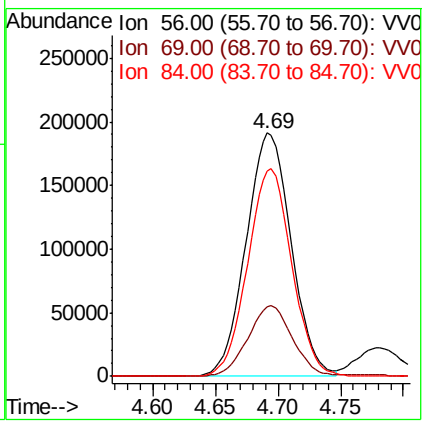


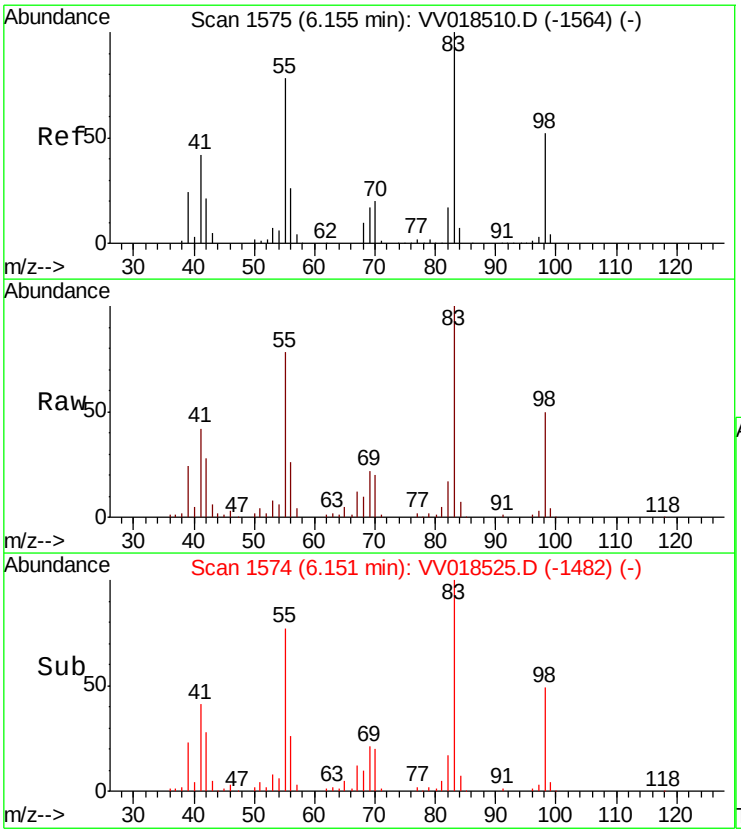
#29
Cyclohexane
Concen: 96.569 ug/L
RT: 4.69 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Instrument : MSVOA_V
ClientSampleId : BG3Y7ME

Tgt Ion: 56 Resp: 477440

Ion	Ratio	Lower	Upper
56	100		
69	28.3	24.8	37.2
84	83.8	72.2	108.4

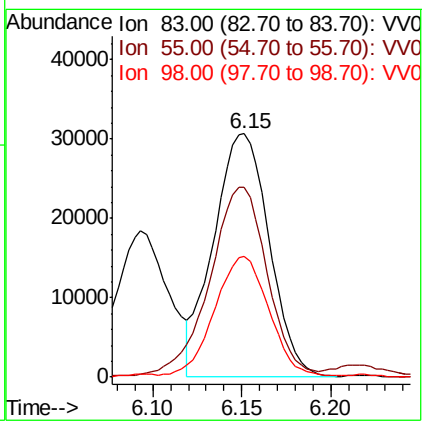


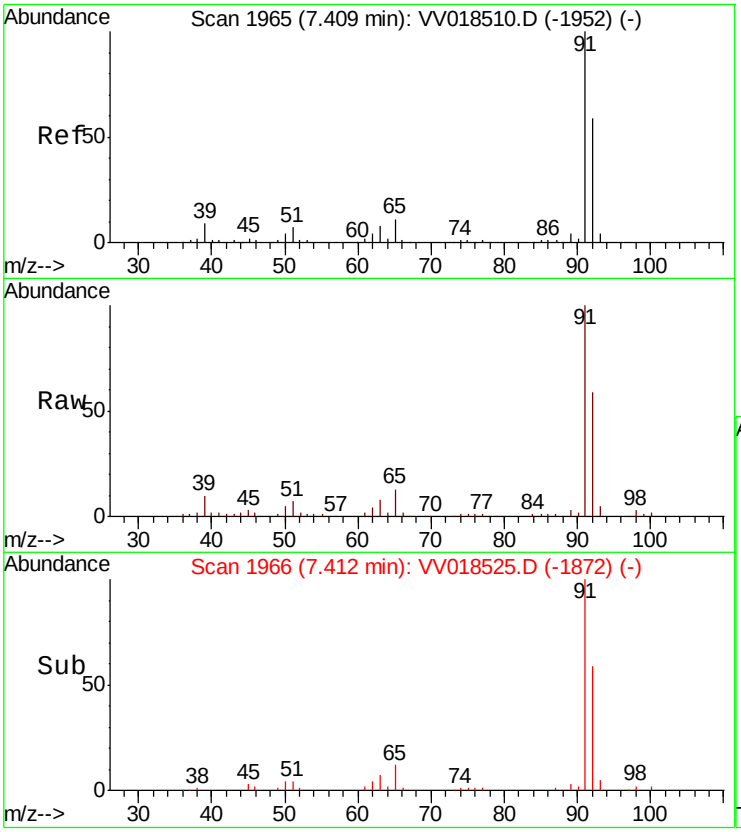


#35
Methylcyclohexane
Concen: 13.409 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Tgt Ion: 83 Resp: 66879

Ion	Ratio	Lower	Upper
83	100		
55	79.8	60.1	90.1
98	48.1	40.2	60.4



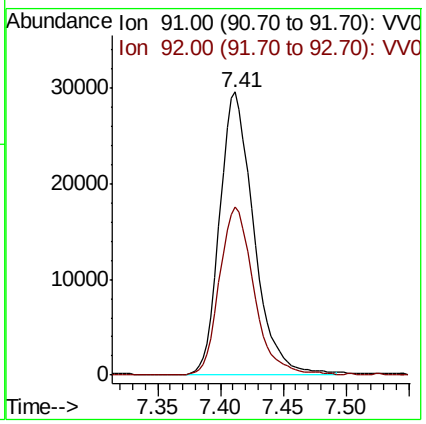


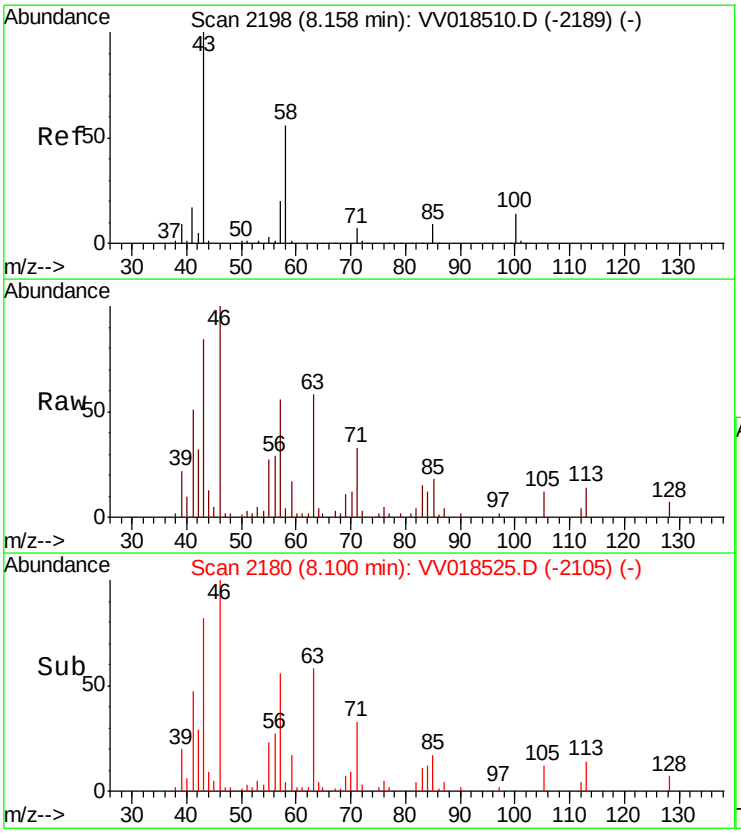
#42
Toluene
Concen: 4.075 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
BG3Y7ME

Tgt Ion: 91 Resp: 56139

Ion	Ratio	Lower	Upper
91	100		
92	59.2	41.6	77.3

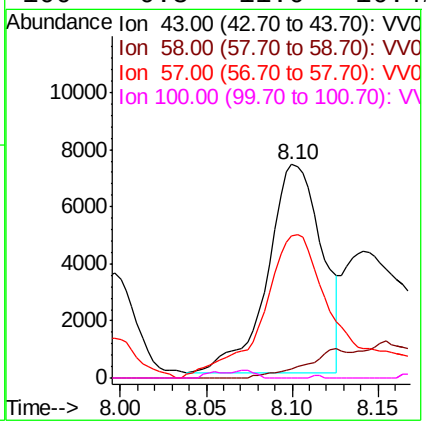


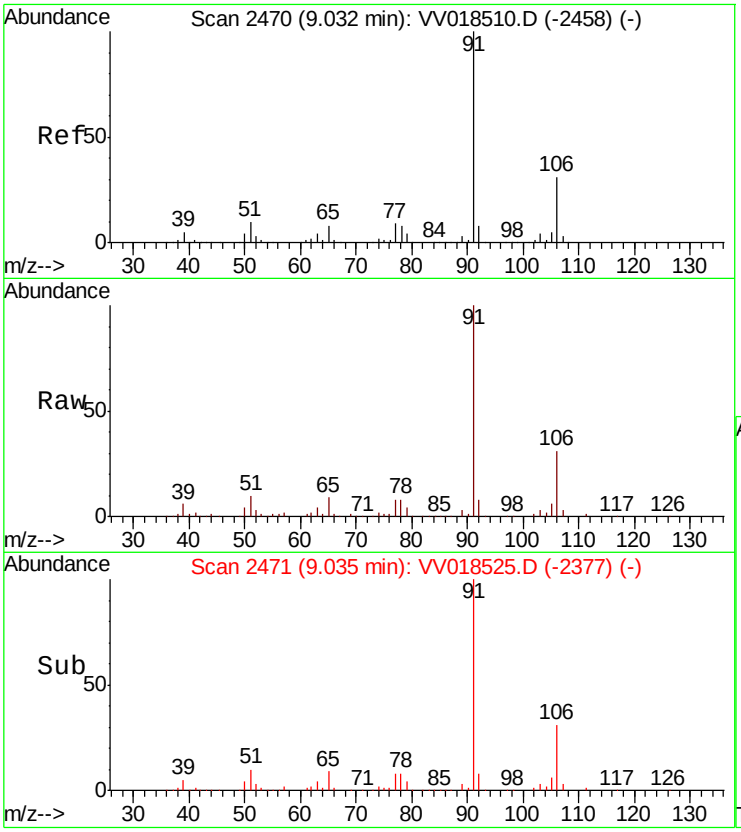


#48
2-Hexanone
Concen: 4.854 ug/L
RT: 8.10 min Scan# 2180
Delta R.T. -0.06 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Tgt Ion: 43 Resp: 15967

Ion	Ratio	Lower	Upper
43	100		
58	8.3	45.1	67.7#
57	82.7	15.7	23.5#
100	0.3	11.0	16.4#



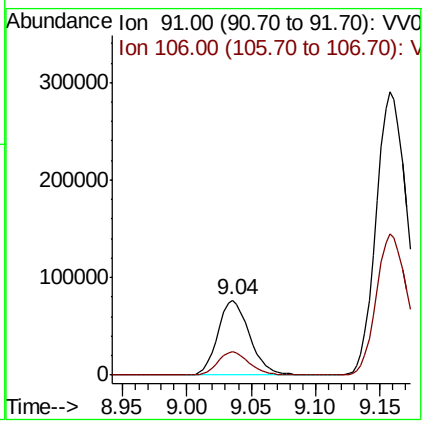


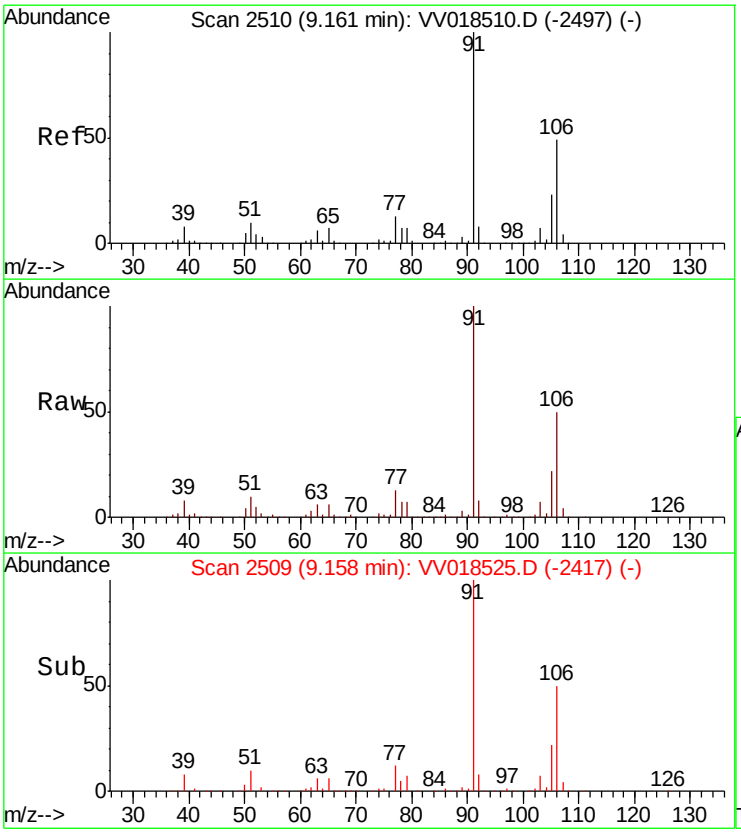
#52
Ethylbenzene
Concen: 8.563 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
BG3Y7ME

Tgt Ion: 91 Resp: 131755

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.9	40.7

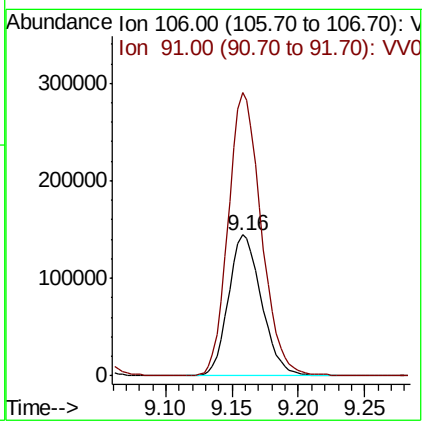


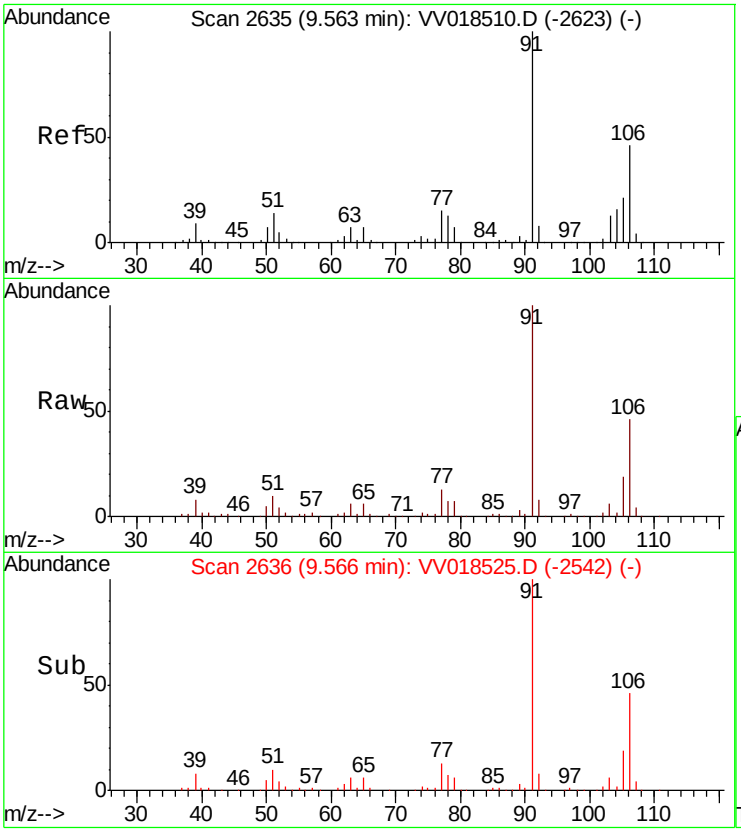


#53
m,p-Xylene
Concen: 42.123 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Tgt Ion:106 Resp: 250463

Ion	Ratio	Lower	Upper
106	100		
91	200.4	142.3	264.3



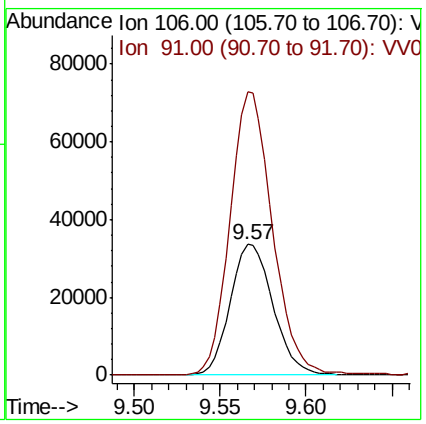


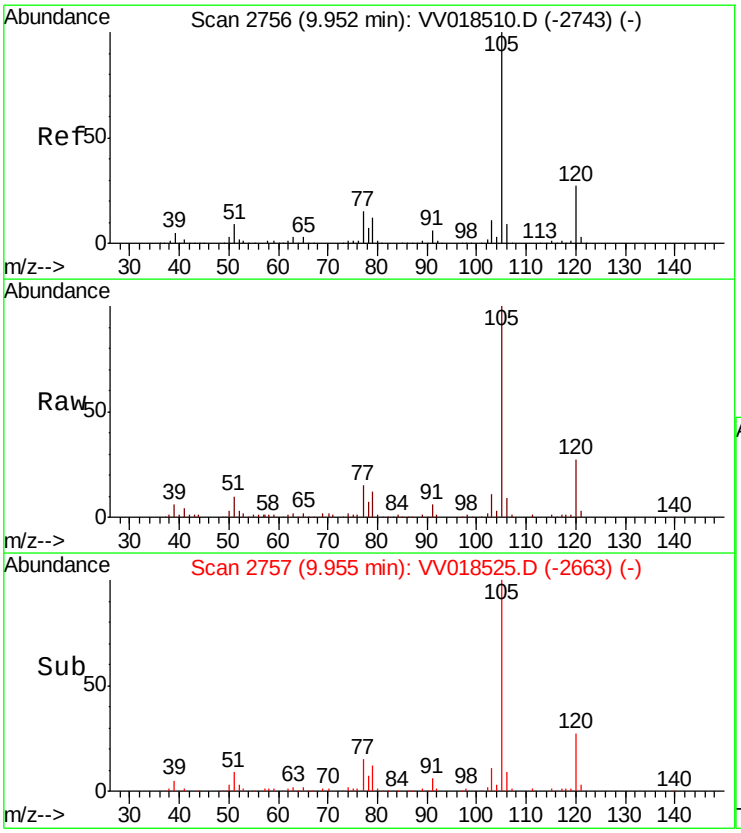
#54
o-xylene
Concen: 10.374 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
BG3Y7ME

Tgt Ion:106 Resp: 58402

Ion	Ratio	Lower	Upper
106	100		
91	216.8	151.0	280.4

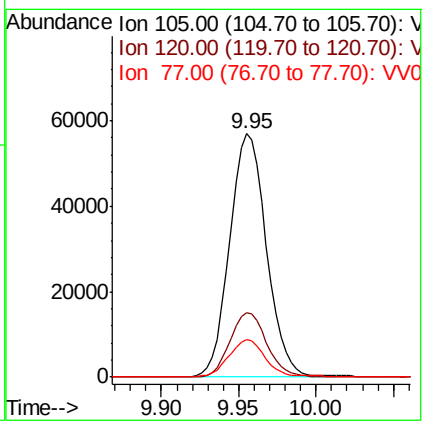


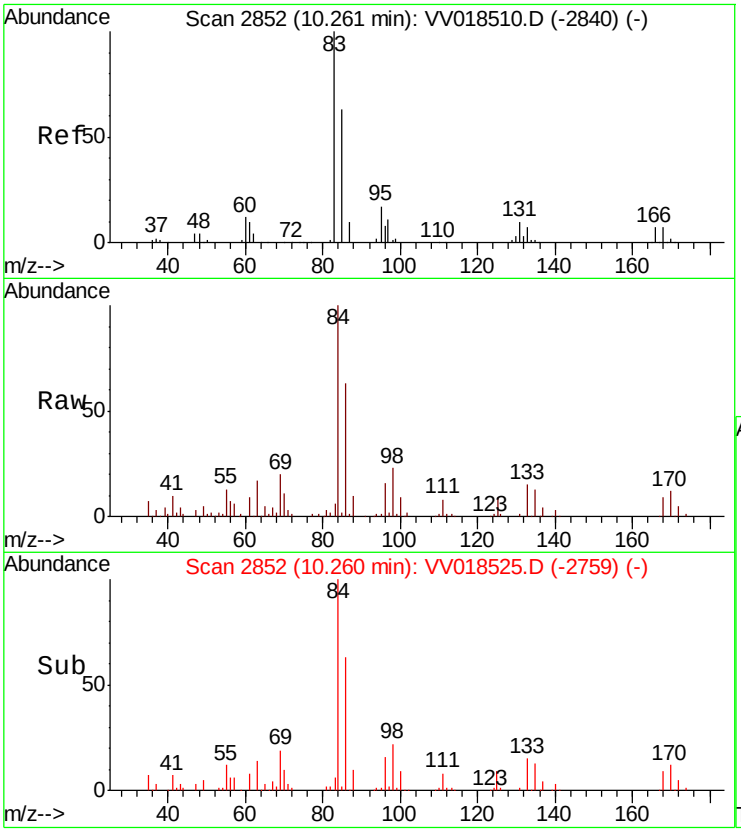


#56
Isopropylbenzene
Concen: 6.235 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Tgt Ion:105 Resp: 94137

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.5	32.3
77	15.7	12.2	18.2



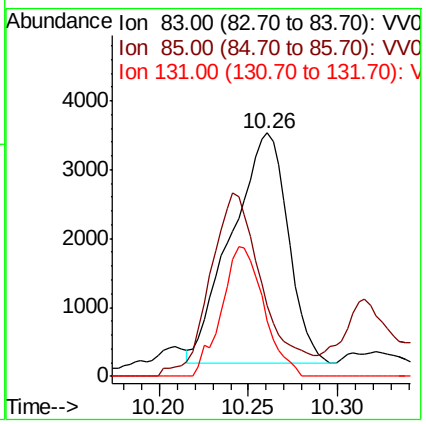


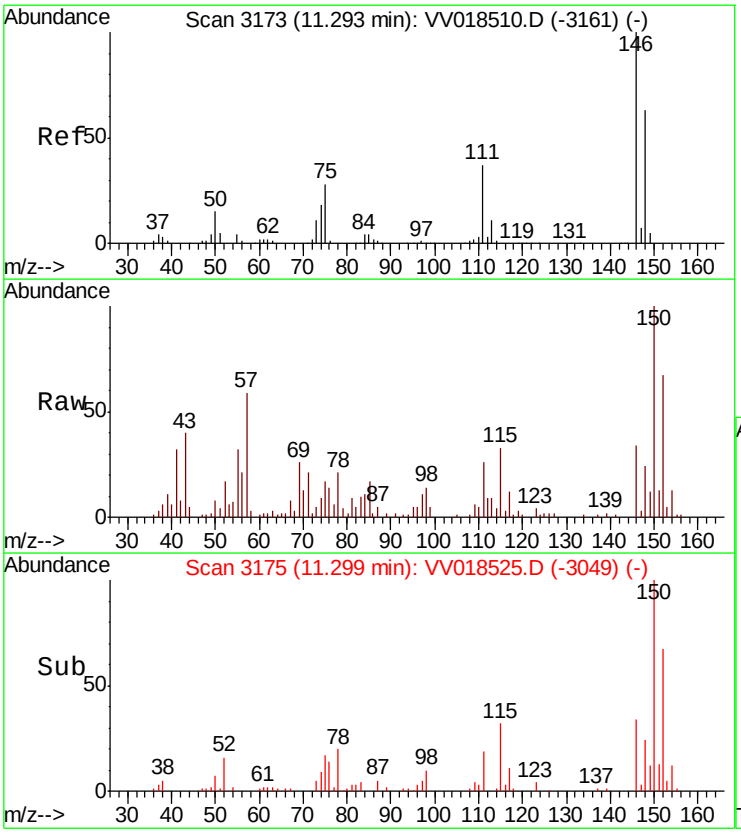
#58
1,1,2,2-Tetrachloroethane
Concen: 1.627 ug/L
RT: 10.26 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Instrument : MSVOA_V
ClientSampleId : BG3Y7ME

Tgt Ion: 83 Resp: 7418

Ion	Ratio	Lower	Upper
83	100		
85	29.1	44.5	82.7#
131	23.0	8.6	12.8#

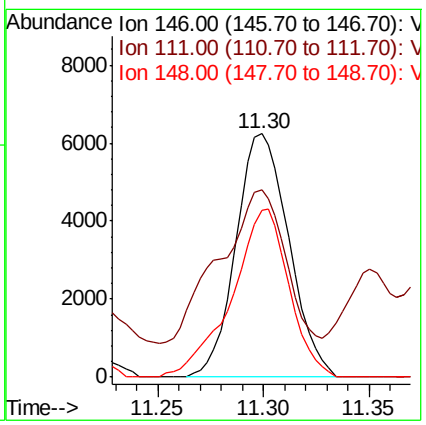


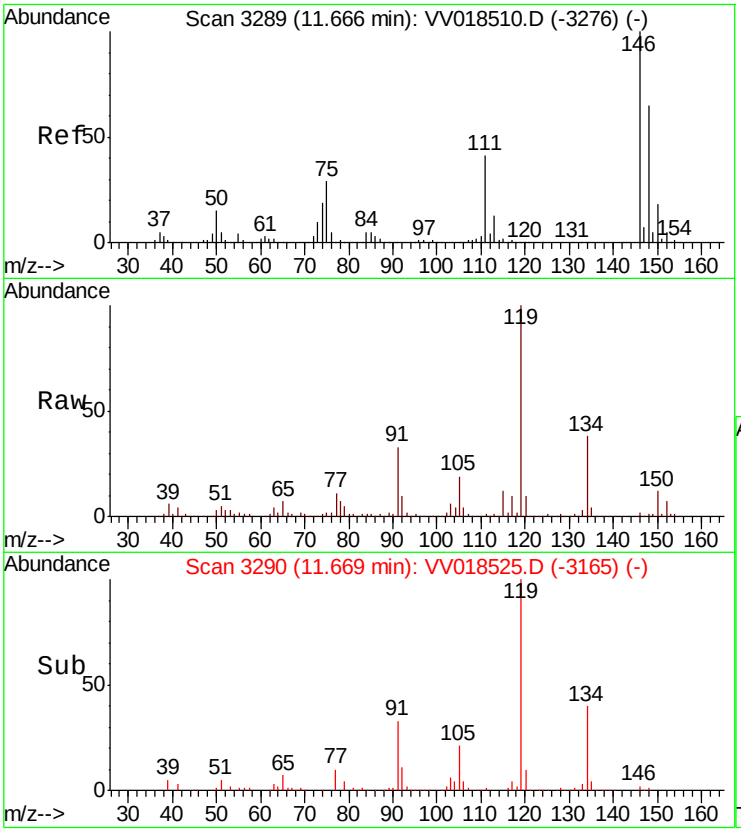


#63
1,4-Dichlorobenzene
Concen: 1.411 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.01 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Tgt Ion:146 Resp: 10879

Ion	Ratio	Lower	Upper
146	100		
111	76.9	26.2	48.6#
148	68.5	44.4	82.5



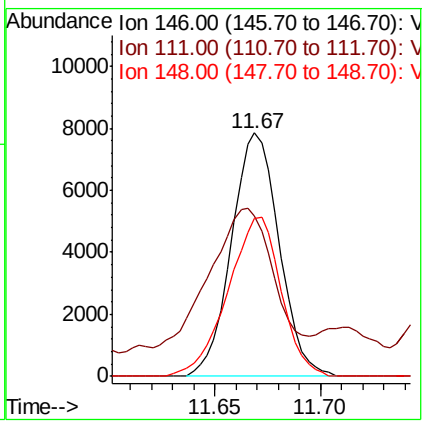


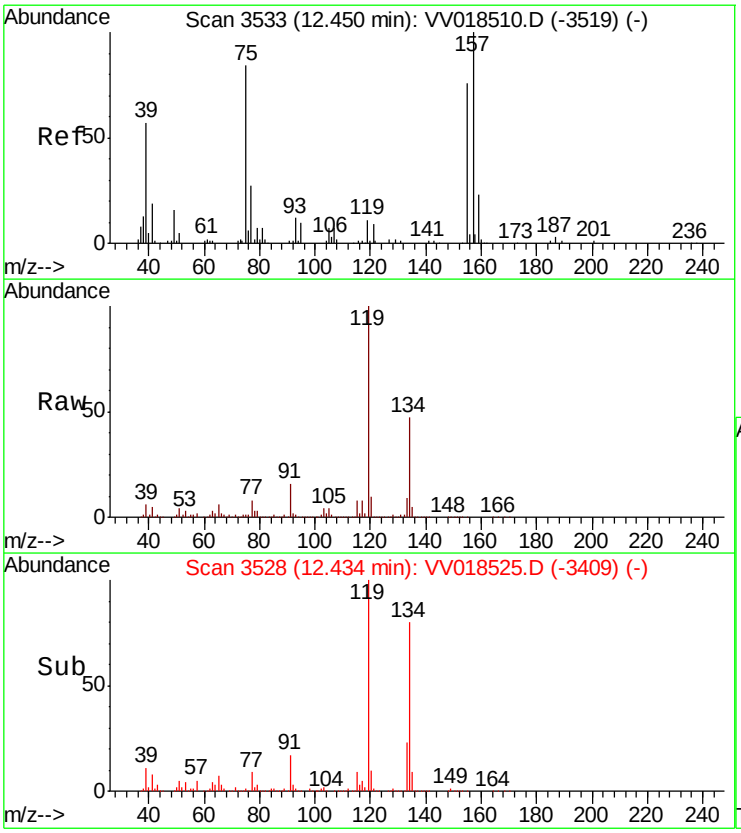
#65
1,2-Dichlorobenzene
Concen: 1.663 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
BG3Y7ME

Tgt Ion:146 Resp: 12319

Ion	Ratio	Lower	Upper
146	100		
111	65.8	32.8	49.2#
148	64.9	51.9	77.9

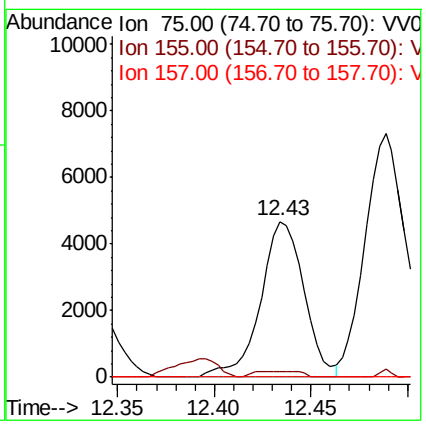


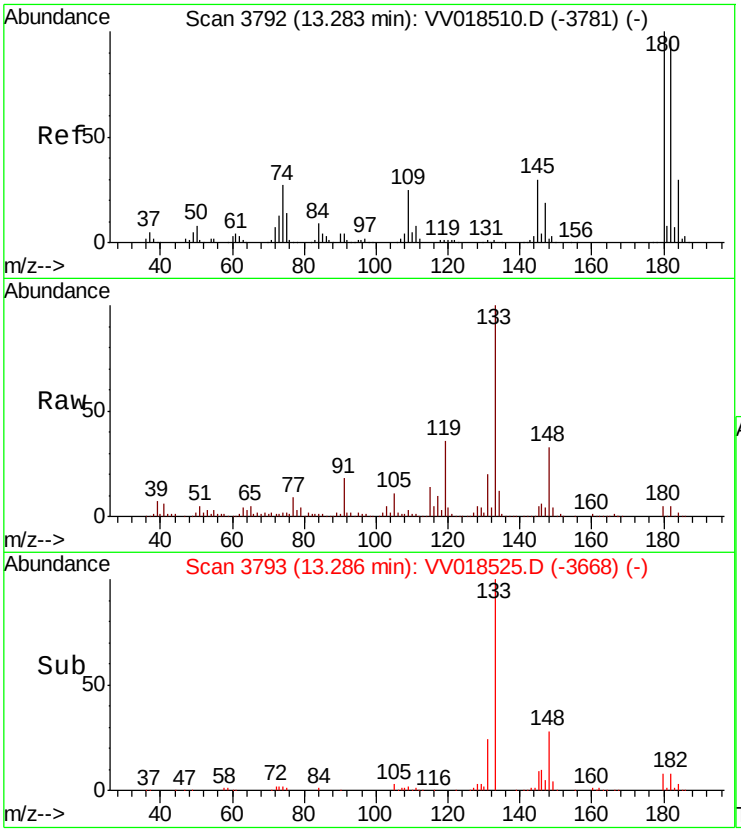


#66
1,2-Dibromo-3-chloropropane
Concen: 7.251 ug/L
RT: 12.43 min Scan# 3528
Delta R.T. -0.02 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Tgt Ion: 75 Resp: 7334

Ion	Ratio	Lower	Upper
75	100		
155	3.5	73.0	109.6#
157	0.0	95.8	143.6#



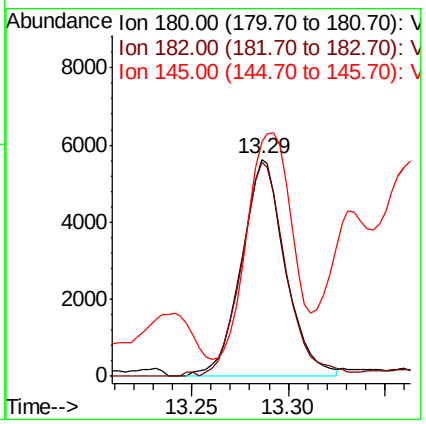


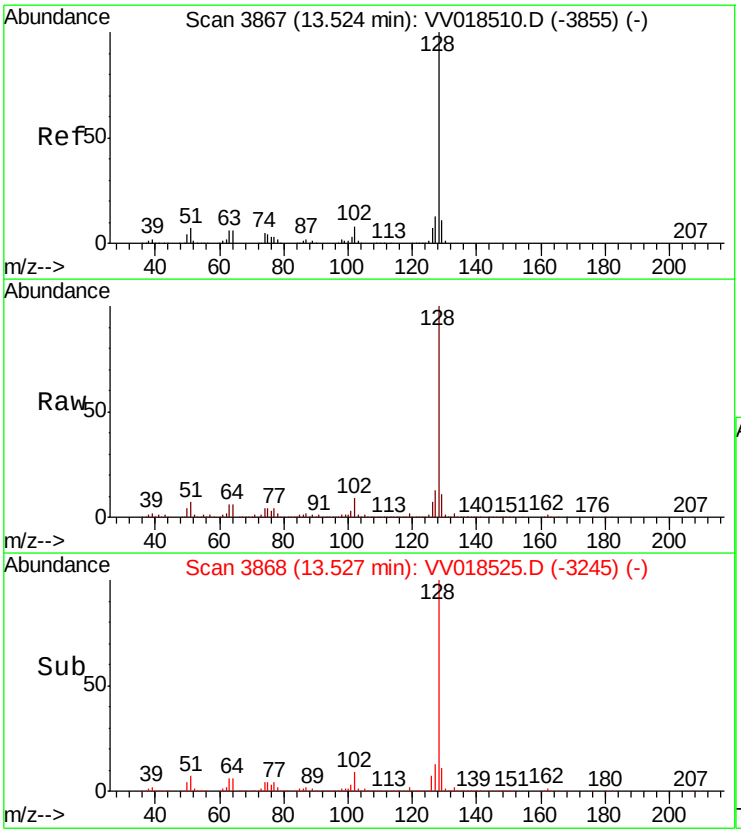
#68
1,2,4-trichlorobenzene
Concen: 1.842 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Instrument : MSVOA_V
ClientSampleId : BG3Y7ME

Tgt Ion:180 Resp: 8890

Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.3	114.5
145	106.7	23.6	35.4#





#69
Naphthalene
Concen: 51.044 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV018525.D
Acq: 29 Sep 2020 18:41

Tgt Ion:128 Resp: 705327

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.2	8.6	12.8