Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053020\
Data File : VV016365.D
Acq On : 30 May 2020 17:25
Operator : SY/MD
Sample : L2756-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 01 05:13:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	84254	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	80765	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40797	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	33995	4.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.20%			
7) Chloroethane-d5	1.58	69	26235	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.13	63	45838	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	3.94	46	83412	52.41	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.82%			
24) Chloroform-d	4.38	84	58329	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.06	65	31617	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.08	84	117502	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.10	67	35193	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.34	98	109864	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
45) trans-1,3-Dichloropropene-	7.64	79	12585	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
48) 2-Hexanone-d5	8.11	63	69425	58.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.76%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24577	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	40085	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
8) Chloroethane	1.59	64	454	0.100	ug/L #	41
22) cis-1,2-Dichloroethene	3.94	96	648	0.102	ug/L	77
27) 1,2-Dichloroethane	5.08	62	782	0.104	ug/L #	76
29) 1,1,1-Trichloroethane	4.64	97	33526	3.521	ug/L	98
30) Cyclohexane	4.69	56	9059	0.884	ug/L #	68
31) Carbon tetrachloride	4.63	117	4025	0.491	ug/L	97
34) Trichloroethene	5.94	95	98388	15.693	ug/L	98
35) Methylcyclohexane	6.15	83	93635	9.272	ug/L	99
37) 1,2-Dichloropropane	6.15	63	1149	0.190	ug/L #	89
38) Bromodichloromethane	6.49	83	366	0.050	ug/L #	74
39) cis-1,3-Dichloropropene	7.01	75	998	0.125	ug/L #	39
40) 4-Methyl-2-pentanone	7.29	43	5446	1.491	ug/L #	50
42) Toluene	7.41	91	118913	4.678	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	581610	25.796	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	1364647	59.407	ug/L	100
46) trans-1,3-Dichloropropene	7.64	75	572	0.087	ug/L #	81
47) 1,1,2-Trichloroethane	7.81	97	18324	4.738	ug/L #	17

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053020\
Data File : VV016365.D
Acq On : 30 May 2020 17:25
Operator : SY/MD
Sample : L2756-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 01 05:13:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Tetrachloroethene	8.00	164	70099	15.244	ug/L		98
51) Dibromochloromethane	8.00	129	69626	17.220	ug/L	#	9
54) Ethylbenzene	9.03	91	191573	6.833	ug/L		98
55) m,p-xylene	9.16	106	627125	59.764	ug/L		100
56) o-xylene	9.57	106	219597	22.220	ug/L		98
57) Styrene	9.58	104	410096	24.302	ug/L		99
58) Isopropylbenzene	9.95	105	28574	1.061	ug/L		98
60) 1,1,2,2-Tetrachloroethane	10.26	83	724	0.148	ug/L	#	26
63) 1,3-Dichlorobenzene	11.21	146	1362	0.108	ug/L		87
67) 1,2-Dibromo-3-chloropropan	12.43	75	1073	1.407	ug/L	#	9
70) Naphthalene	13.54	128	15987970	859.420	ug/L	#	94

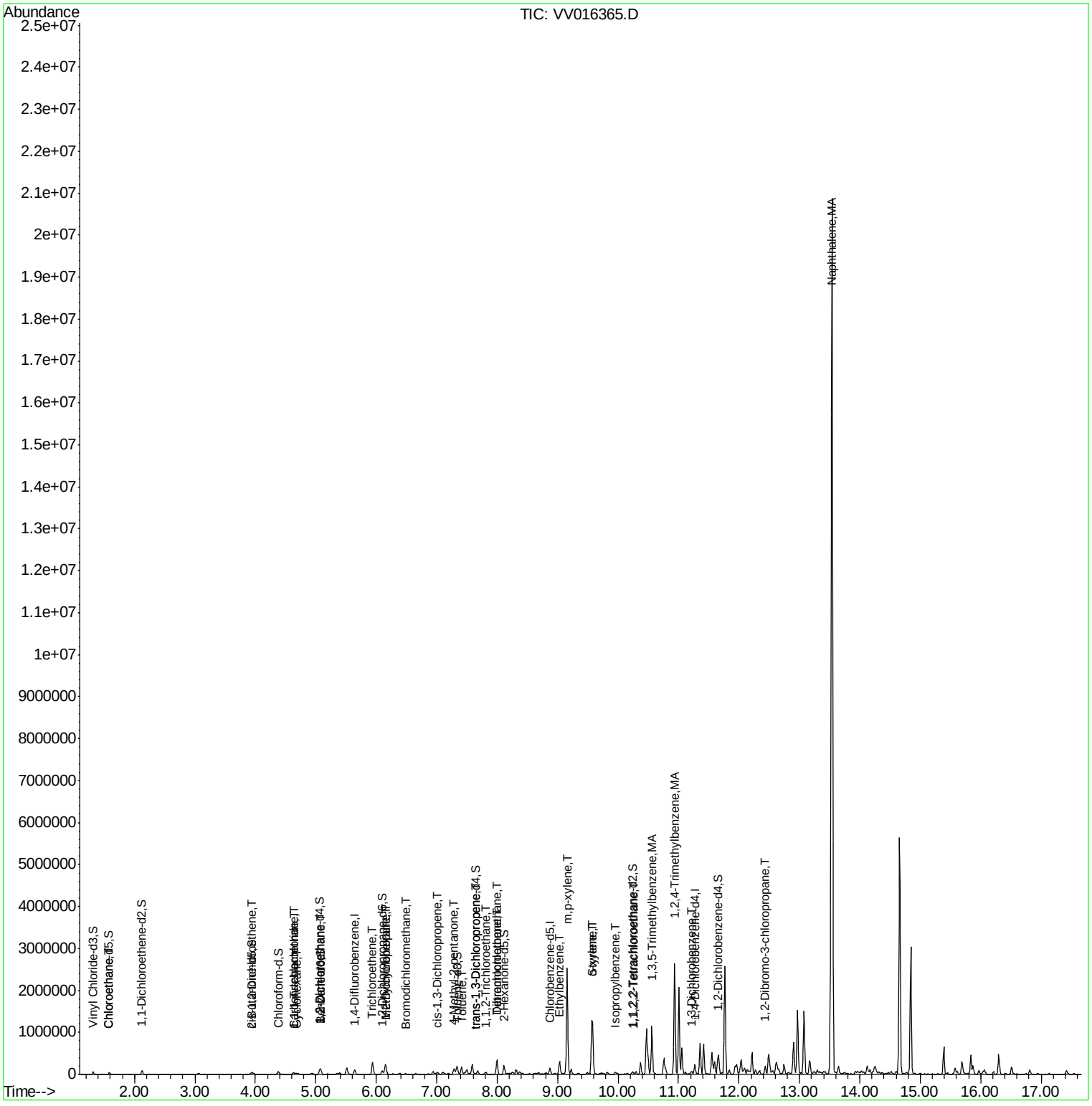
(#) = qualifier out of range (m) = manual integration (+) = signals summed

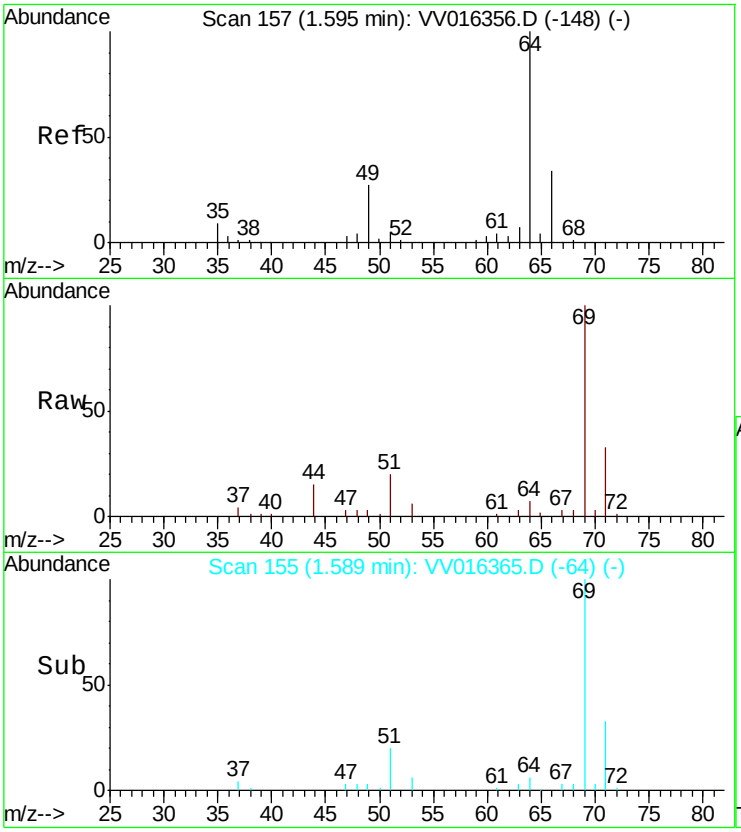
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053020\
Data File : VV016365.D
Acq On : 30 May 2020 17:25
Operator : SY/MD
Sample : L2756-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 01 05:13:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration



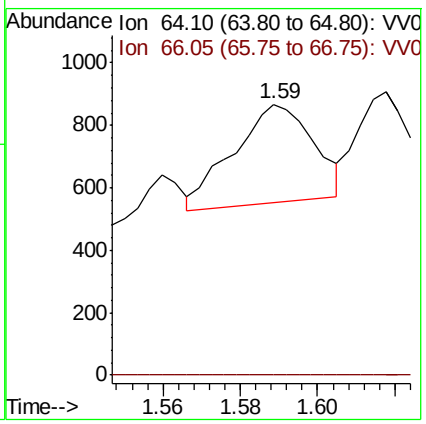


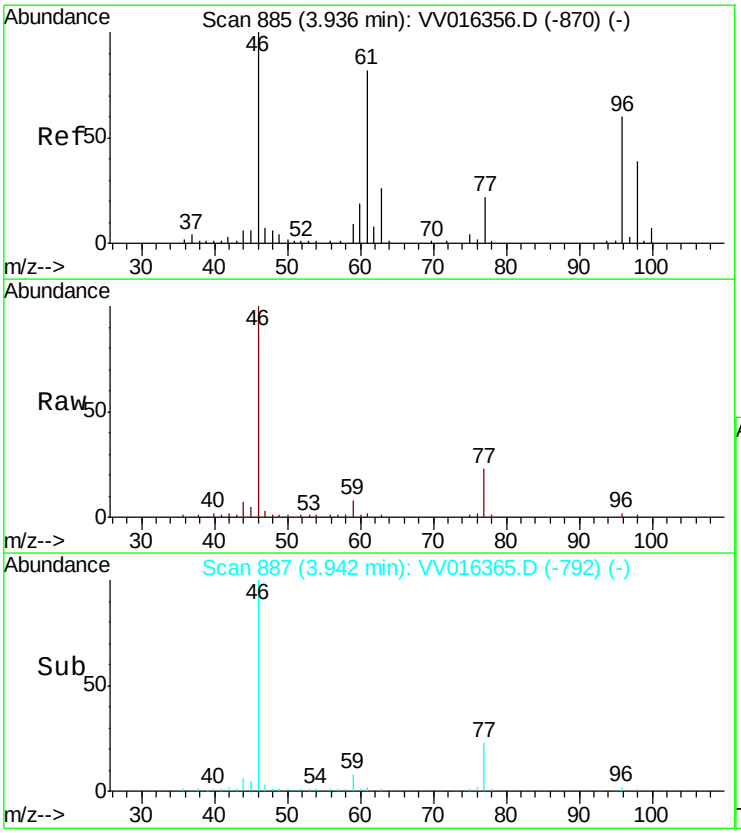
#8
Chloroethane
Concen: 0.100 ug/L
RT: 1.59 min Scan# 155
Delta R.T. -0.01 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 454

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	43.6#

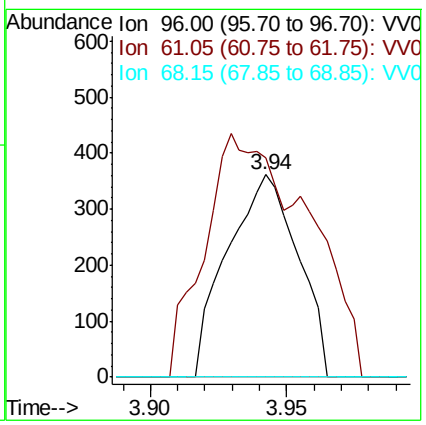


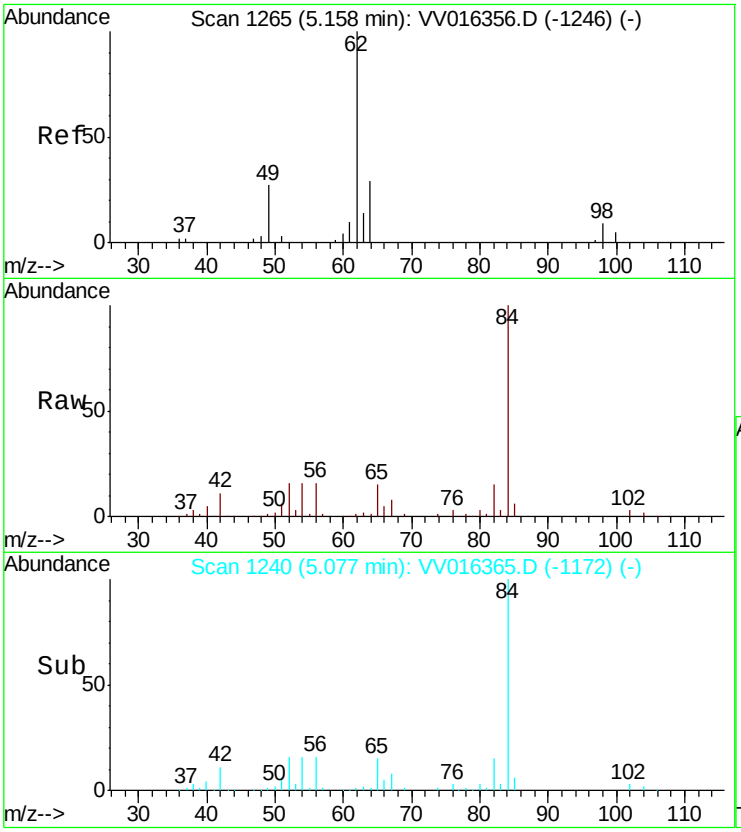


#22
cis-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion: 96 Resp: 648

Ion	Ratio	Lower	Upper
96	100		
61	108.0	94.8	176.0
68	0.0	0.0	0.0



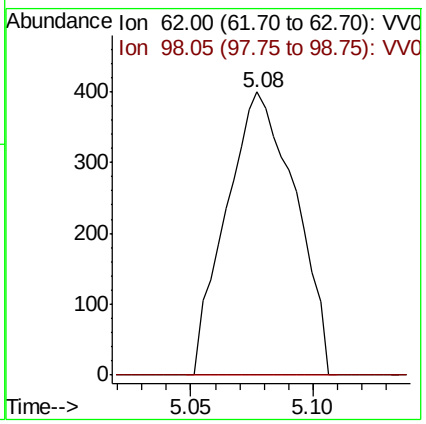


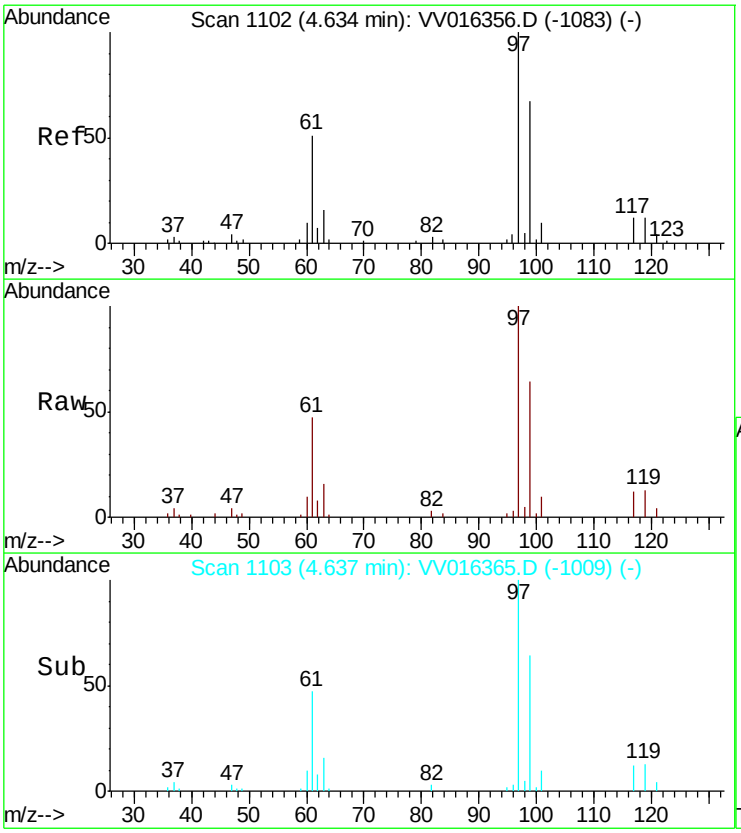
#27
1,2-Dichloroethane
Concen: 0.104 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 782

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#

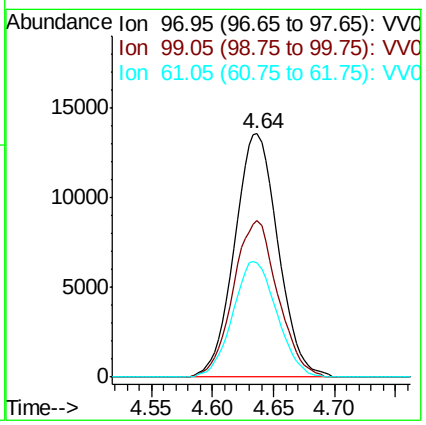


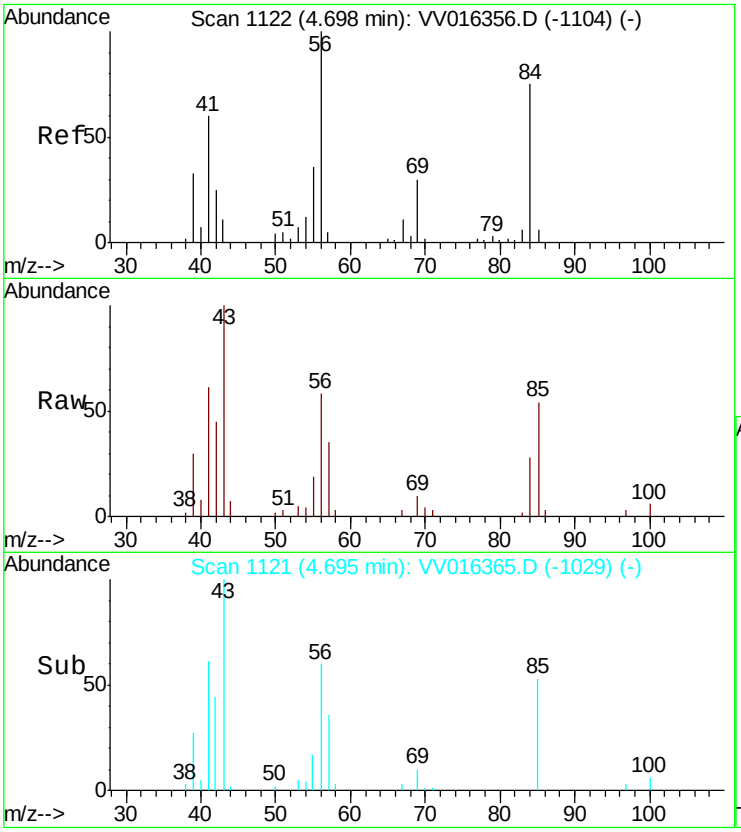


#29
1,1,1-Trichloroethane
Concen: 3.521 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion: 97 Resp: 33526

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.0	78.0
61	48.0	39.8	59.6



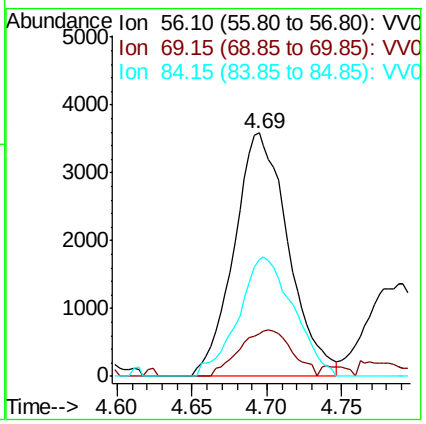


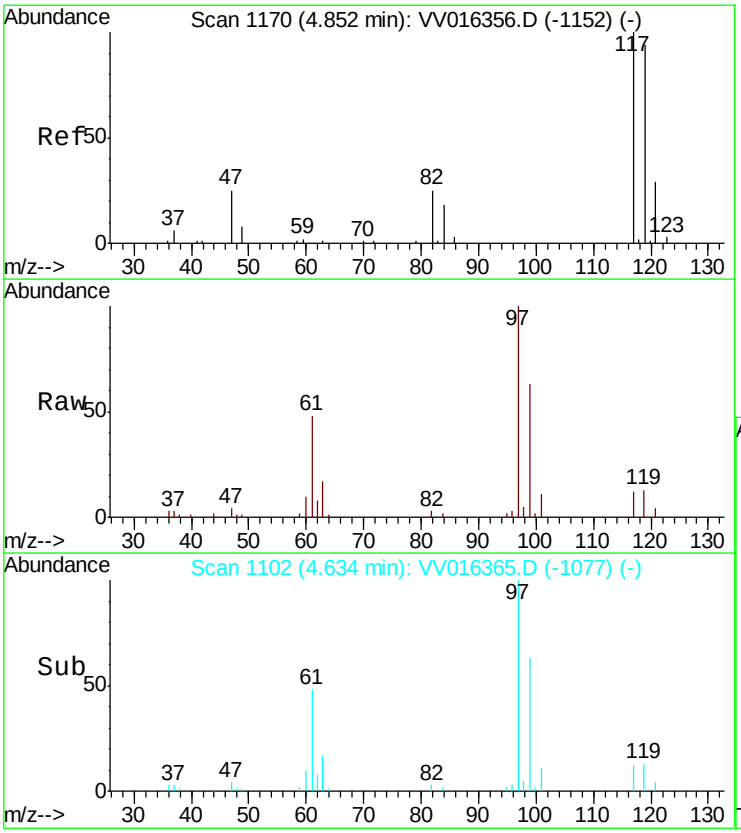
#30
Cyclohexane
Concen: 0.884 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 9059

Ion	Ratio	Lower	Upper
56	100		
69	18.3	23.5	35.3#
84	49.8	65.8	98.8#

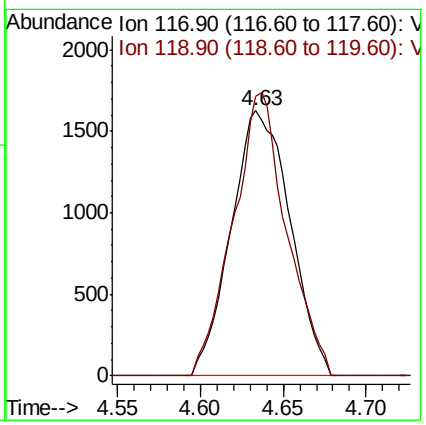


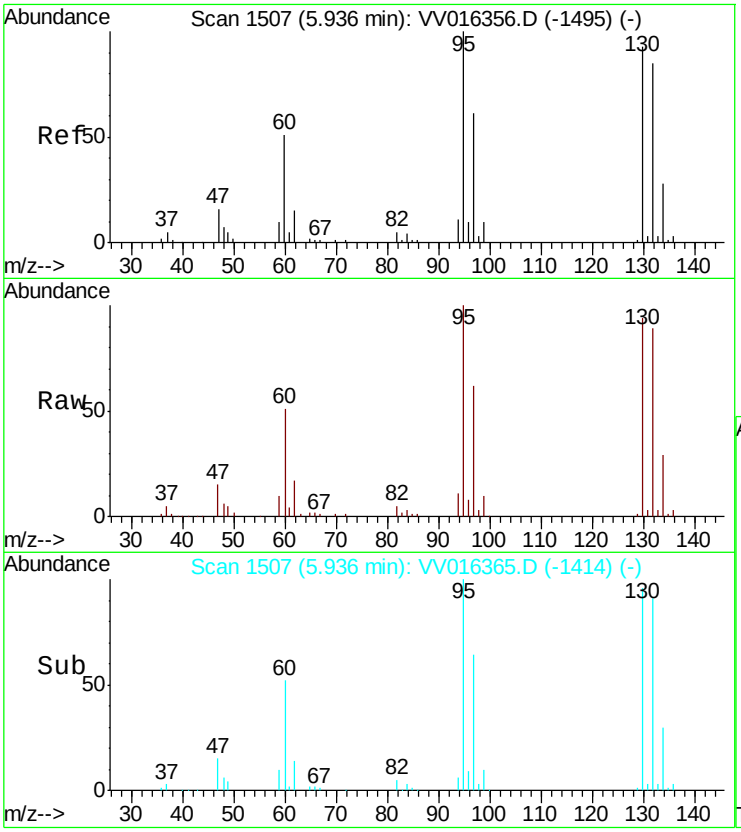


#31
Carbon tetrachloride
Concen: 0.491 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. -0.22 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:117 Resp: 4025

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.3	112.9



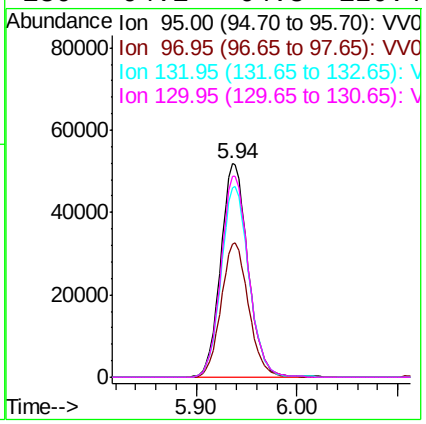


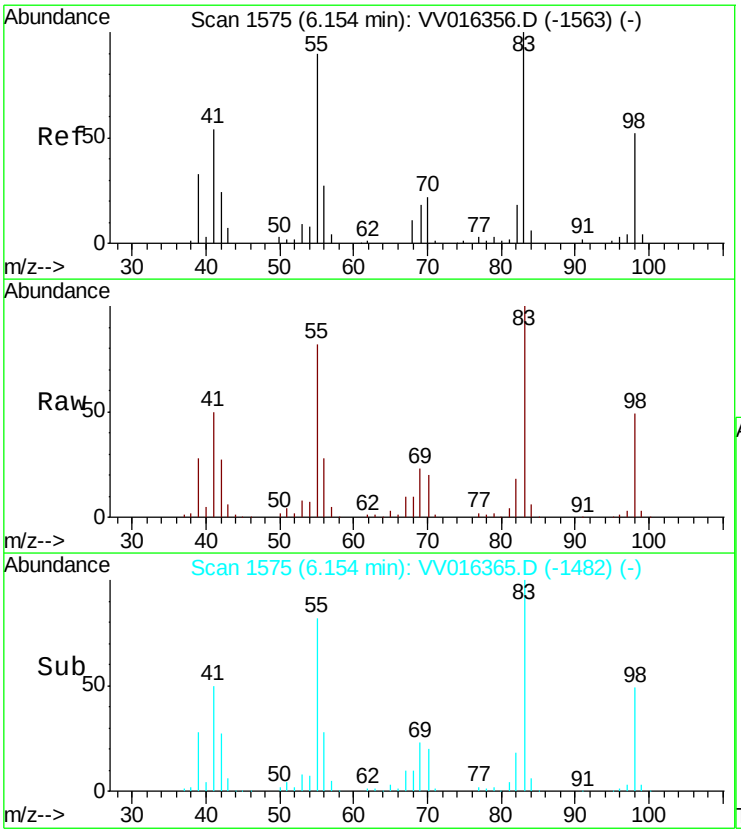
#34
Trichloroethene
Concen: 15.693 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 98388

Ion	Ratio	Lower	Upper
95	100		
97	62.4	42.6	79.0
132	88.5	59.6	110.8
130	94.1	64.8	120.4

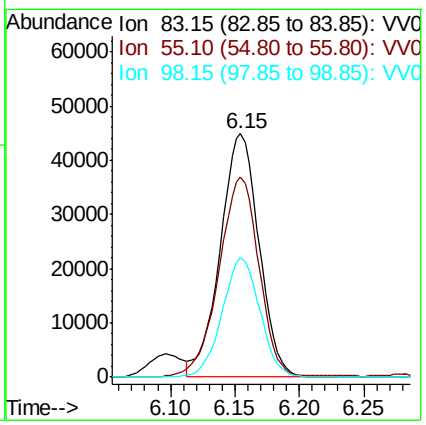


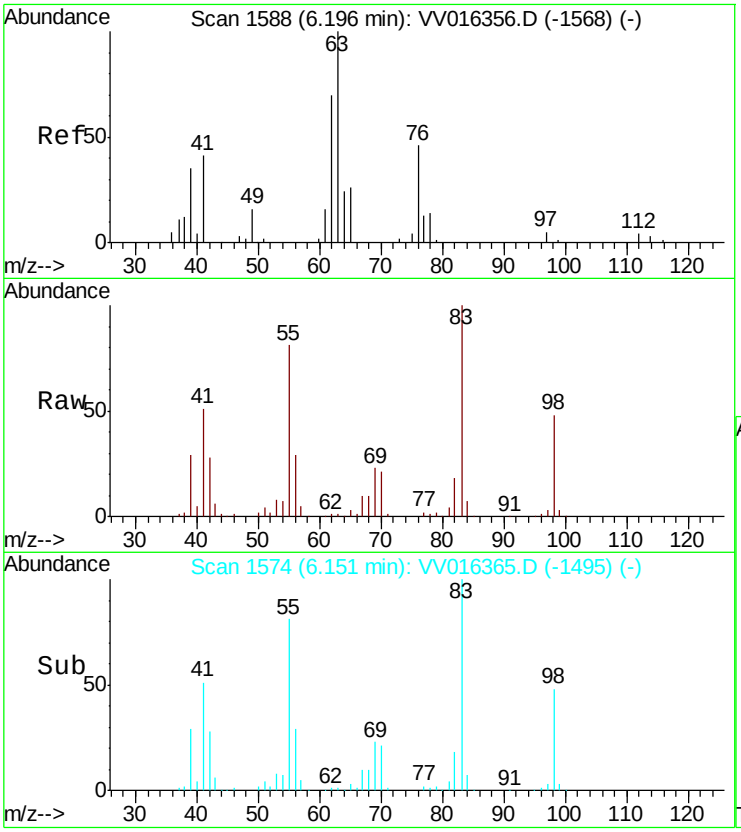


#35
Methylcyclohexane
Concen: 9.272 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion: 83 Resp: 93635

Ion	Ratio	Lower	Upper
83	100		
55	85.1	67.0	100.4
98	47.9	39.0	58.4



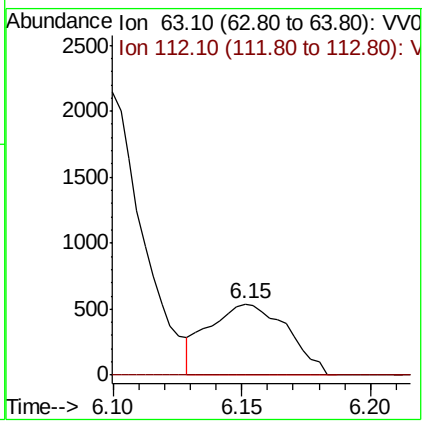


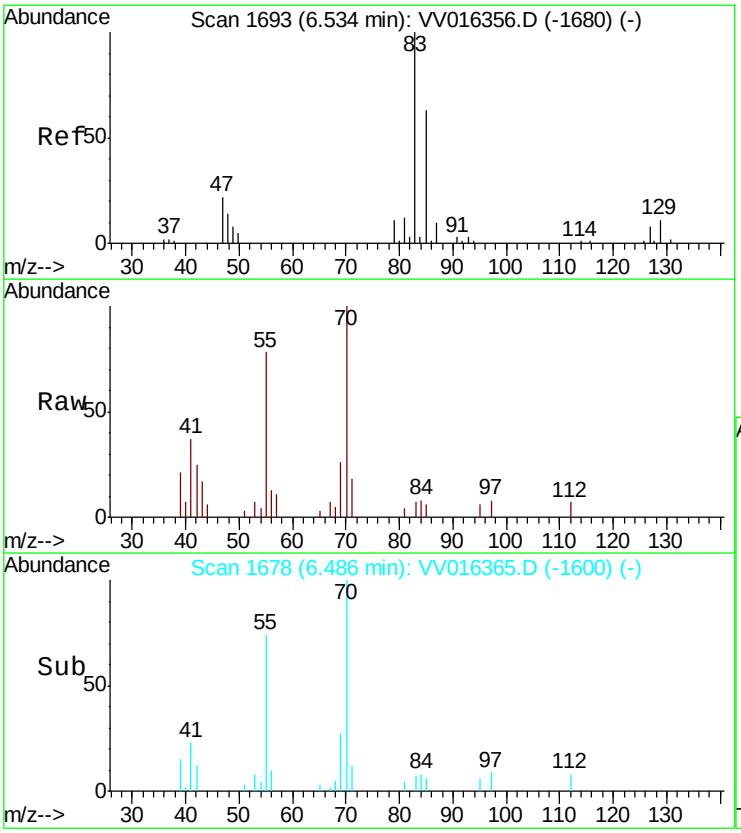
#37
1,2-Dichloropropane
Concen: 0.190 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.05 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 1149

Ion	Ratio	Lower	Upper
63	100		
112	7.9	3.4	5.0#

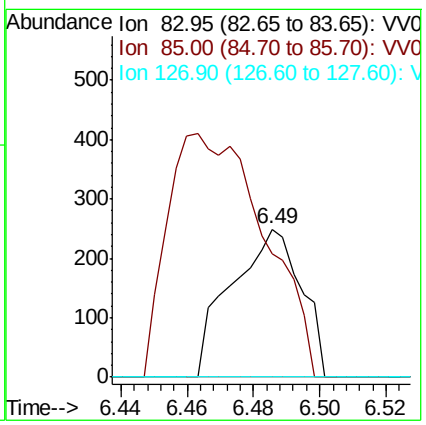


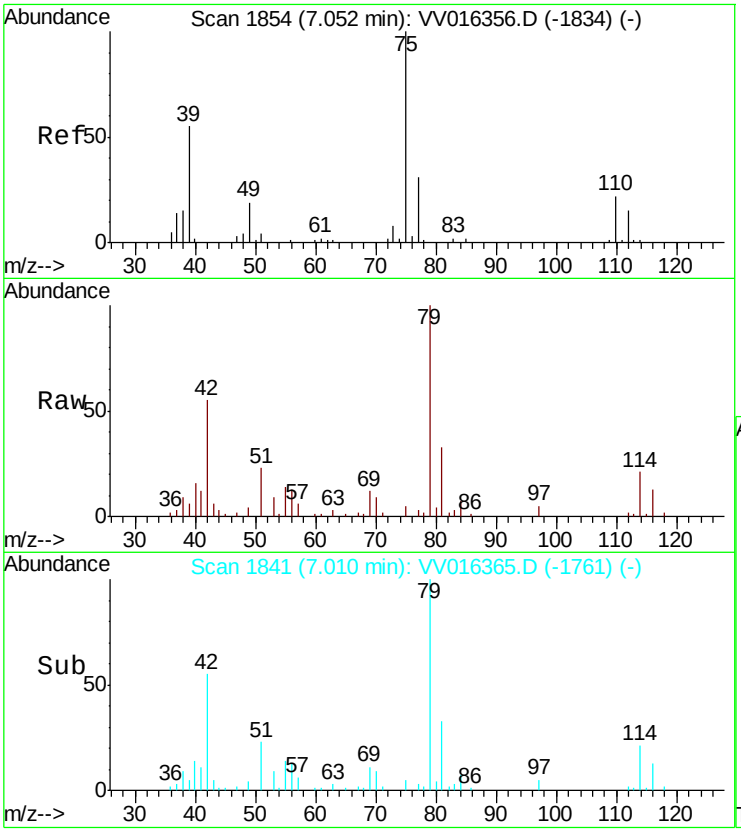


#38
Bromodichloromethane
Concen: 0.050 ug/L
RT: 6.49 min Scan# 1678
Delta R.T. -0.05 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion: 83 Resp: 366

Ion	Ratio	Lower	Upper
83	100		
85	83.5	44.2	82.2#
127	0.0	6.3	9.5#



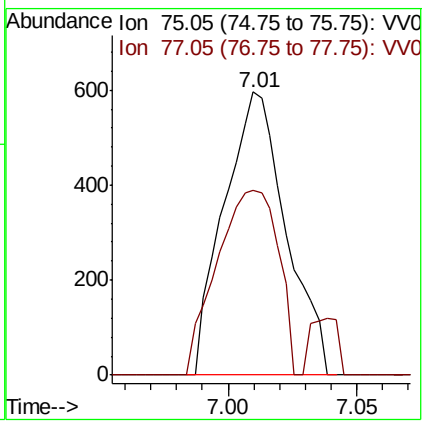


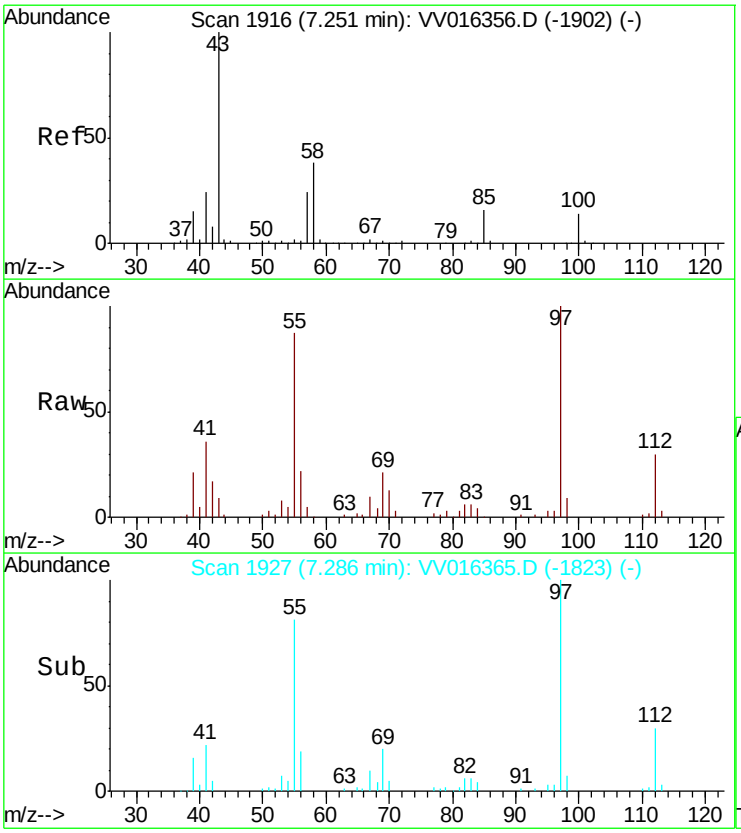
#39
cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 998

Ion	Ratio	Lower	Upper
75	100		
77	65.4	22.0	41.0#

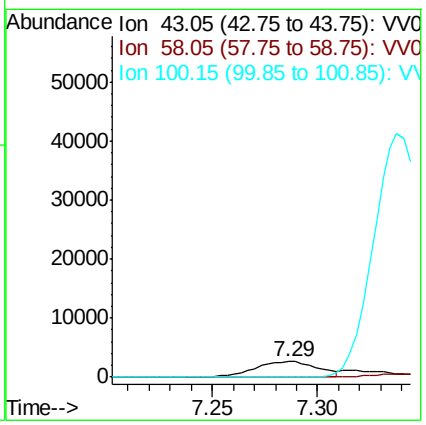


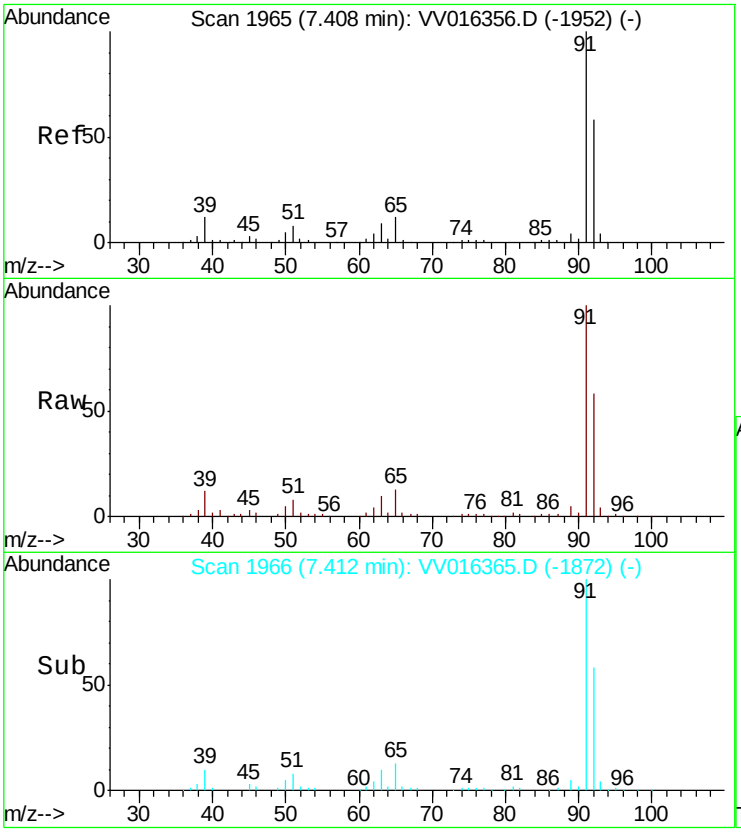


#40
4-Methyl-2-pentanone
Concen: 1.491 ug/L
RT: 7.29 min Scan# 1927
Delta R.T. 0.04 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion: 43 Resp: 5446

Ion	Ratio	Lower	Upper
43	100		
58	3.7	29.5	44.3#
100	0.0	11.0	16.6#



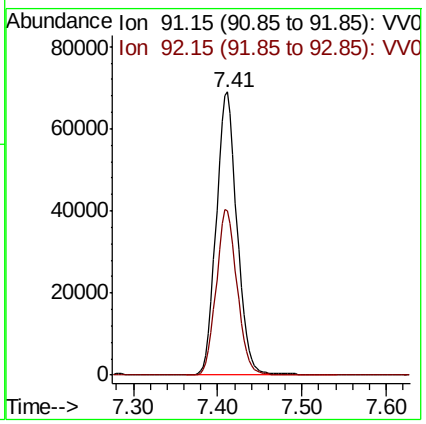


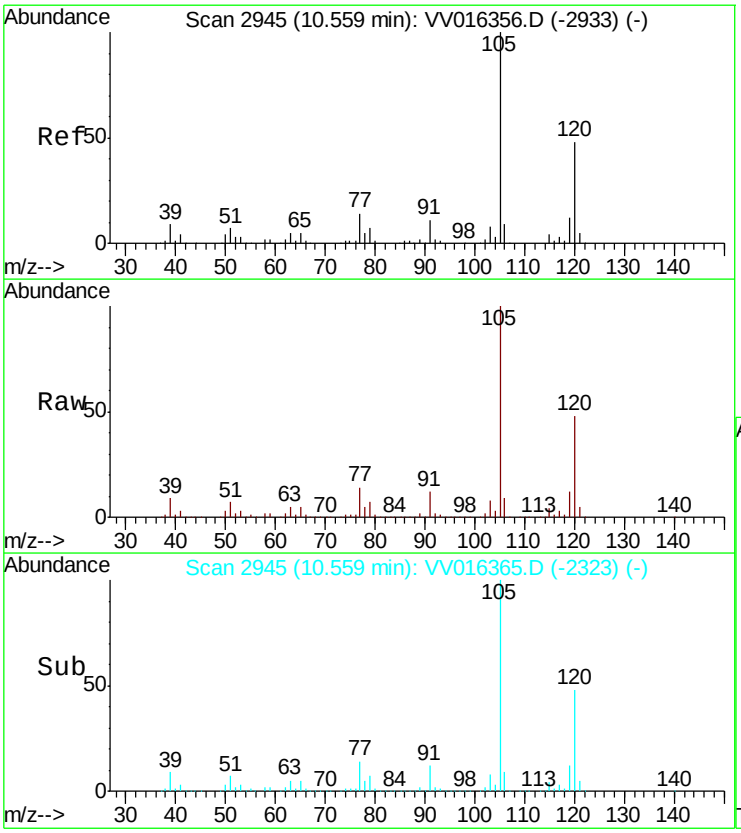
#42
Toluene
Concen: 4.678 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 118913

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.5	75.1

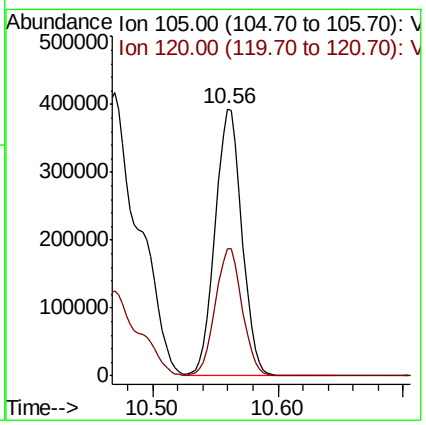


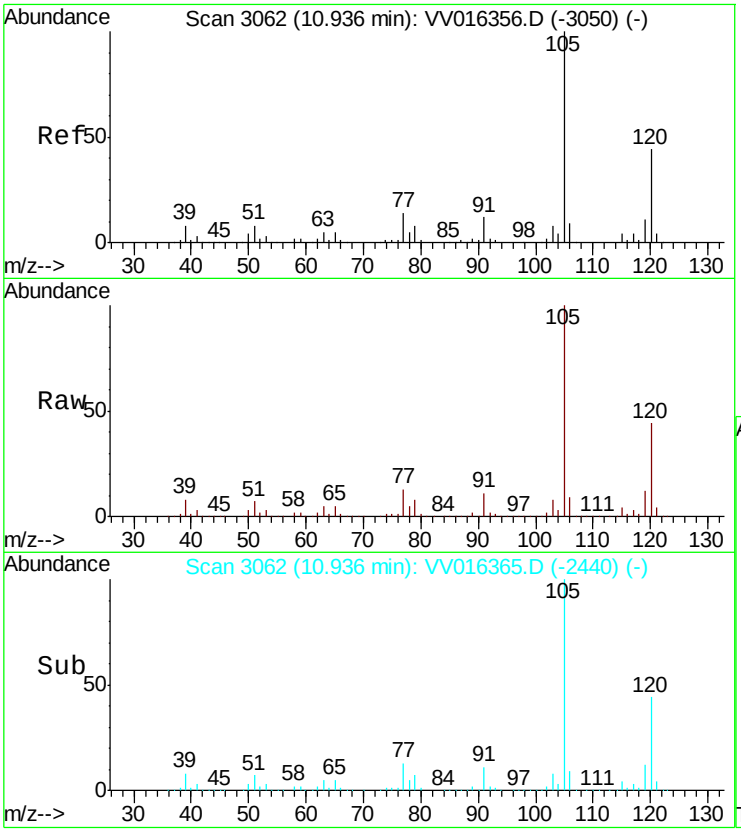


#43
1,3,5-Trimethylbenzene
Concen: 25.796 ug/L
RT: 10.56 min Scan# 2945
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:105 Resp: 581610

Ion	Ratio	Lower	Upper
105	100		
120	47.9	37.5	56.3



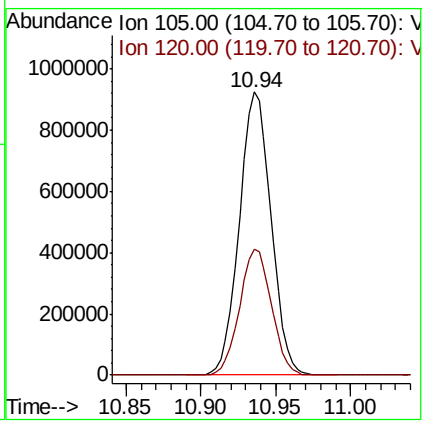


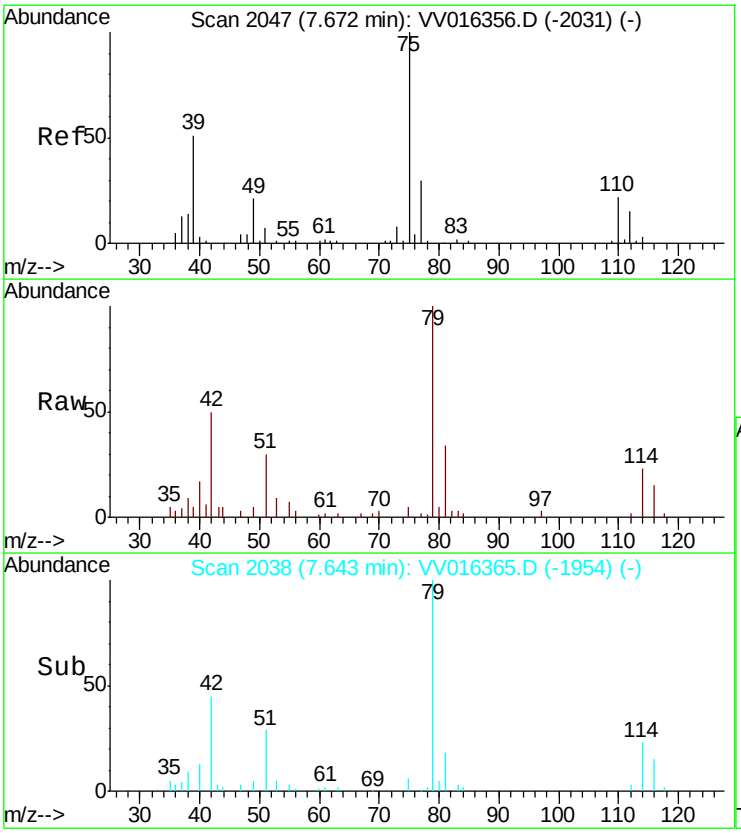
#44
1,2,4-Trimethylbenzene
Concen: 59.407 ug/L
RT: 10.94 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 1364647

Ion	Ratio	Lower	Upper
105	100		
120	44.6	35.5	53.3

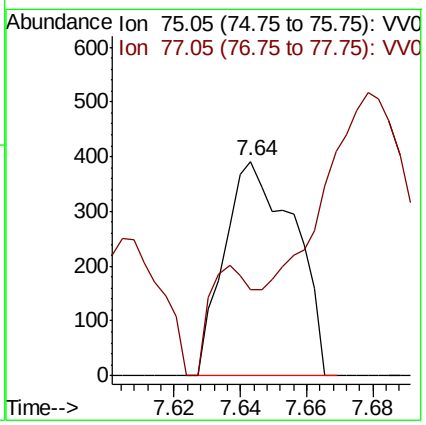


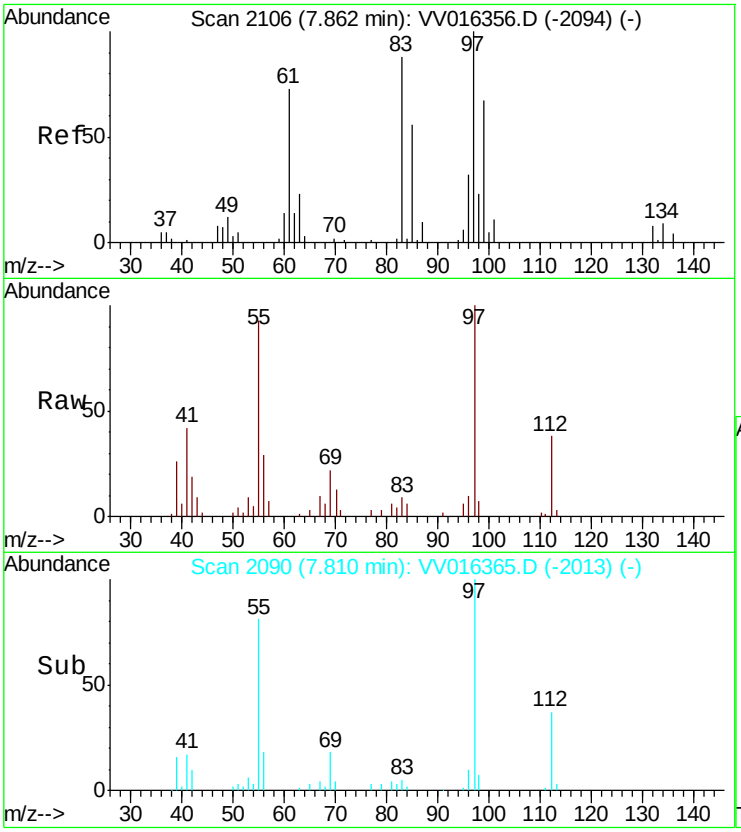


#46
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion: 75 Resp: 572

Ion	Ratio	Lower	Upper
75	100		
77	40.4	21.1	39.3#



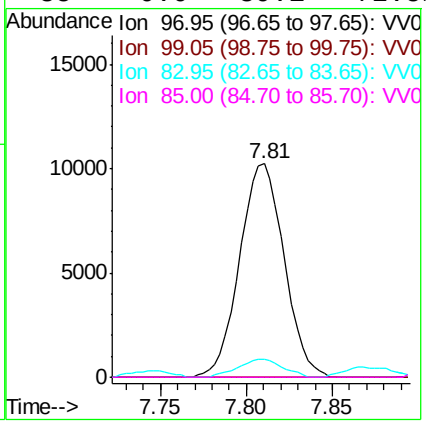


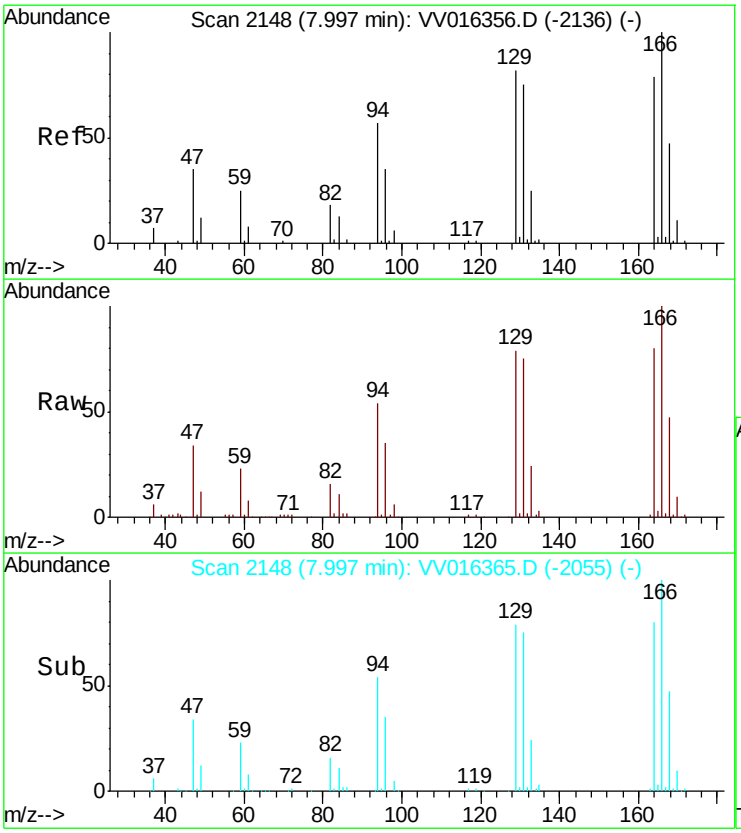
#47
1,1,2-Trichloroethane
Concen: 4.738 ug/L
RT: 7.81 min Scan# 2090
Delta R.T. -0.05 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 18324

Ion	Ratio	Lower	Upper
97	100		
99	0.0	47.0	87.2#
83	8.5	61.7	114.5#
85	0.0	39.1	72.5#

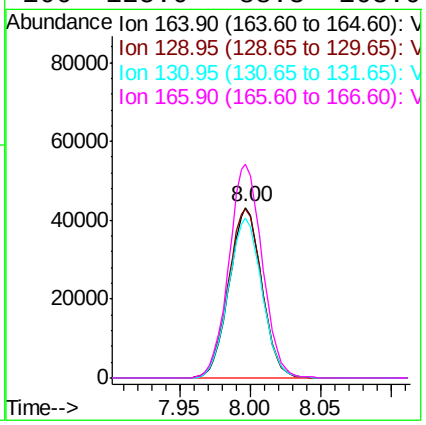


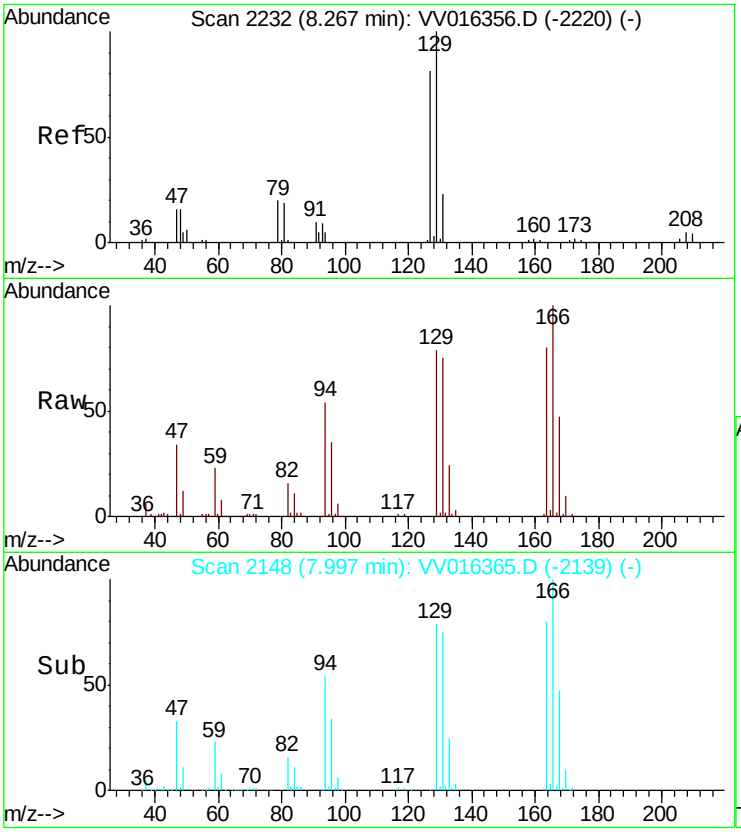


#49
Tetrachloroethene
Concen: 15.244 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:164 Resp: 70099

Ion	Ratio	Lower	Upper
164	100		
129	99.0	72.2	134.0
131	93.6	65.8	122.2
166	125.0	88.3	163.9

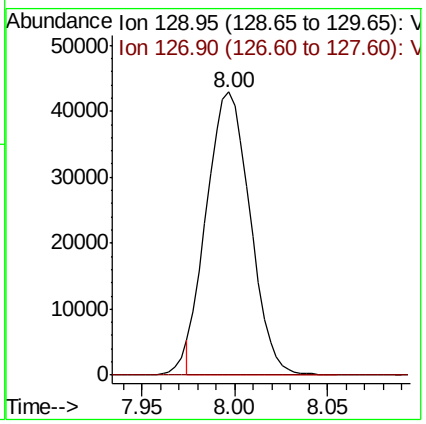




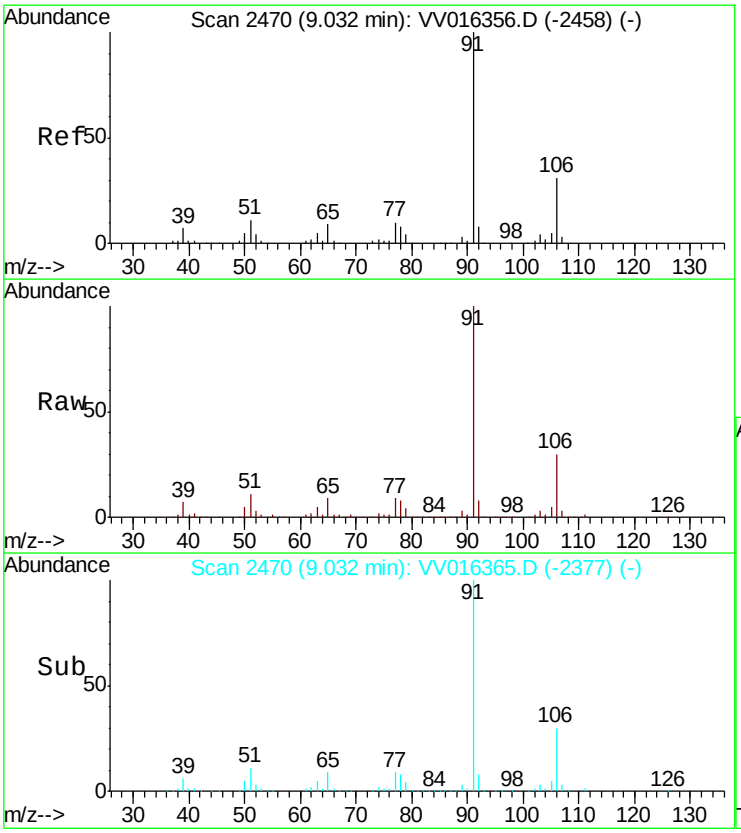
#51
Dibromochloromethane
Concen: 17.220 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:129 Resp: 69626

Ion	Ratio	Lower	Upper
129	100		
127	0.3	57.0	105.8#



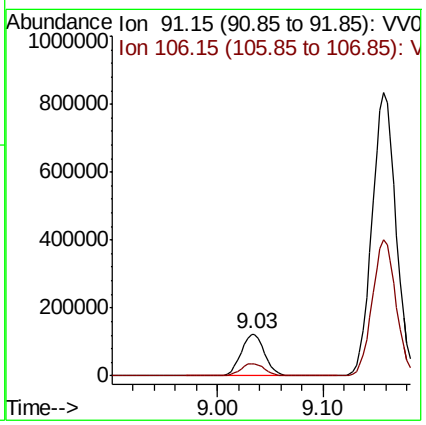
Instrument :
MSVOA_V
ClientSampleId :

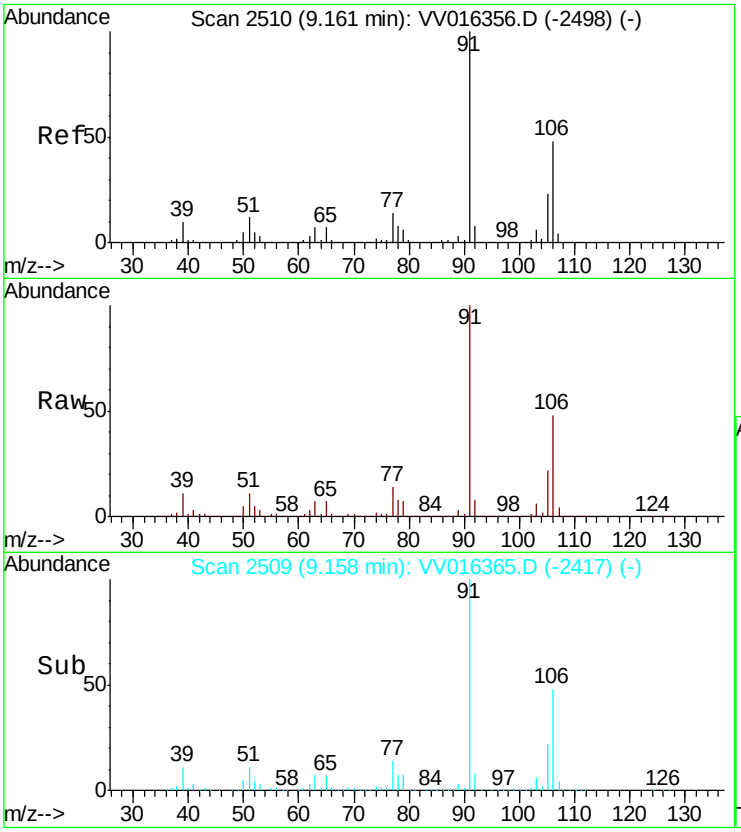


#54
Ethylbenzene
Concen: 6.833 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion: 91 Resp: 191573

Ion	Ratio	Lower	Upper
91	100		
106	29.6	21.4	39.8



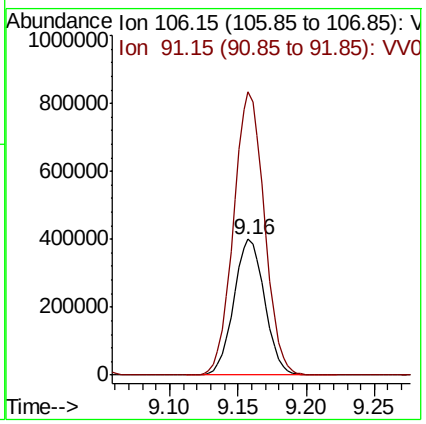


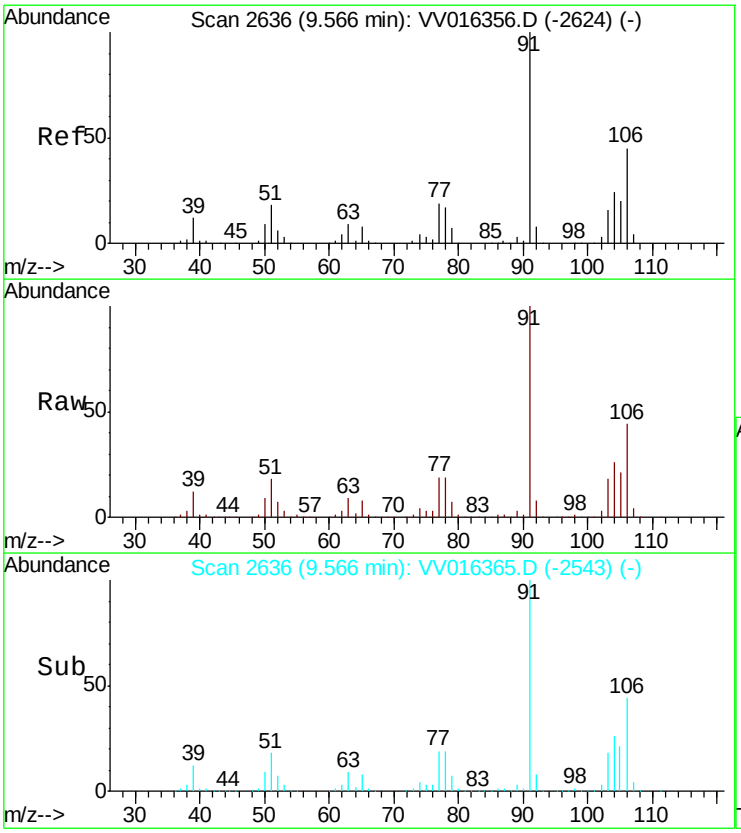
#55
m,p-xylene
Concen: 59.764 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 627125

Ion	Ratio	Lower	Upper
106	100		
91	208.7	146.6	272.2

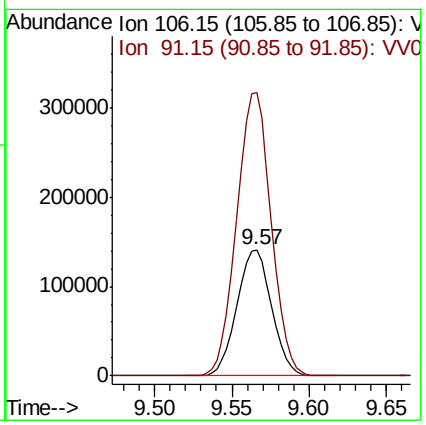


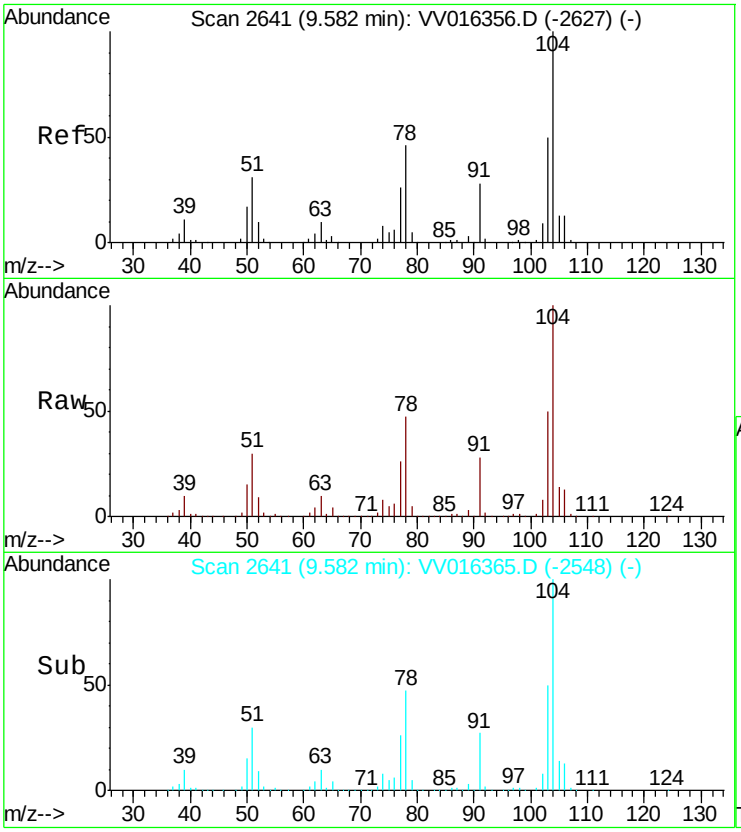


#56
o-xylene
Concen: 22.220 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:106 Resp: 219597

Ion	Ratio	Lower	Upper
106	100		
91	224.8	155.2	288.2



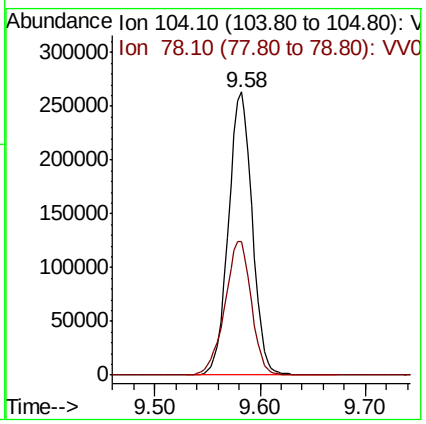


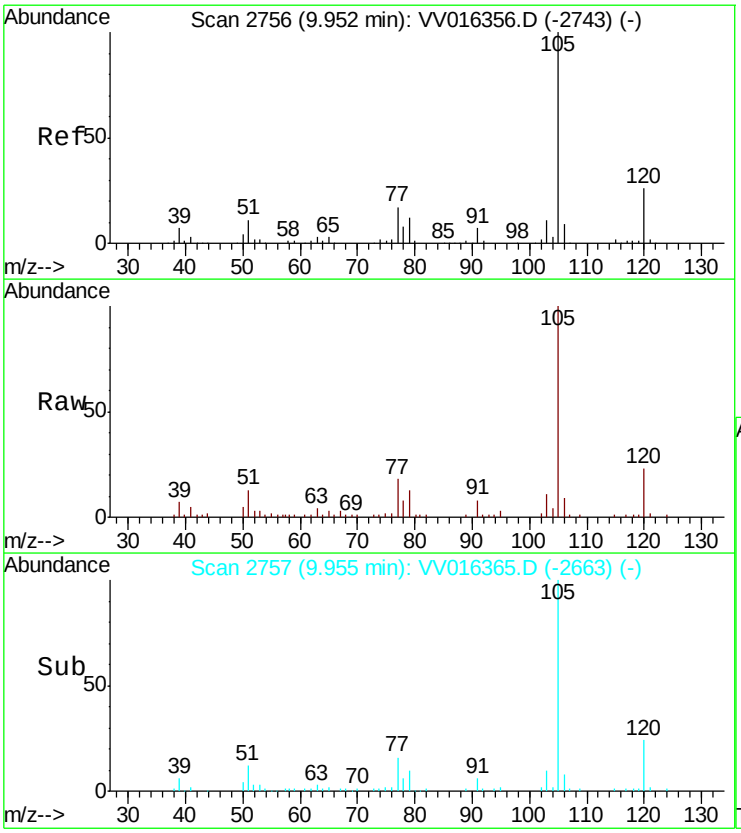
#57
Stvrene
Concen: 24.302 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:104 Resp: 410096

Ion	Ratio	Lower	Upper
104	100		
78	47.0	32.6	60.6

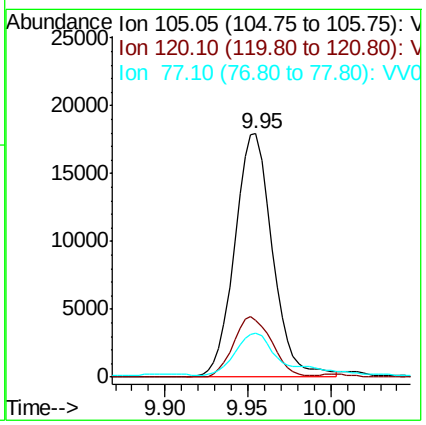


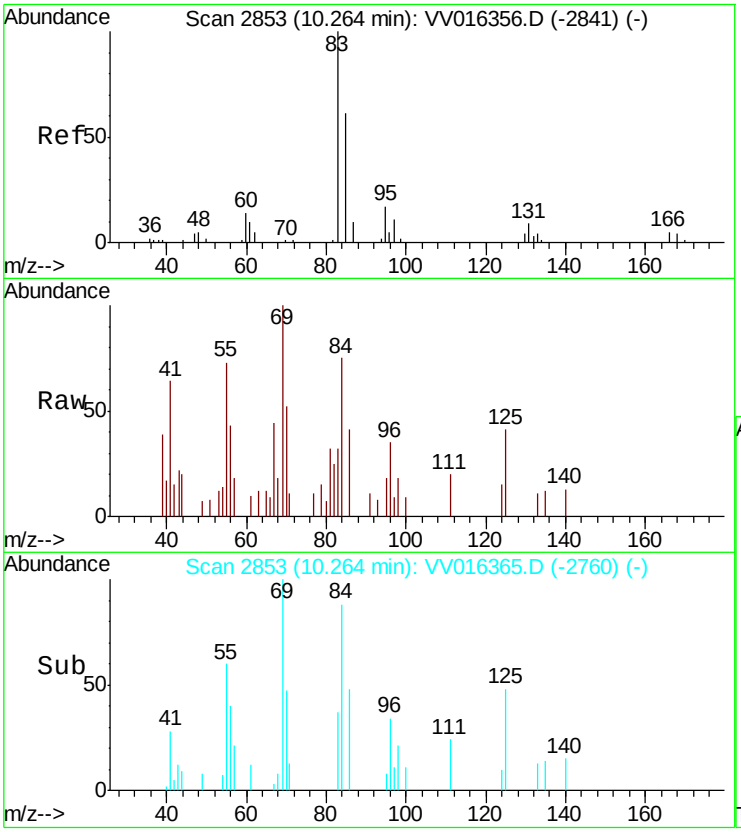


#58
Isopropylbenzene
Concen: 1.061 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:105 Resp: 28574

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.7	31.1
77	17.6	13.4	20.2



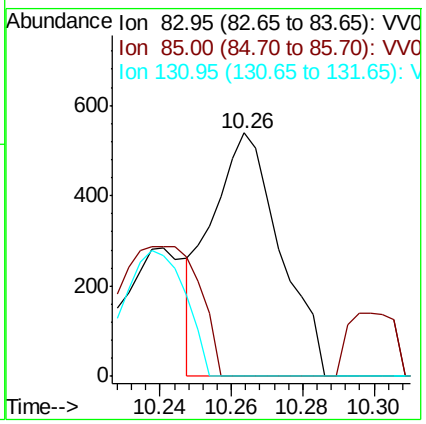


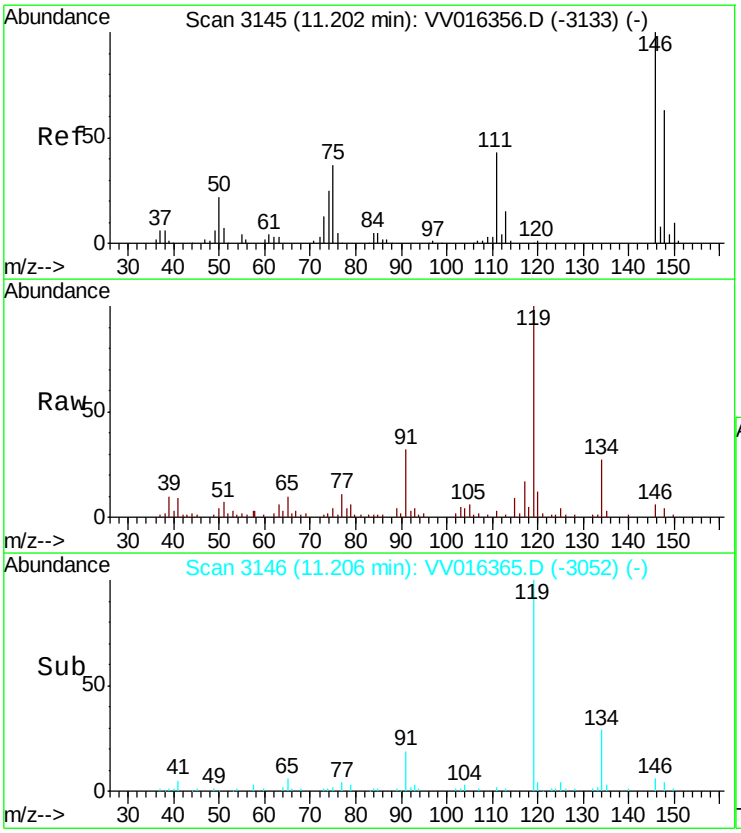
#60
1,1,2,2-Tetrachloroethane
Concen: 0.148 ug/L
RT: 10.26 min Scan# 2853
Delta R.T. -0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 724

Ion	Ratio	Lower	Upper
83	100		
85	0.0	43.7	81.1#
131	0.0	7.8	11.6#

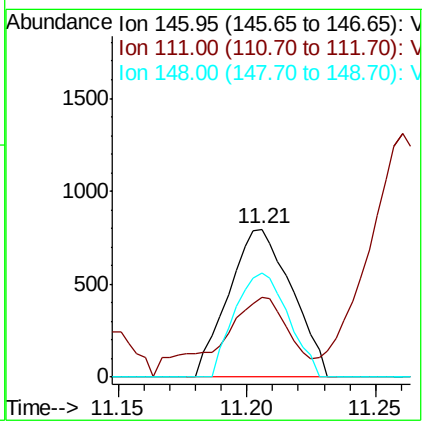


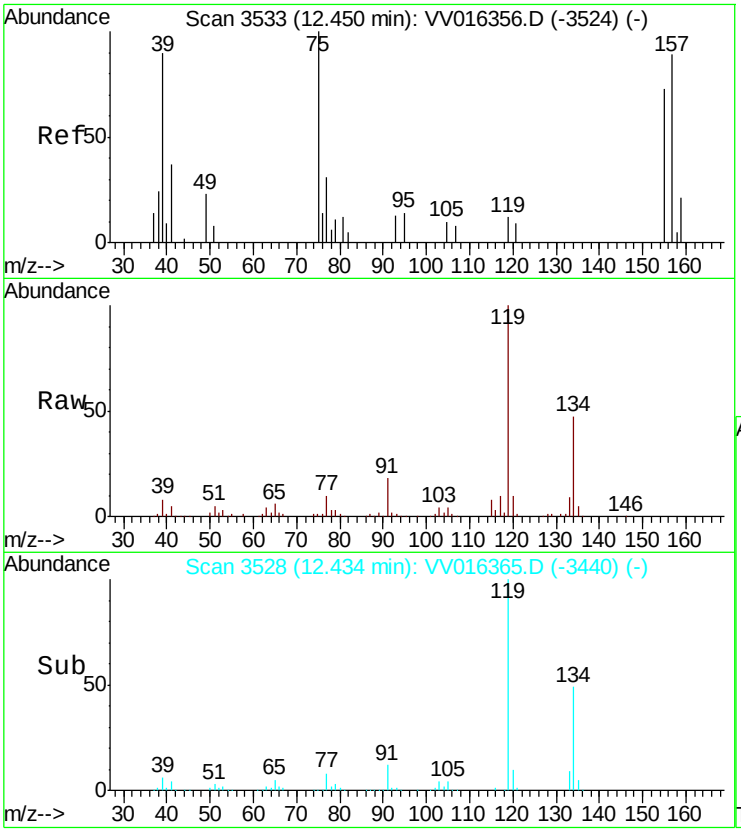


#63
1,3-Dichlorobenzene
Concen: 0.108 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:146 Resp: 1362

Ion	Ratio	Lower	Upper
146	100		
111	54.1	30.3	56.3
148	70.8	44.3	82.3



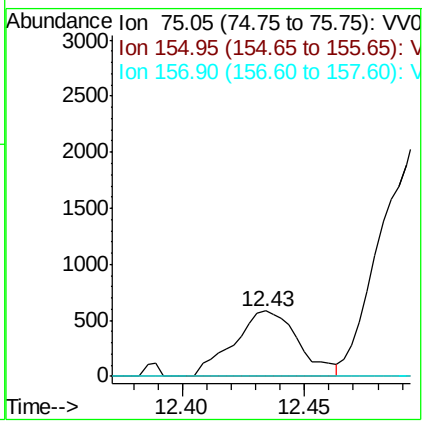


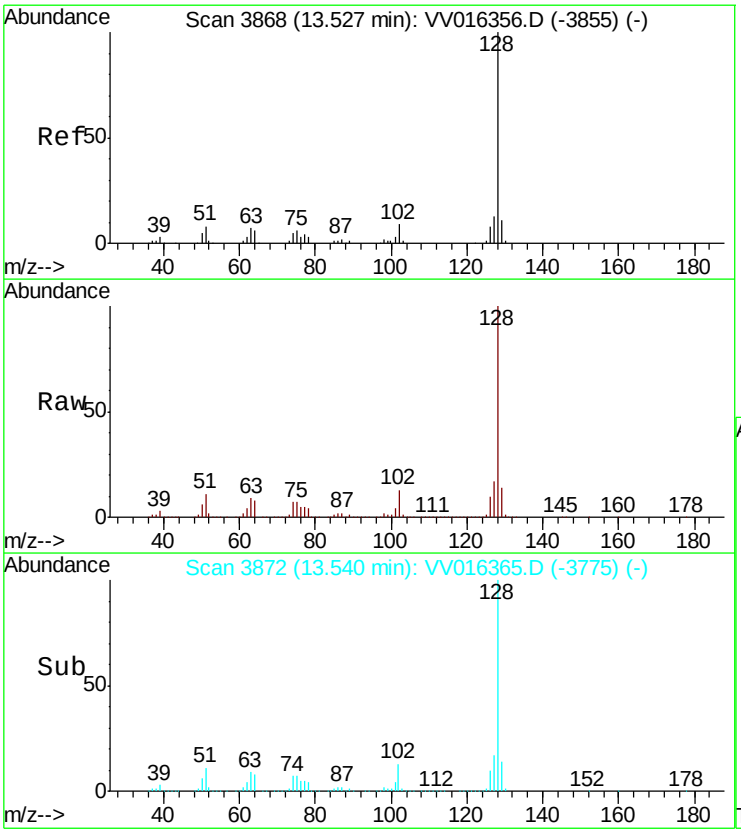
#67
1,2-Dibromo-3-chloropropane
Concen: 1.407 ug/L
RT: 12.43 min Scan# 3528
Delta R.T. -0.02 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1073

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.1	87.1#
157	0.0	71.0	106.4#





#70
Naphthalene
Concen: 859.420 ug/L
RT: 13.54 min Scan# 3872
Delta R.T. 0.01 min
Lab File: VV016365.D
Acq: 30 May 2020 17:25

Tgt Ion:128 Resp:15987970

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.6	12.8#
127	15.4	10.7	16.1