Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\
Data File : VV016247.D
Acq On : 27 May 2020 23:22
Operator : SY/MD
Sample : L2766-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 28 06:33:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	80870	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	79730	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39501	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24770	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.58	69	23167	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.13	63	36402	3.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.60%			
20) 2-Butanone-d5	3.94	46	73165	56.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.58%			
24) Chloroform-d	4.38	84	51929	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.06	65	27841	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.08	84	101387	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
36) 1,2-Dichloropropane-d6	6.10	67	31655	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.34	98	89291	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
45) trans-1,3-Dichloropropene-	7.65	79	10100	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
48) 2-Hexanone-d5	8.12	63	50283	48.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.28%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22627	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	34834	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	4304	1.088	ug/L #	70
13) Acetone	2.22	43	2080	2.608	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	7728	0.658	ug/L #	47
25) Chloroform	4.41	83	2546	0.243	ug/L	98
27) 1,2-Dichloroethane	5.13	62	32364	4.717	ug/L #	79
30) Cyclohexane	4.70	56	4860	0.479	ug/L	97
33) Benzene	5.13	78	3312787	144.388	ug/L	100
35) Methylcyclohexane	6.15	83	2849	0.283	ug/L #	73
37) 1,2-Dichloropropane	6.10	63	3769	0.670	ug/L #	93
39) cis-1,3-Dichloropropene	7.01	75	868	0.109	ug/L #	57
42) Toluene	7.41	91	32662	1.305	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	52000	2.283	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	180487	7.693	ug/L	99
46) trans-1,3-Dichloropropene	7.64	75	506	0.076	ug/L #	69
53) Chlorobenzene	8.90	112	348612	22.548	ug/L	99
54) Ethylbenzene	9.04	91	110952	3.978	ug/L	98
55) m,p-xylene	9.16	106	913799	87.377	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\
Data File : VV016247.D
Acq On : 27 May 2020 23:22
Operator : SY/MD
Sample : L2766-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 28 06:33:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) o-xylene	9.57	106	378137	37.942	ug/L		99
57) Styrene	9.57	104	18292	1.103	ug/L	#	1
58) Isopropylbenzene	9.95	105	65031	2.382	ug/L		98
63) 1,3-Dichlorobenzene	11.21	146	1419	0.118	ug/L		95
64) 1,4-Dichlorobenzene	11.30	146	19757	1.613	ug/L		96
66) 1,2-Dichlorobenzene	11.67	146	5109	0.469	ug/L		98
70) Naphthalene	13.53	128	20267	1.238	ug/L		99

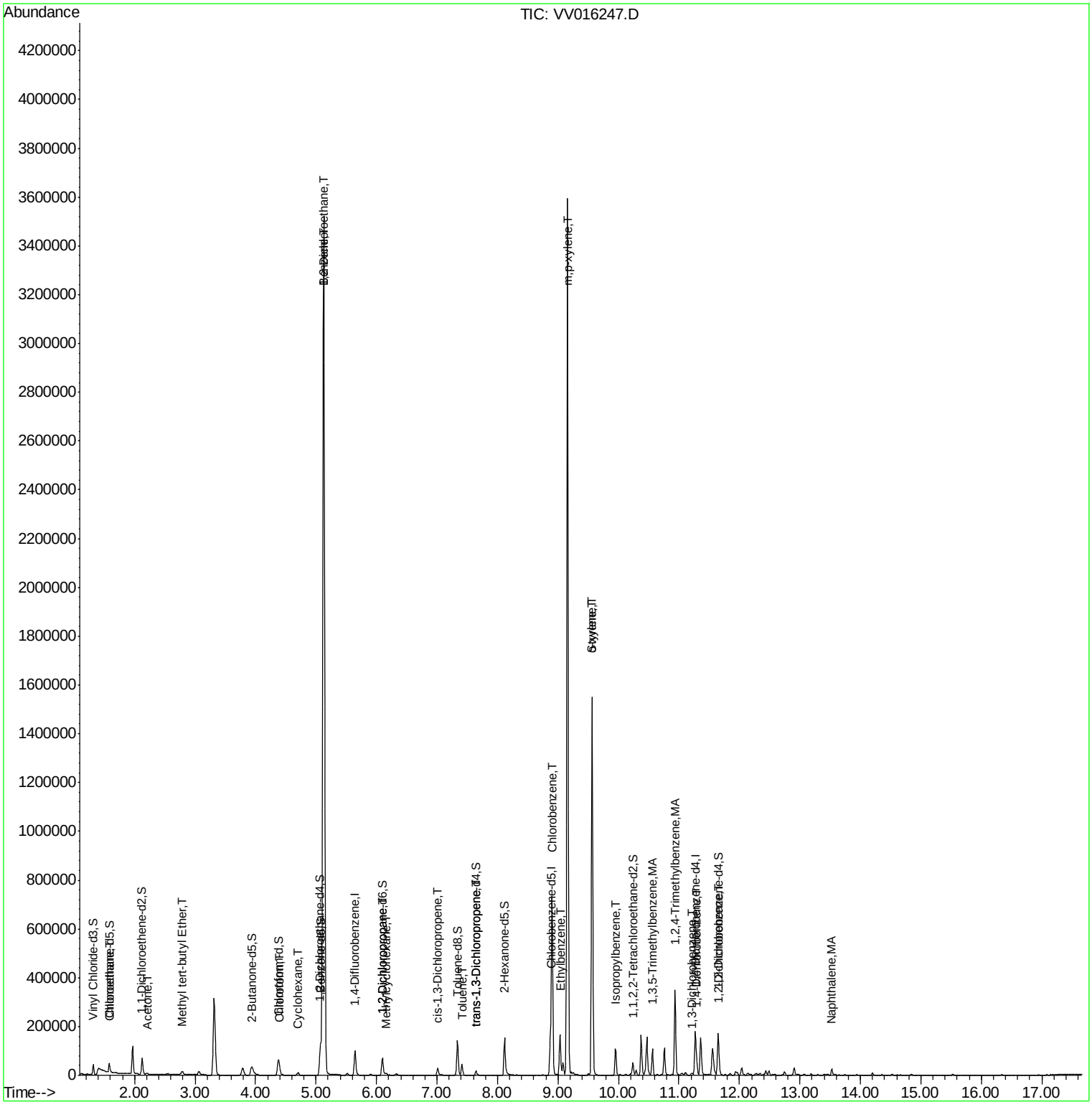
(#) = qualifier out of range (m) = manual integration (+) = signals summed

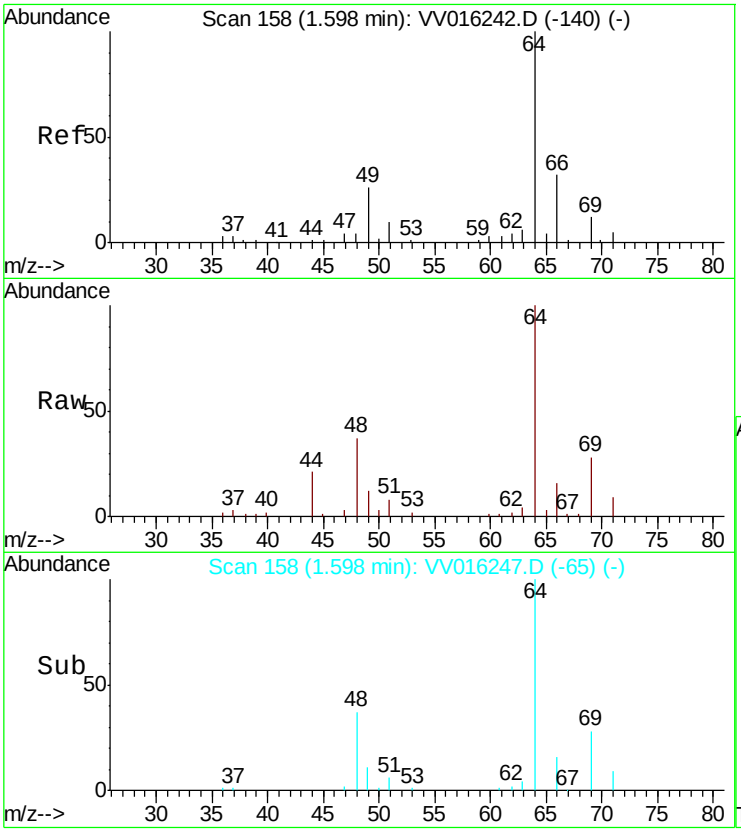
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\
Data File : VV016247.D
Acq On : 27 May 2020 23:22
Operator : SY/MD
Sample : L2766-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 28 06:33:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration



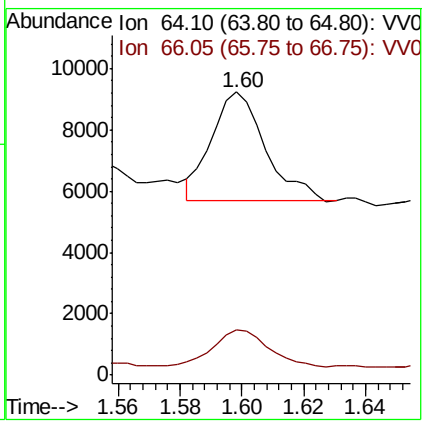


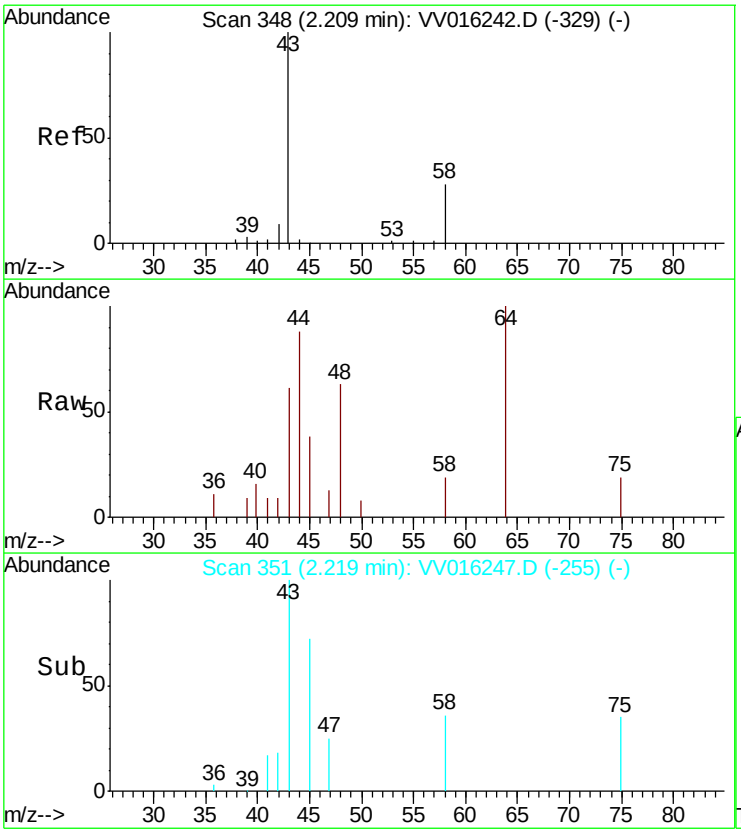
#8
Chloroethane
Concen: 1.088 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 4304

Ion	Ratio	Lower	Upper
64	100		
66	16.1	22.9	42.5#

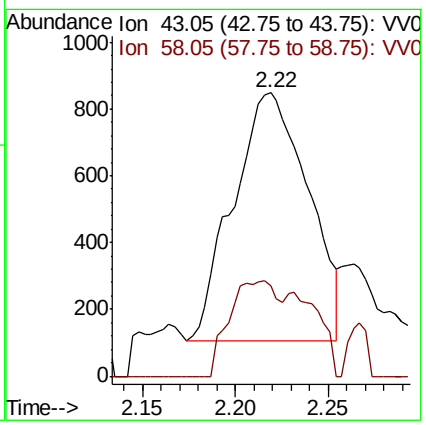


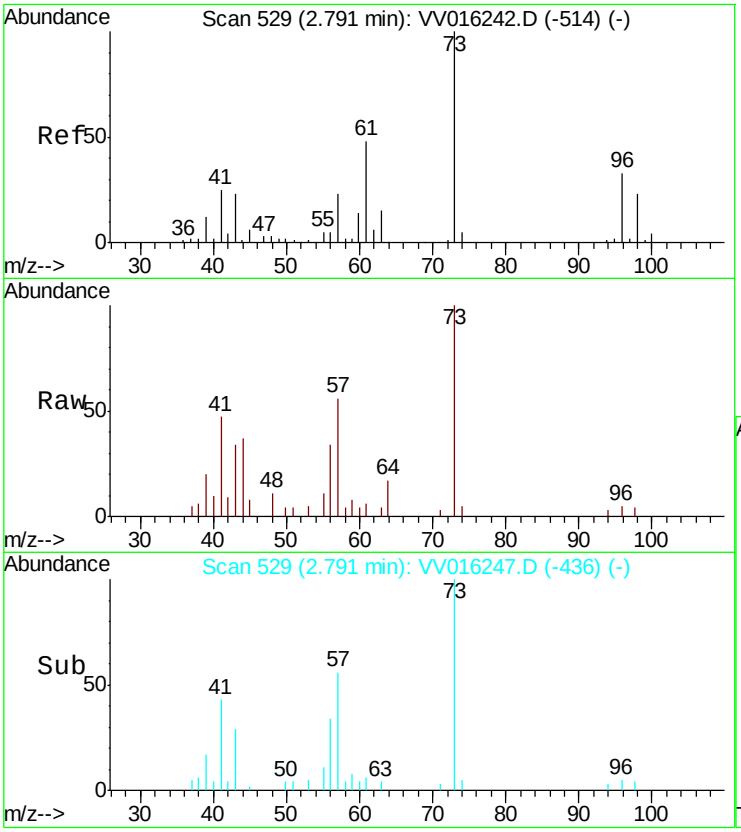


#13
Acetone
Concen: 2.608 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.01 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion: 43 Resp: 2080

Ion	Ratio	Lower	Upper
43	100		
58	25.5	0.0	48.8



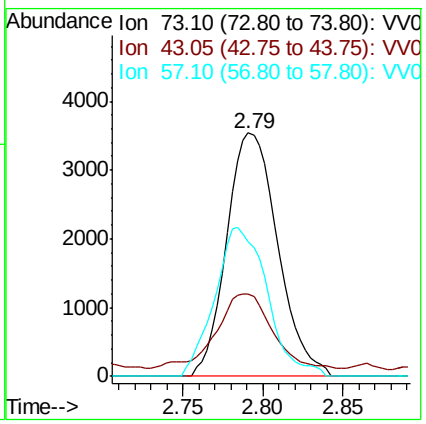


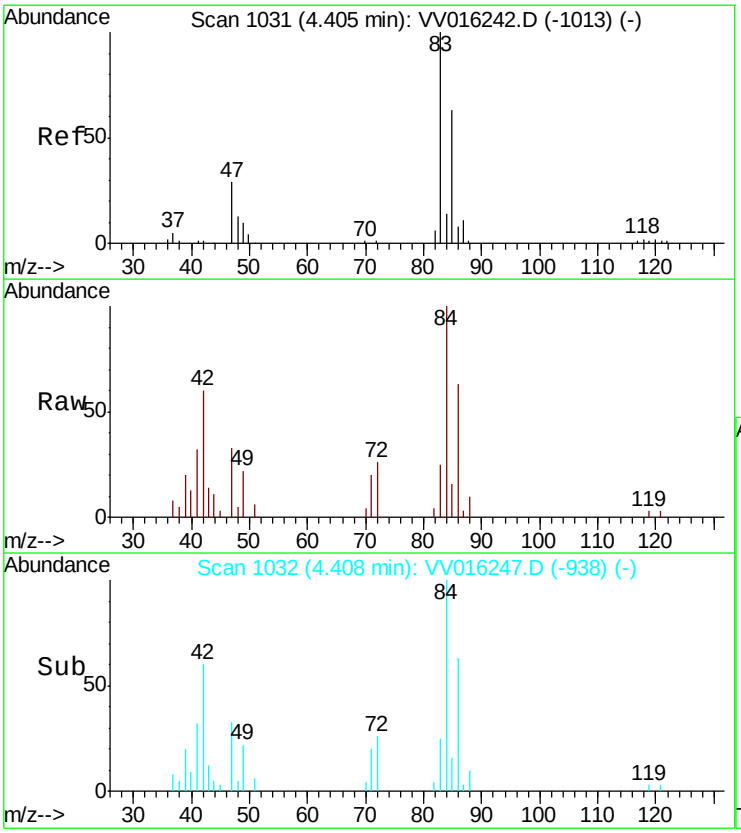
#17
Methyl tert-butyl Ether
Concen: 0.658 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 7728

Ion	Ratio	Lower	Upper
73	100		
43	33.5	17.8	26.8#
57	63.2	18.9	28.3#

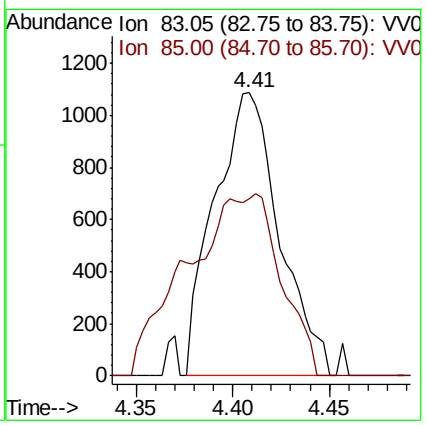


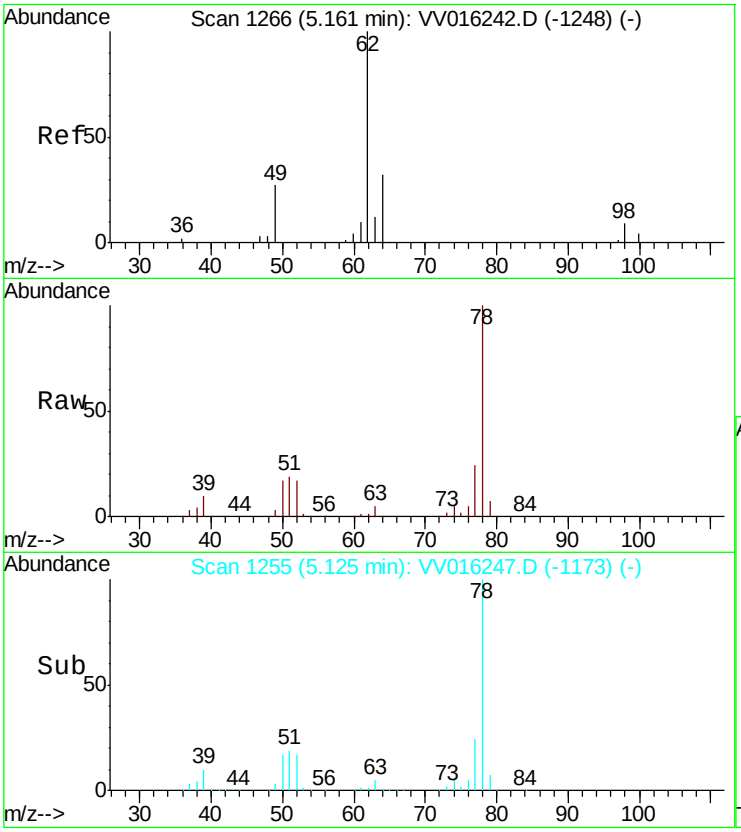


#25
Chloroform
Concen: 0.243 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion: 83 Resp: 2546

Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.1	83.7



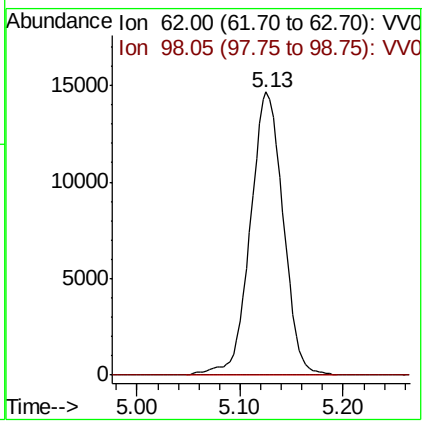


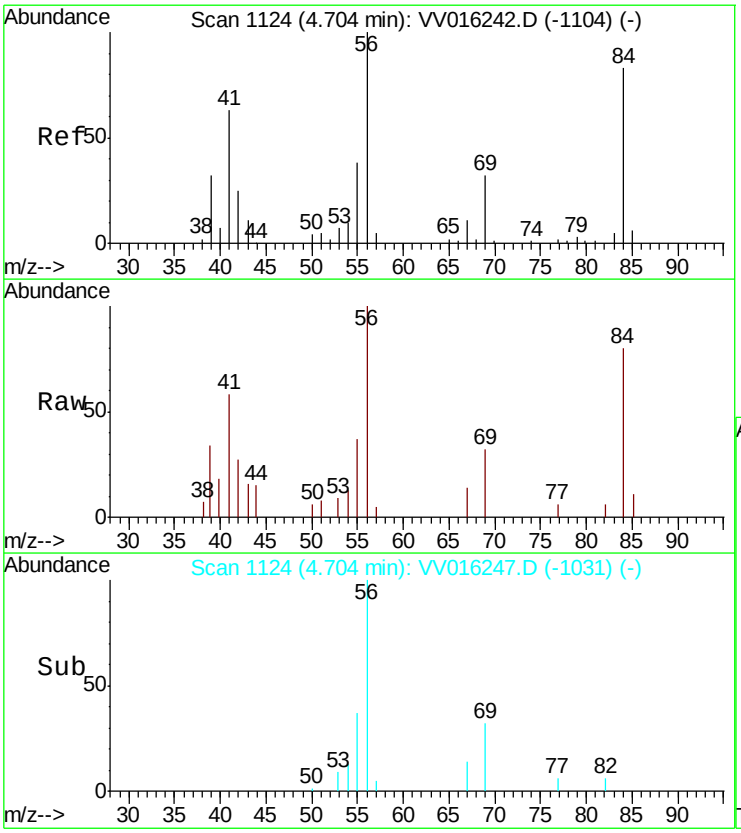
#27
1,2-Dichloroethane
Concen: 4.717 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.04 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 32364

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

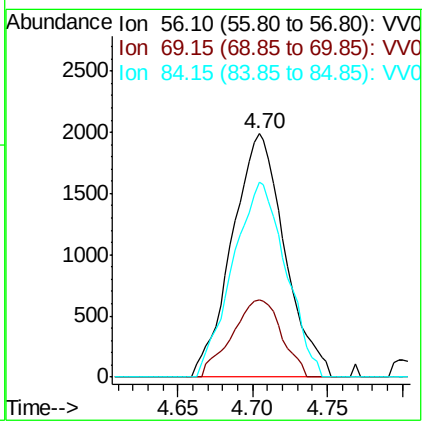


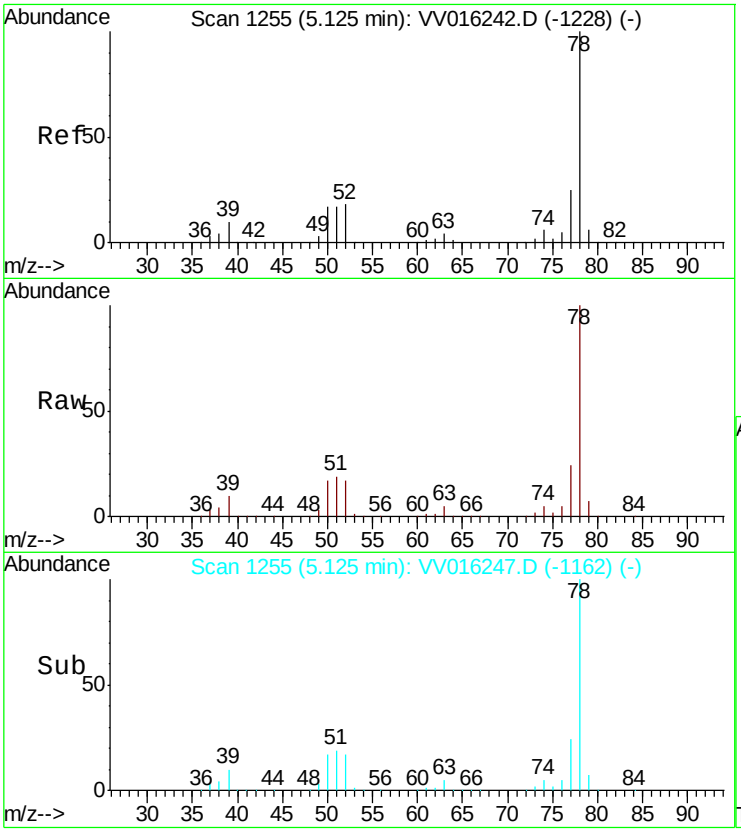


#30
Cyclohexane
Concen: 0.479 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion: 56 Resp: 4860

Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	36.8
84	80.9	67.1	100.7

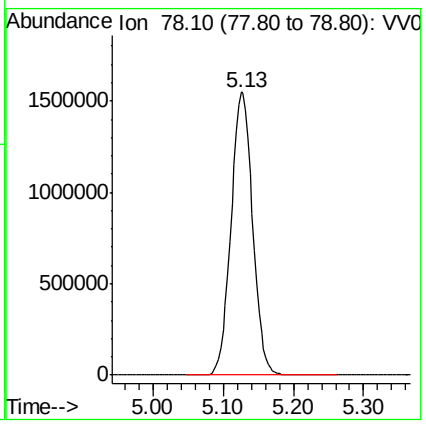


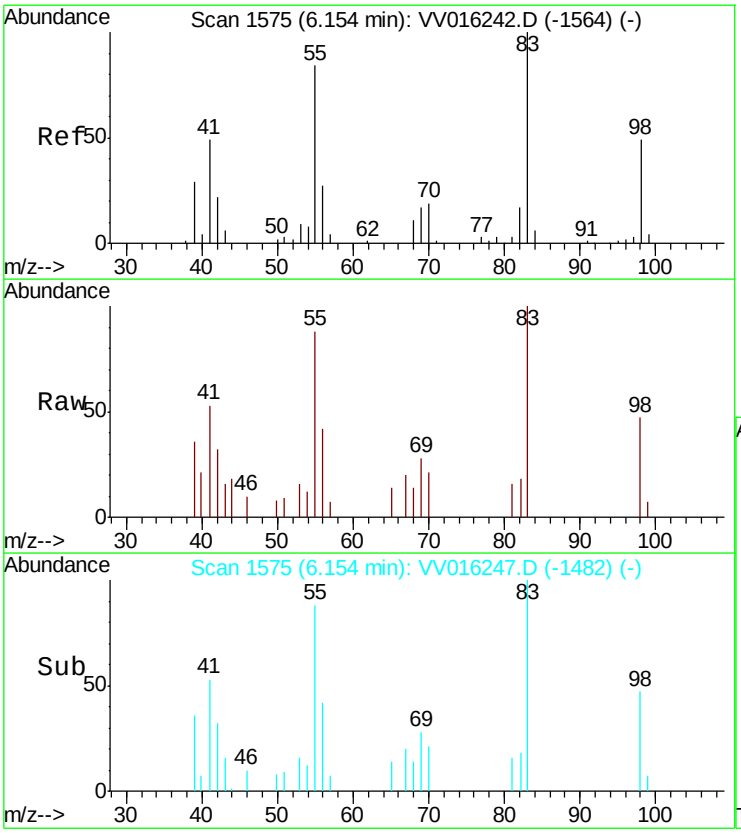


#33
Benzene
Concen: 144.388 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 3312787

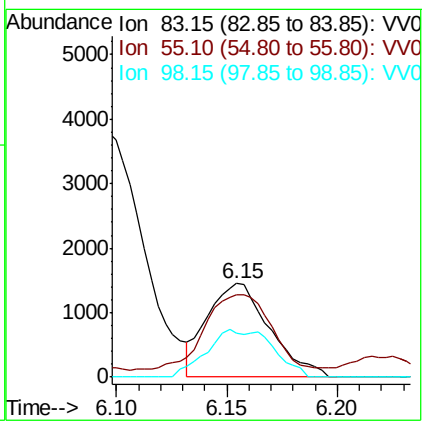


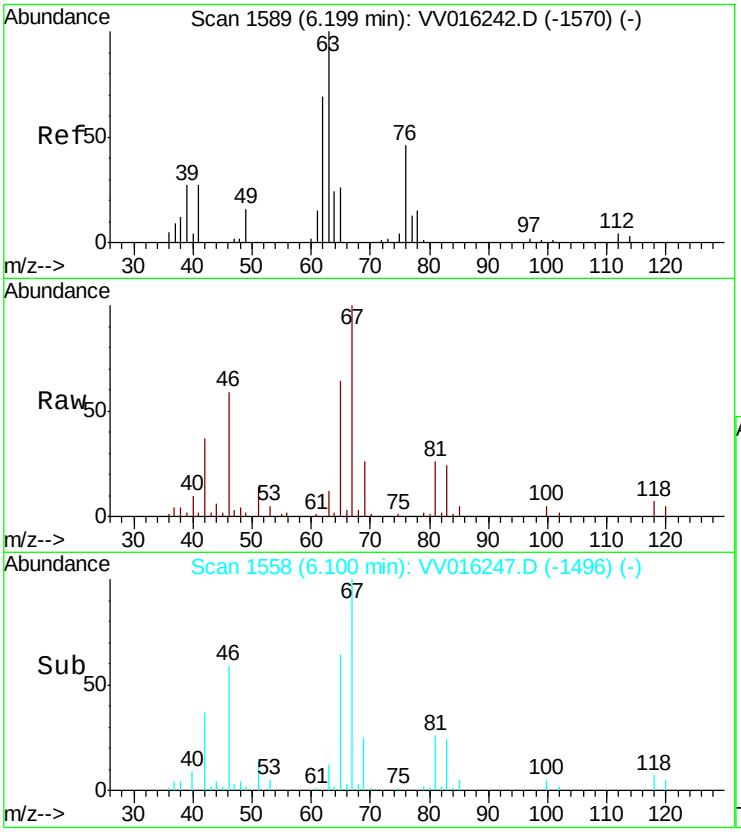


#35
Methylcyclohexane
Concen: 0.283 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion: 83 Resp: 2849

Ion	Ratio	Lower	Upper
83	100		
55	105.4	65.4	98.0#
98	30.6	39.3	58.9#



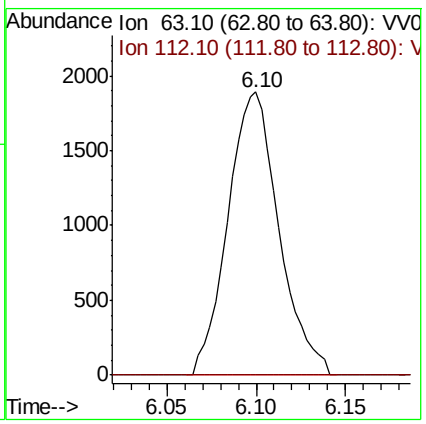


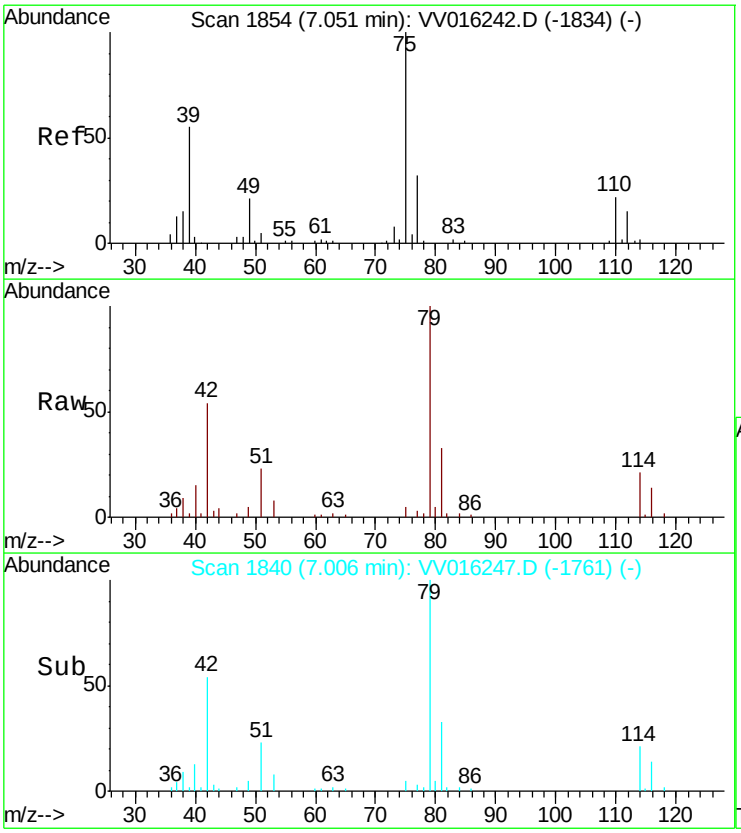
#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3769

Ion	Ratio	Lower	Upper
63	100		
112	1.7	3.1	4.7#

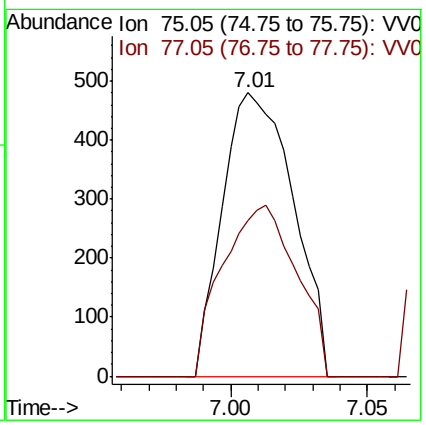


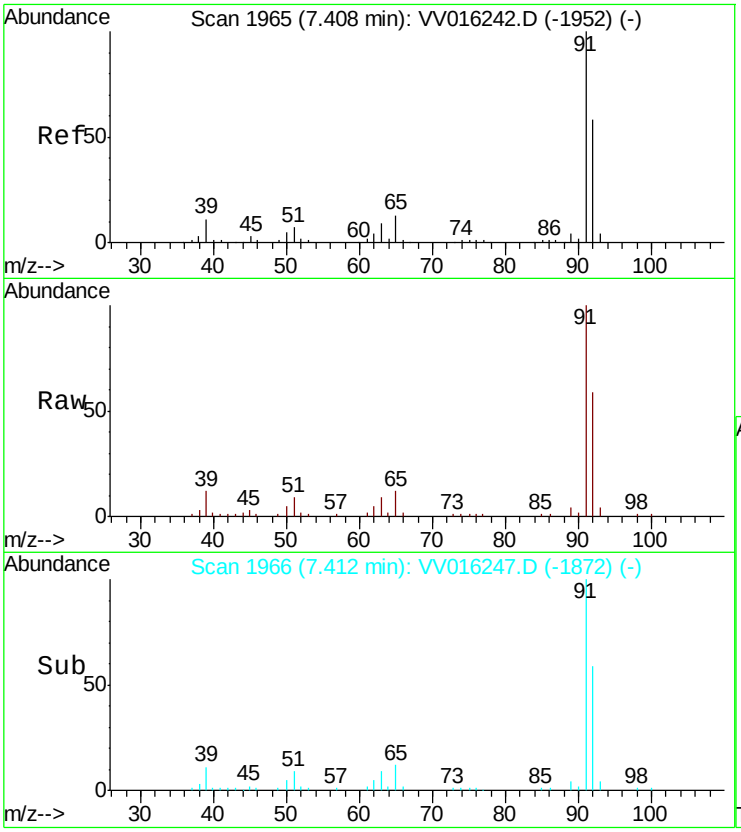


#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.05 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion: 75 Resp: 868

Ion	Ratio	Lower	Upper
75	100		
77	54.8	21.7	40.3#



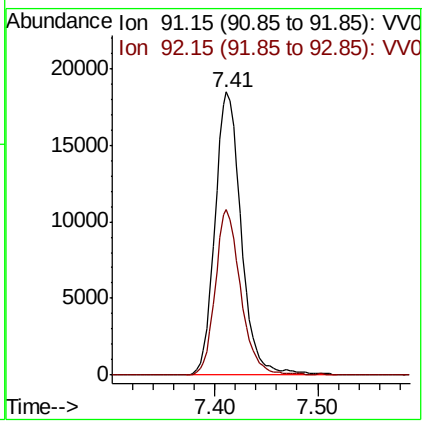


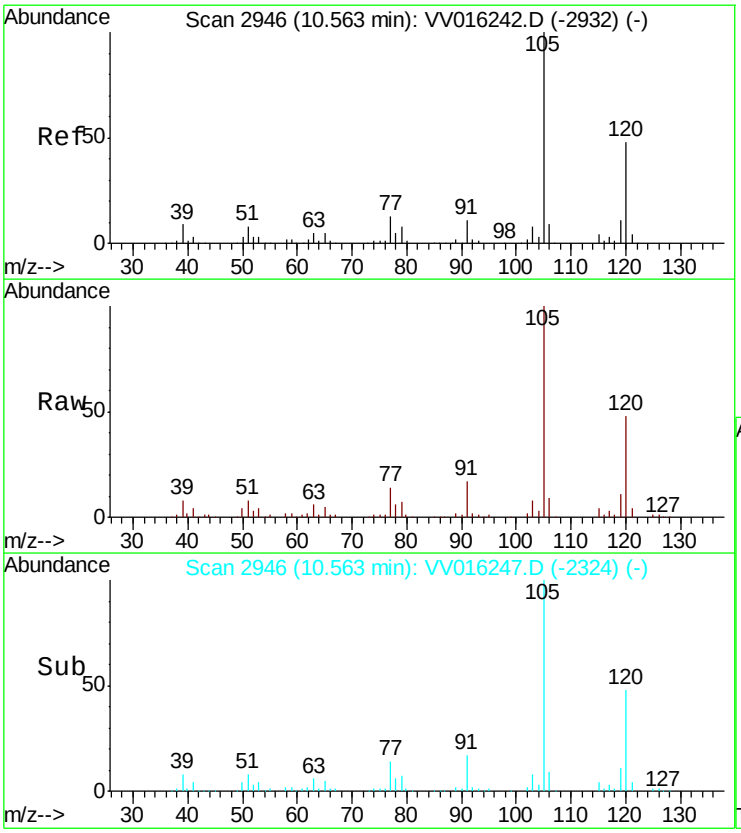
#42
Toluene
Concen: 1.305 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 32662

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.9	76.0

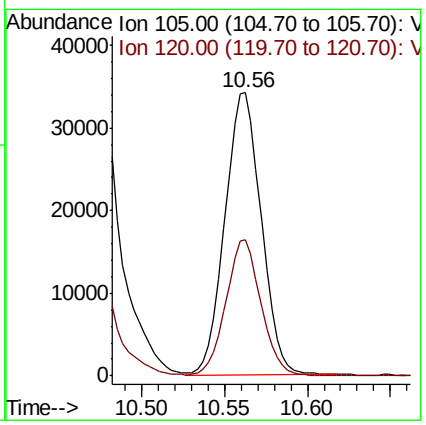


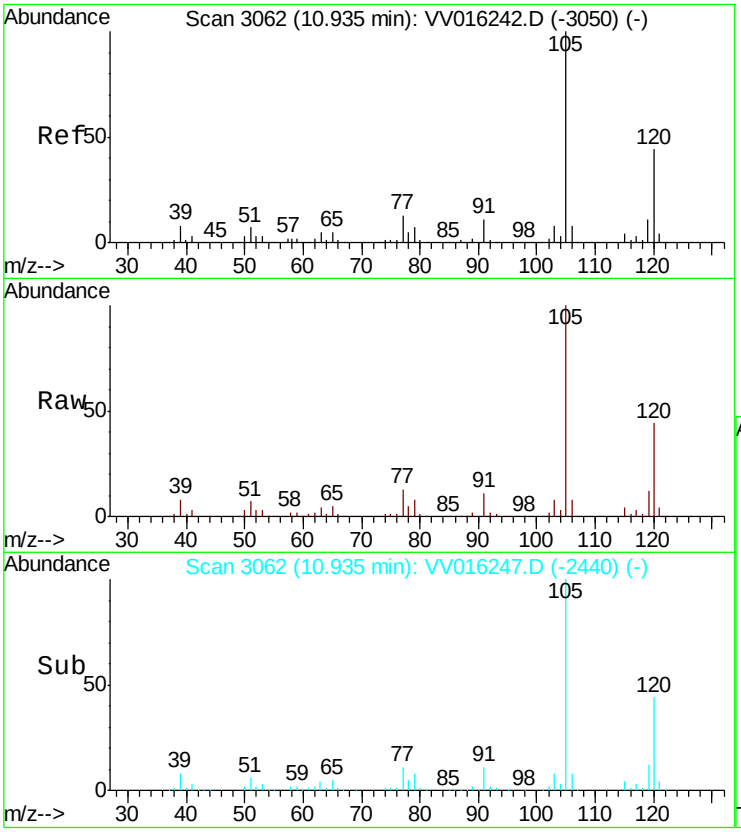


#43
1,3,5-Trimethylbenzene
Concen: 2.283 ug/L
RT: 10.56 min Scan# 2946
Delta R.T. 0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion:105 Resp: 52000

Ion	Ratio	Lower	Upper
105	100		
120	46.7	37.4	56.0



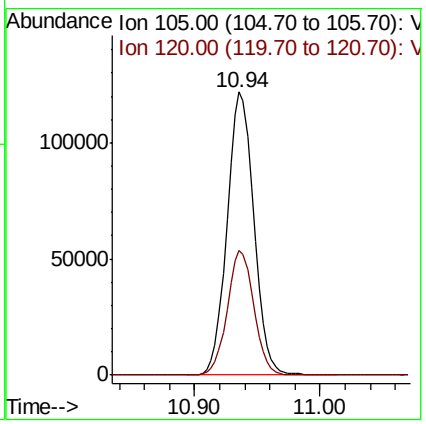


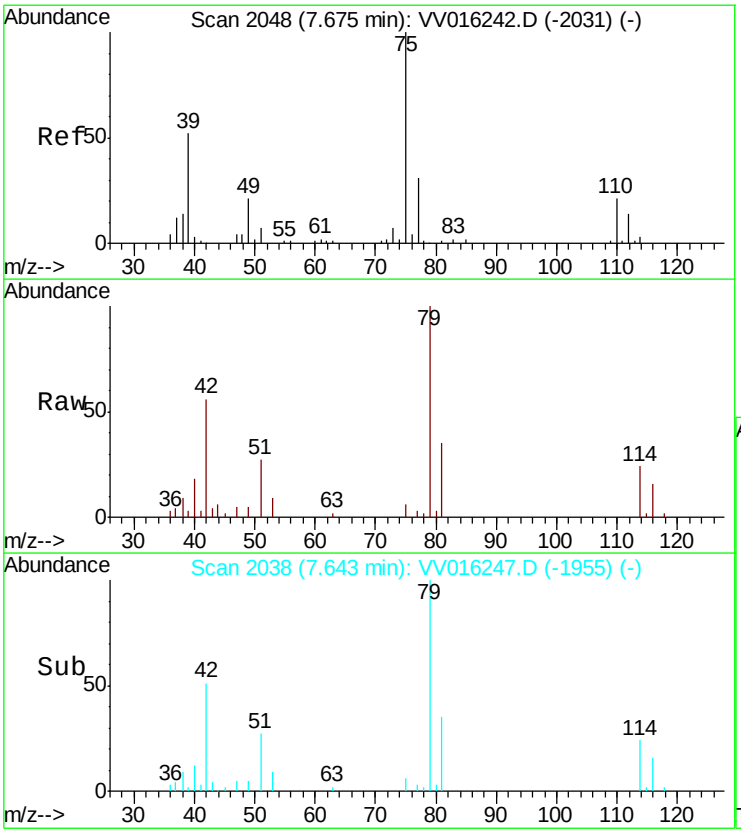
#44
1,2,4-Trimethylbenzene
Concen: 7.693 ug/L
RT: 10.94 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 180487

Ion	Ratio	Lower	Upper
105	100		
120	43.7	34.6	52.0

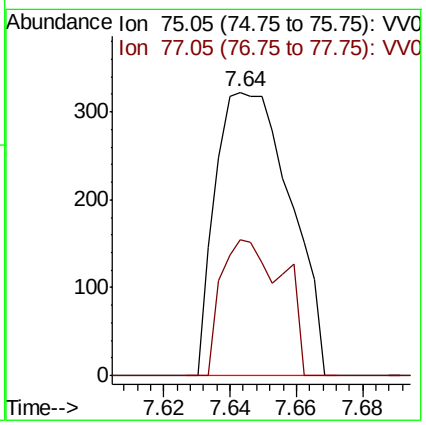


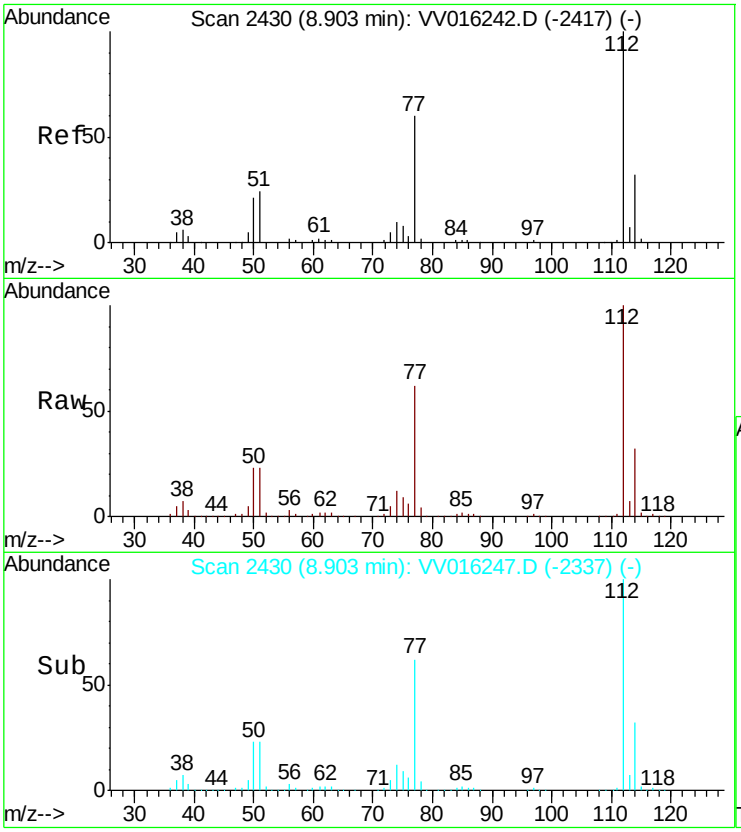


#46
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion: 75 Resp: 506

Ion	Ratio	Lower	Upper
75	100		
77	47.8	21.7	40.3#



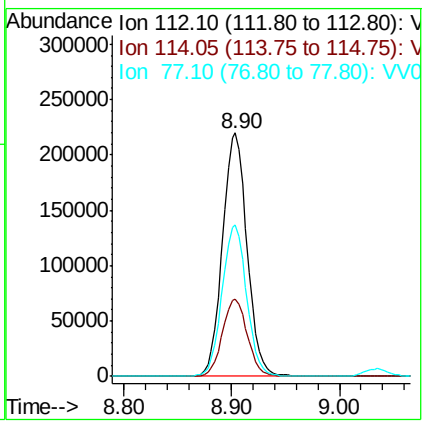


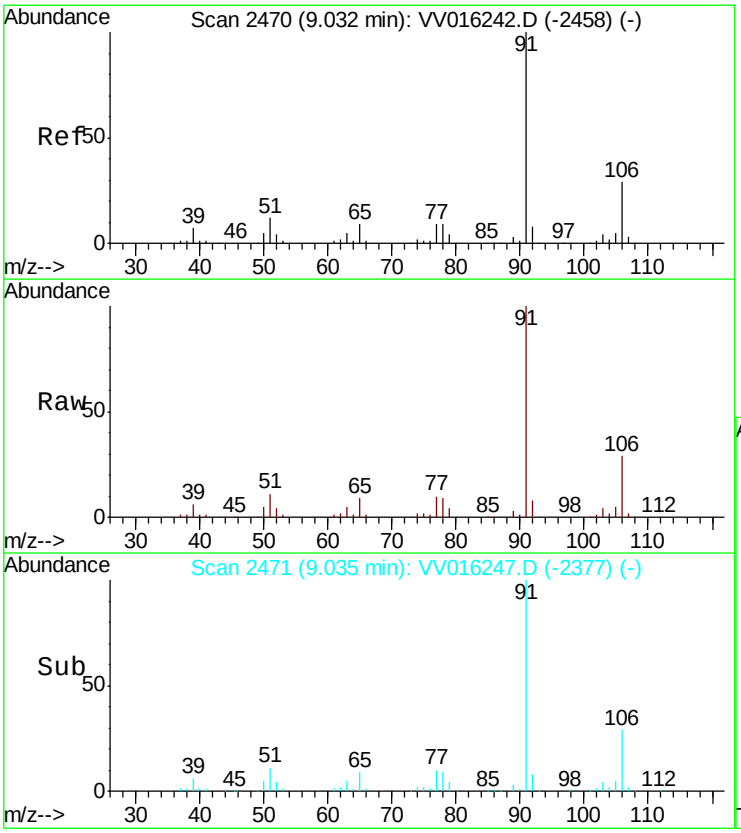
#53
Chlorobenzene
Concen: 22.548 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 348612

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.3
77	62.1	50.7	76.1

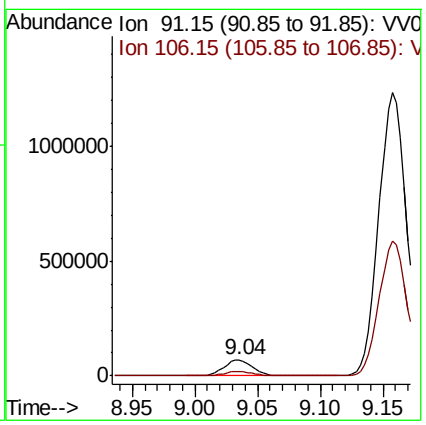


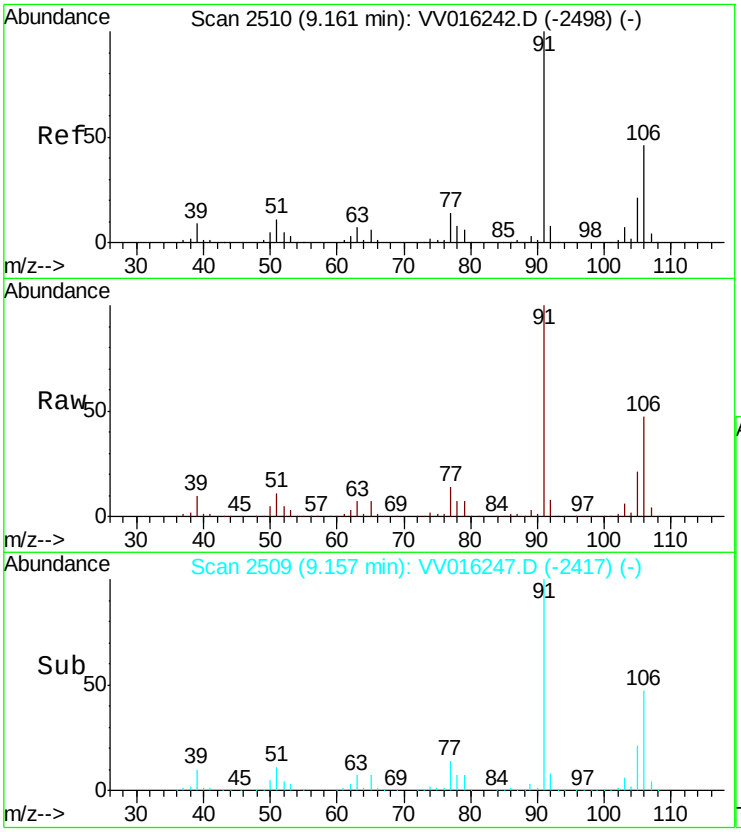


#54
Ethylbenzene
Concen: 3.978 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion: 91 Resp: 110952

Ion	Ratio	Lower	Upper
91	100		
106	28.9	21.0	39.0



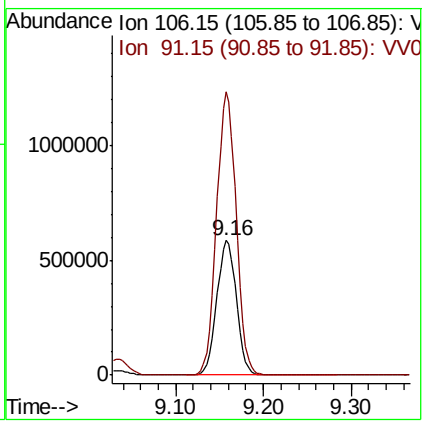


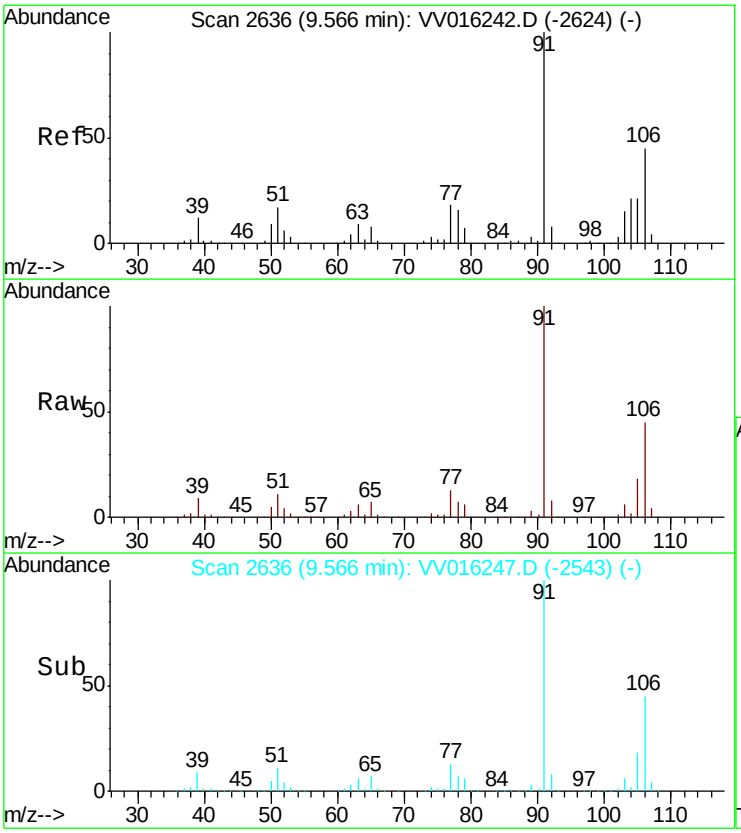
#55
m,p-xylene
Concen: 87.377 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 913799

Ion	Ratio	Lower	Upper
106	100		
91	210.7	148.1	275.0

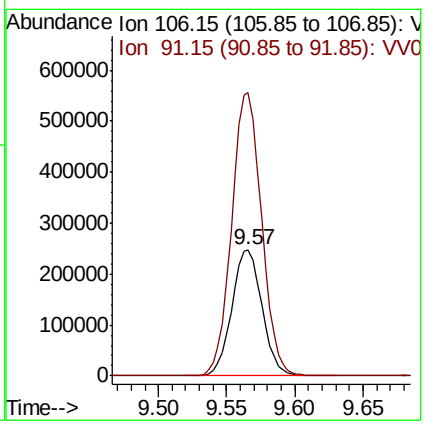


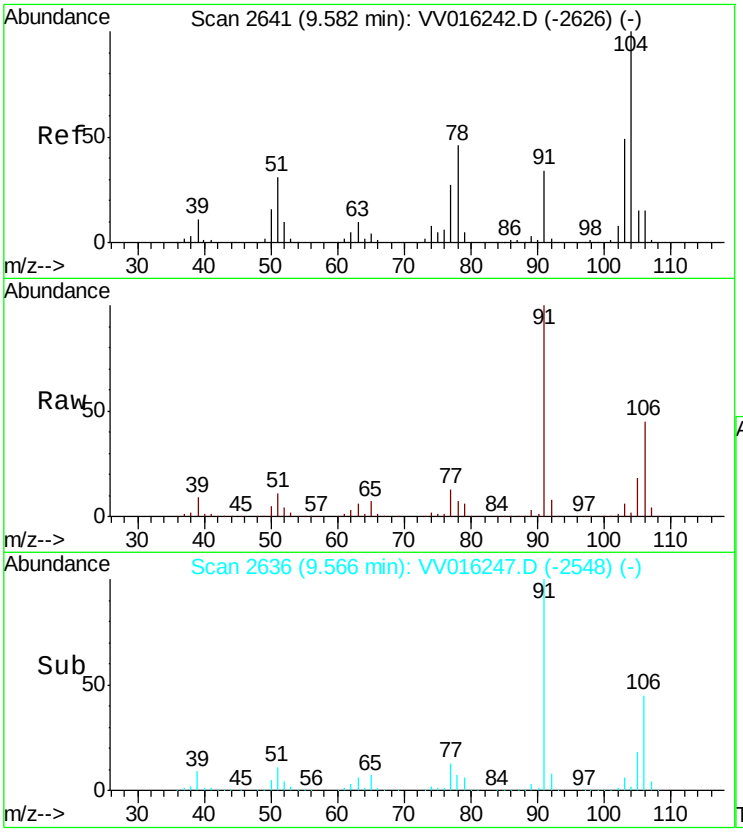


#56
o-xylene
Concen: 37.942 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion:106 Resp: 378137

Ion	Ratio	Lower	Upper
106	100		
91	224.7	158.8	294.8



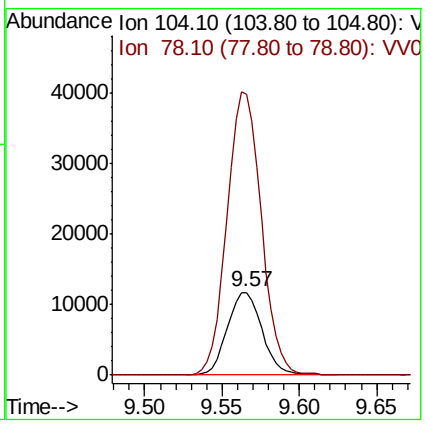


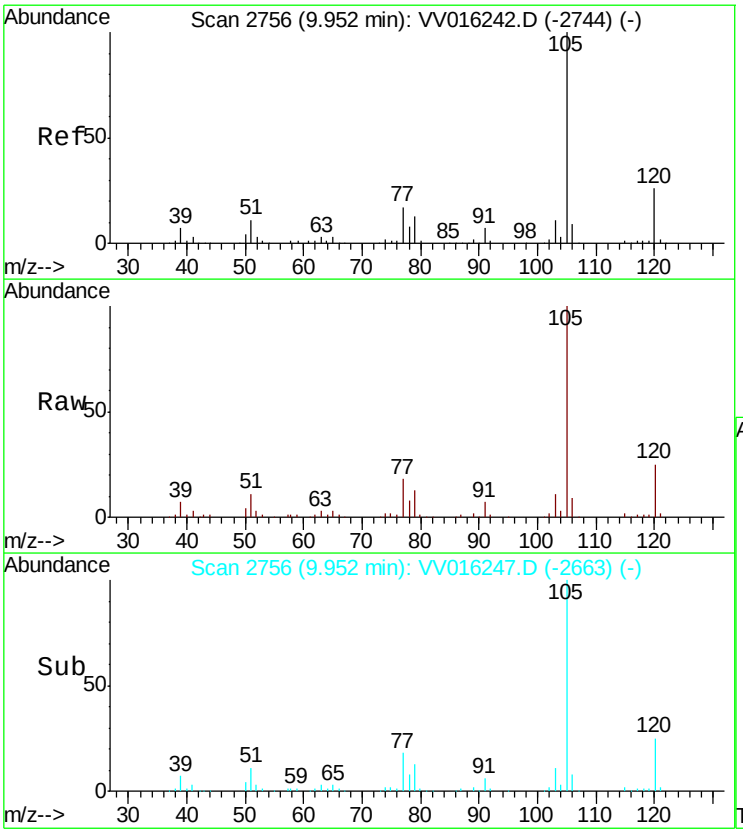
#57
Stvrene
Concen: 1.103 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.02 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 18292

Ion	Ratio	Lower	Upper
104	100		
78	341.3	33.2	61.7#

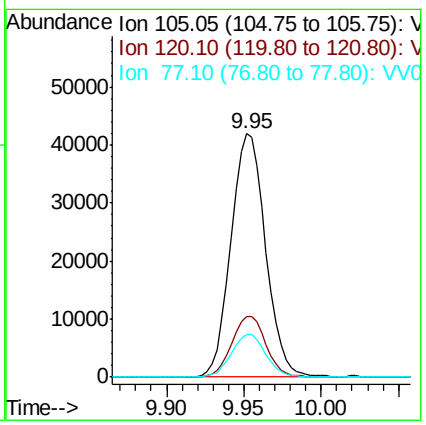


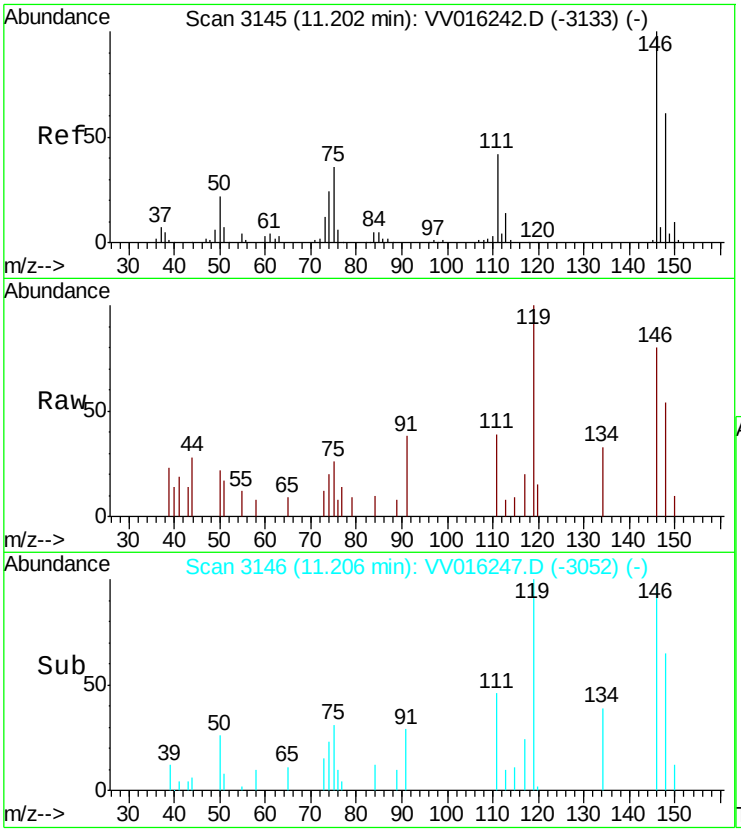


#58
Isopropylbenzene
Concen: 2.382 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion:105 Resp: 65031

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.9	31.3
77	17.5	13.9	20.9



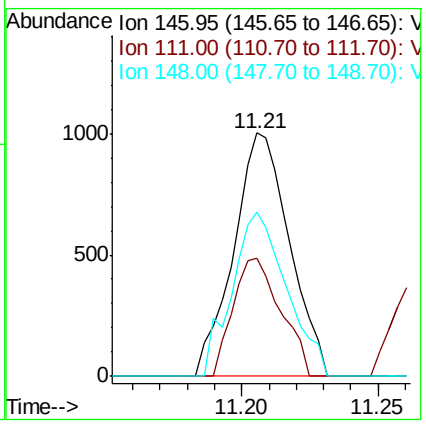


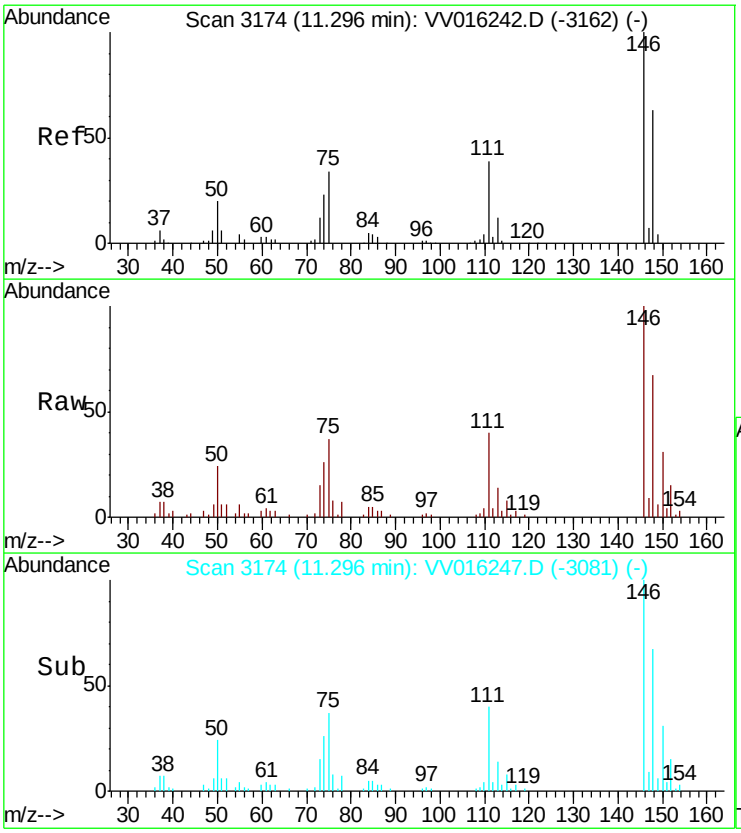
#63
1,3-Dichlorobenzene
Concen: 0.118 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1419

Ion	Ratio	Lower	Upper
146	100		
111	48.4	29.7	55.1
148	67.5	45.9	85.3

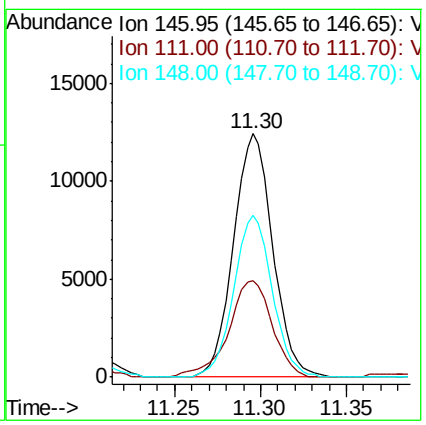


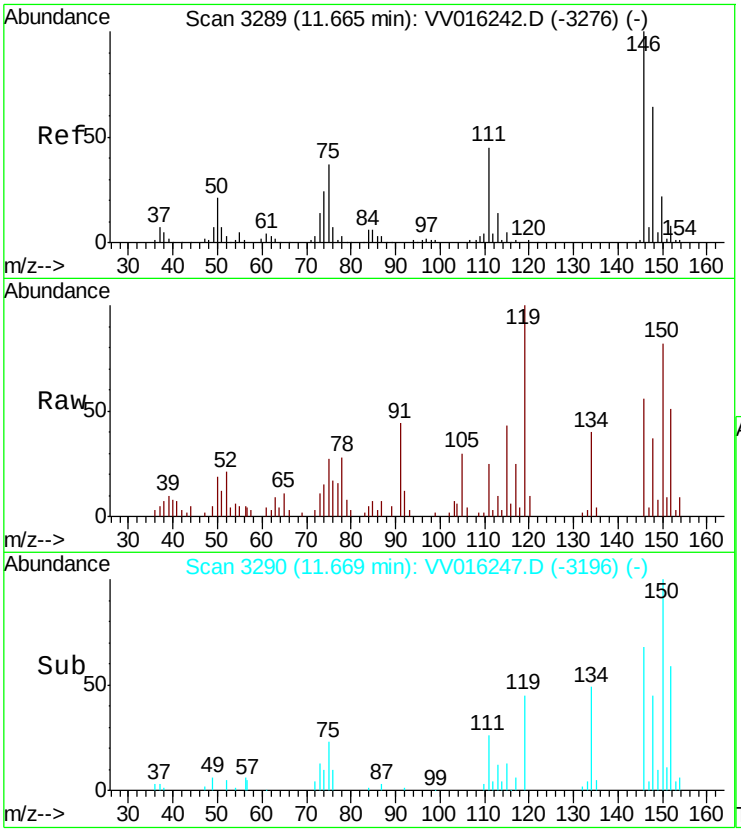


#64
1,4-Dichlorobenzene
Concen: 1.613 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion:146 Resp: 19757

Ion	Ratio	Lower	Upper
146	100		
111	39.7	28.3	52.7
148	66.6	43.3	80.3



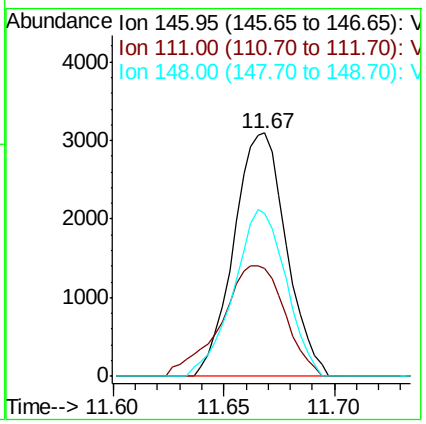


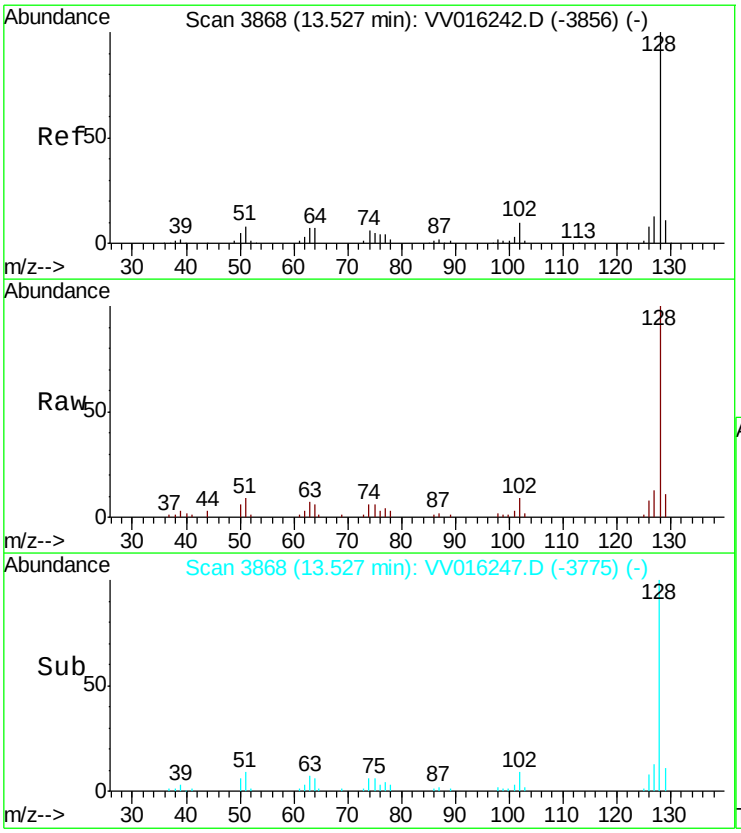
#66
1,2-Dichlorobenzene
Concen: 0.469 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 5109

Ion	Ratio	Lower	Upper
146	100		
111	44.2	35.7	53.5
148	67.0	51.3	76.9





#70
Naphthalene
Concen: 1.238 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV016247.D
Acq: 27 May 2020 23:22

Tgt Ion:128 Resp: 20267

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	12.8	10.6	15.8