Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 06 06:33:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	380281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	374263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195169	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	109639	40.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.40%			
7) Chloroethane-d5	1.56	69	91367	46.99	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.98%			
11) 1,1-Dichloroethene-d2	2.12	63	161785	33.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.76%			
21) 2-Butanone-d5	3.90	46	193796	112.52	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.52%			
24) Chloroform-d	4.38	84	251348	49.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.46%			
26) 1,2-Dichloroethane-d4	5.10	65	184970	54.65	ug/L	0.05
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.30%			
32) Benzene-d6	5.09	84	472427	47.12	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.24%			
36) 1,2-Dichloropropane-d6	6.09	67	149437	47.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.68%			
41) Toluene-d8	7.34	98	457639	50.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.52%			
43) trans-1,3-Dichloropropene-	7.64	79	73951	48.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.16%			
47) 2-Hexanone-d5	8.11	63	149664	111.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.87%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199280	47.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.08%			
64) 1,2-Dichlorobenzene-d4	11.65	152	193450	52.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.48%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1624	0.740	ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1471	0.697	ug/L #	1
13) Acetone	2.17	43	7516	4.669	ug/L	80
15) Methyl Acetate	2.44	43	64364	21.756	ug/L #	54
27) 1,2-Dichloroethane	5.18	62	2098921	500.245	ug/L #	76
29) Cyclohexane	4.70	56	904769	203.684	ug/L	100
35) Methylcyclohexane	6.15	83	59224	14.286	ug/L	95
37) 1,2-Dichloropropane	6.20	63	10944	3.815	ug/L #	97
39) cis-1,3-Dichloropropene	7.01	75	6909	1.652	ug/L	83
40) 4-Methyl-2-pentanone	7.25	43	14565	3.690	ug/L #	75
42) Toluene	7.42	91	13559546	1162.560	ug/L	93
44) trans-1,3-Dichloropropene	7.64	75	3719	0.906	ug/L	90
53) m,p-Xylene	9.16	106	1220080	254.892	ug/L	99
54) o-xylene	9.57	106	1815314	391.585	ug/L	99
55) Styrene	9.57	104	163089	20.082	ug/L #	1
56) Isopropylbenzene	9.96	105	406818	33.785	ug/L	99
59) 1,2,3-Trichloropropane	9.41	75	3112	0.869	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 06 06:33:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,2-Dibromo-3-chloropropan	12.14	75	2083	2.255	ug/L #	3
69) Naphthalene	13.53	128	1540505	133.258	ug/L	100

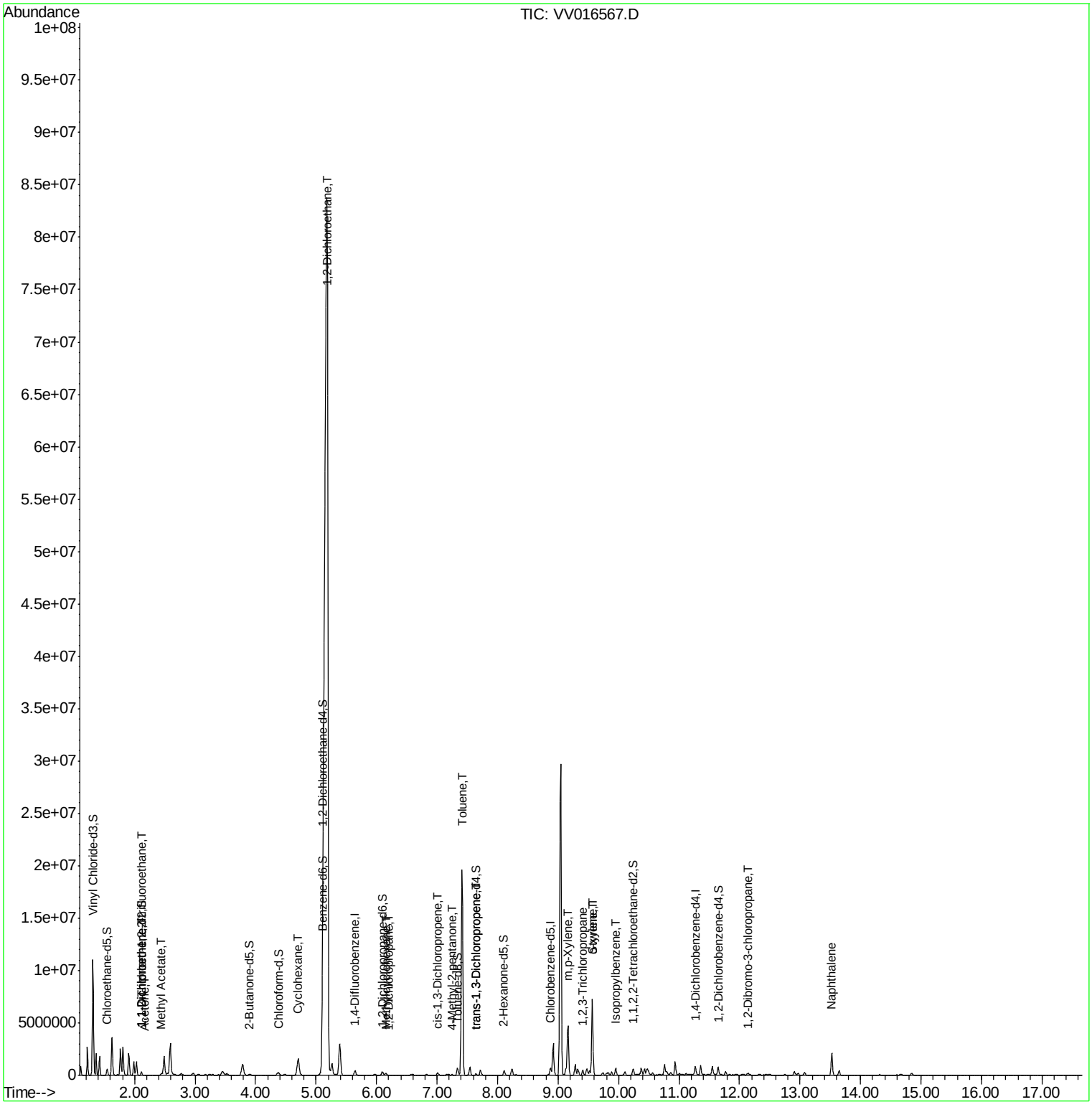
(#) = qualifier out of range (m) = manual integration (+) = signals summed

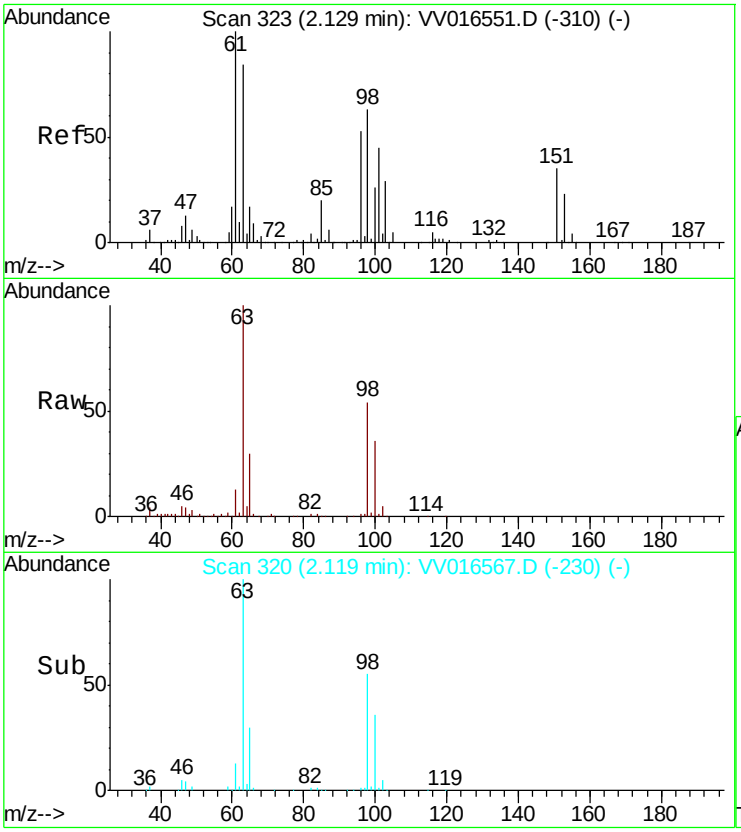
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 06 06:33:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration



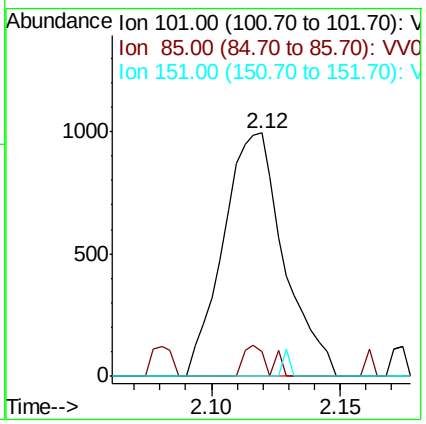


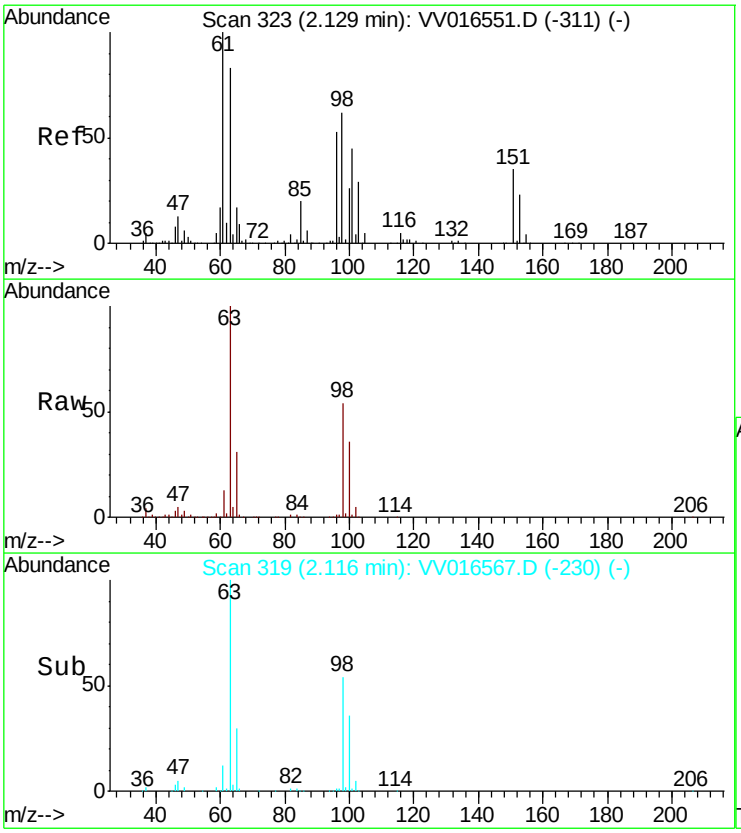
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.740 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1624

Ion	Ratio	Lower	Upper
101	100		
85	4.0	35.6	53.4#
151	0.0	61.8	92.8#

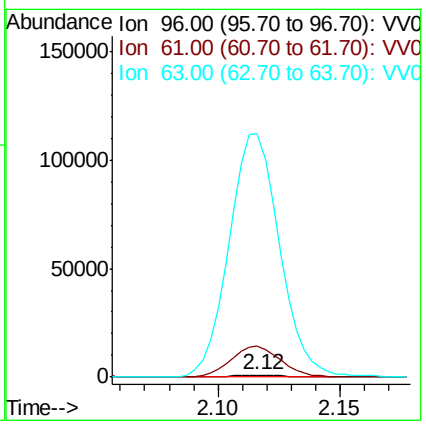


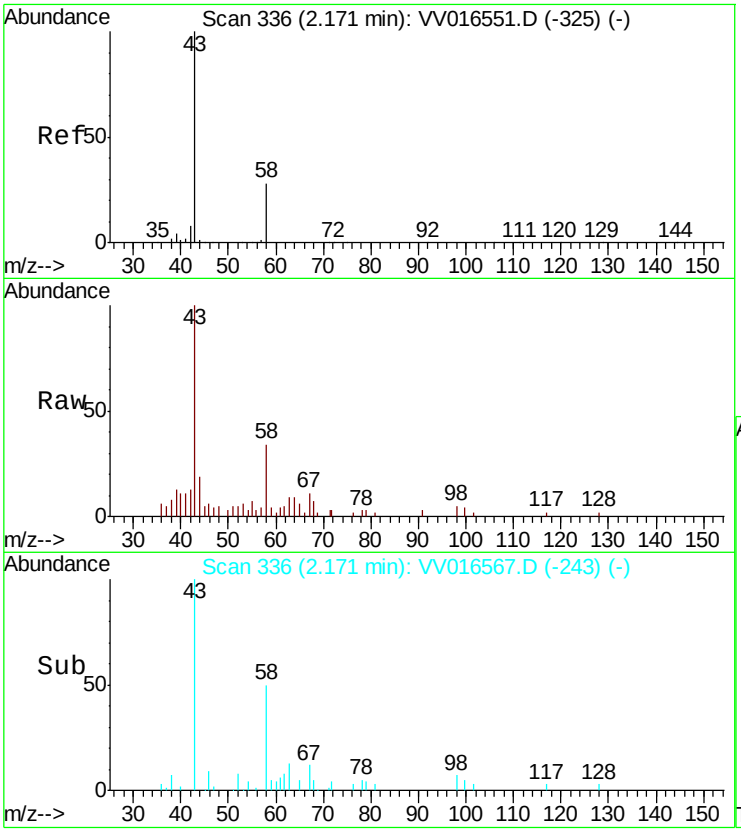


#12
1,1-Dichloroethene
Concen: 0.697 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion: 96 Resp: 1471

Ion	Ratio	Lower	Upper
96	100		
61	1593.2	125.5	233.1#
63	12675.3	104.0	193.1#



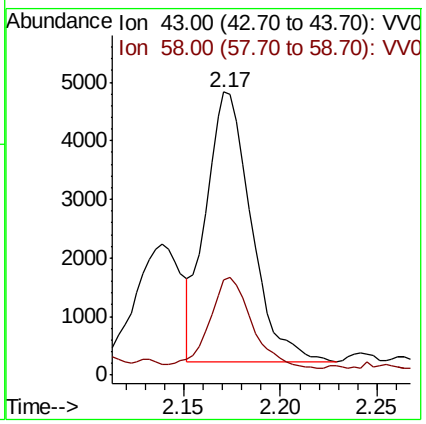


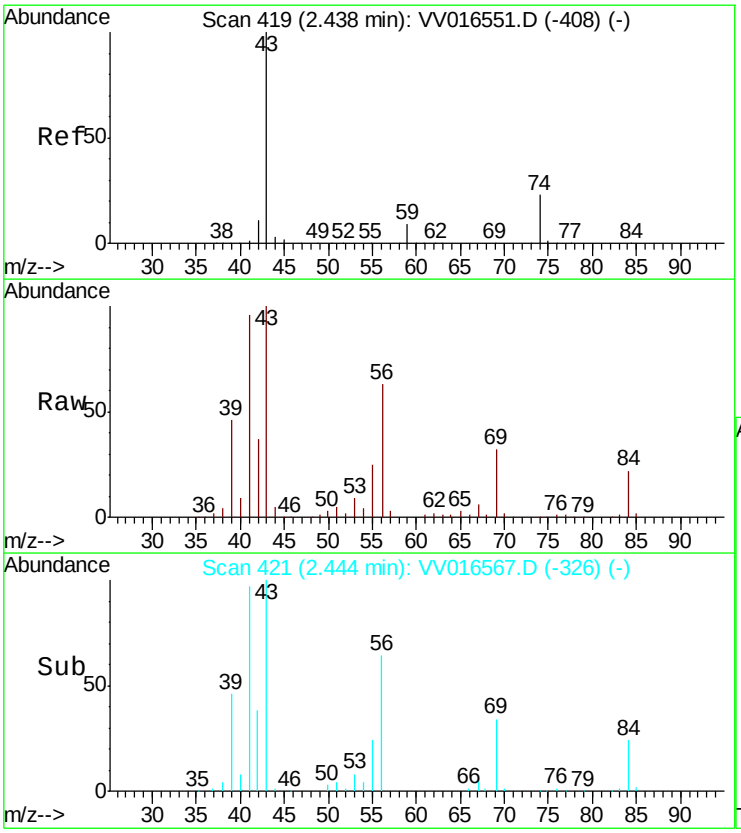
#13
Acetone
Concen: 4.669 ug/L
RT: 2.17 min Scan# 336
Delta R.T. 0.00 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 7516

Ion	Ratio	Lower	Upper
43	100		
58	39.1	0.0	57.2

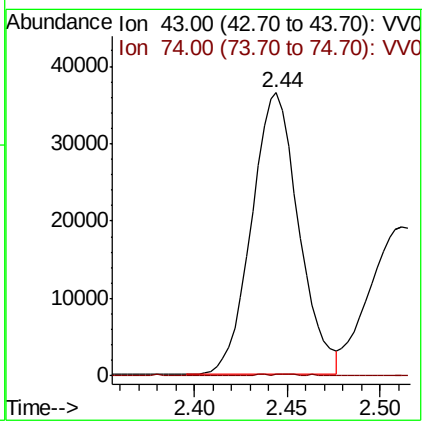


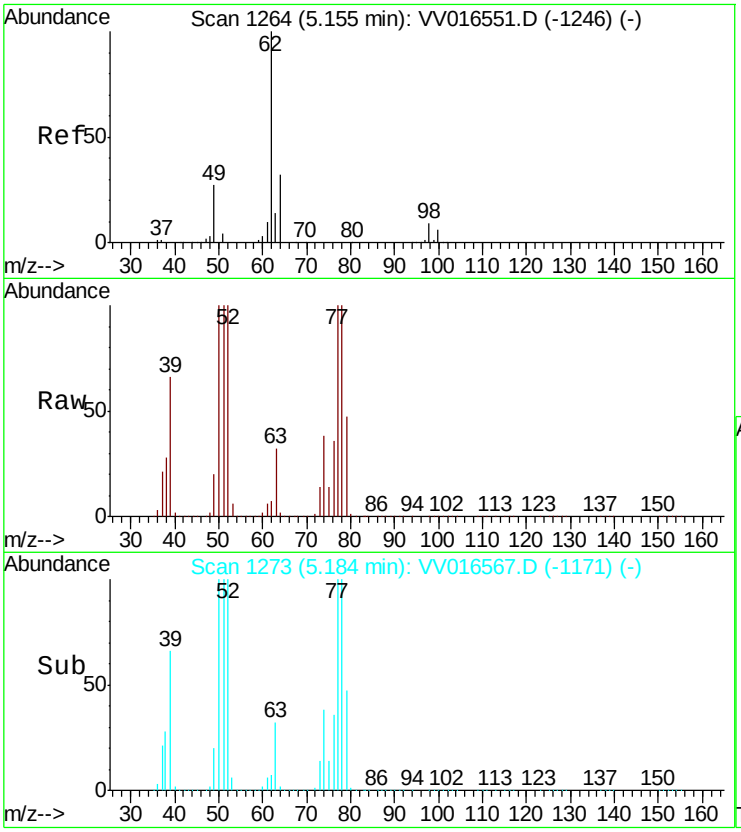


#15
Methyl Acetate
Concen: 21.756 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.01 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion: 43 Resp: 64364

Ion	Ratio	Lower	Upper
43	100		
74	0.2	18.1	27.1#



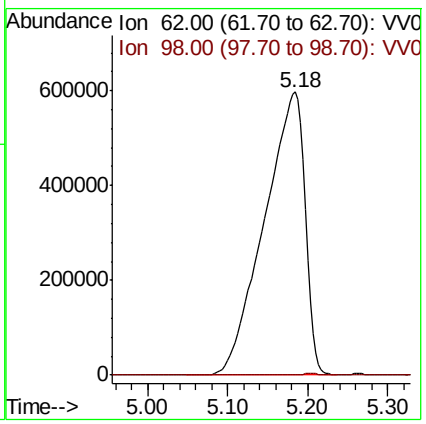


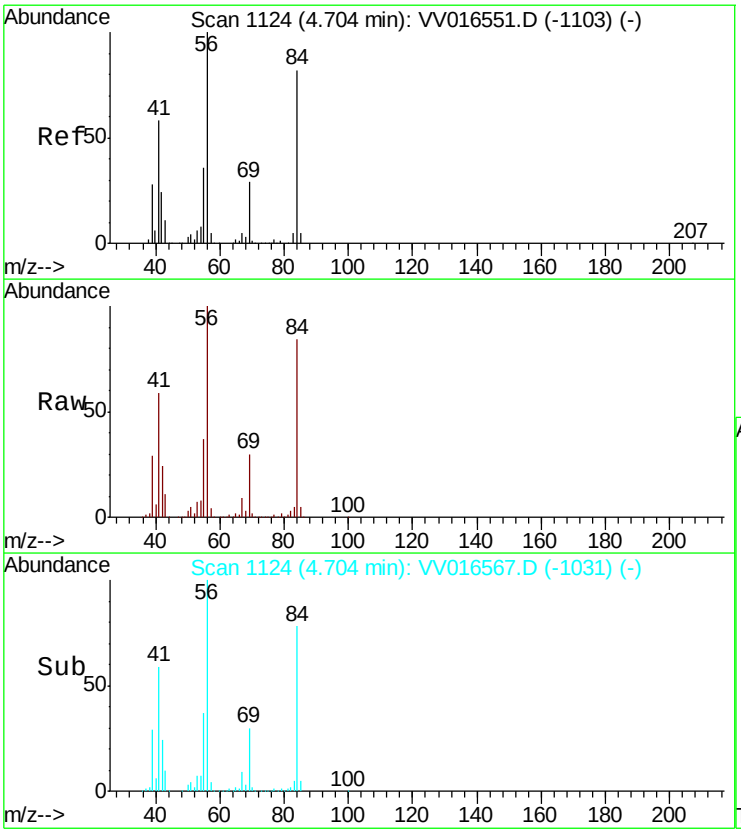
#27
1,2-Dichloroethane
Concen: 500.245 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.03 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 2098921

Ion	Ratio	Lower	Upper
62	100		
98	0.1	6.9	10.3#

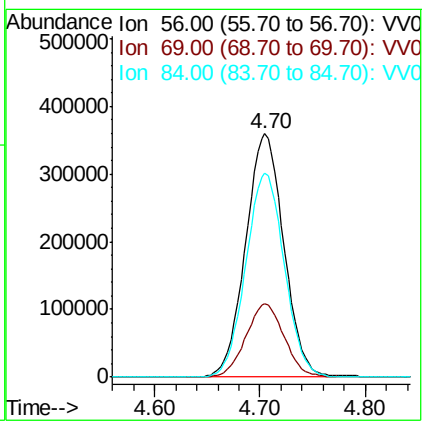


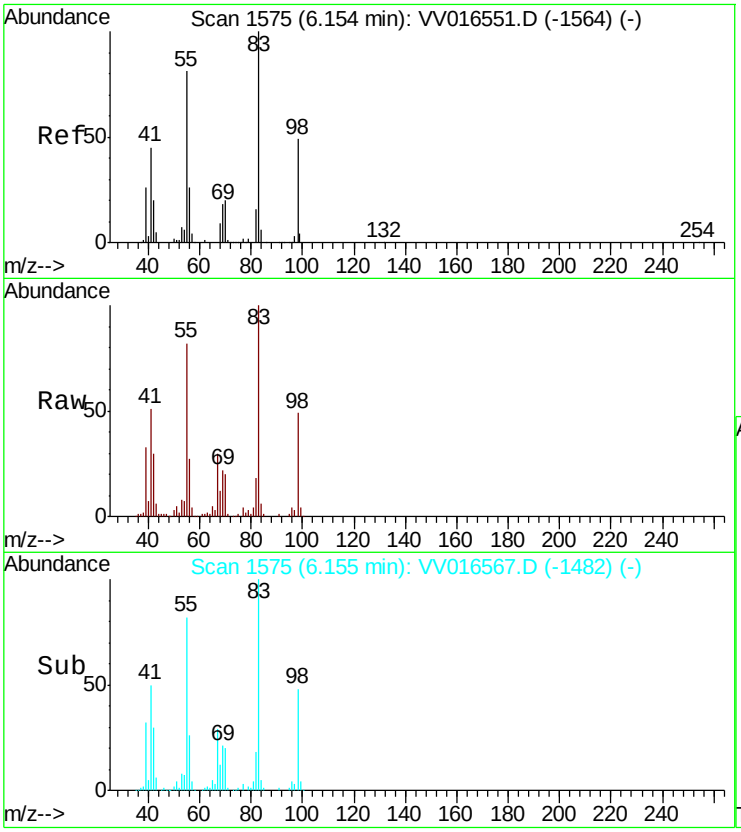


#29
Cyclohexane
Concen: 203.684 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion: 56 Resp: 904769

Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.9	35.9
84	84.9	68.2	102.2



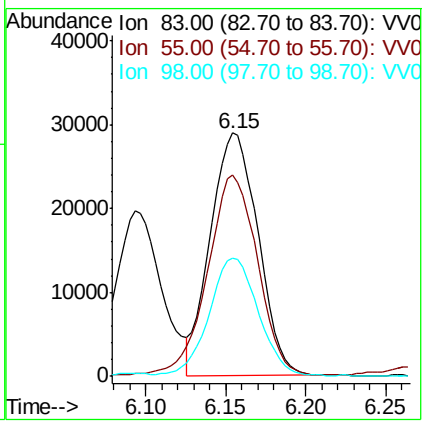


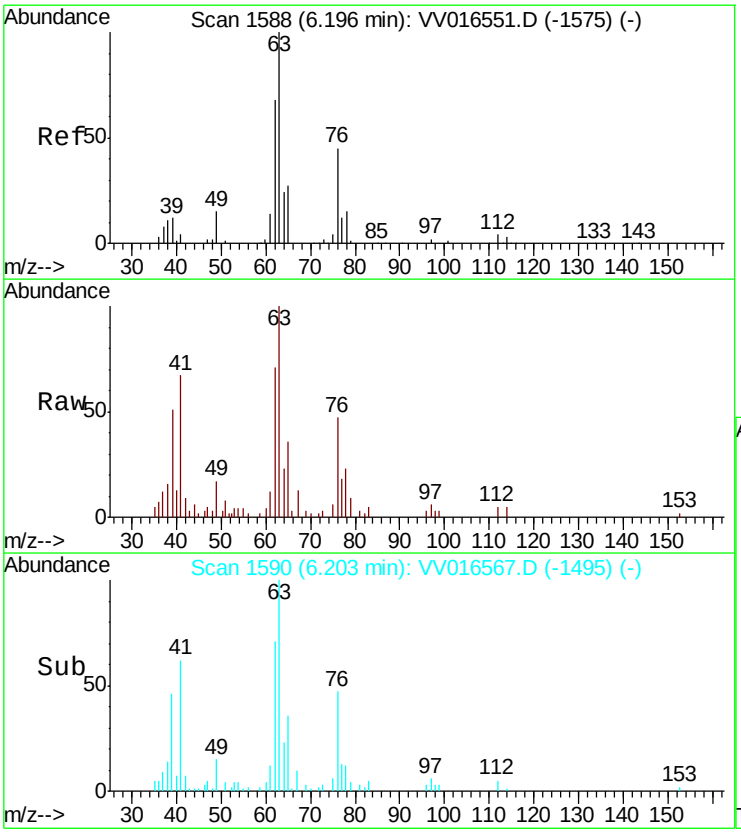
#35
Methylcyclohexane
Concen: 14.286 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 59224

Ion	Ratio	Lower	Upper
83	100		
55	85.6	63.4	95.0
98	50.4	39.4	59.0

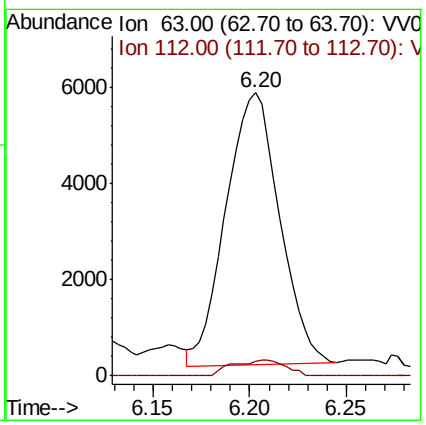


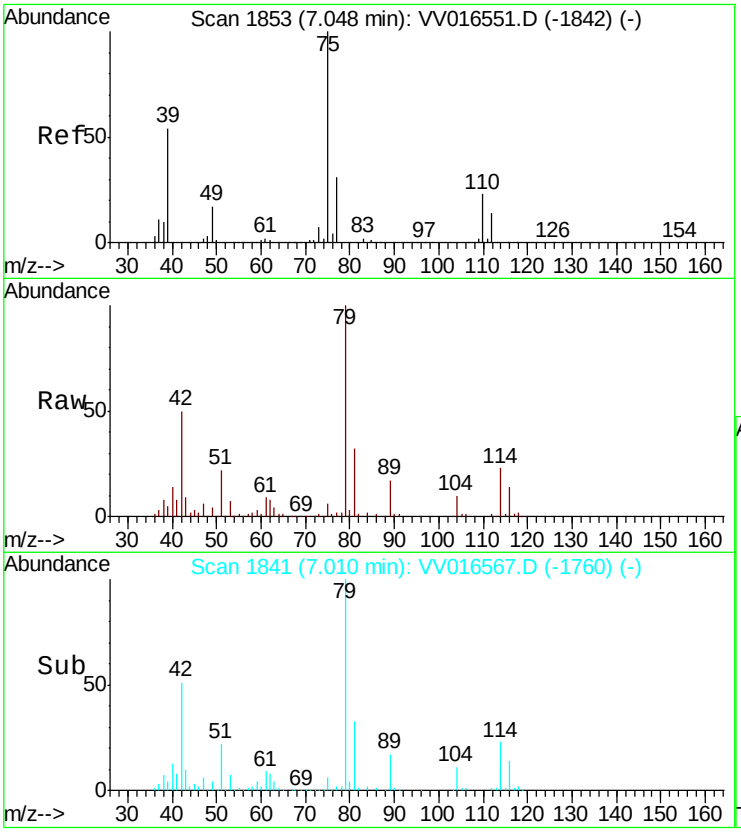


#37
1,2-Dichloropropane
Concen: 3.815 ug/L
RT: 6.20 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion: 63 Resp: 10944

Ion	Ratio	Lower	Upper
63	100		
112	3.8	3.9	5.9#



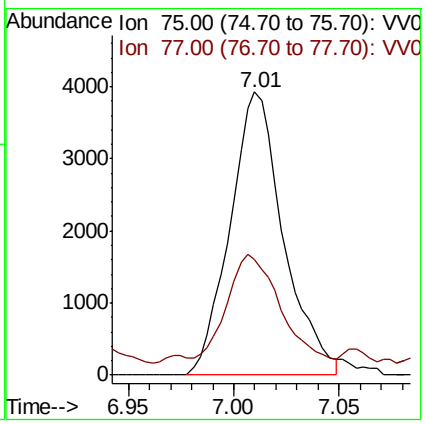


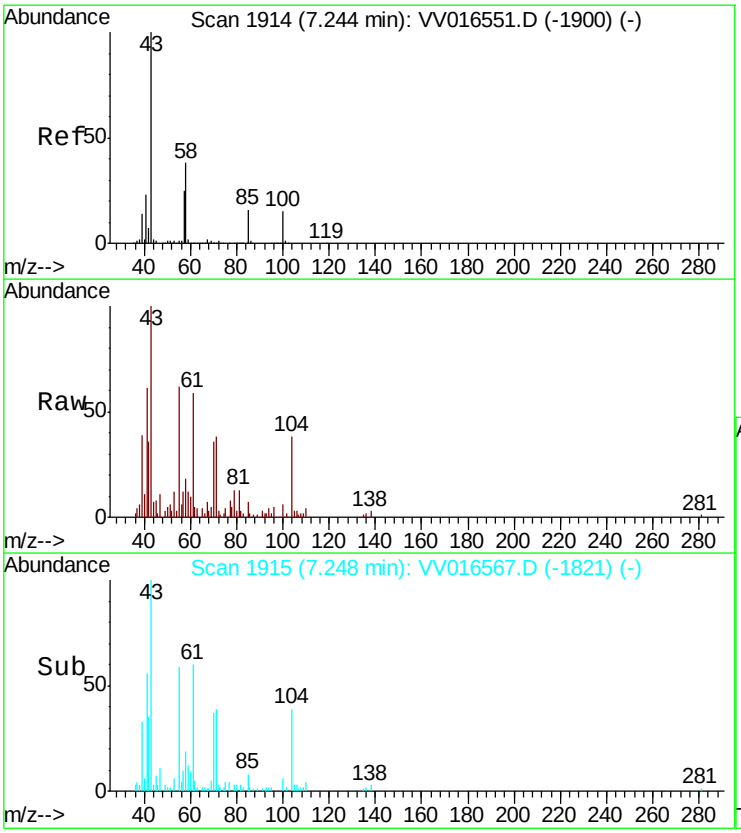
#39
cis-1,3-Dichloropropene
Concen: 1.652 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6909

Ion	Ratio	Lower	Upper
75	100		
77	40.8	22.0	41.0

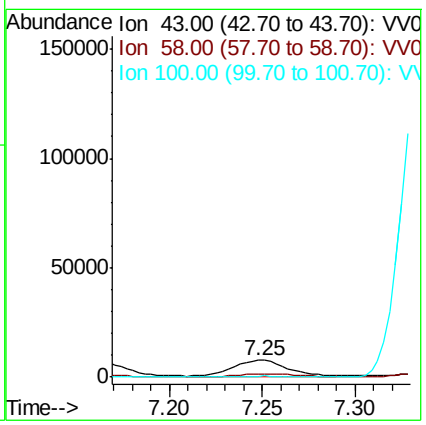


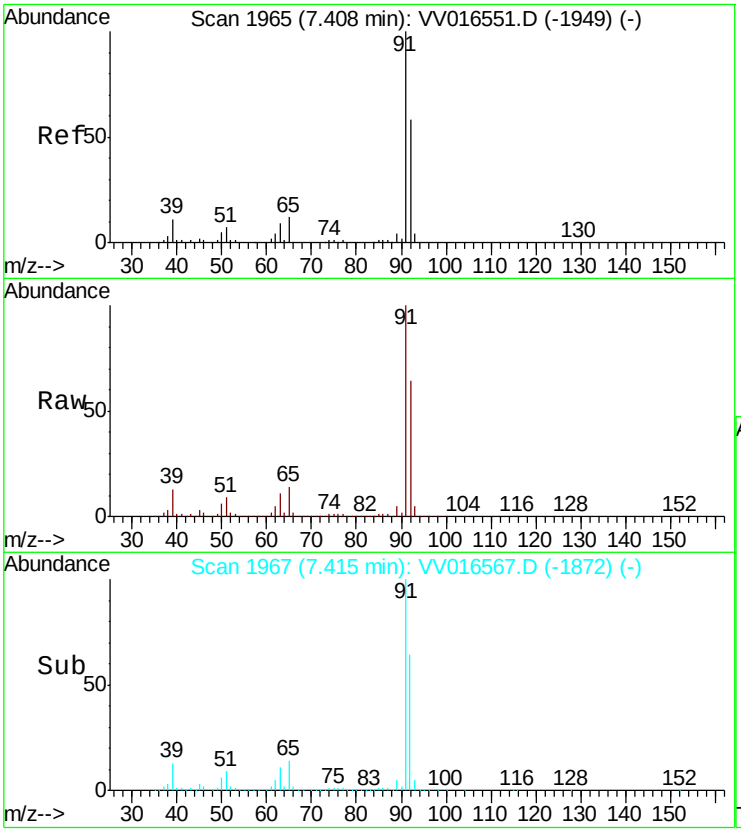


#40
4-Methyl-2-pentanone
Concen: 3.690 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion: 43 Resp: 14565

Ion	Ratio	Lower	Upper
43	100		
58	20.5	29.9	44.9#
100	7.3	11.9	17.9#



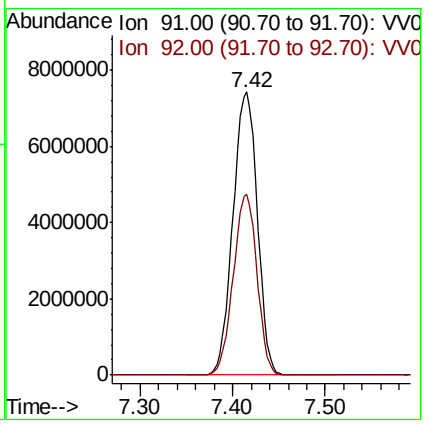


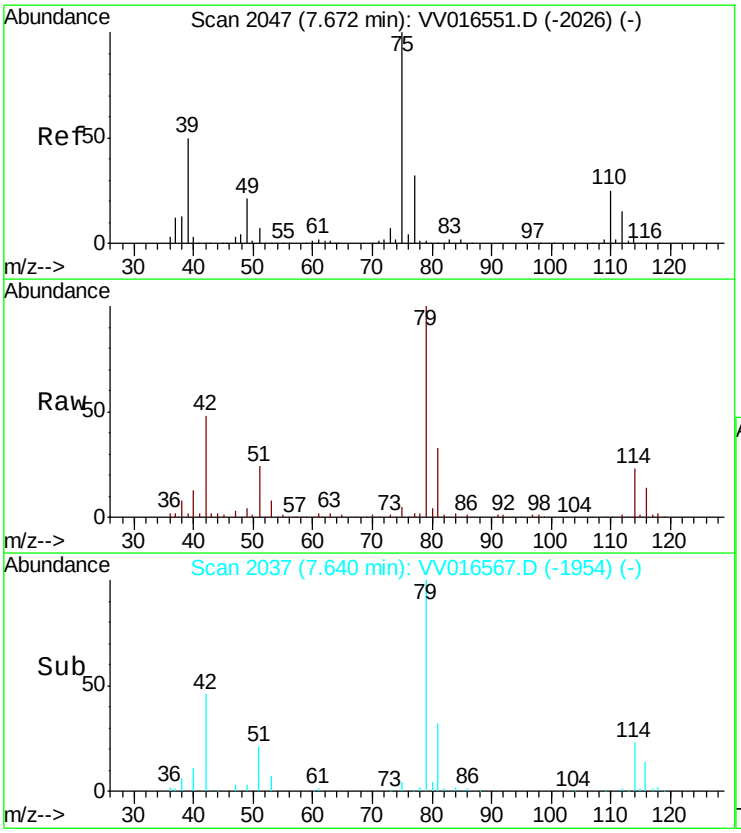
#42
Toluene
Concen: 1162.560 ug/L
RT: 7.42 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp:13559546

Ion	Ratio	Lower	Upper
91	100		
92	63.9	40.9	75.9

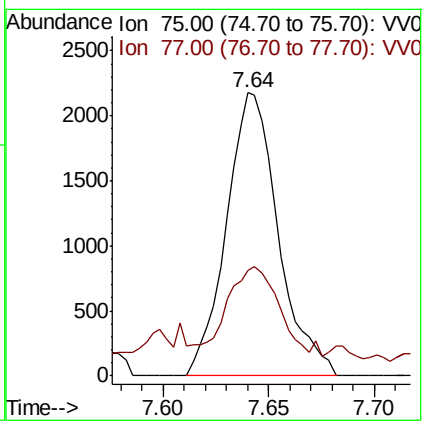


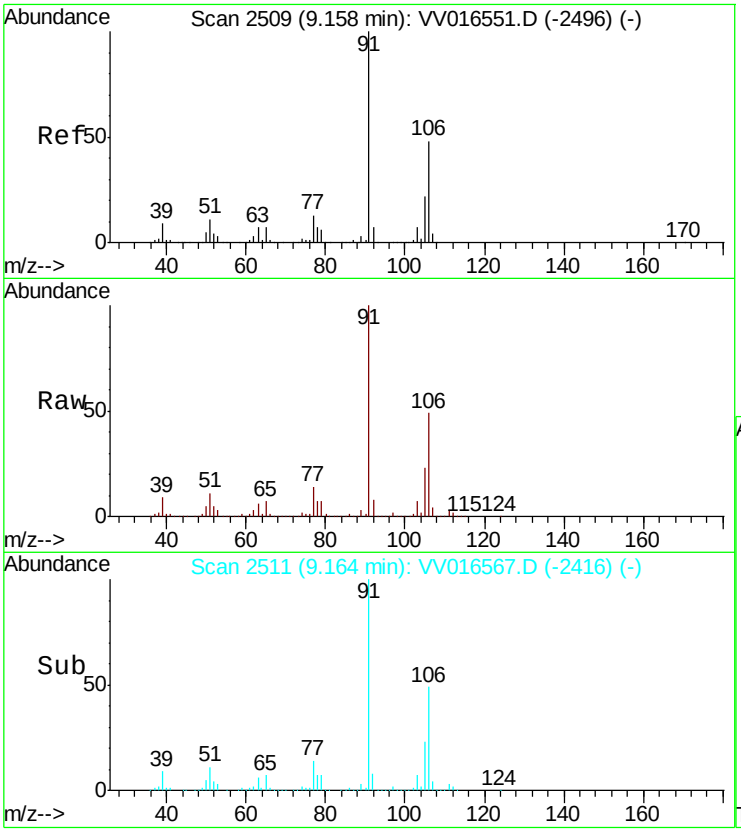


#44
trans-1,3-Dichloropropene
Concen: 0.906 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion: 75 Resp: 3719

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.2	41.2



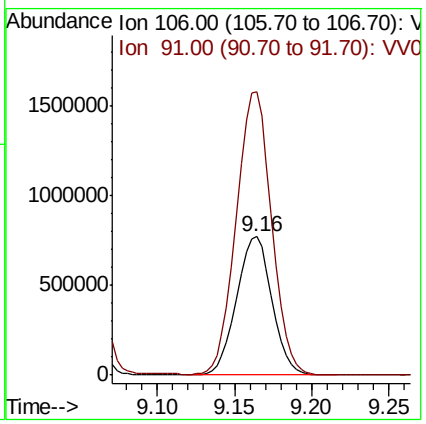


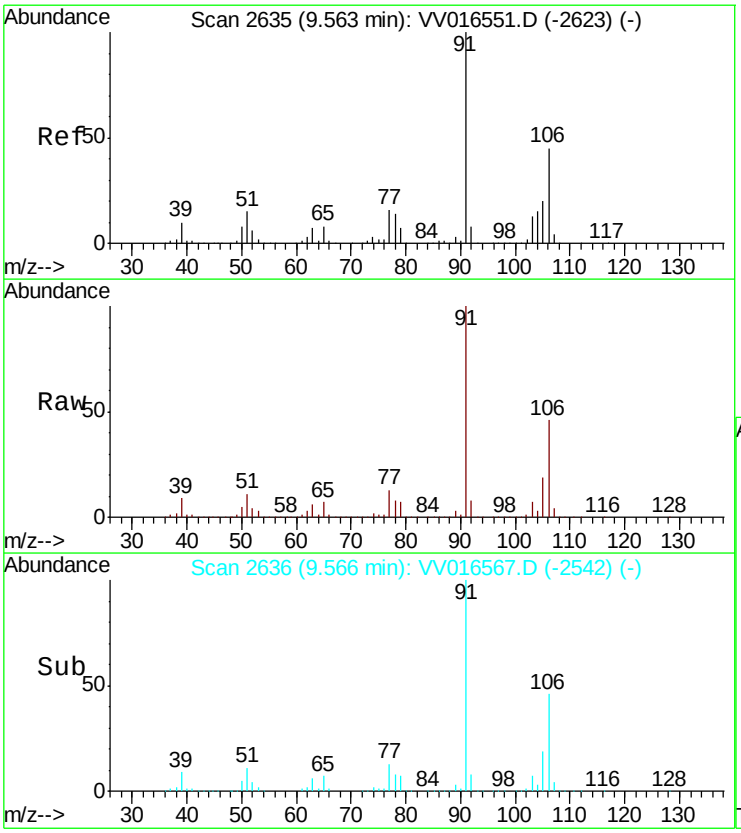
#53
m,p-Xylene
Concen: 254.892 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1220080

Ion	Ratio	Lower	Upper
106	100		
91	204.5	142.5	264.6

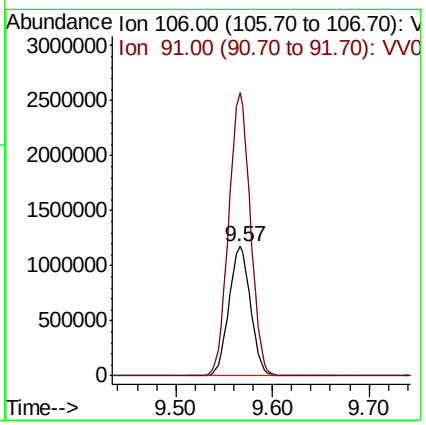


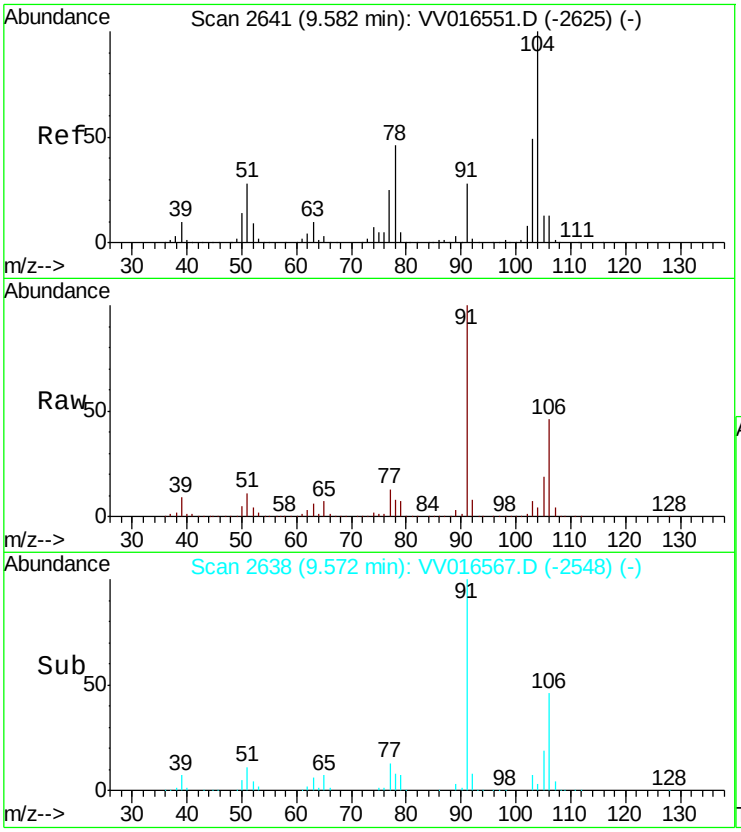


#54
o-xylene
Concen: 391.585 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion:106 Resp: 1815314

Ion	Ratio	Lower	Upper
106	100		
91	219.1	152.5	283.1



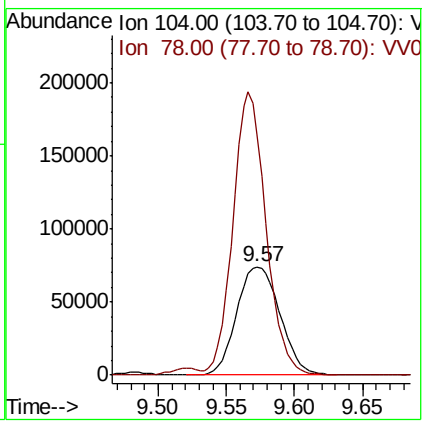


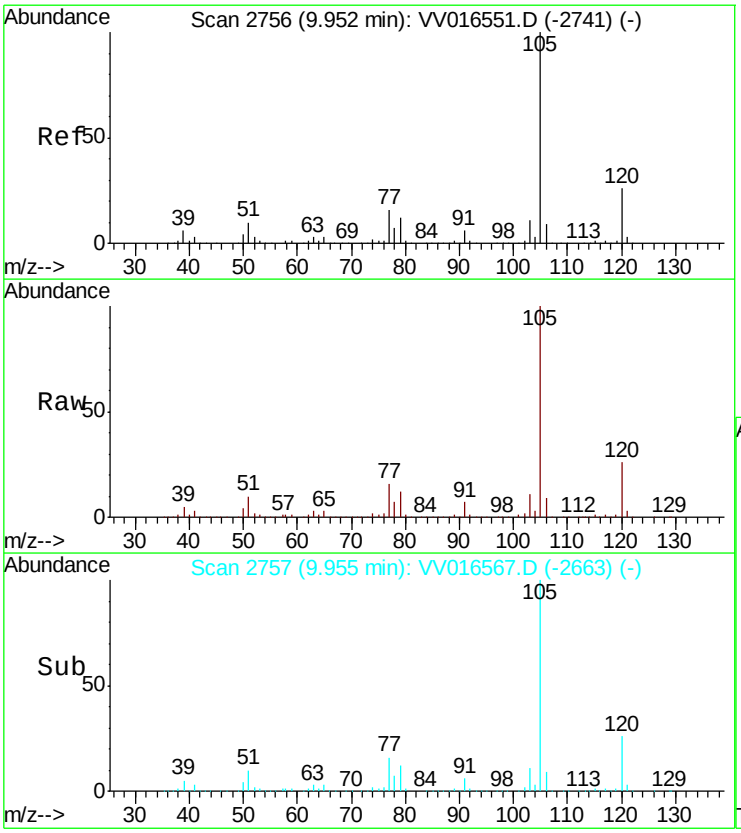
#55
Stvrene
Concen: 20.082 ug/L
RT: 9.57 min Scan# 2638
Delta R.T. -0.01 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 163089

Ion	Ratio	Lower	Upper
104	100		
78	222.4	31.9	59.3#

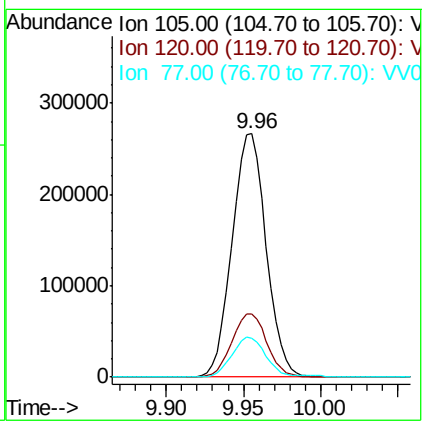


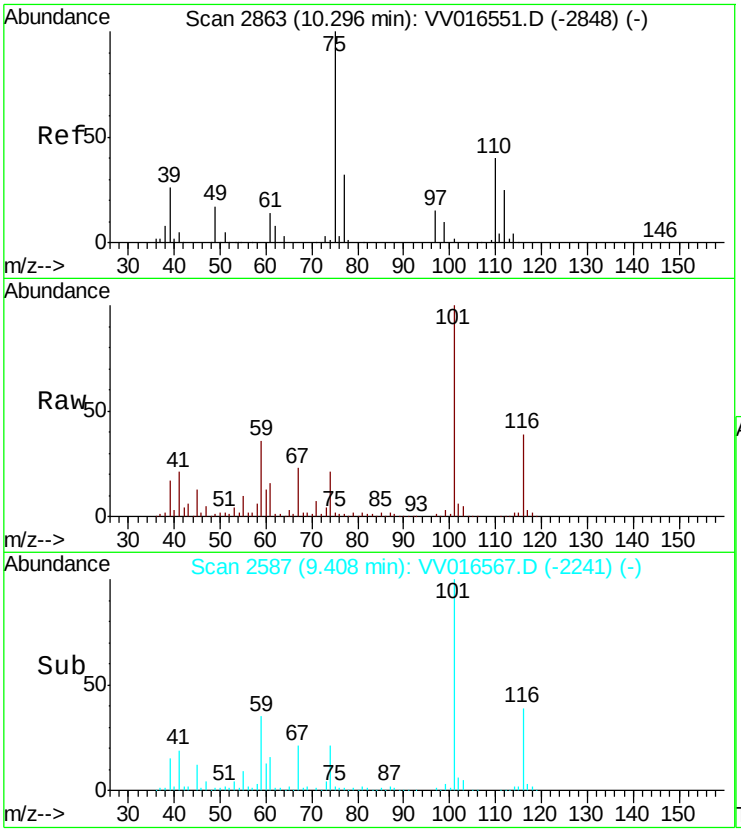


#56
Isopropylbenzene
Concen: 33.785 ug/L
RT: 9.96 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion:105 Resp: 406818

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.0	31.6
77	16.1	13.0	19.4



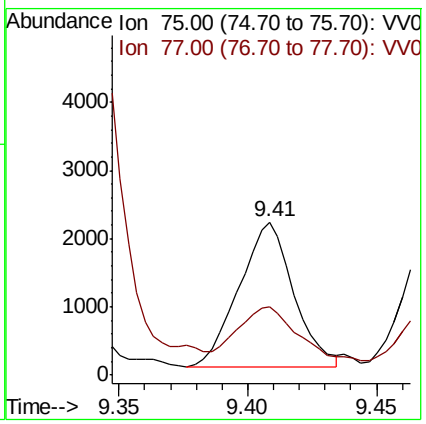


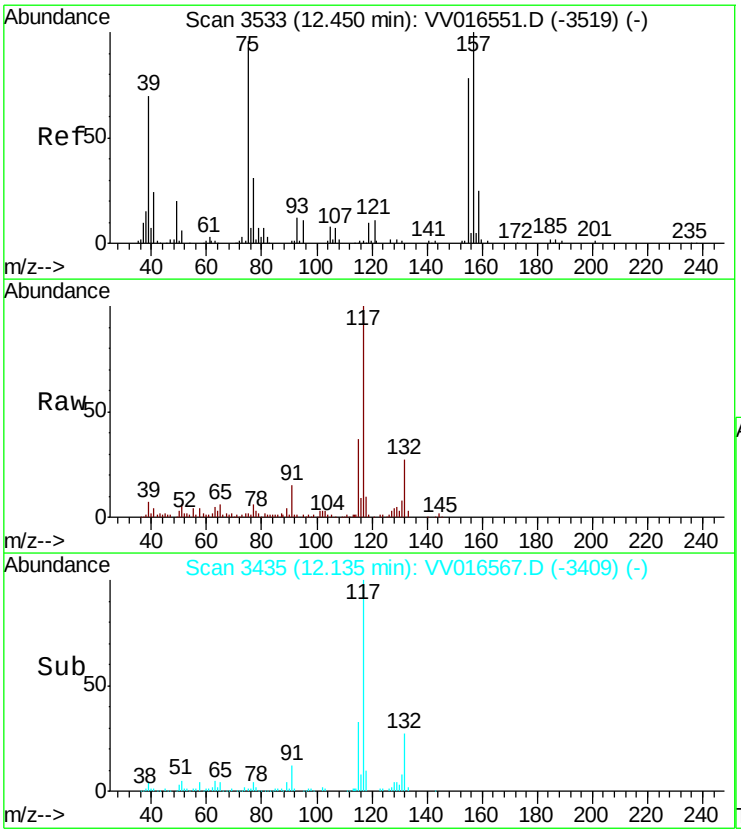
#59
1,2,3-Trichloropropane
Concen: 0.869 ug/L
RT: 9.41 min Scan# 2587
Delta R.T. -0.89 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 3112

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.6	40.0

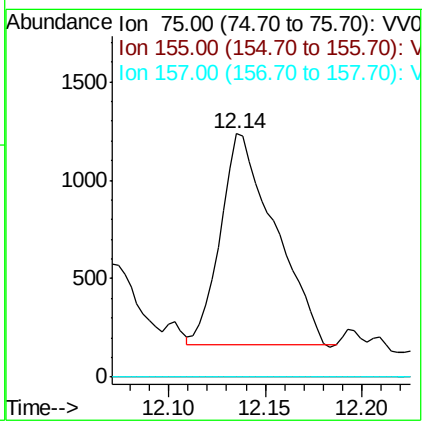


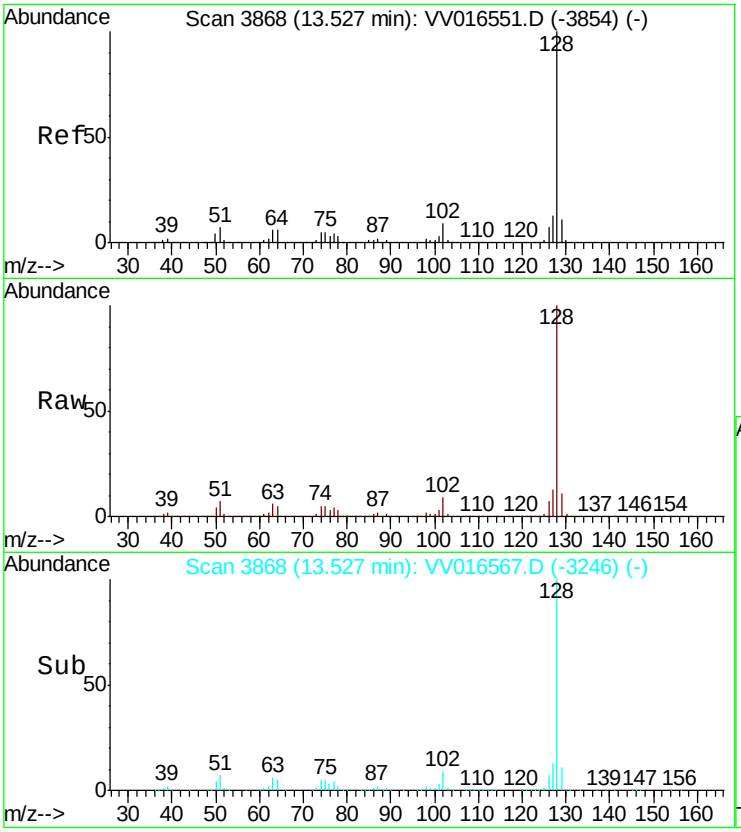


#66
1,2-Dibromo-3-chloropropane
Concen: 2.255 ug/L
RT: 12.14 min Scan# 3435
Delta R.T. -0.31 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Tgt Ion: 75 Resp: 2083

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





#69
Naphthalene
Concen: 133.258 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016567.D
Acq: 06 Jun 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1540505

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.7	13.1