Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018444.D
Acq On : 25 Sep 2020 10:38
Operator : SY/MD
Sample : L4109-11
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3X1

Quant Time: Sep 25 23:43:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	1572025	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	1532228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	790047	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58456	4.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 9.12%#			
7) Chloroethane-d5	1.58	69	50785	4.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 9.68%#			
11) 1,1-Dichloroethene-d2	2.10	63	88540	3.77	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 7.54%#			
21) 2-Butanone-d5	3.94	46	79103	10.09	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 10.09%#			
24) Chloroform-d	4.38	84	133494	6.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 12.02%#			
26) 1,2-Dichloroethane-d4	5.06	65	88596	6.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 12.44%#			
32) Benzene-d6	5.07	84	275547	6.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 12.56%#			
36) 1,2-Dichloropropane-d6	6.09	67	93100	6.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 13.36%#			
41) Toluene-d8	7.34	98	269337	6.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 13.48%#			
43) trans-1,3-Dichloropropene-	7.65	79	44419	6.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 12.54%#			
47) 2-Hexanone-d5	8.31	63	231	0.04	ug/L	0.20
Spiked Amount 100.000	Range 45 - 130		Recovery = 0.04%#			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	138233	7.90	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery = 15.80%#			
64) 1,2-Dichlorobenzene-d4	11.65	152	121175	7.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 14.94%#			
Target Compounds						Qvalue
29) Cyclohexane	4.70	56	40733	2.302	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	62018	3.488	ug/L	99
42) Toluene	7.41	91	1222250	26.364	ug/L	99
45) 1,1,2-Trichloroethane	7.81	97	32437	3.015	ug/L #	20
48) 2-Hexanone	8.10	43	27788	2.503	ug/L #	25
52) Ethylbenzene	9.04	91	532931	10.529	ug/L	98
53) m,p-Xylene	9.16	106	909070	48.119	ug/L	94
54) o-xylene	9.57	106	374622	20.583	ug/L	100
55) Styrene	9.57	104	18899	0.597	ug/L #	1
56) Isopropylbenzene	9.95	105	514803	10.495	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	27434	1.724	ug/L #	47
65) 1,2-Dichlorobenzene	11.67	146	35015	1.475	ug/L #	85
66) 1,2-Dibromo-3-chloropropan	12.44	75	6985	2.085	ug/L #	4
68) 1,2,4-trichlorobenzene	13.29	180	26919	1.632	ug/L #	65
69) Naphthalene	13.52	128	1945706	46.625	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018444.D
Acq On : 25 Sep 2020 10:38
Operator : SY/MD
Sample : L4109-11
Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

Quant Time: Sep 25 23:43:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018444.D
Acq On : 25 Sep 2020 10:38
Operator : SY/MD
Sample : L4109-11
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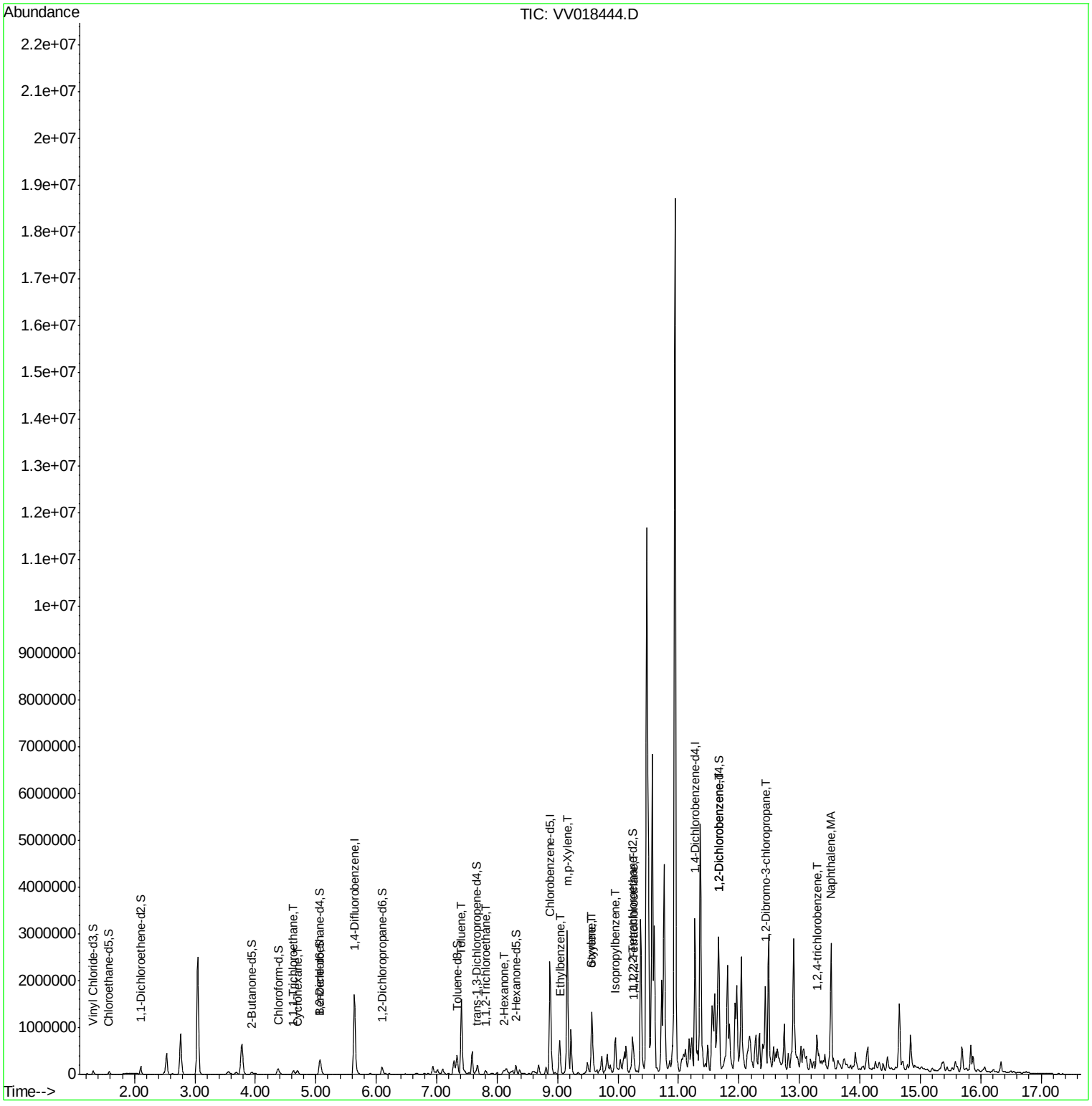
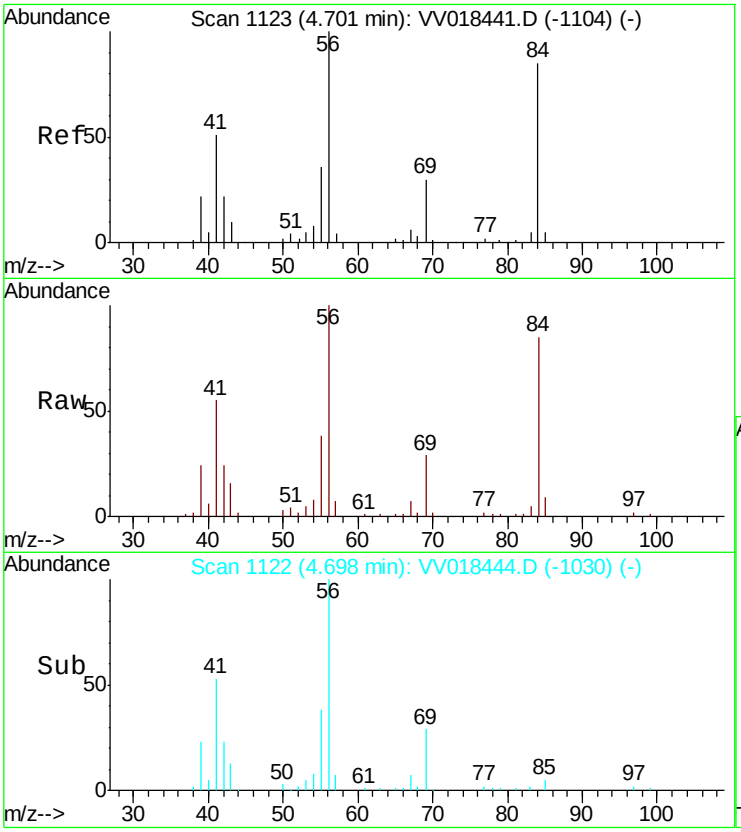
Quant Time: Sep 25 23:43:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration



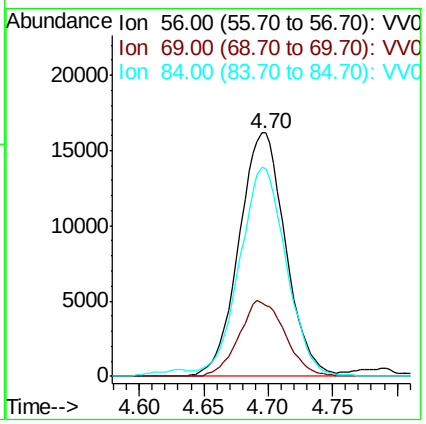


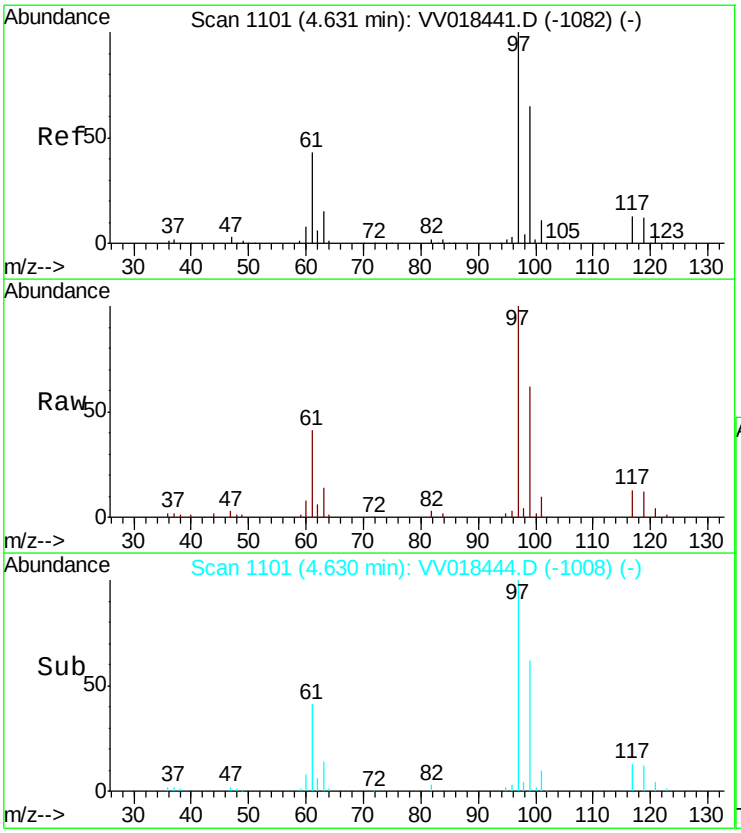
#29
Cyclohexane
Concen: 2.302 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Instrument : MSVOA_V
ClientSampleId : BG3X1

Tgt Ion: 56 Resp: 40733

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.2
84	86.1	68.3	102.5

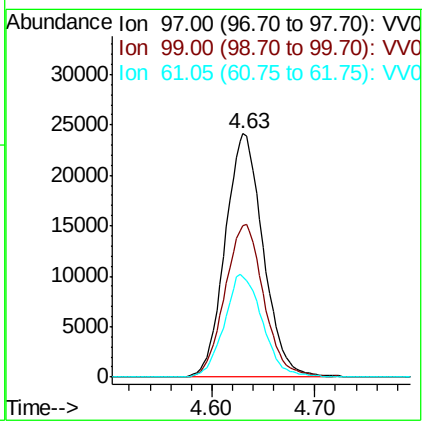


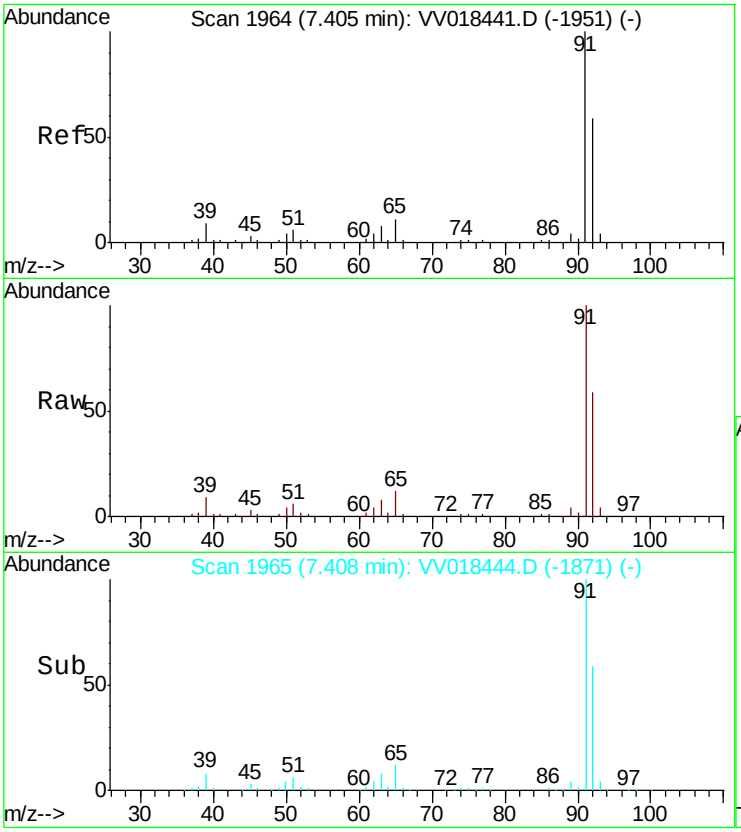


#30
1,1,1-Trichloroethane
Concen: 3.488 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Tgt Ion: 97 Resp: 62018

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	42.2	34.9	52.3



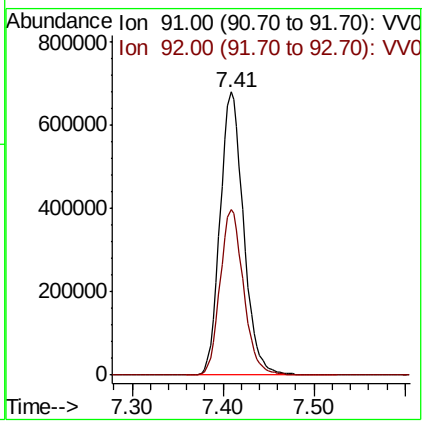


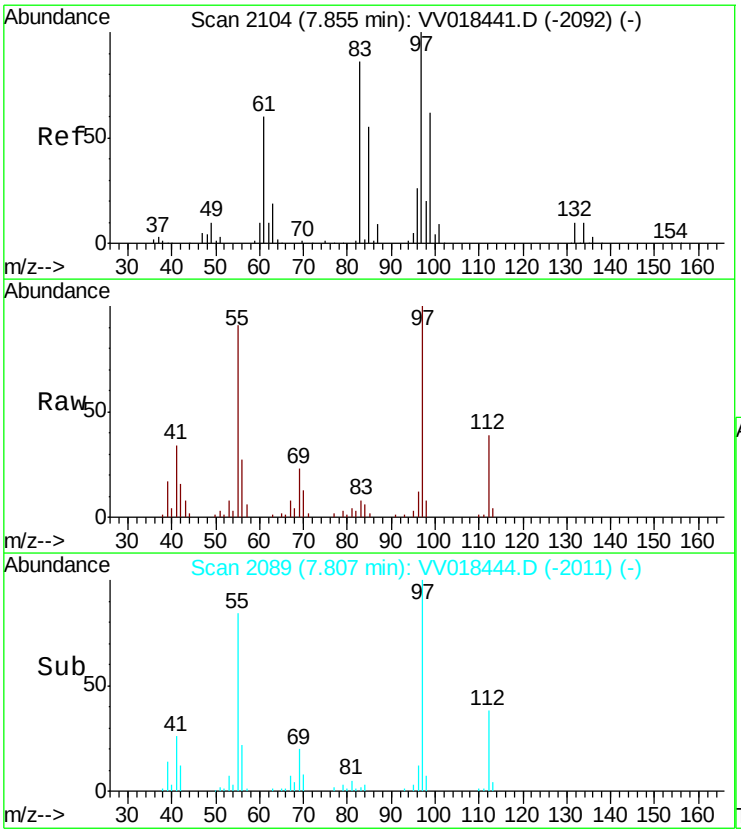
#42
Toluene
Concen: 26.364 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Instrument : MSVOA_V
ClientSampleId : BG3X1

Tgt Ion: 91 Resp: 1222250

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.7	75.5

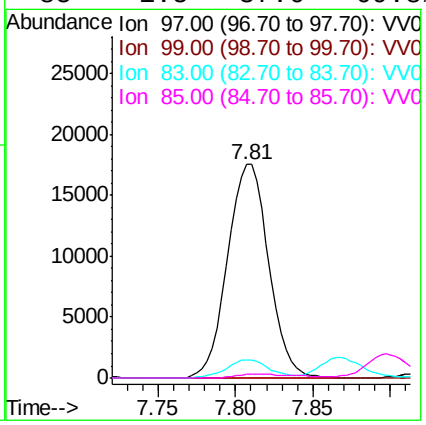


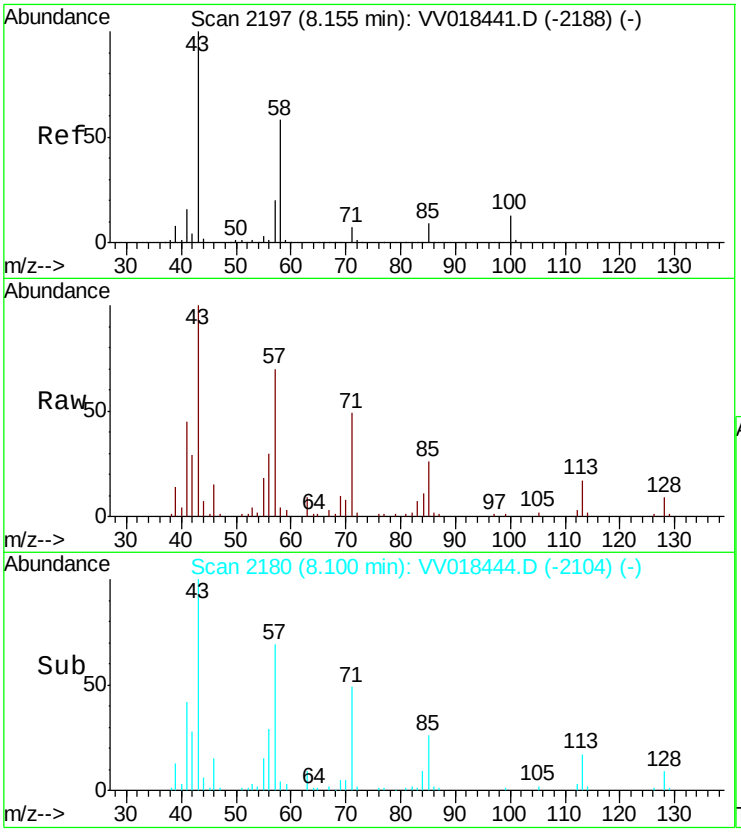


#45
1,1,2-Trichloroethane
Concen: 3.015 ug/L
RT: 7.81 min Scan# 2089
Delta R.T. -0.05 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Tgt Ion: 97 Resp: 32437

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.7	81.1#
83	8.5	59.9	111.3#
85	1.5	37.6	69.8#



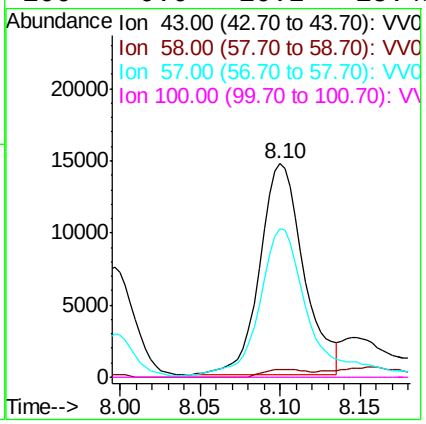


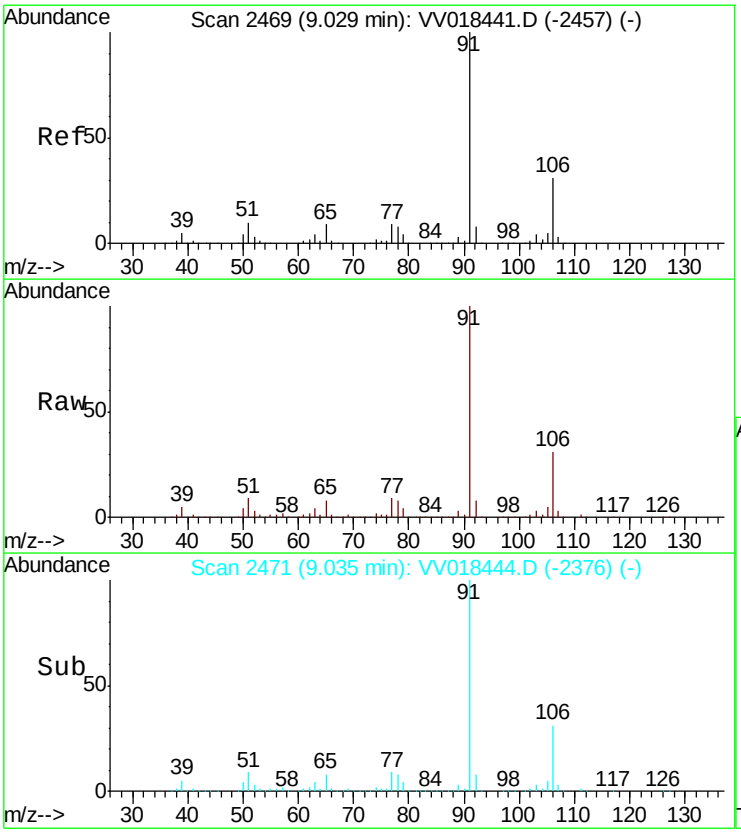
#48
2-Hexanone
Concen: 2.503 ug/L
RT: 8.10 min Scan# 2180
Delta R.T. -0.05 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Instrument : MSVOA_V
ClientSampleId : BG3X1

Tgt Ion: 43 Resp: 27788

Ion	Ratio	Lower	Upper
43	100		
58	3.6	44.8	67.2#
57	71.6	15.8	23.6#
100	0.0	10.2	15.4#

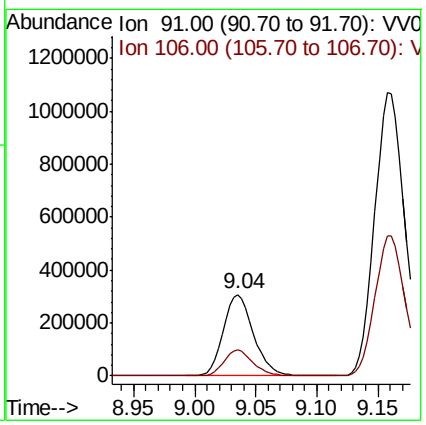


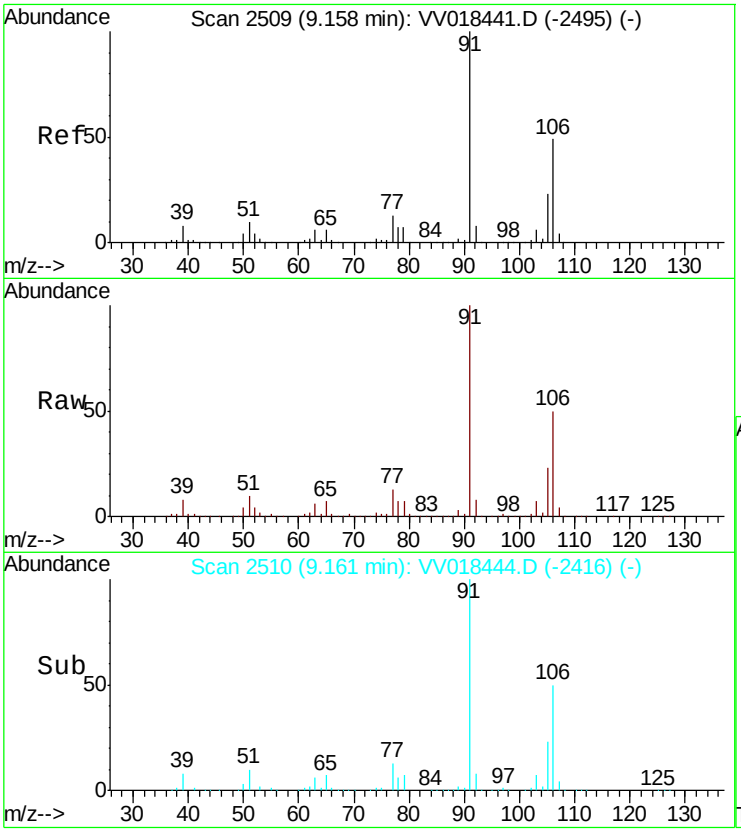


#52
Ethylbenzene
Concen: 10.529 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.01 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Tgt Ion: 91 Resp: 532931

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.3	39.5



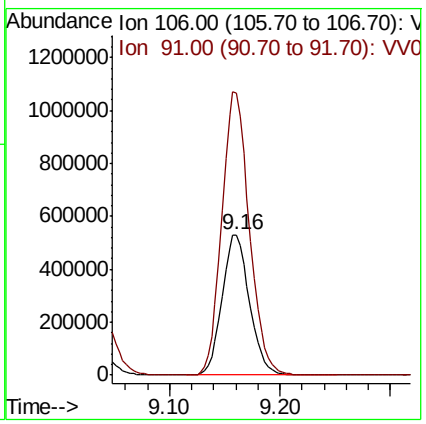


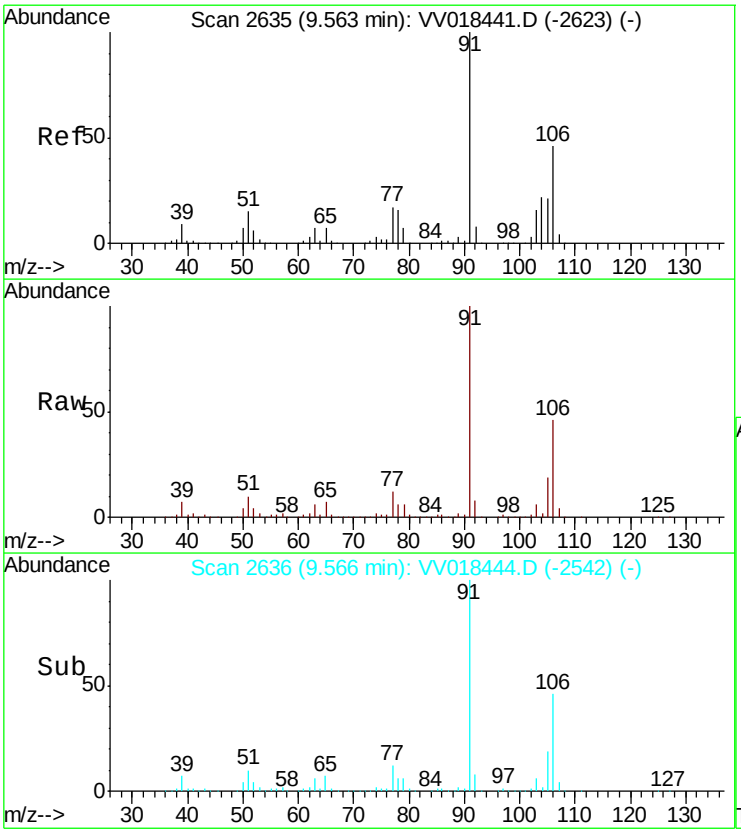
#53
m,p-Xylene
Concen: 48.119 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

Tgt Ion:106 Resp: 909070

Ion	Ratio	Lower	Upper
106	100		
91	200.9	146.7	272.5

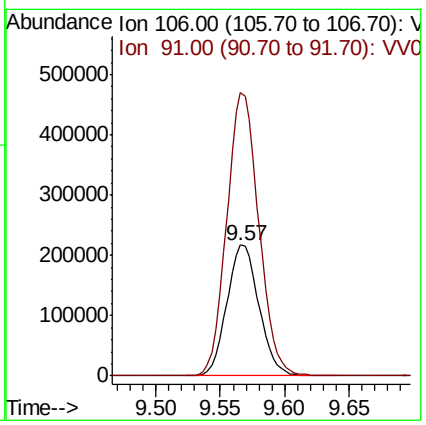


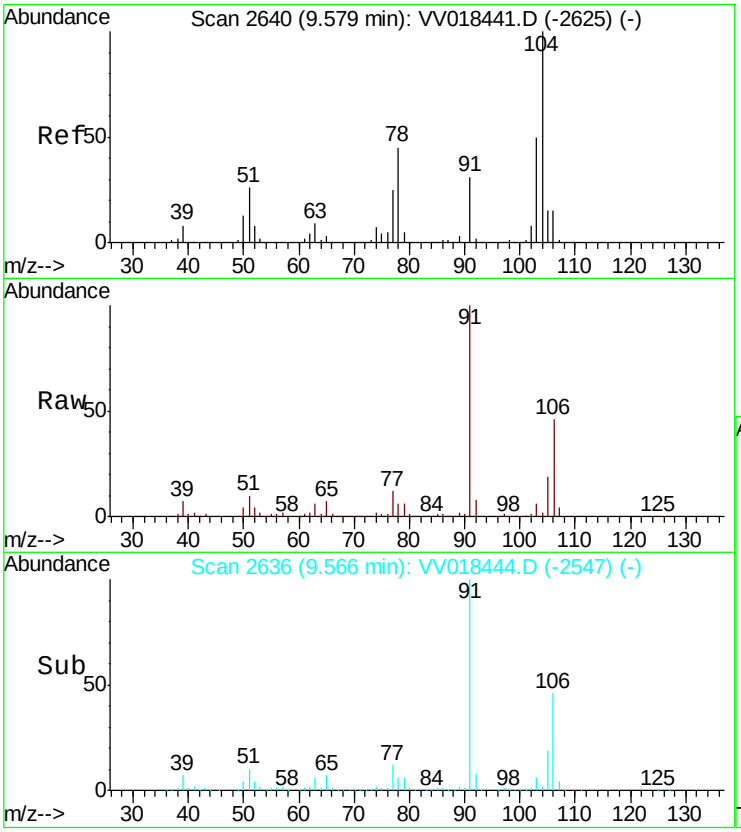


#54
o-xylene
Concen: 20.583 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Tgt Ion:106 Resp: 374622

Ion	Ratio	Lower	Upper
106	100		
91	217.0	152.2	282.6



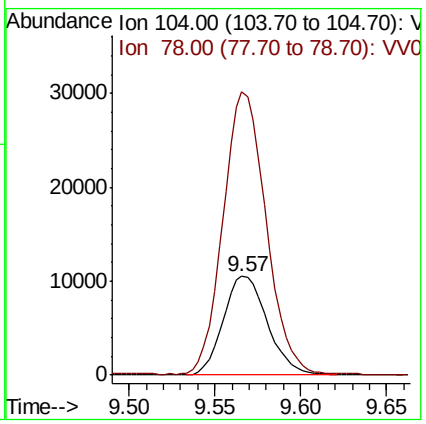


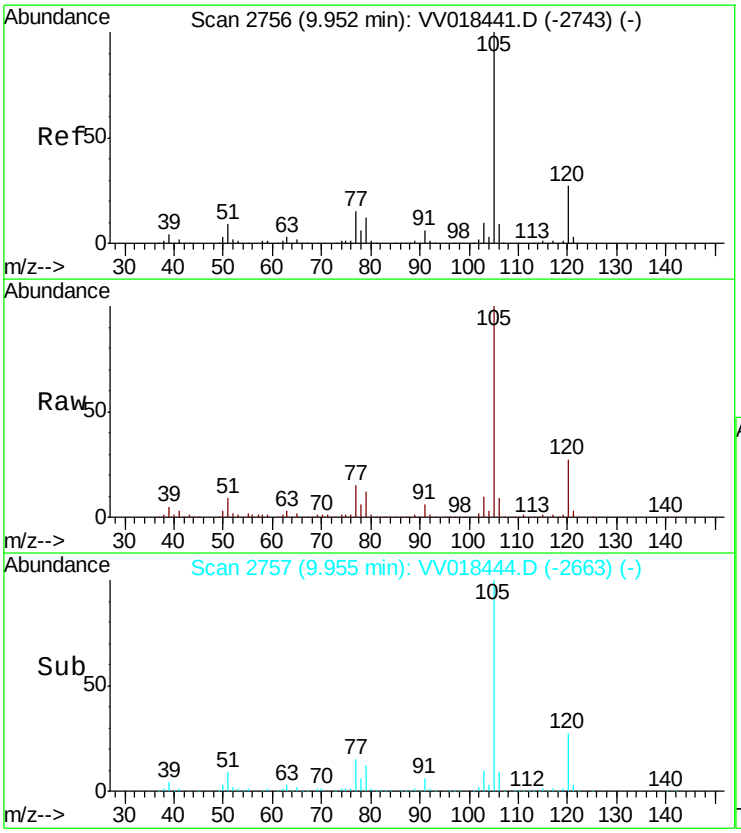
#55
Stvrene
Concen: 0.597 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.01 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

Tgt Ion:104 Resp: 18899

Ion	Ratio	Lower	Upper
104	100		
78	287.2	31.4	58.2#

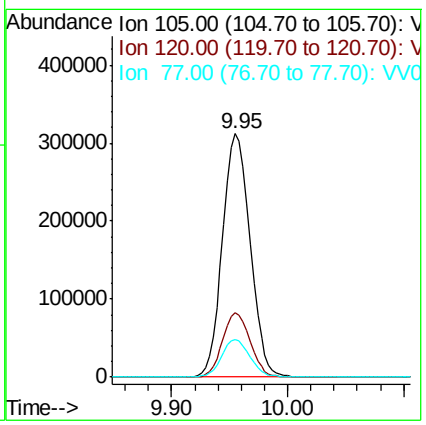


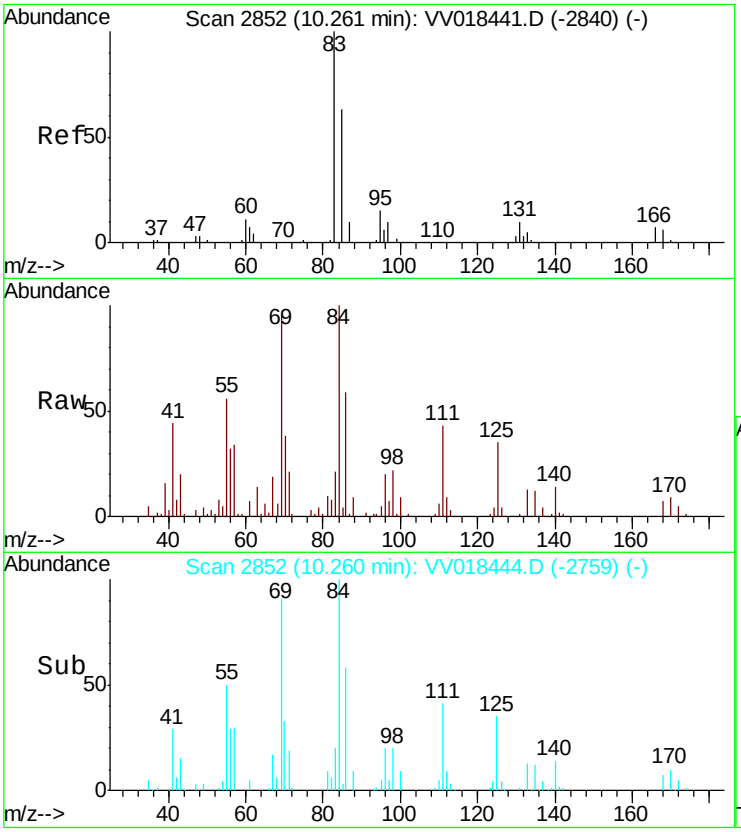


#56
Isopropylbenzene
Concen: 10.495 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Tgt Ion:105 Resp: 514803

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.9	31.3
77	15.8	12.5	18.7



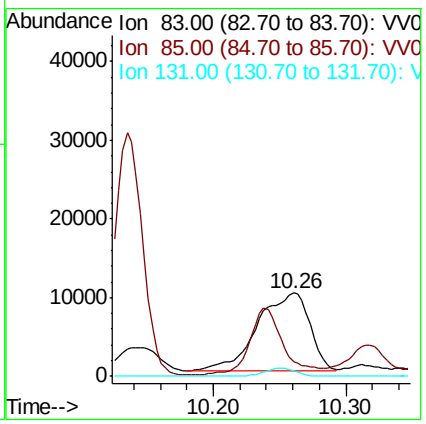


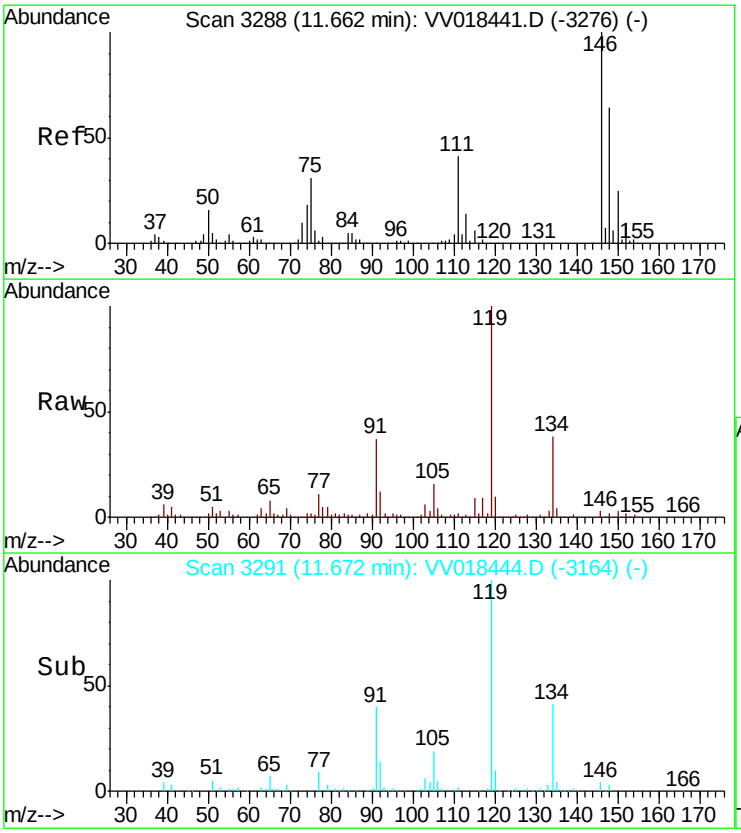
#58
1,1,2,2-Tetrachloroethane
Concen: 1.724 ug/L
RT: 10.26 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

Tgt Ion: 83 Resp: 27434

Ion	Ratio	Lower	Upper
83	100		
85	17.9	45.8	85.2#
131	6.5	8.0	12.0#

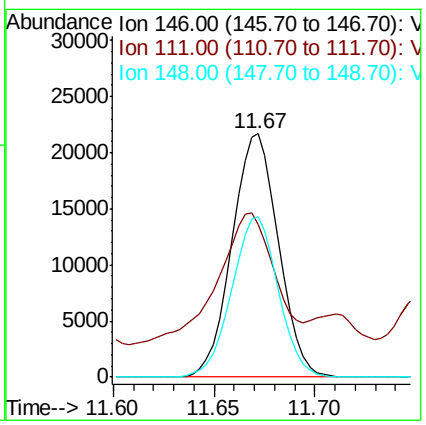


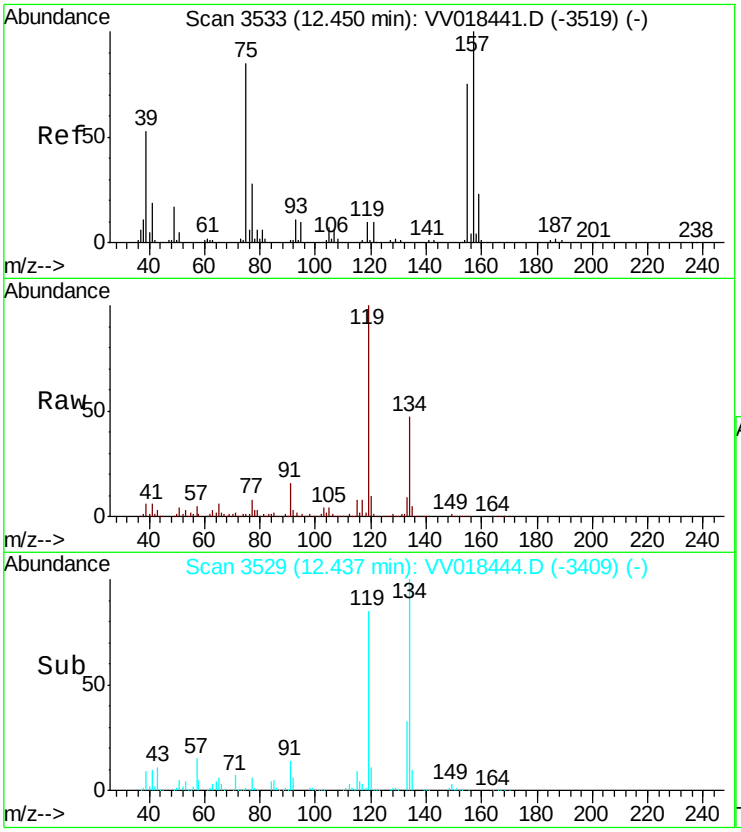


#65
1,2-Dichlorobenzene
Concen: 1.475 ug/L
RT: 11.67 min Scan# 3291
Delta R.T. 0.01 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Tgt Ion:146 Resp: 35015

Ion	Ratio	Lower	Upper
146	100		
111	62.8	32.8	49.2#
148	65.7	50.7	76.1



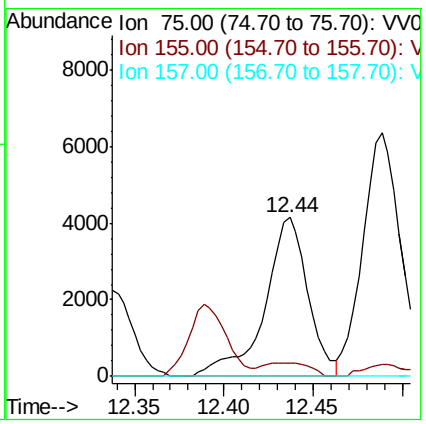


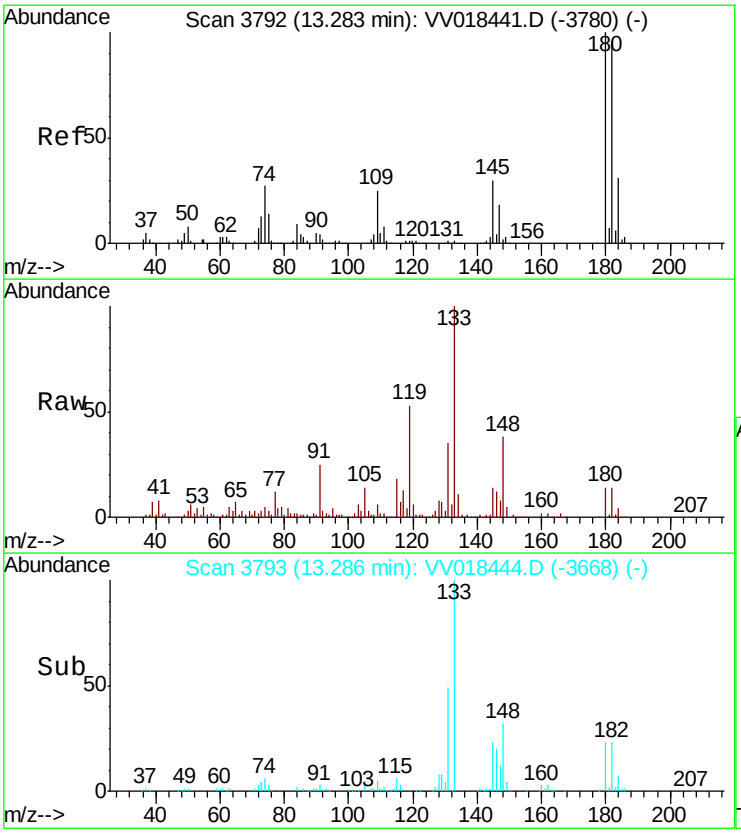
#66
1,2-Dibromo-3-chloropropane
Concen: 2.085 ug/L
RT: 12.44 min Scan# 3529
Delta R.T. -0.01 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

Tgt Ion: 75 Resp: 6985

Ion	Ratio	Lower	Upper
75	100		
155	8.6	69.7	104.5#
157	0.0	88.2	132.4#

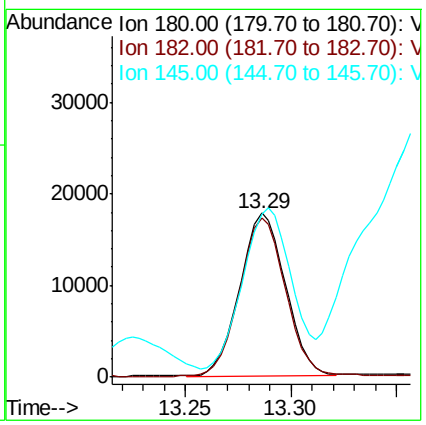


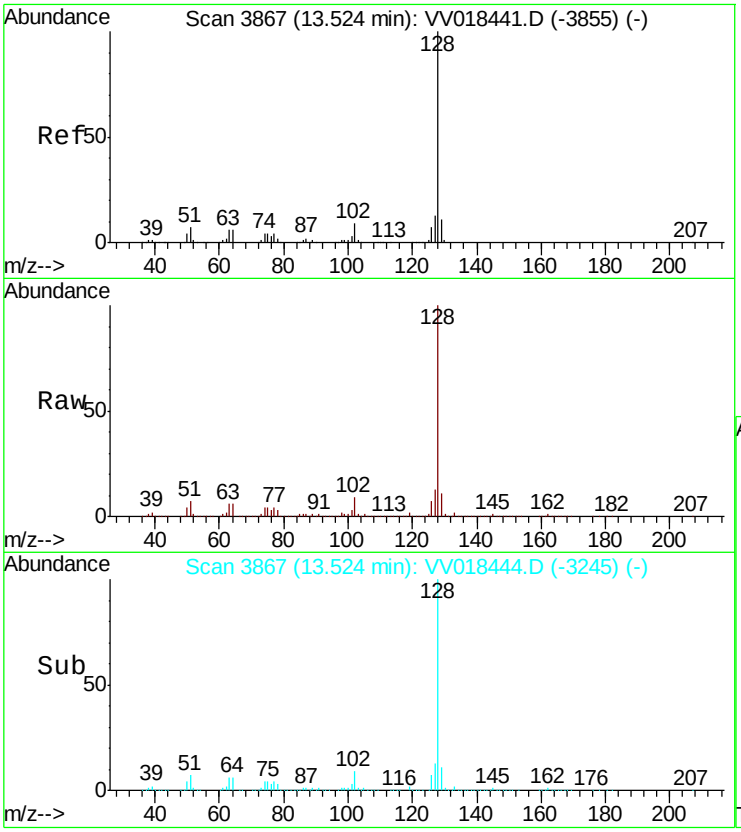


#68
1,2,4-trichlorobenzene
Concen: 1.632 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Tgt Ion:180 Resp: 26919

Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.4	116.2
145	104.3	23.2	34.8#





#69
Naphthalene
Concen: 46.625 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. -0.00 min
Lab File: VV018444.D
Acq: 25 Sep 2020 10:38

Instrument :
MSVOA_V
ClientSampleId :
BG3X1

Tgt Ion:128 Resp: 1945706

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.4	8.6	13.0