Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 30 00:02:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	119083	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112037	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	54855	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24886	3.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.00%			
7) Chloroethane-d5	1.58	69	20476	3.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 61.00%#			
11) 1,1-Dichloroethene-d2	2.12	63	35815	2.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.80%#			
20) 2-Butanone-d5	3.94	46	65668	34.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 69.22%			
24) Chloroform-d	4.37	84	47324	3.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 62.20%#			
26) 1,2-Dichloroethane-d4	5.06	65	26791	3.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.40%#			
32) Benzene-d6	5.07	84	96889	3.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.80%#			
36) 1,2-Dichloropropane-d6	6.09	67	29381	3.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 68.40%			
41) Toluene-d8	7.34	98	89291	3.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.60%#			
45) trans-1,3-Dichloropropene-	7.64	79	10362	3.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.80%			
48) 2-Hexanone-d5	8.12	63	54529	37.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.30%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	20764	3.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 65.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	32600	3.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 71.20%#			
Target Compounds						Qvalue
16) Methylene chloride	2.52	84	1255	0.156	ug/L	97
25) Chloroform	4.41	83	1688	0.109	ug/L	89
29) 1,1,1-Trichloroethane	4.63	97	7094	0.533	ug/L	99
34) Trichloroethene	5.94	95	19697	2.345	ug/L	94
35) Methylcyclohexane	6.15	83	10040	0.709	ug/L	94
37) 1,2-Dichloropropane	6.10	63	3702	0.468	ug/L #	88
42) Toluene	7.41	91	19526	0.555	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	72817	2.275	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	173624	5.267	ug/L	98
46) trans-1,3-Dichloropropene	7.65	75	515	0.055	ug/L #	59
47) 1,1,2-Trichloroethane	7.81	97	2032	0.391	ug/L #	16
49) Tetrachloroethene	8.00	164	13960	2.315	ug/L	98
51) Dibromochloromethane	7.99	129	14253	2.587	ug/L #	10
54) Ethylbenzene	9.03	91	26102	0.666	ug/L	100
55) m,p-xylene	9.16	106	86024	5.854	ug/L	99
56) o-xylene	9.56	106	30929	2.208	ug/L	99
57) Styrene	9.58	104	56951	2.444	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 30 00:02:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Isopropylbenzene	9.96	105	4482	0.117	ug/L #	89
70) Naphthalene	13.53	128	2673700	117.643	ug/L	100

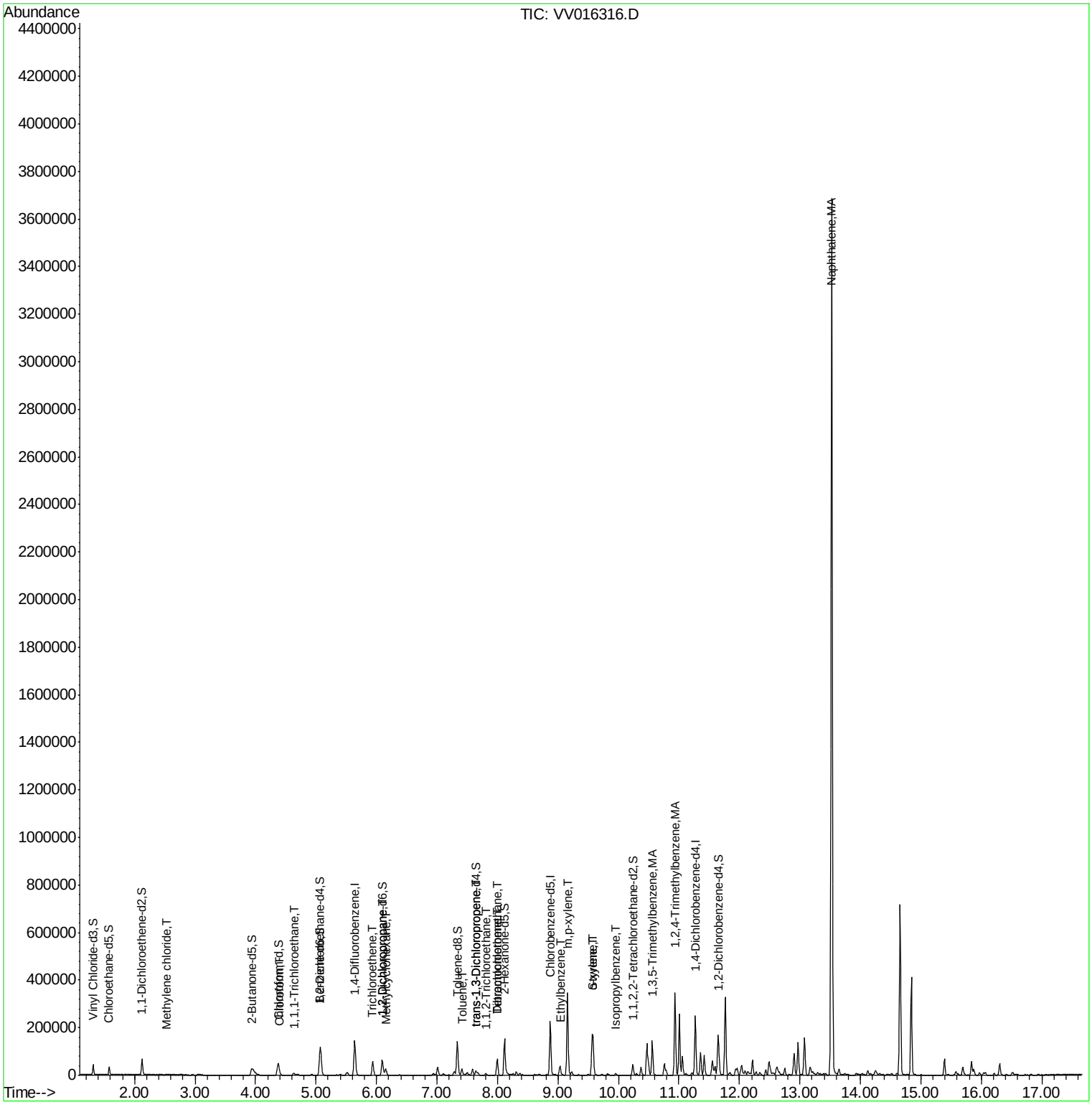
(#) = qualifier out of range (m) = manual integration (+) = signals summed

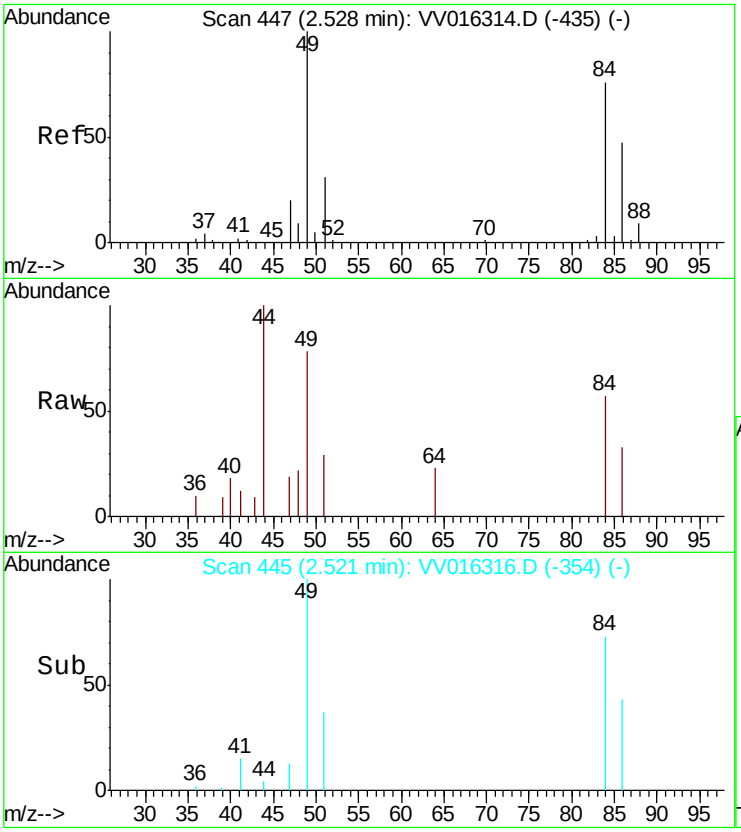
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016316.D
Acq On : 29 May 2020 15:32
Operator : SY/MD
Sample : L2756-08DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 30 00:02:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration



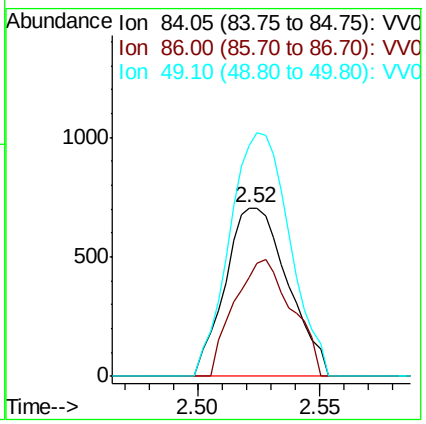


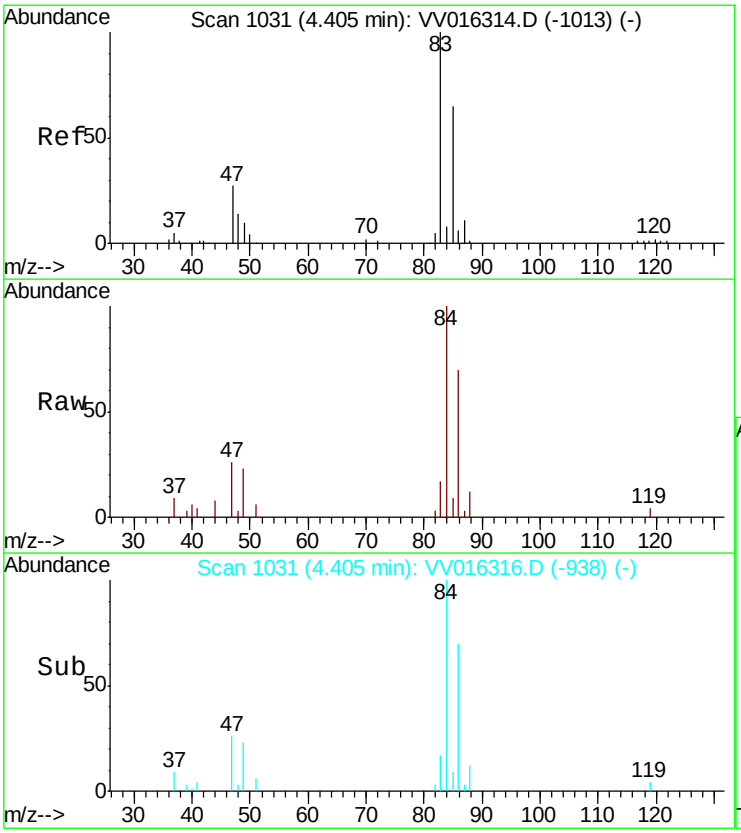
#16
Methylene chloride
Concen: 0.156 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.01 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1255

Ion	Ratio	Lower	Upper
84	100		
86	58.4	44.9	83.5
49	137.1	96.7	179.7

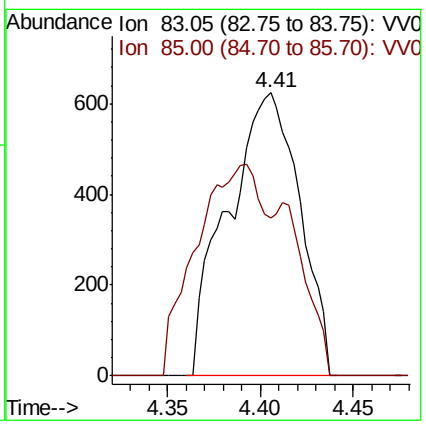


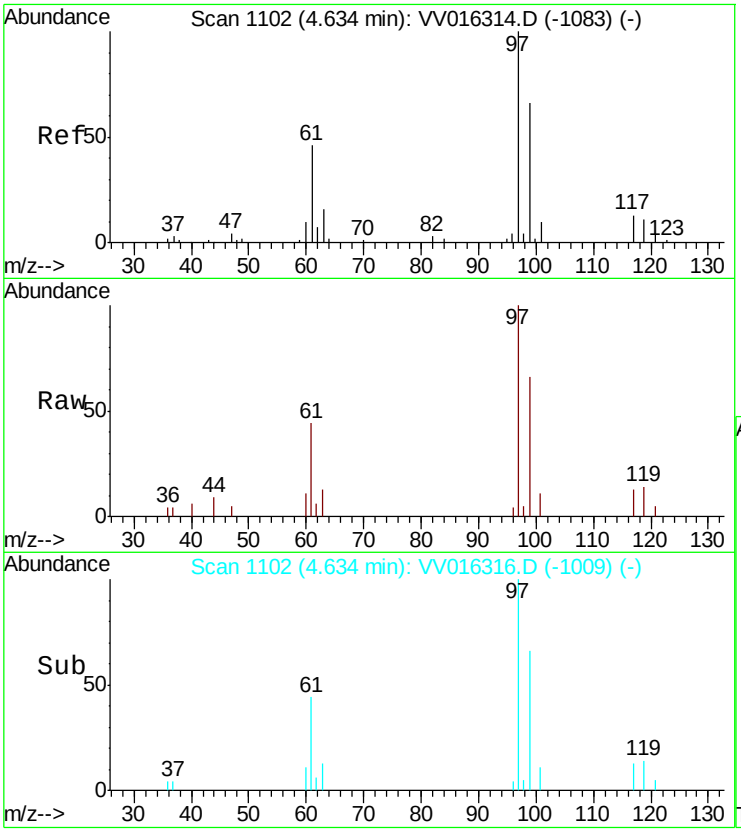


#25
Chloroform
Concen: 0.109 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion: 83 Resp: 1688

Ion	Ratio	Lower	Upper
83	100		
85	55.6	45.1	83.7



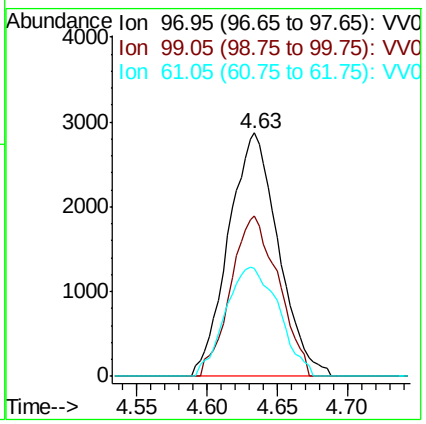


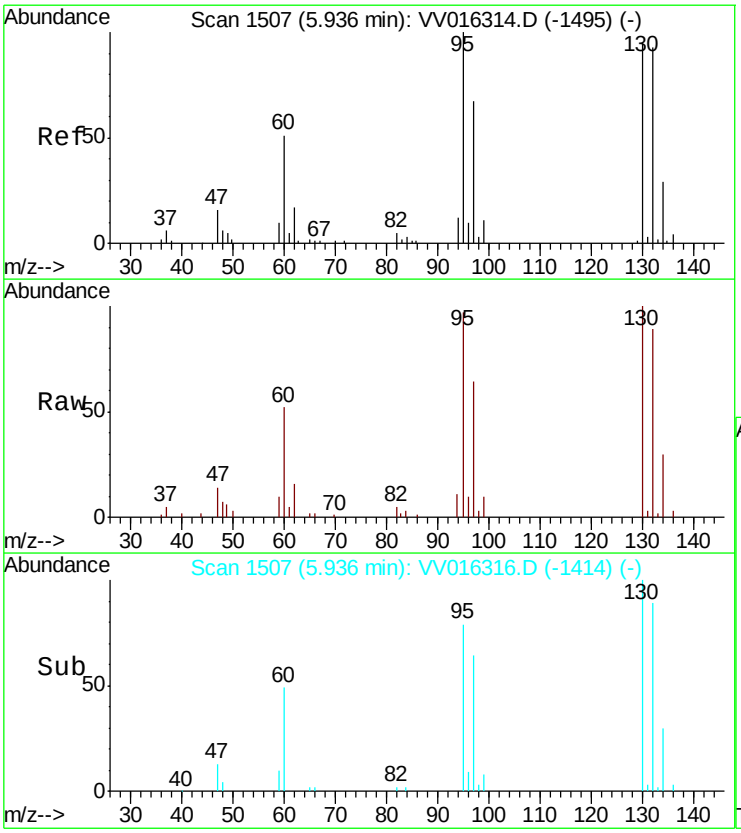
#29
1,1,1-Trichloroethane
Concen: 0.533 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 7094

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.2	76.8
61	47.9	38.6	57.8

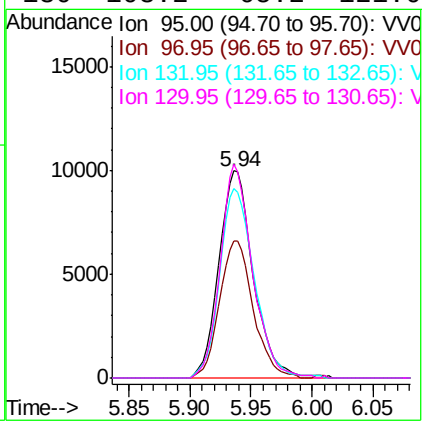


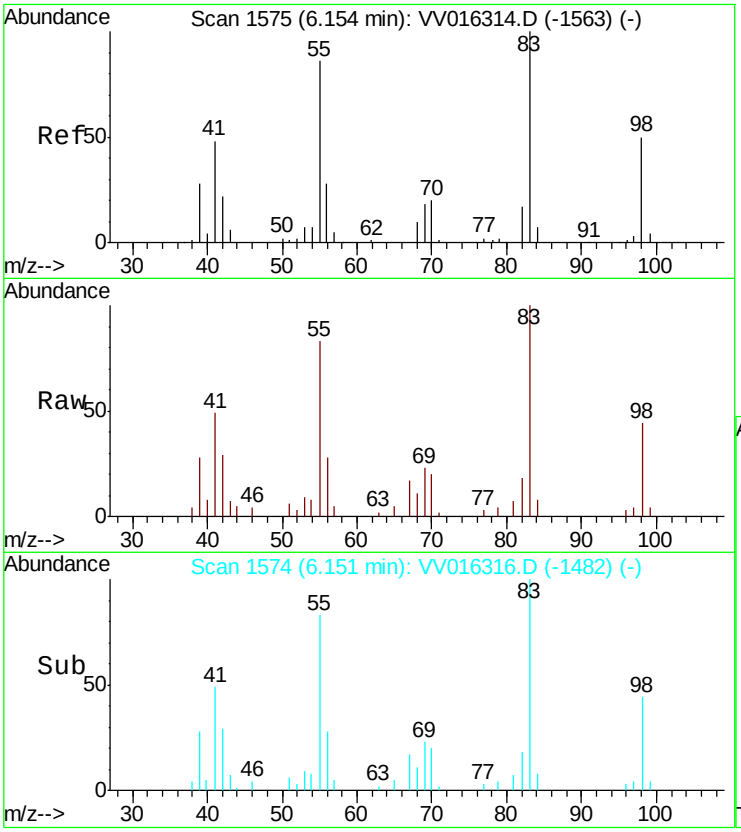


#34
Trichloroethene
Concen: 2.345 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion: 95 Resp: 19697

Ion	Ratio	Lower	Upper
95	100		
97	66.5	43.6	81.0
132	91.7	63.9	118.7
130	103.2	65.2	121.0



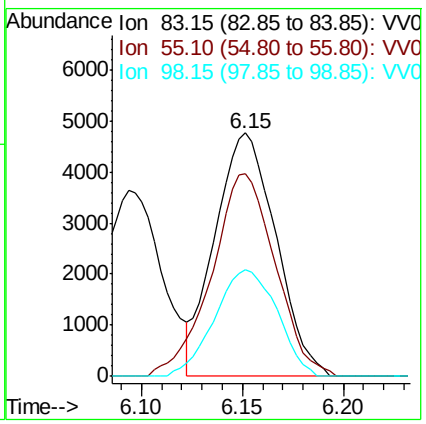


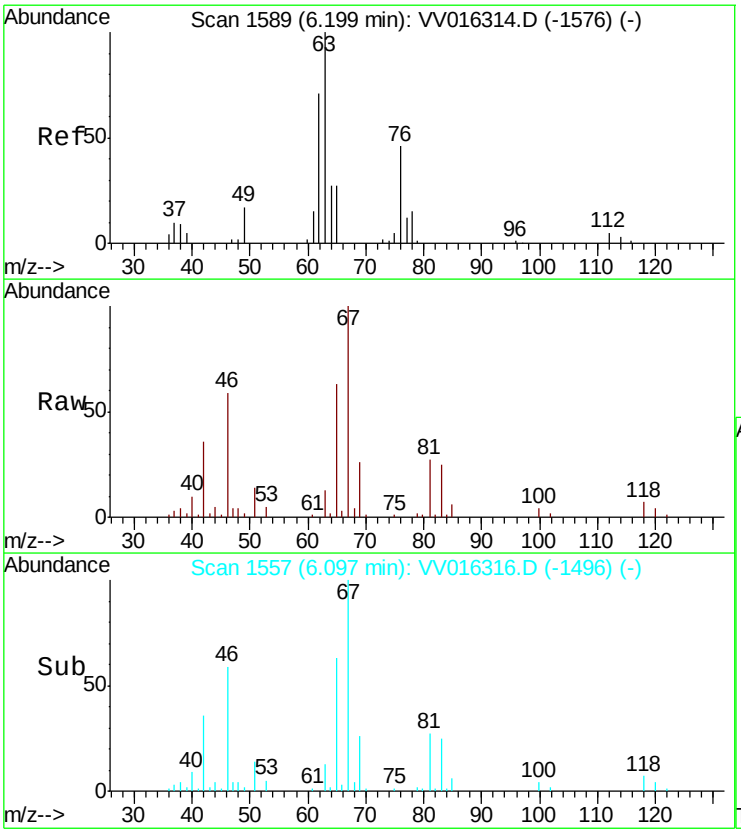
#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10040

Ion	Ratio	Lower	Upper
83	100		
55	86.7	65.4	98.0
98	44.8	39.3	58.9

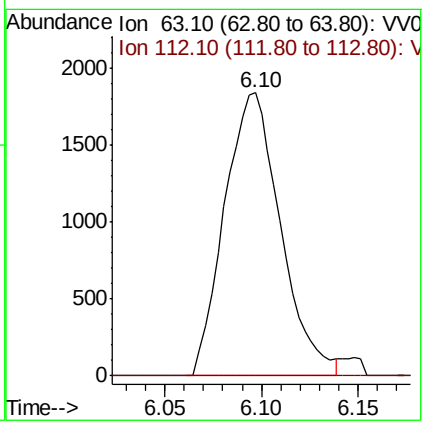


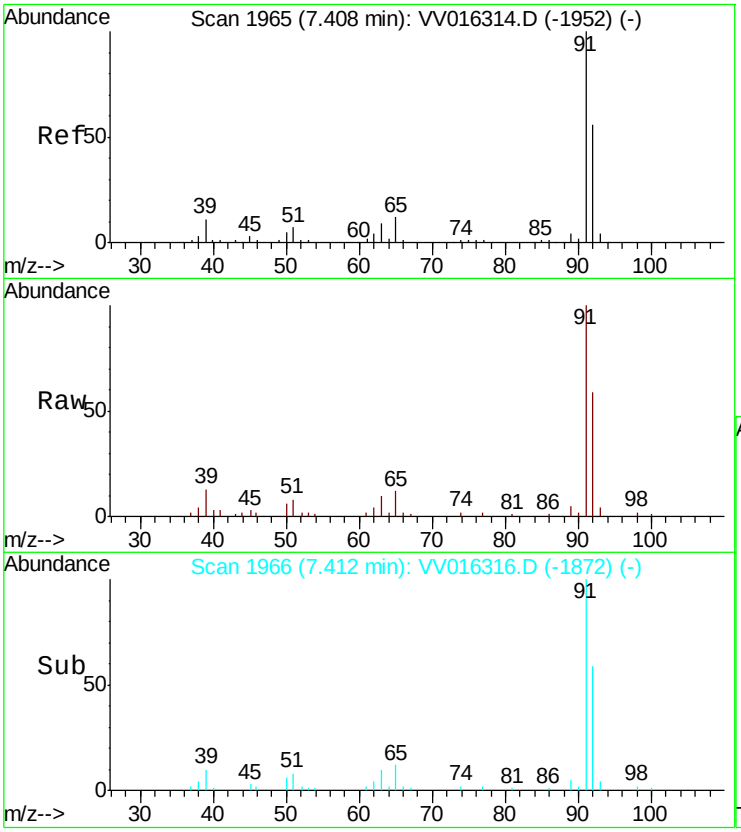


#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion: 63 Resp: 3702

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



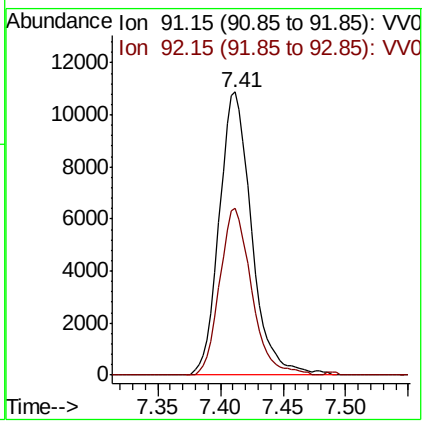


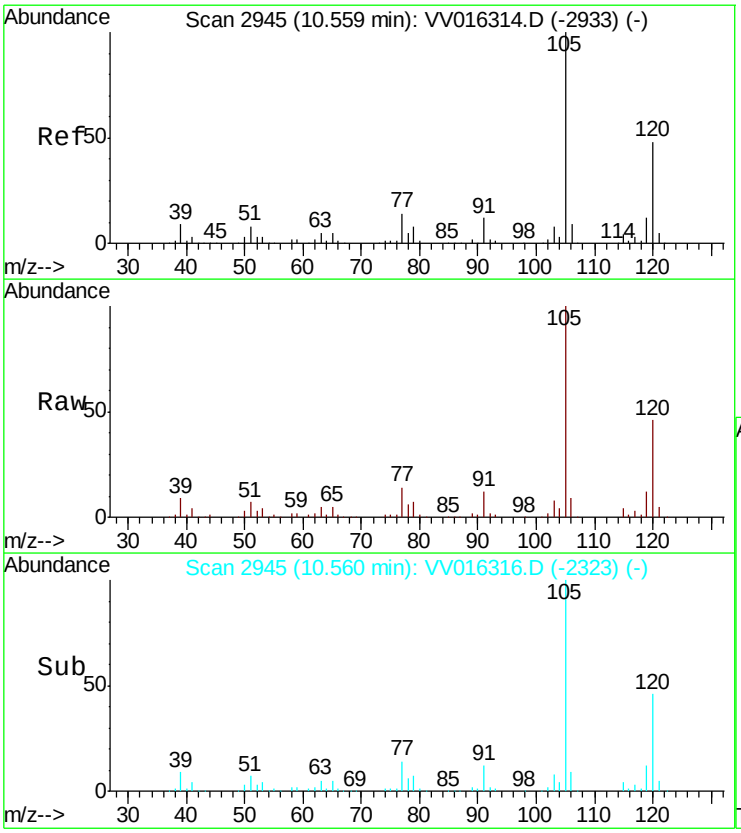
#42
Toluene
Concen: 0.555 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 19526

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.9	76.0

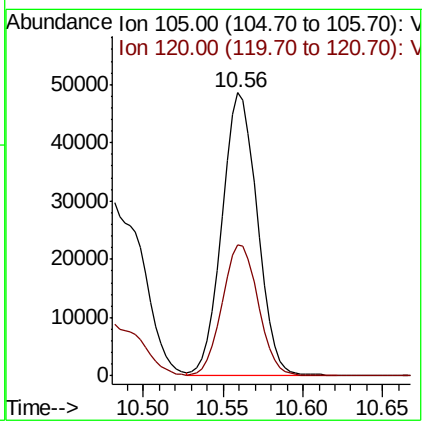


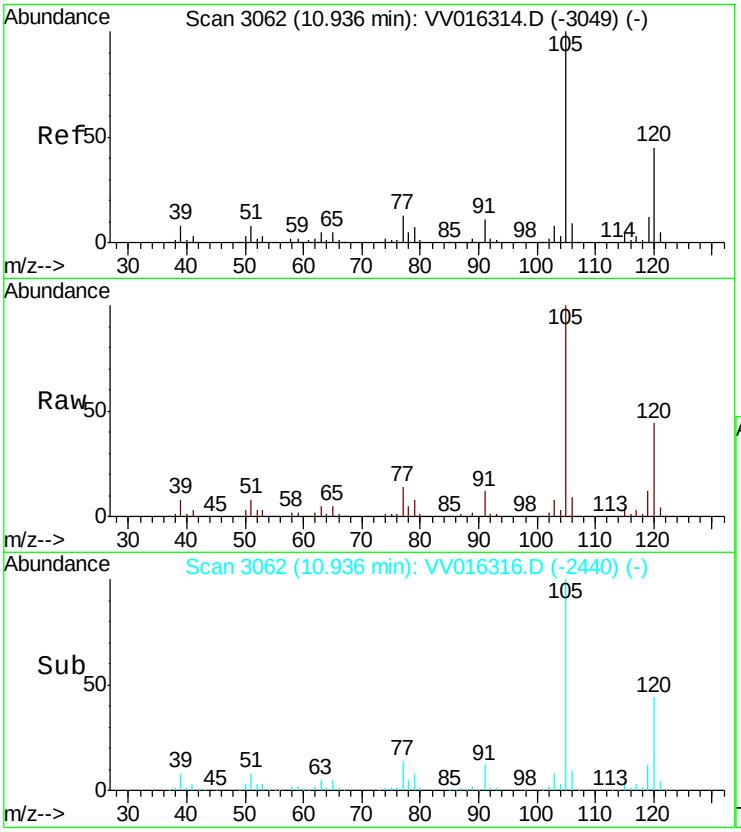


#43
1,3,5-Trimethylbenzene
Concen: 2.275 ug/L
RT: 10.56 min Scan# 2945
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion:105 Resp: 72817

Ion	Ratio	Lower	Upper
105	100		
120	46.9	37.4	56.0



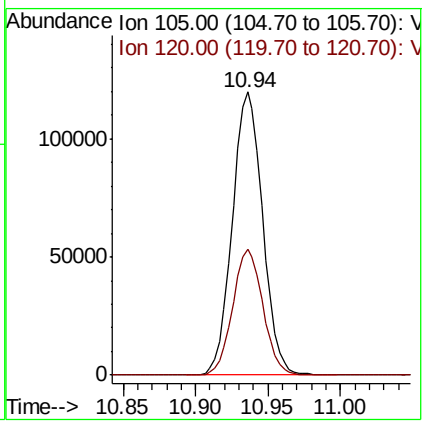


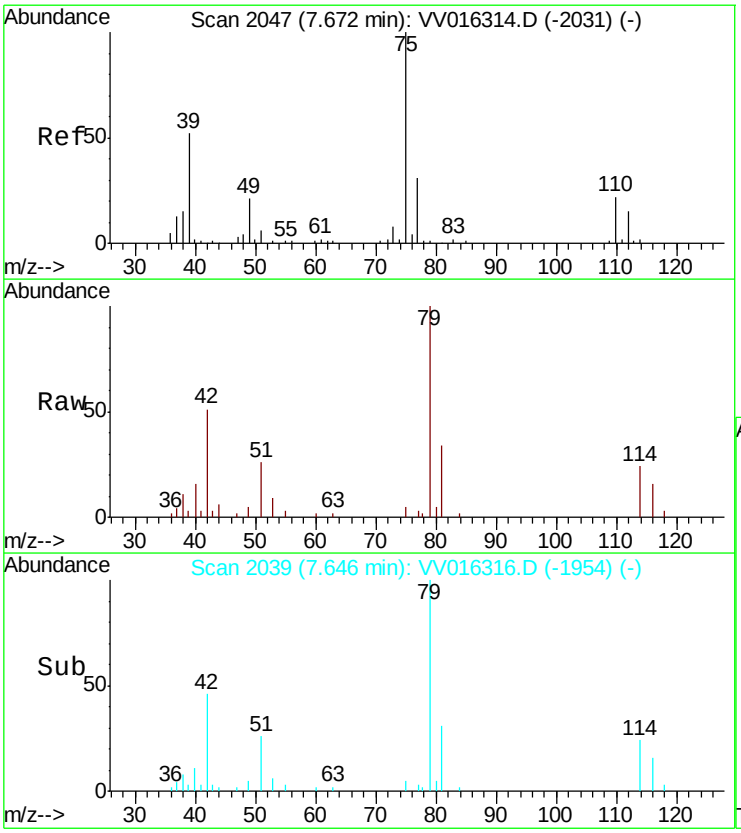
#44
1,2,4-Trimethylbenzene
Concen: 5.267 ug/L
RT: 10.94 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 173624

Ion	Ratio	Lower	Upper
105	100		
120	44.3	34.6	52.0

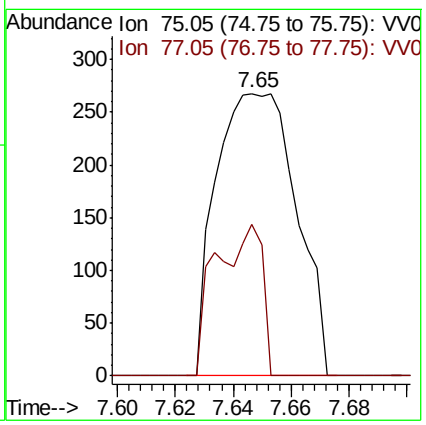


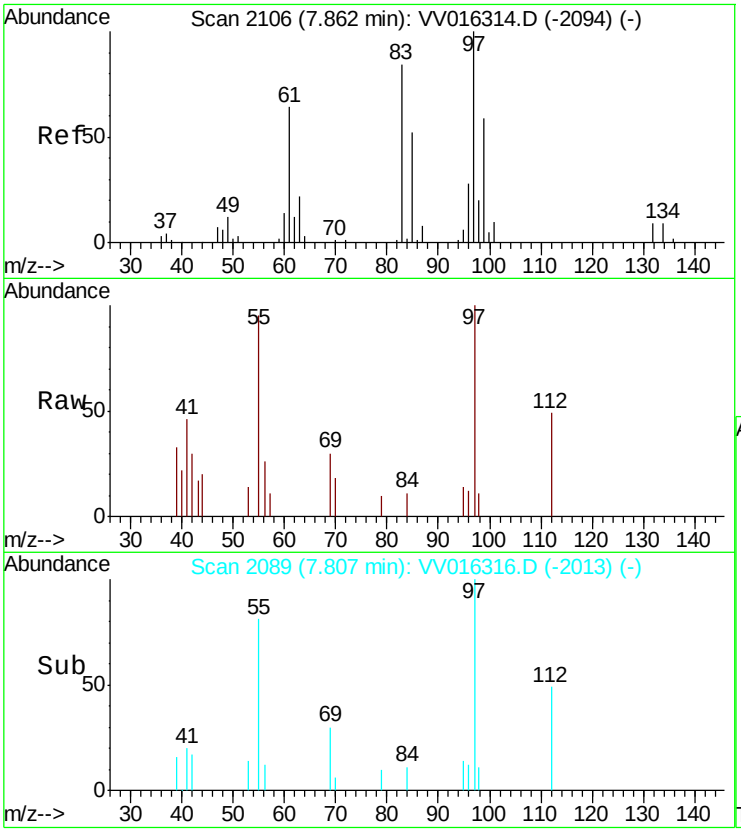


#46
trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion: 75 Resp: 515

Ion	Ratio	Lower	Upper
75	100		
77	53.7	21.7	40.3#



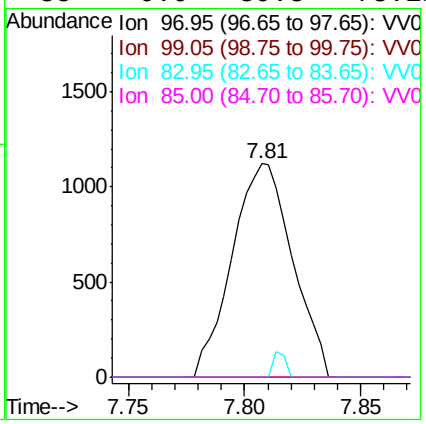


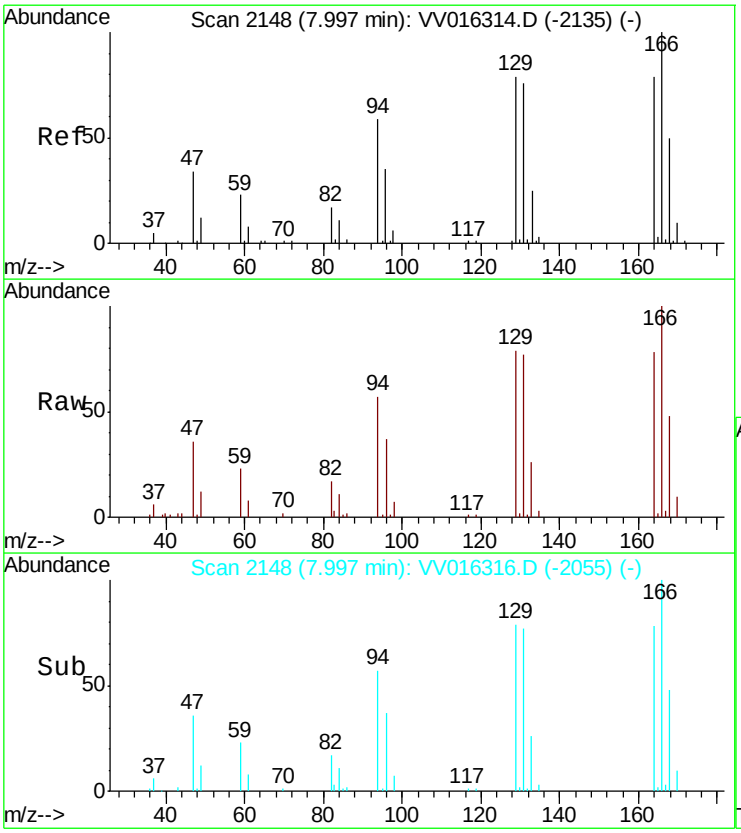
#47
1,1,2-Trichloroethane
Concen: 0.391 ug/L
RT: 7.81 min Scan# 2089
Delta R.T. -0.05 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 2032

Ion	Ratio	Lower	Upper
97	100		
99	0.0	40.8	75.8#
83	0.0	60.0	111.4#
85	0.0	39.3	73.1#

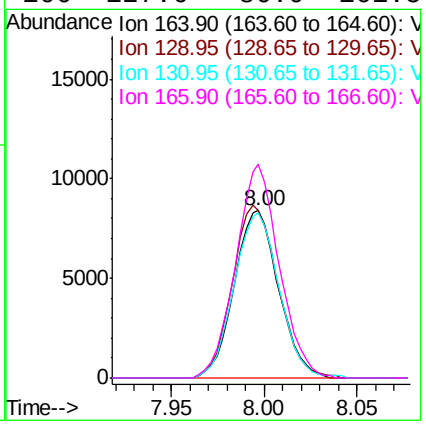


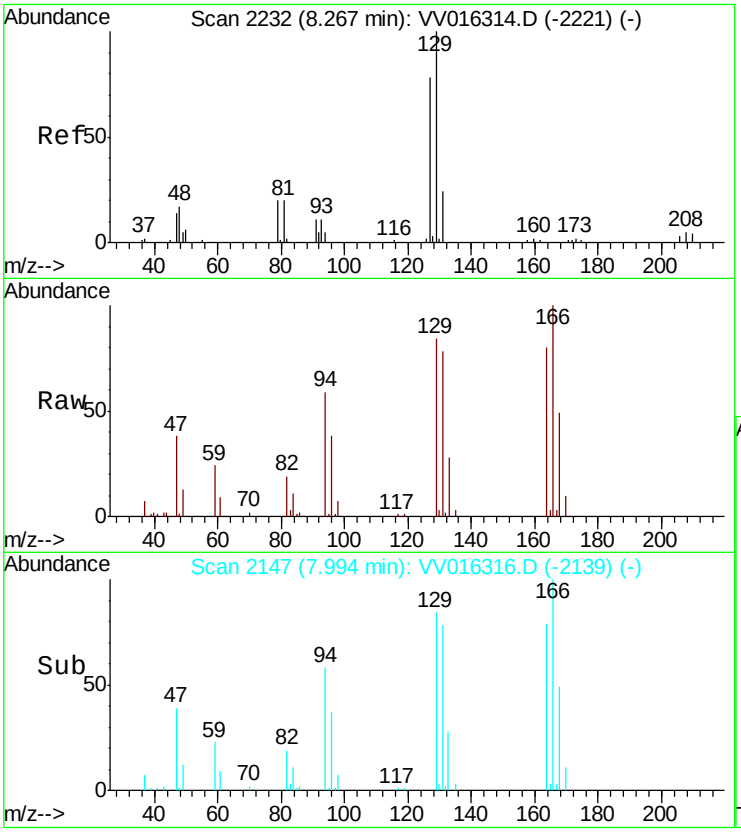


#49
Tetrachloroethene
Concen: 2.315 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion:164 Resp: 13960

Ion	Ratio	Lower	Upper
164	100		
129	100.3	70.7	131.3
131	98.4	66.6	123.8
166	127.6	86.9	161.5



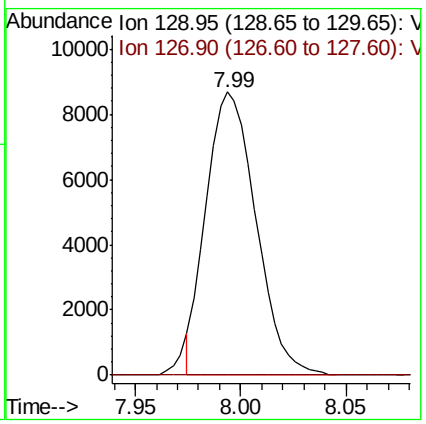


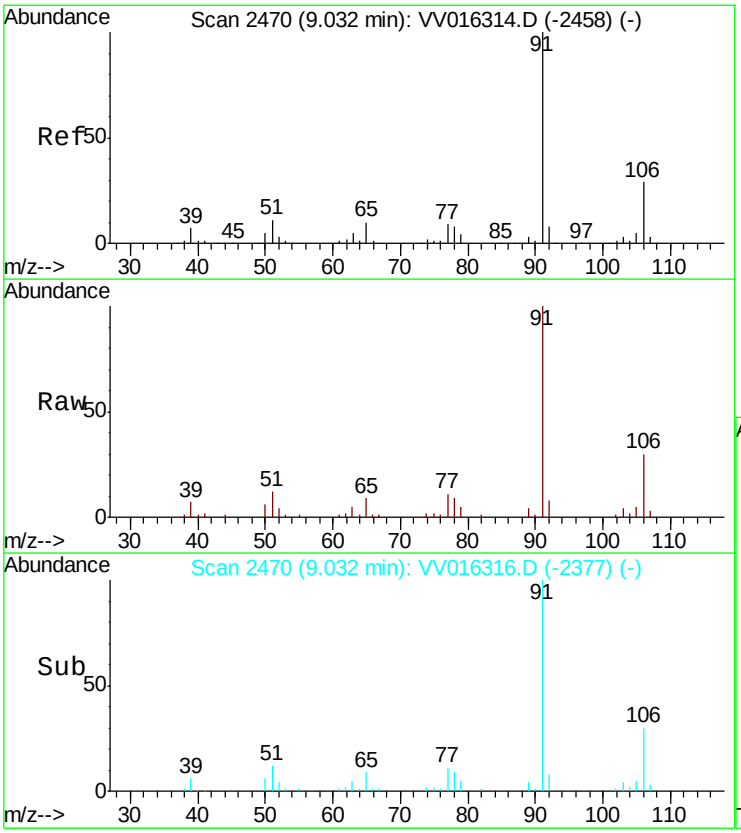
#51
Dibromochloromethane
Concen: 2.587 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 14253

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#

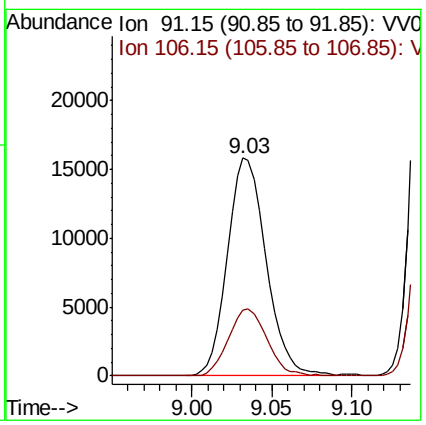


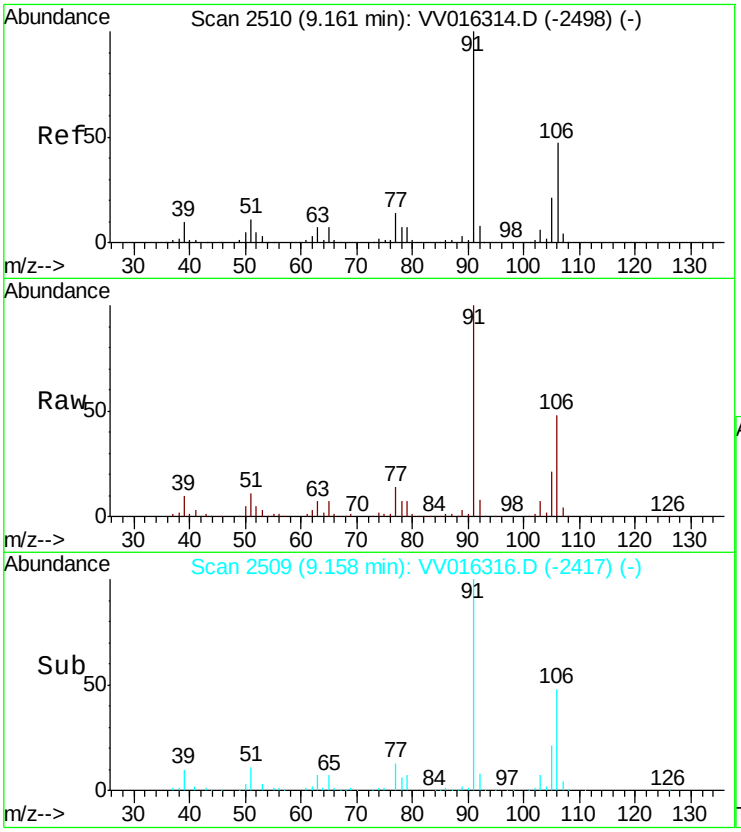


#54
Ethylbenzene
Concen: 0.666 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion: 91 Resp: 26102

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.0	39.0



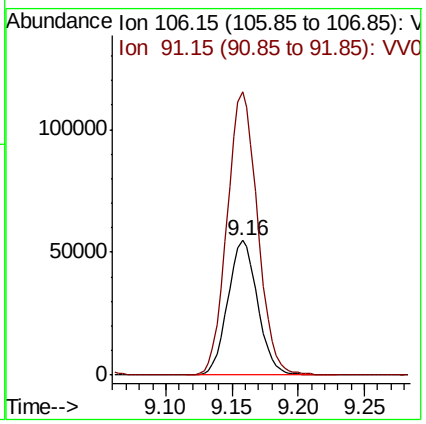


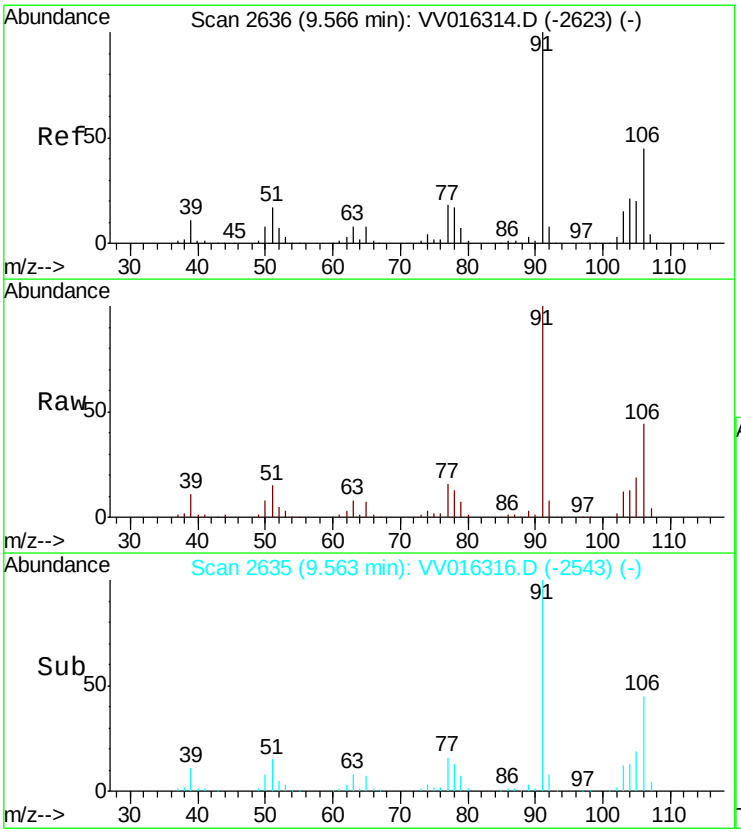
#55
m,p-xylene
Concen: 5.854 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 86024

Ion	Ratio	Lower	Upper
106	100		
91	210.3	148.1	275.0

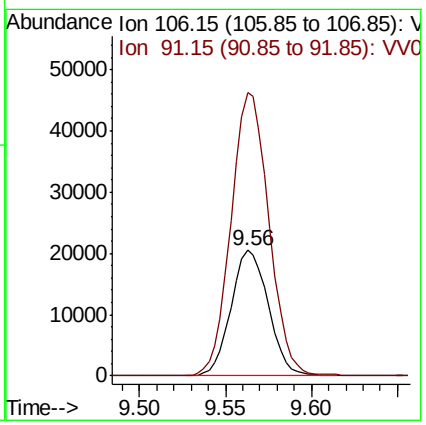


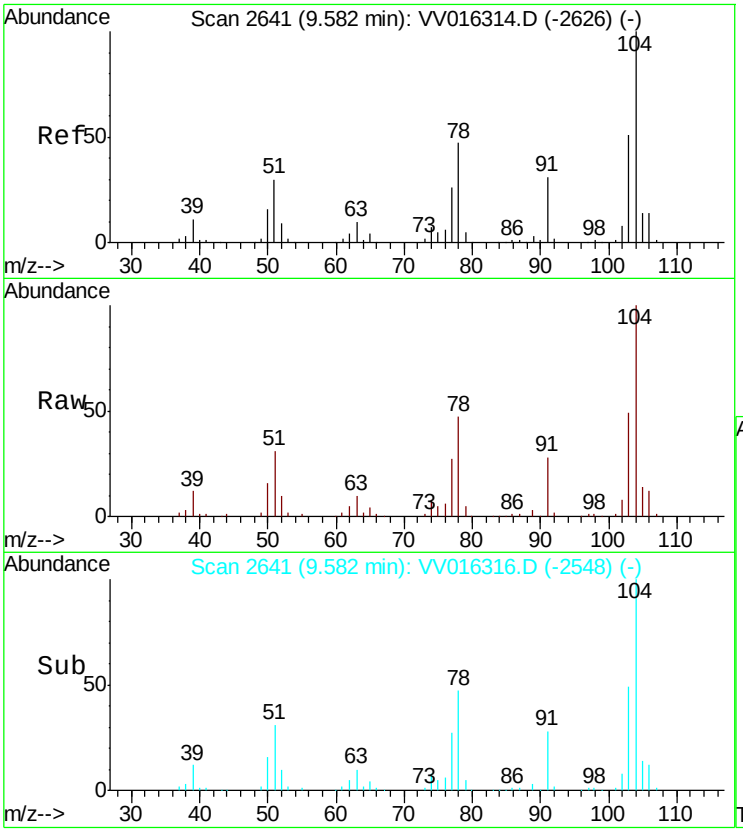


#56
o-xylene
Concen: 2.208 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion:106 Resp: 30929

Ion	Ratio	Lower	Upper
106	100		
91	225.0	158.8	294.8



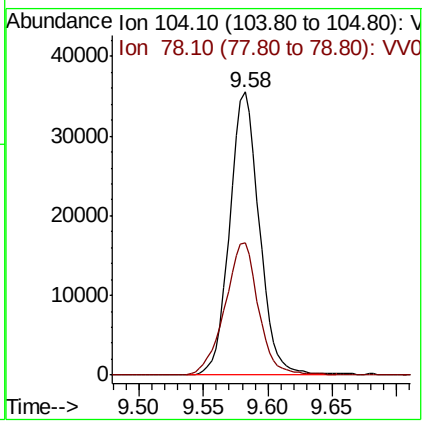


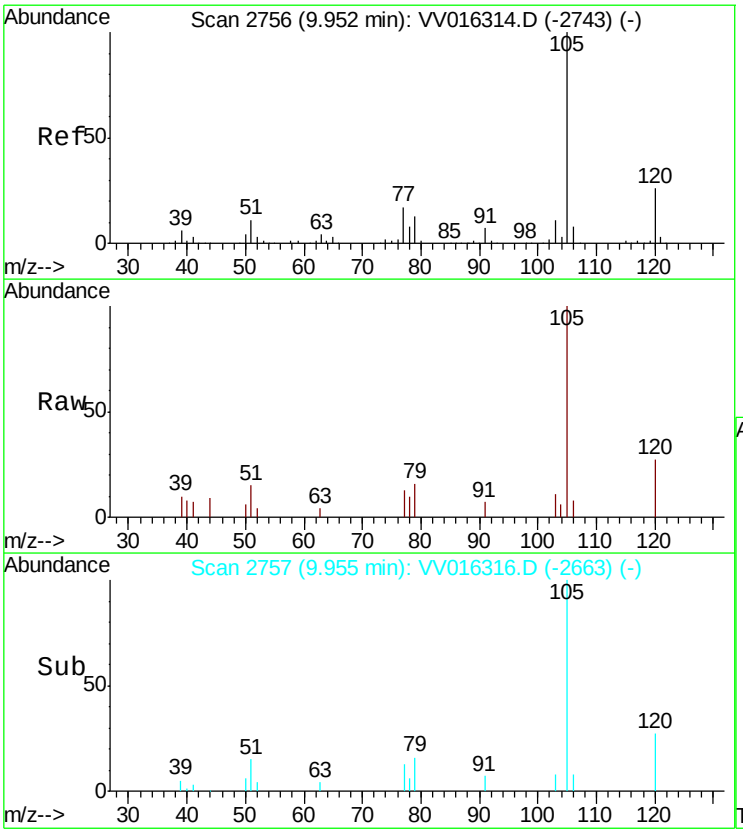
#57
Stvrene
Concen: 2.444 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 56951

Ion	Ratio	Lower	Upper
104	100		
78	46.8	33.2	61.7

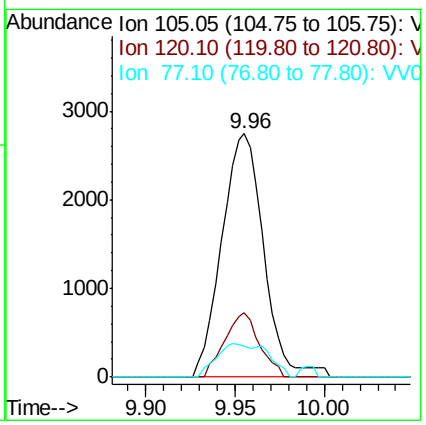


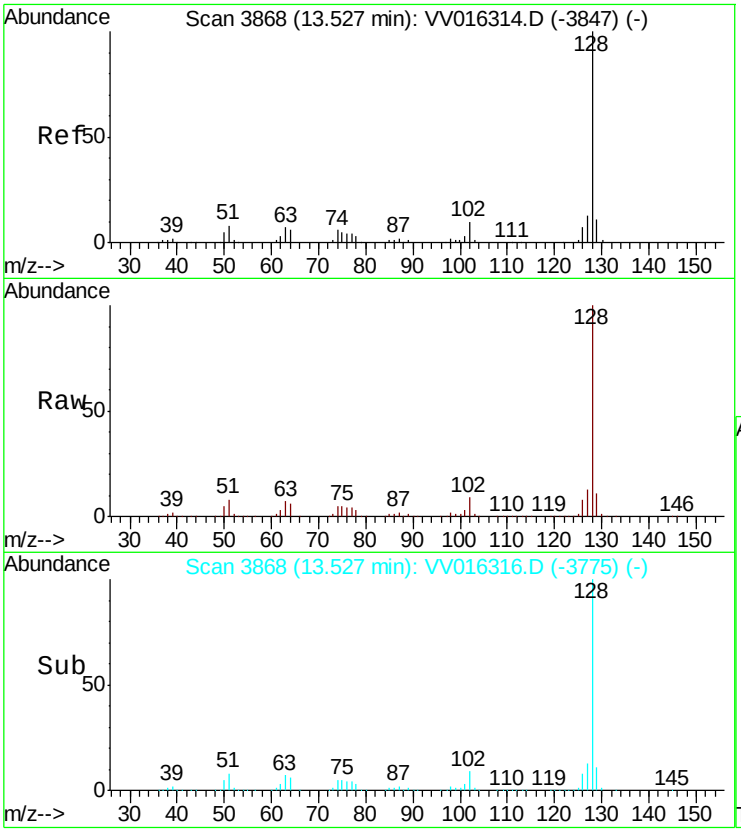


#58
Isopropylbenzene
Concen: 0.117 ug/L
RT: 9.96 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Tgt Ion:105 Resp: 4482

Ion	Ratio	Lower	Upper
105	100		
120	22.0	20.9	31.3
77	10.8	13.9	20.9#





#70
Naphthalene
Concen: 117.643 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016316.D
Acq: 29 May 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2673700

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.6	15.8