Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016543.D
Acq On : 05 Jun 2020 18:04
Operator : SY/MD
Sample : L2861-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 06 00:12:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	416906	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	403451	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200983	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.31	65	125637	42.55	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.10%				
7) Chloroethane-d5	1.56	69	91717	43.02	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.04%				
11) 1,1-Dichloroethene-d2	2.11	63	164626	31.45	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.90%				
21) 2-Butanone-d5	3.90	46	188155	99.65	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.65%				
24) Chloroform-d	4.37	84	248466	44.84	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.68%				
26) 1,2-Dichloroethane-d4	5.08	65	177935	47.95	ug/L		0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.90%				
32) Benzene-d6	5.09	84	494503	45.76	ug/L		0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.52%				
36) 1,2-Dichloropropane-d6	6.09	67	151613	45.02	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.04%				
41) Toluene-d8	7.34	98	458182	46.68	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.36%				
43) trans-1,3-Dichloropropene-	7.64	79	70741	43.11	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.22%				
47) 2-Hexanone-d5	8.11	63	146118	101.32	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.32%				
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196711	43.07	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.14%				
64) 1,2-Dichlorobenzene-d4	11.65	152	186493	49.38	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.76%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	2.11	96	1621	0.700	ug/L	#	1
13) Acetone	2.17	43	34775	19.706	ug/L		100
14) Carbon disulfide	2.30	76	7283	0.909	ug/L		95
15) Methyl Acetate	2.44	43	45672	14.081	ug/L	#	53
22) 2-Butanone	3.99	43	64553	29.479	ug/L		97
27) 1,2-Dichloroethane	5.16	62	1438923	312.818	ug/L	#	78
29) Cyclohexane	4.70	56	269944	56.374	ug/L		100
35) Methylcyclohexane	6.15	83	43793	9.799	ug/L		95
37) 1,2-Dichloropropane	6.20	63	15125	4.891	ug/L		99
39) cis-1,3-Dichloropropene	7.01	75	9162	2.032	ug/L		99
40) 4-Methyl-2-pentanone	7.25	43	133573	31.388	ug/L		99
42) Toluene	7.41	91	3362467	267.433	ug/L		99
48) 2-Hexanone	8.16	43	26878	8.124	ug/L	#	96
52) Ethylbenzene	9.04	91	6323499	462.096	ug/L		99
53) m,p-Xylene	9.16	106	1572262	304.704	ug/L		99
54) o-xylene	9.57	106	1163309	232.785	ug/L		98
56) Isopropylbenzene	9.95	105	169262	13.040	ug/L		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016543.D
Acq On : 05 Jun 2020 18:04
Operator : SY/MD
Sample : L2861-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 06 00:12:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) 1,1,2,2-Tetrachloroethane	10.25	83	7445	1.552	ug/L	#	92
59) 1,2,3-Trichloropropane	10.25	75	3007	0.779	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.75	75	1026	1.079	ug/L	#	3
69) Naphthalene	13.52	128	1095626	92.033	ug/L		100

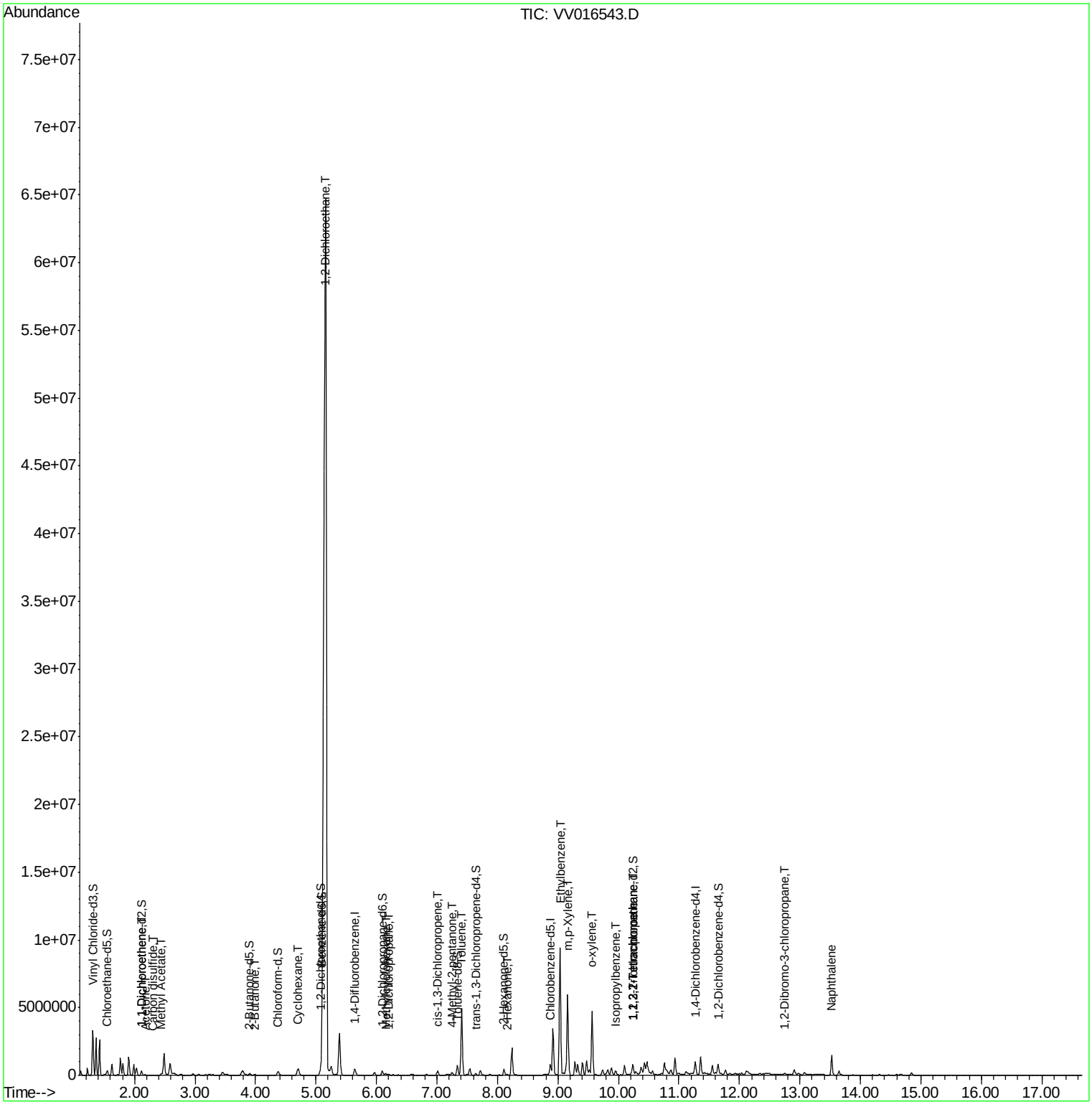
(#) = qualifier out of range (m) = manual integration (+) = signals summed

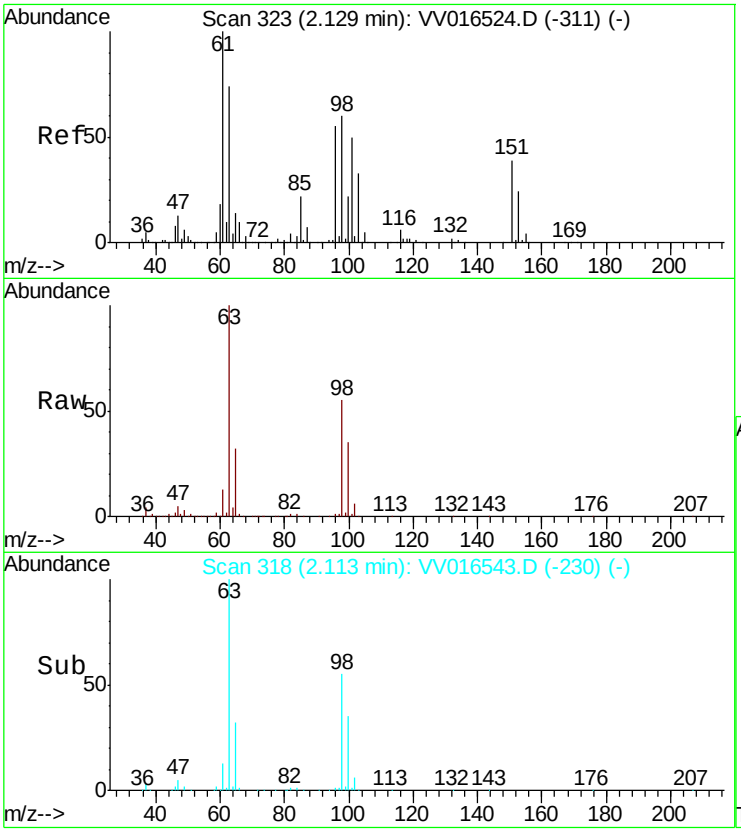
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016543.D
Acq On : 05 Jun 2020 18:04
Operator : SY/MD
Sample : L2861-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 06 00:12:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration



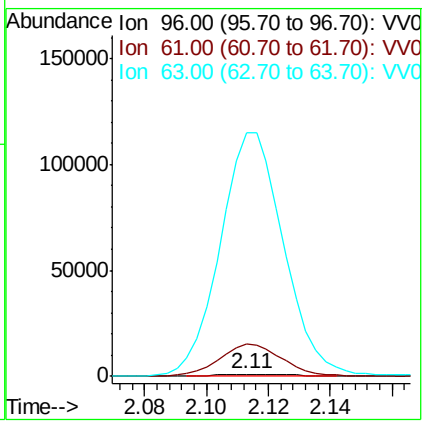


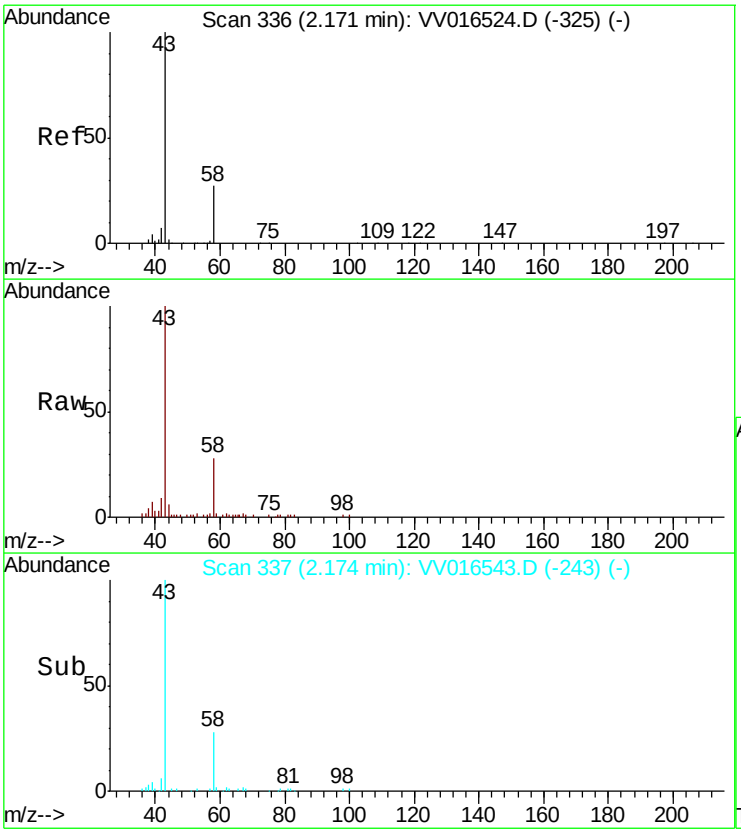
#12
1,1-Dichloroethene
Concen: 0.700 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.02 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1621

Ion	Ratio	Lower	Upper
96	100		
61	1460.4	125.5	233.1#
63	11093.4	104.0	193.1#

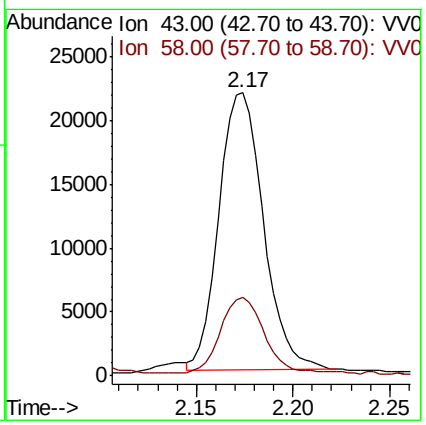


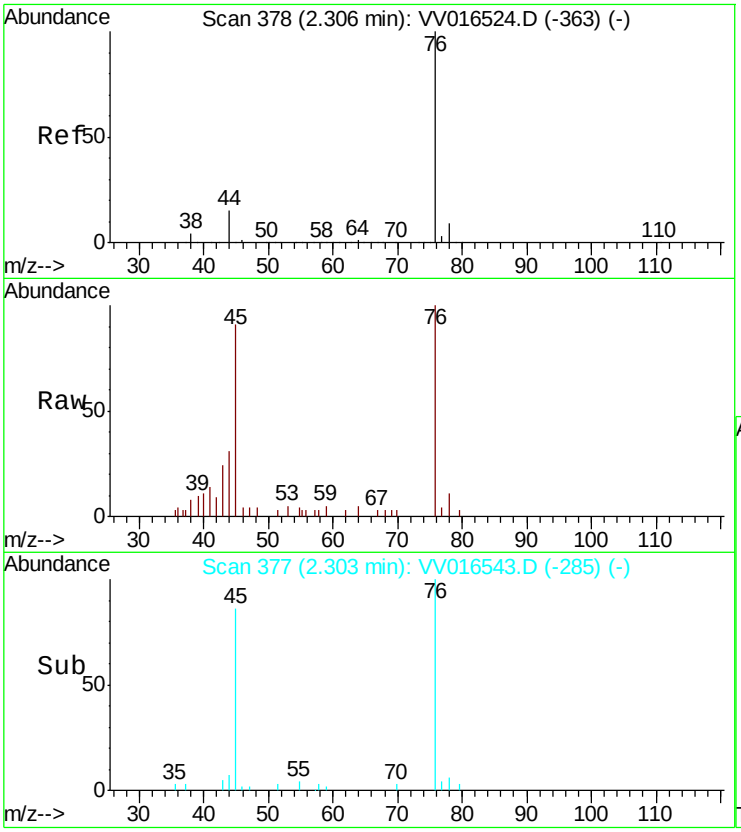


#13
Acetone
Concen: 19.706 ug/L
RT: 2.17 min Scan# 337
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 43 Resp: 34775

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	57.2



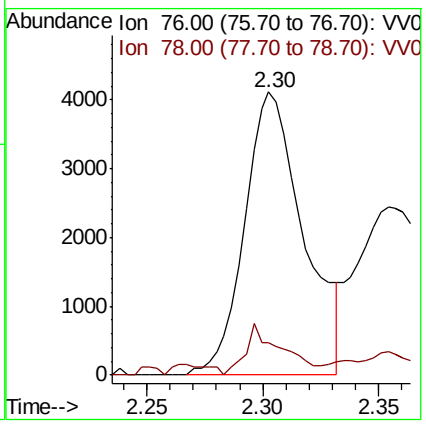


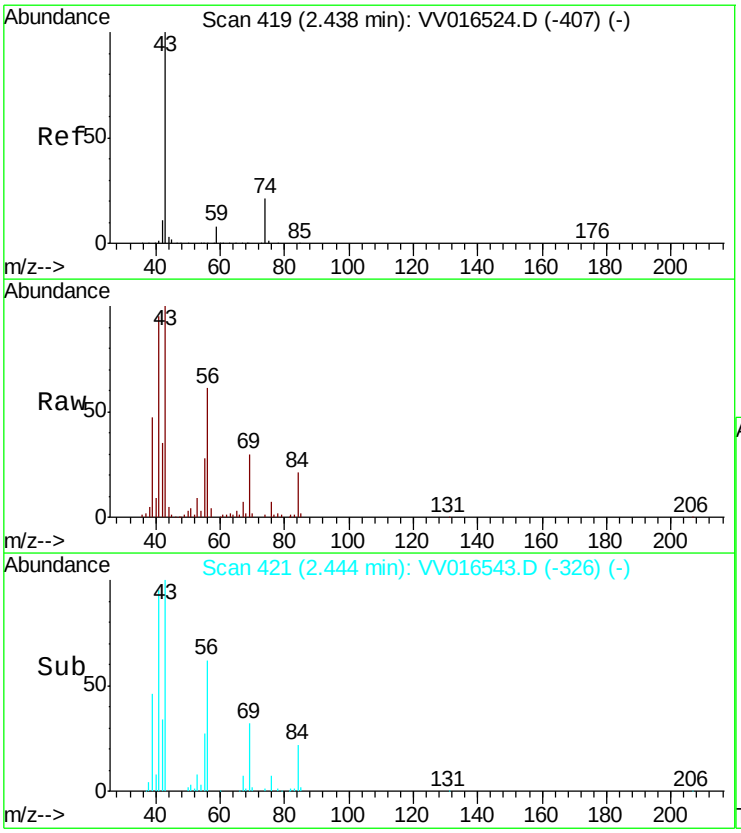
#14
Carbon disulfide
Concen: 0.909 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 7283

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.6	11.4

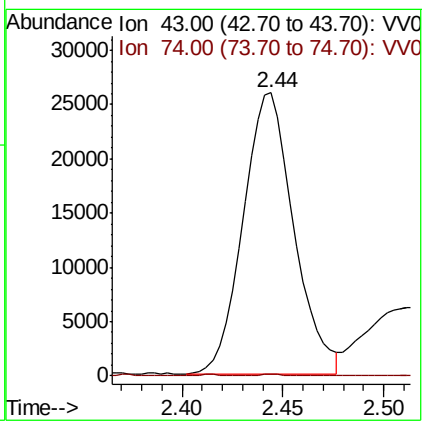


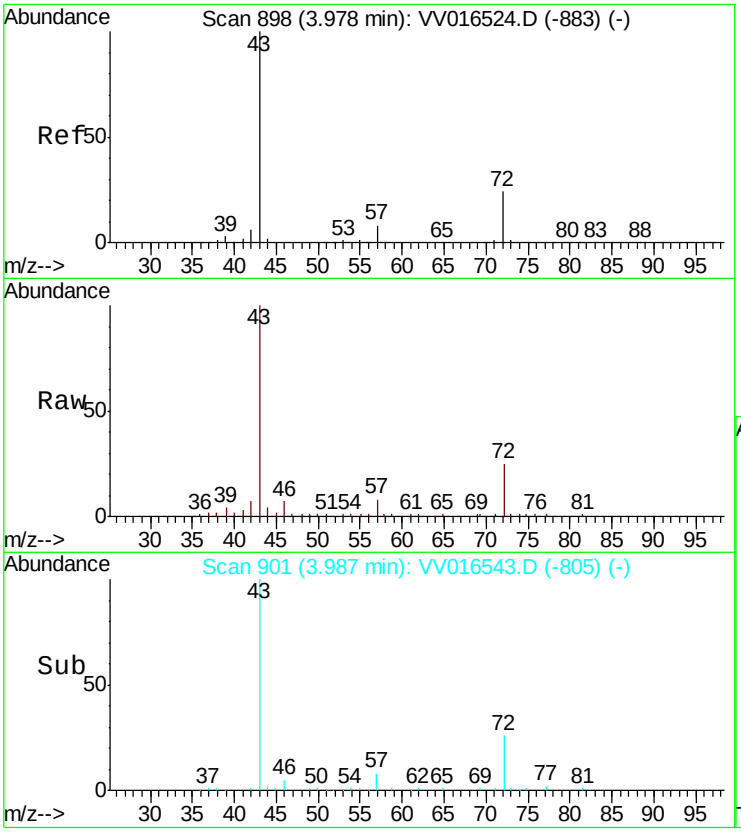


#15
Methyl Acetate
Concen: 14.081 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.01 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 43 Resp: 45672

Ion	Ratio	Lower	Upper
43	100		
74	0.2	18.1	27.1#



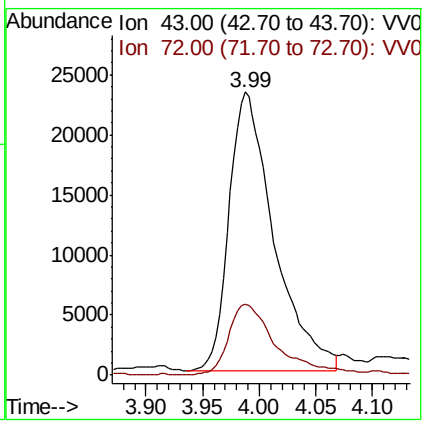


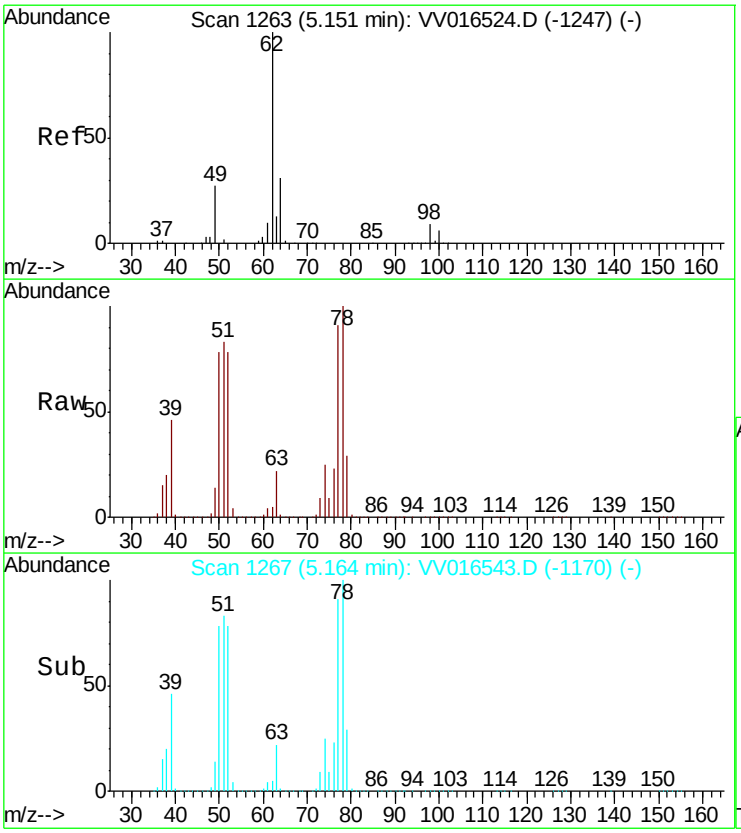
#22
2-Butanone
Concen: 29.479 ug/L
RT: 3.99 min Scan# 901
Delta R.T. 0.01 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 64553

Ion	Ratio	Lower	Upper
43	100		
72	27.0	12.8	38.3

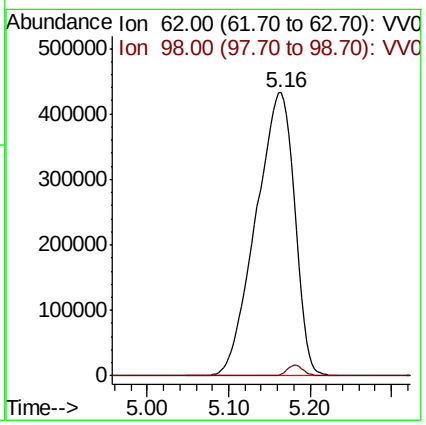


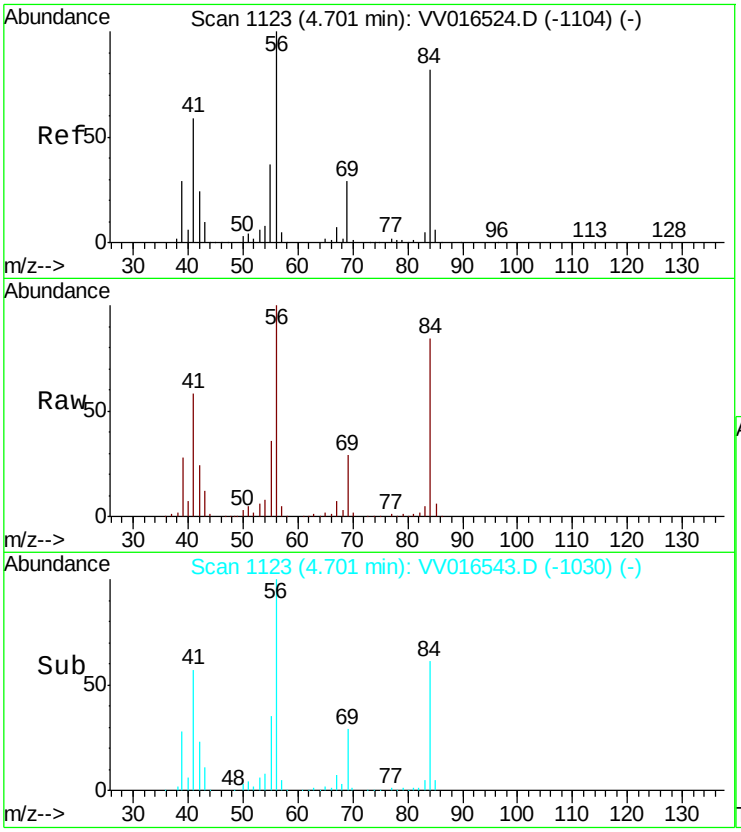


#27
1,2-Dichloroethane
Concen: 312.818 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 62 Resp: 1438923

Ion	Ratio	Lower	Upper
62	100		
98	0.6	6.9	10.3#



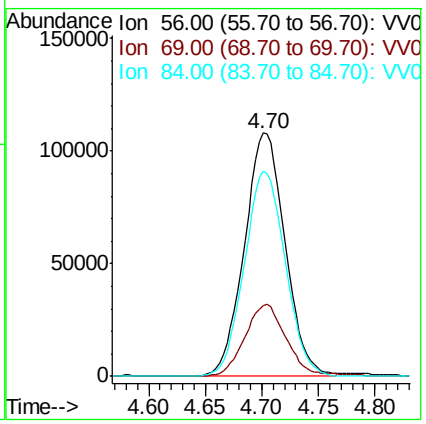


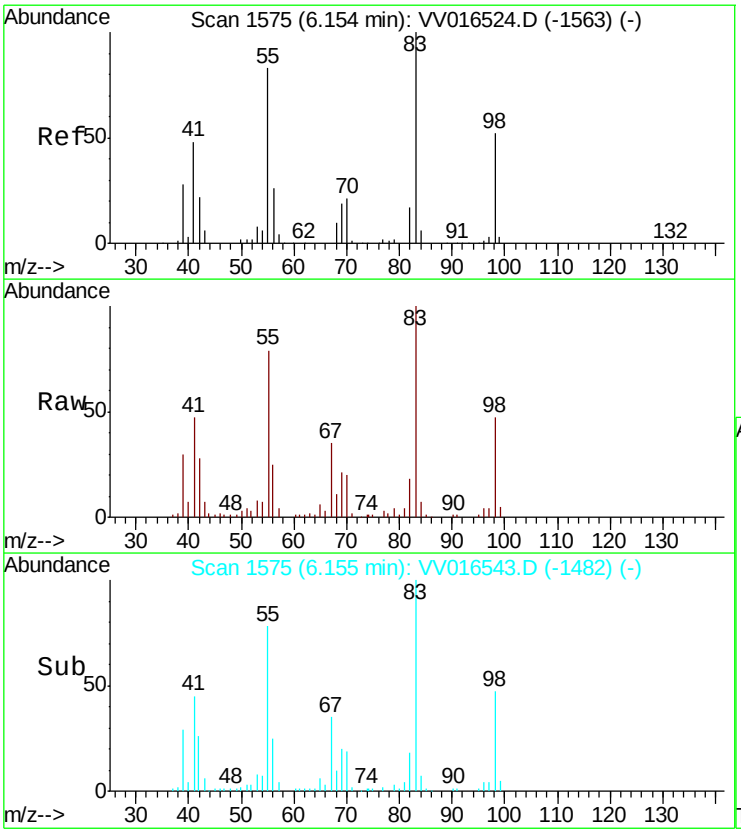
#29
Cyclohexane
Concen: 56.374 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 269944

Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.9	35.9
84	85.2	68.2	102.2

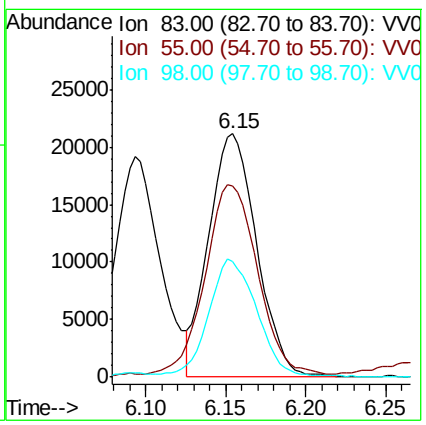


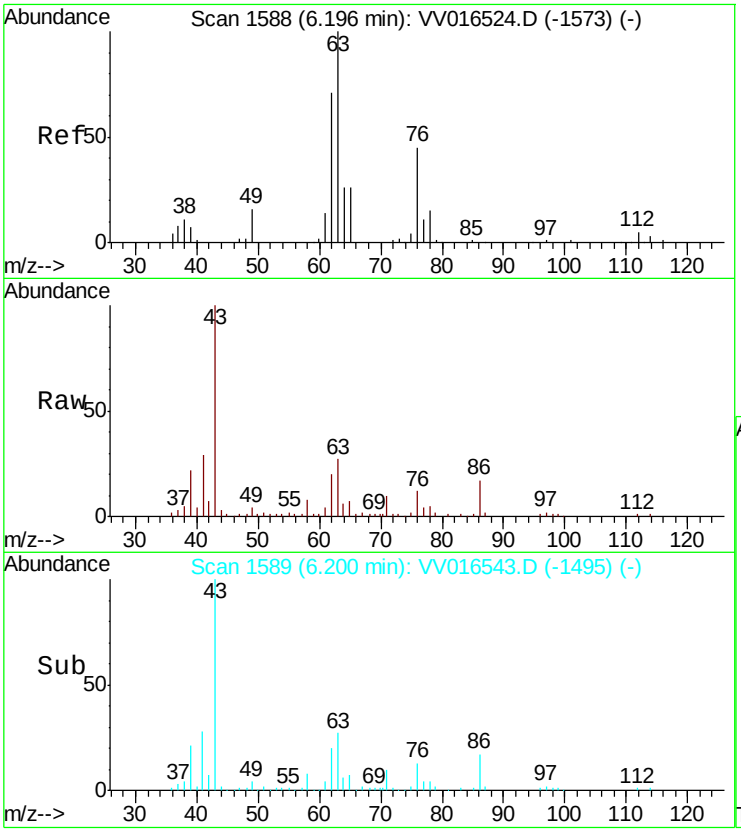


#35
Methylcyclohexane
Concen: 9.799 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 83 Resp: 43793

Ion	Ratio	Lower	Upper
83	100		
55	85.4	63.4	95.0
98	48.3	39.4	59.0



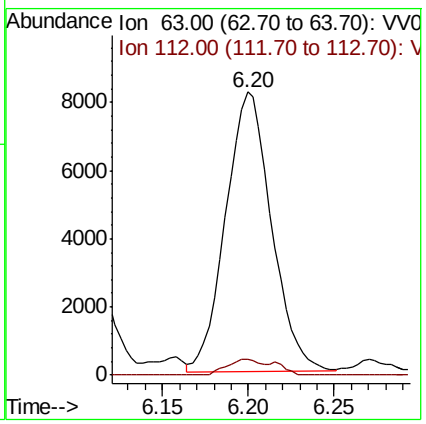


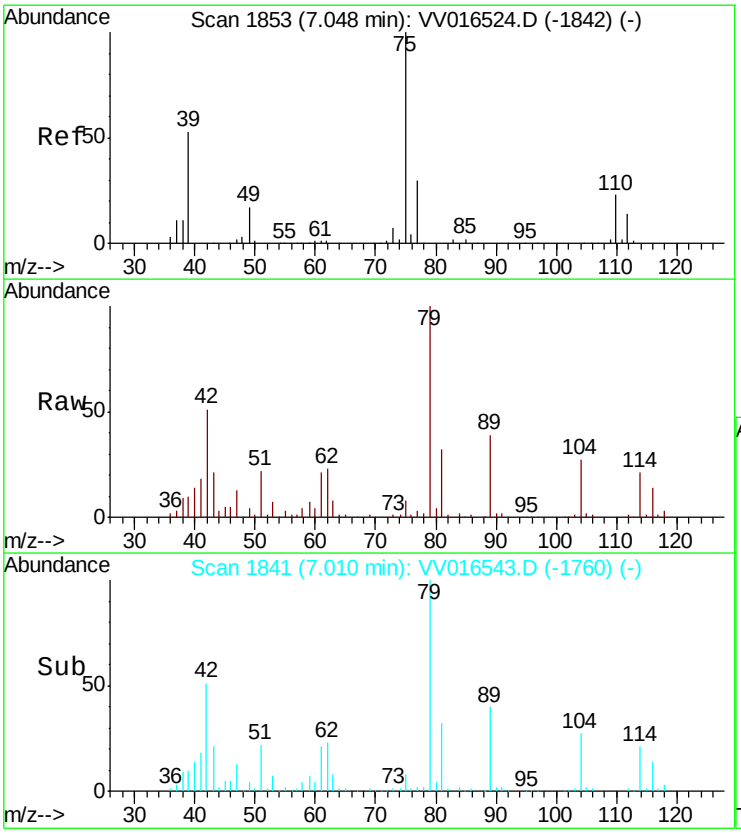
#37
1,2-Dichloropropane
Concen: 4.891 ug/L
RT: 6.20 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 15125

Ion	Ratio	Lower	Upper
63	100		
112	4.6	3.9	5.9

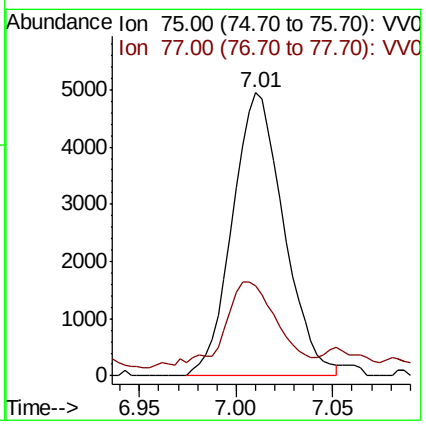


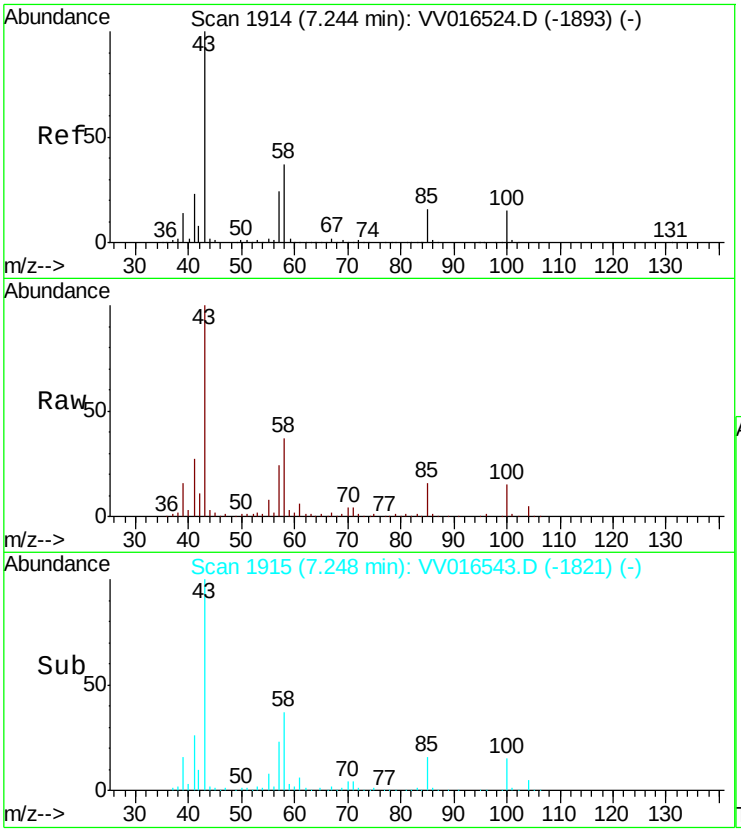


#39
cis-1,3-Dichloropropene
Concen: 2.032 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 75 Resp: 9162

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.0	41.0



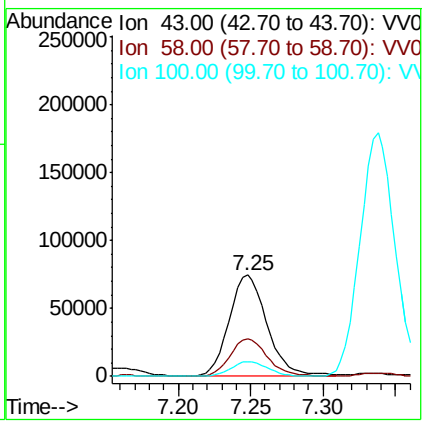


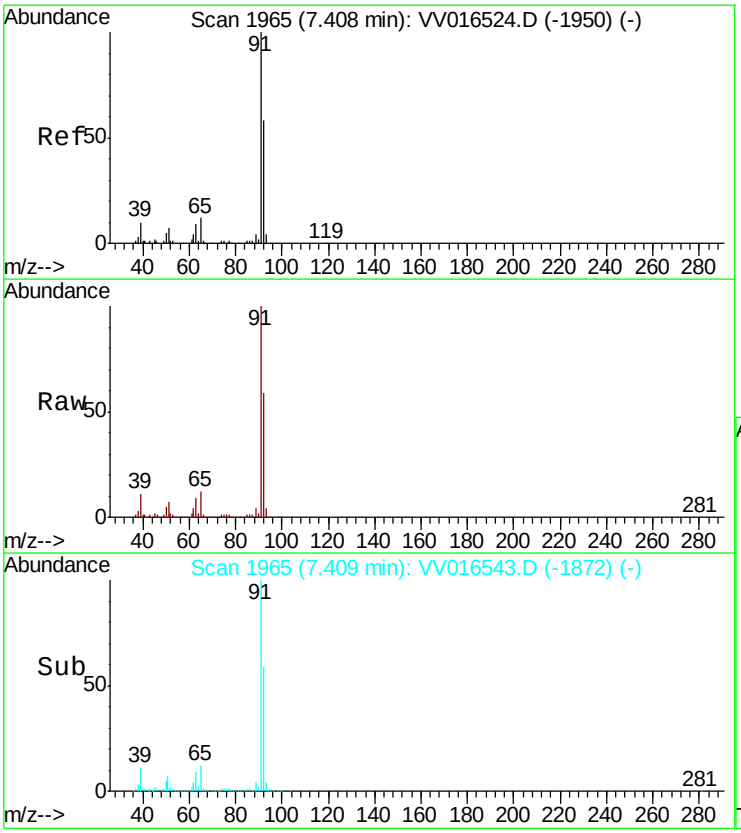
#40
4-Methyl-2-pentanone
Concen: 31.388 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 133573

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.9	44.9
100	14.6	11.9	17.9

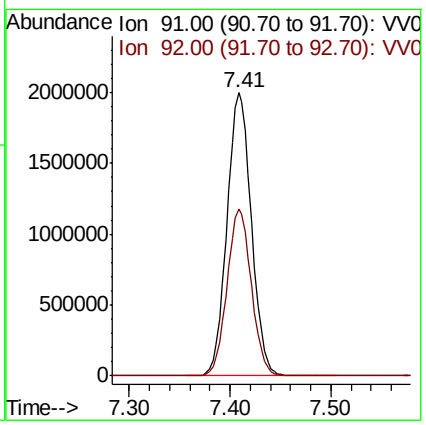


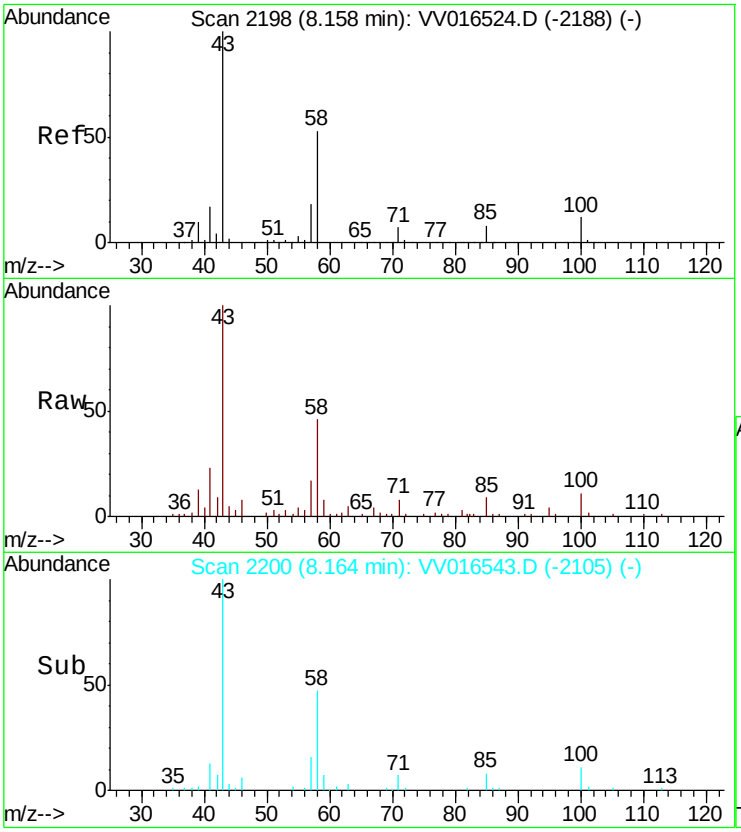


#42
Toluene
Concen: 267.433 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 91 Resp: 3362467

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.9	75.9



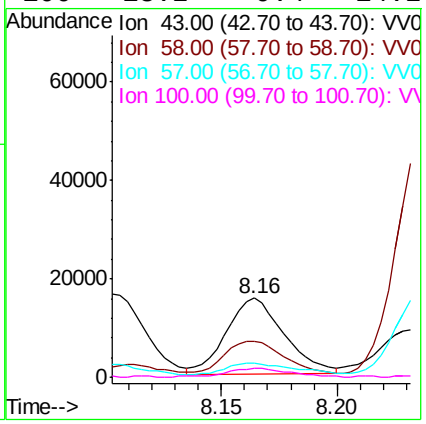


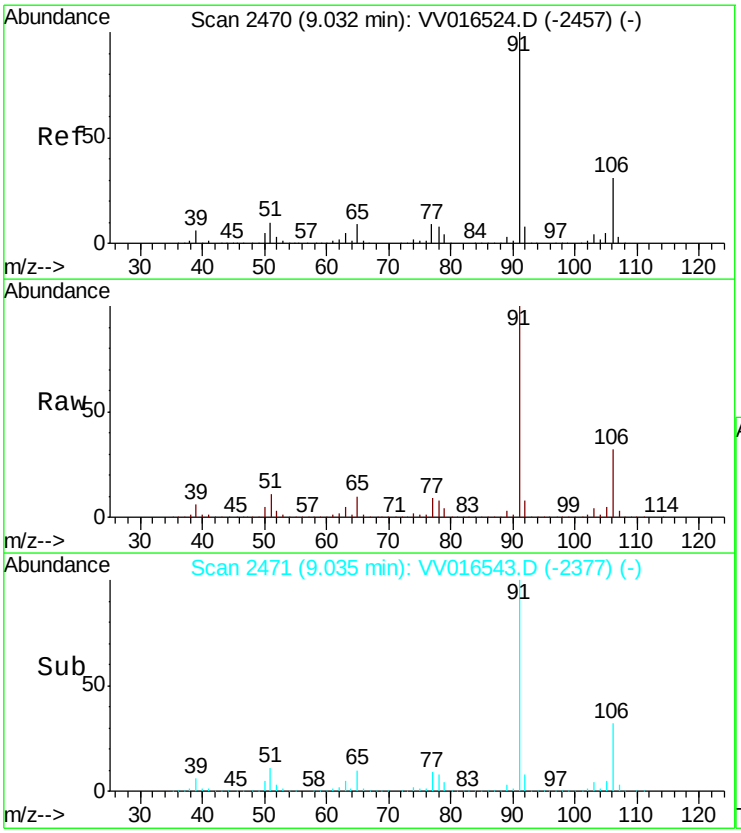
#48
2-Hexanone
Concen: 8.124 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 26878

Ion	Ratio	Lower	Upper
43	100		
58	52.1	42.7	64.1
57	22.9	14.5	21.7#
100	13.2	9.4	14.2

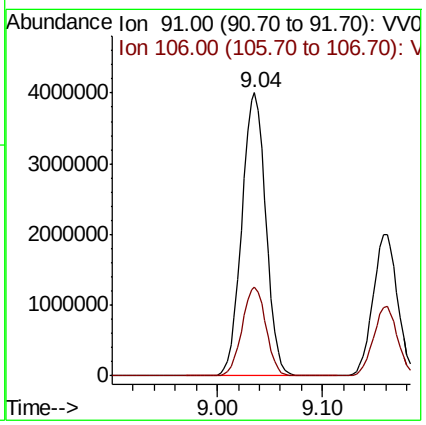


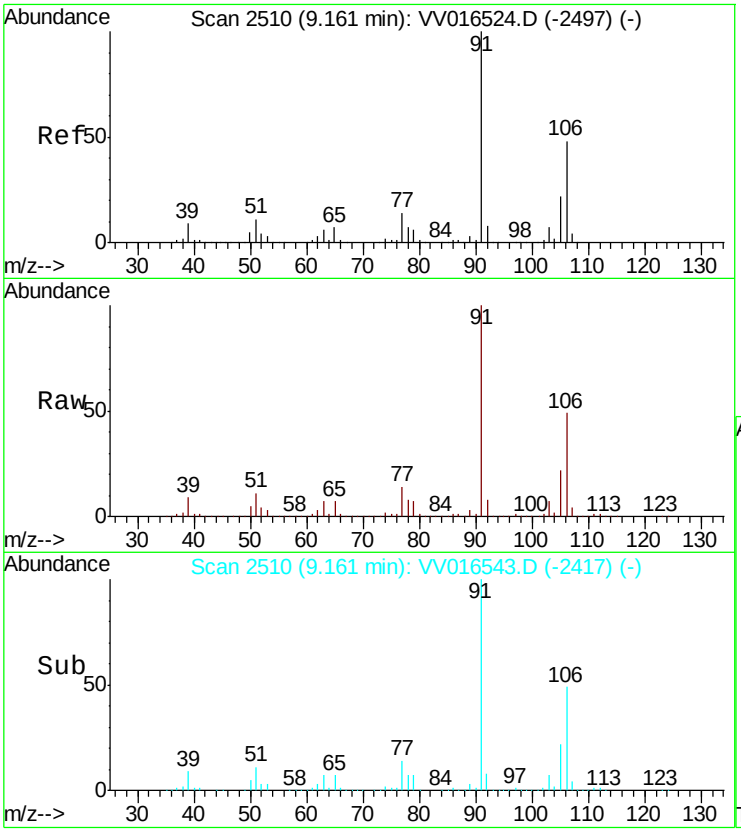


#52
Ethylbenzene
Concen: 462.096 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 91 Resp: 6323499

Ion	Ratio	Lower	Upper
91	100		
106	31.6	21.8	40.4



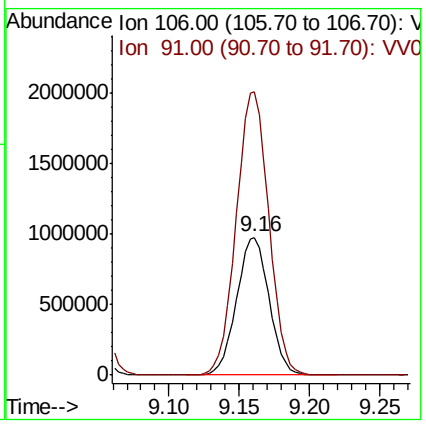


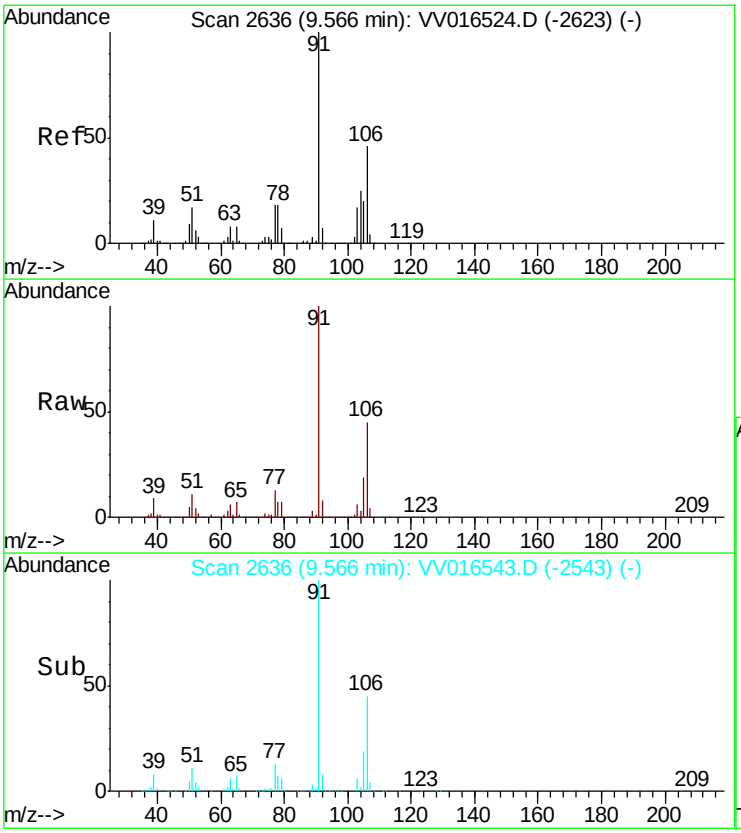
#53
m,p-Xylene
Concen: 304.704 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1572262

Ion	Ratio	Lower	Upper
106	100		
91	205.0	142.5	264.6

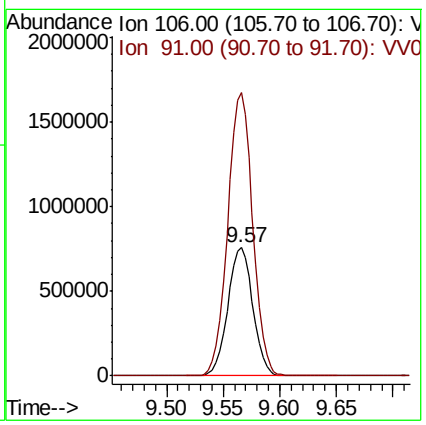


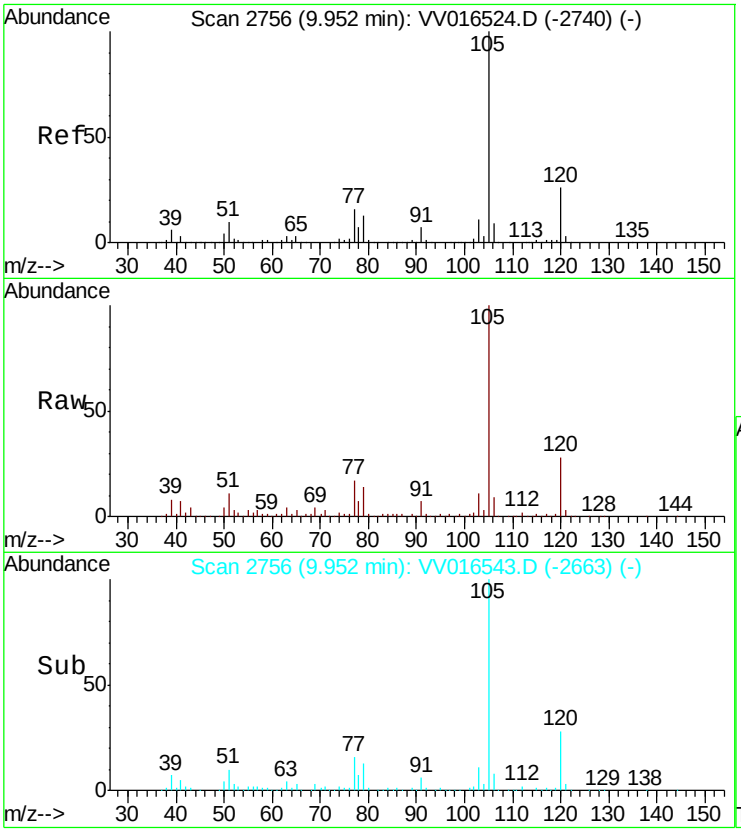


#54
o-xylene
Concen: 232.785 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion:106 Resp: 1163309

Ion	Ratio	Lower	Upper
106	100		
91	221.3	152.5	283.1



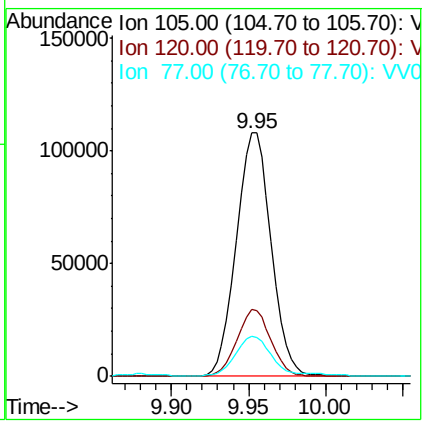


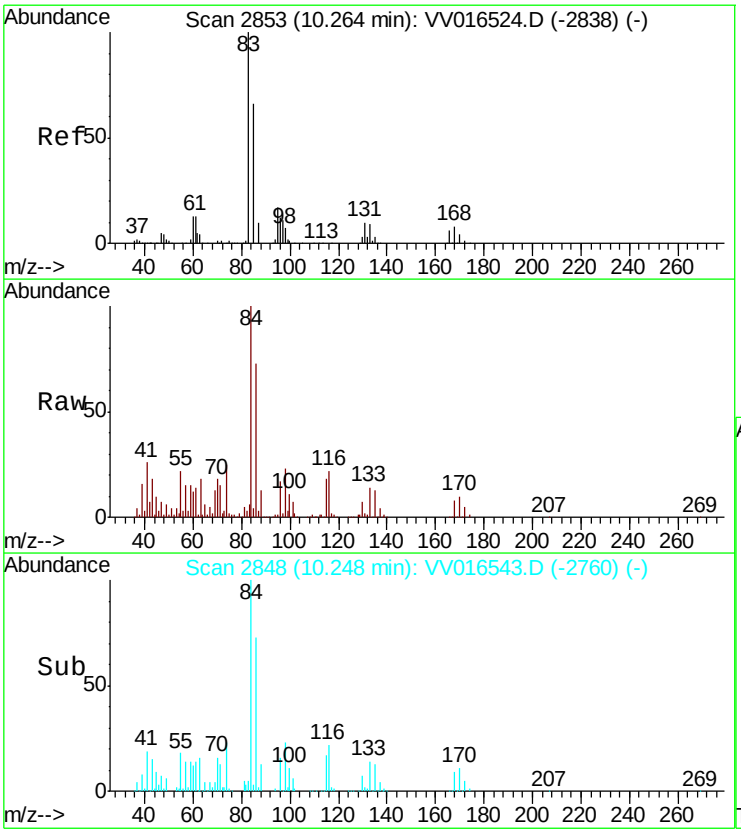
#56
Isopropylbenzene
Concen: 13.040 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 169262

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.0	31.6
77	17.2	13.0	19.4

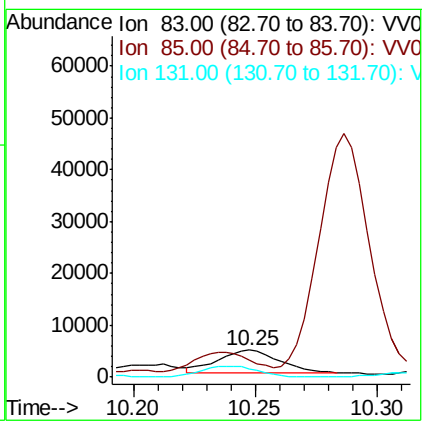


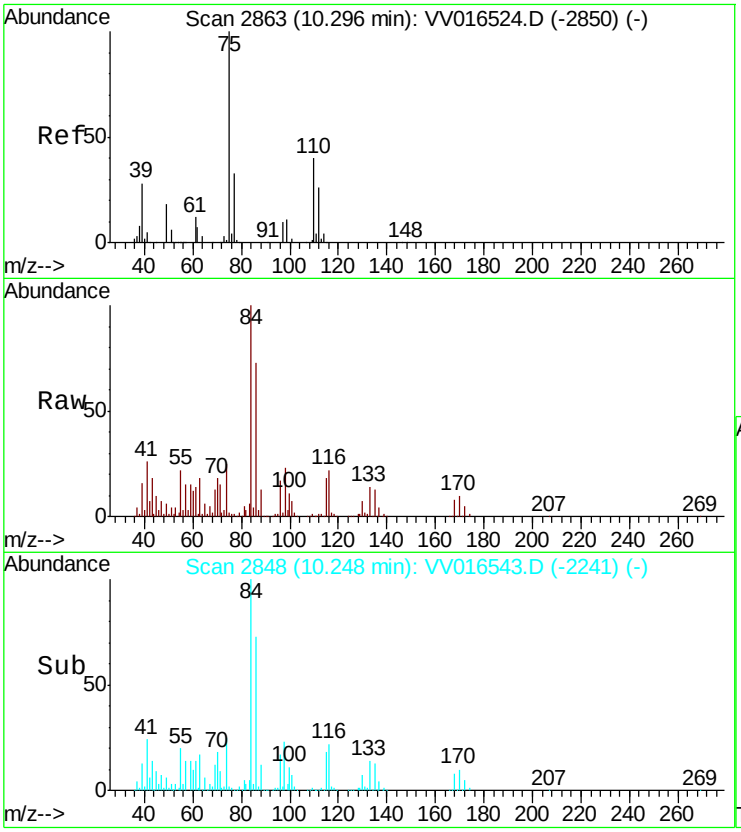


#58
1,1,2,2-Tetrachloroethane
Concen: 1.552 ug/L
RT: 10.25 min Scan# 2848
Delta R.T. -0.02 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 83 Resp: 7445

Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.0	81.6
131	31.4	7.6	11.4#



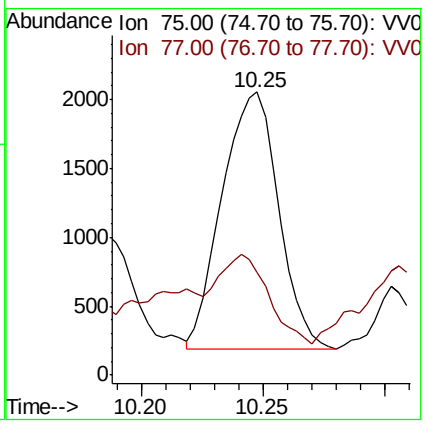


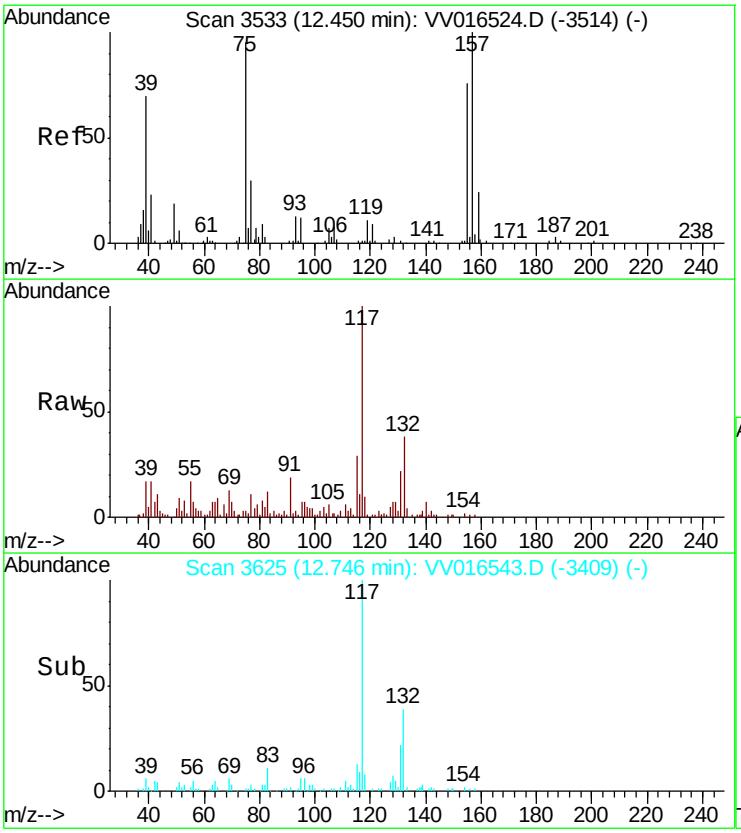
#59
1,2,3-Trichloropropane
Concen: 0.779 ug/L
RT: 10.25 min Scan# 2848
Delta R.T. -0.05 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 3007

Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.6	40.0

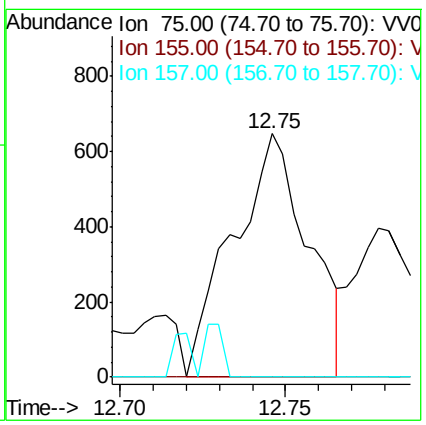


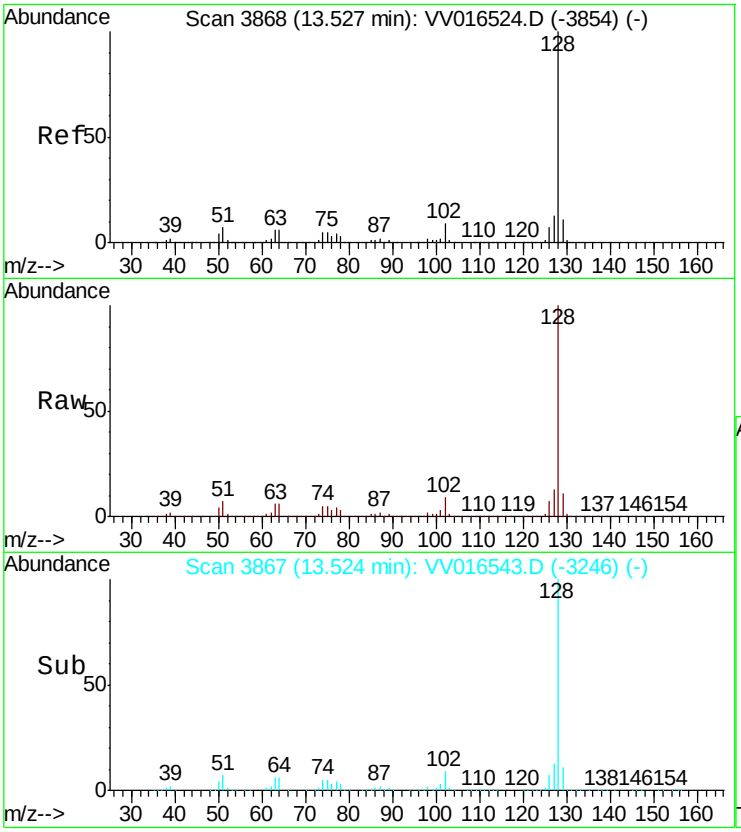


#66
1,2-Dibromo-3-chloropropane
Concen: 1.079 ug/L
RT: 12.75 min Scan# 3625
Delta R.T. 0.30 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Tgt Ion: 75 Resp: 1026

Ion	Ratio	Lower	Upper
75	100		
155	0.0	66.2	99.2#
157	0.0	83.0	124.4#





#69
Naphthalene
Concen: 92.033 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. -0.00 min
Lab File: VV016543.D
Acq: 05 Jun 2020 18:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1095626

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1