Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071020\
Data File : VV017455.D
Acq On : 10 Jul 2020 21:08
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 11 00:28:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276197	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145205	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58932	40.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.98%			
7) Chloroethane-d5	1.58	69	43719	43.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.56%			
11) 1,1-Dichloroethene-d2	2.13	63	144455	44.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.74%			
21) 2-Butanone-d5	3.91	46	96045	97.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.80%			
24) Chloroform-d	4.38	84	153853	46.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.52%			
26) 1,2-Dichloroethane-d4	5.06	65	108085	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.70%			
32) Benzene-d6	5.08	84	260362	45.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.12%			
36) 1,2-Dichloropropane-d6	6.09	67	75357	45.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.58%			
41) Toluene-d8	7.34	98	254786	45.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.74%			
43) trans-1,3-Dichloropropene-	7.64	79	45742	47.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.46%			
47) 2-Hexanone-d5	8.11	63	68654	100.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.54%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	109398	46.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.66%			
64) 1,2-Dichlorobenzene-d4	11.65	152	112069	46.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	135594	45.716	ug/L	99
3) Chloromethane	1.25	50	95163	45.573	ug/L	98
5) Vinyl chloride	1.32	62	96125	45.544	ug/L	96
6) Bromomethane	1.53	94	53909	50.321	ug/L	94
8) Chloroethane	1.60	64	49854	45.524	ug/L	96
9) Trichlorofluoromethane	1.76	101	188418	47.685	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83993	45.794	ug/L	99
12) 1,1-Dichloroethene	2.13	96	78519	47.331	ug/L	93
13) Acetone	2.19	43	87340	65.331	ug/L	99
14) Carbon disulfide	2.31	76	218060	43.188	ug/L	100
15) Methyl Acetate	2.45	43	83536	47.075	ug/L	100
16) Methylene chloride	2.52	84	87156	45.126	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	82981	45.998	ug/L	96
18) Methyl tert-butyl Ether	2.78	73	296216	49.217	ug/L	99
19) 1,1-Dichloroethane	3.21	63	154715	46.640	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	91014	47.086	ug/L	99
22) 2-Butanone	3.99	43	114565	87.669	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071020\
Data File : VV017455.D
Acq On : 10 Jul 2020 21:08
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 11 00:28:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	51792	48.155	ug/L	96
25) Chloroform	4.40	83	177506	47.674	ug/L	98
27) 1,2-Dichloroethane	5.16	62	161048	49.208	ug/L	98
29) Cyclohexane	4.70	56	128166	45.950	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	180644	49.114	ug/L	100
31) Carbon tetrachloride	4.86	117	161609	48.004	ug/L	98
33) Benzene	5.13	78	335947	47.515	ug/L	100
34) Trichloroethene	5.94	95	96209	45.833	ug/L	98
35) Methylcyclohexane	6.15	83	141944	46.178	ug/L	100
37) 1,2-Dichloropropane	6.20	63	81494	47.126	ug/L	99
38) Bromodichloromethane	6.53	83	135504	48.122	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	143338	48.639	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	232306	97.152	ug/L	98
42) Toluene	7.41	91	375353	47.498	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	146647	48.111	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	87858	46.826	ug/L	98
46) Tetrachloroethene	8.00	164	80822	45.855	ug/L	95
48) 2-Hexanone	8.16	43	181012	93.511	ug/L	98
49) Dibromochloromethane	8.27	129	112106	47.896	ug/L	99
50) 1,2-Dibromoethane	8.37	107	95051	47.330	ug/L	95
51) Chlorobenzene	8.90	112	251539	46.972	ug/L	98
52) Ethylbenzene	9.03	91	433280	47.934	ug/L	100
53) m,p-Xylene	9.16	106	163046	48.181	ug/L	99
54) o-xylene	9.57	106	160345	49.330	ug/L	98
55) Styrene	9.58	104	276029	48.888	ug/L	97
56) Isopropylbenzene	9.95	105	446108	49.331	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	127740	46.361	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	113050	47.177	ug/L	98
61) Bromoform	9.75	173	81908	46.896	ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	211138	46.599	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	209630	45.585	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	213331	47.231	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	36297	49.386	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	161965	47.454	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	145633	48.659	ug/L	99
69) Naphthalene	13.52	128	433704	51.890	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	153479	50.414	ug/L	98

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

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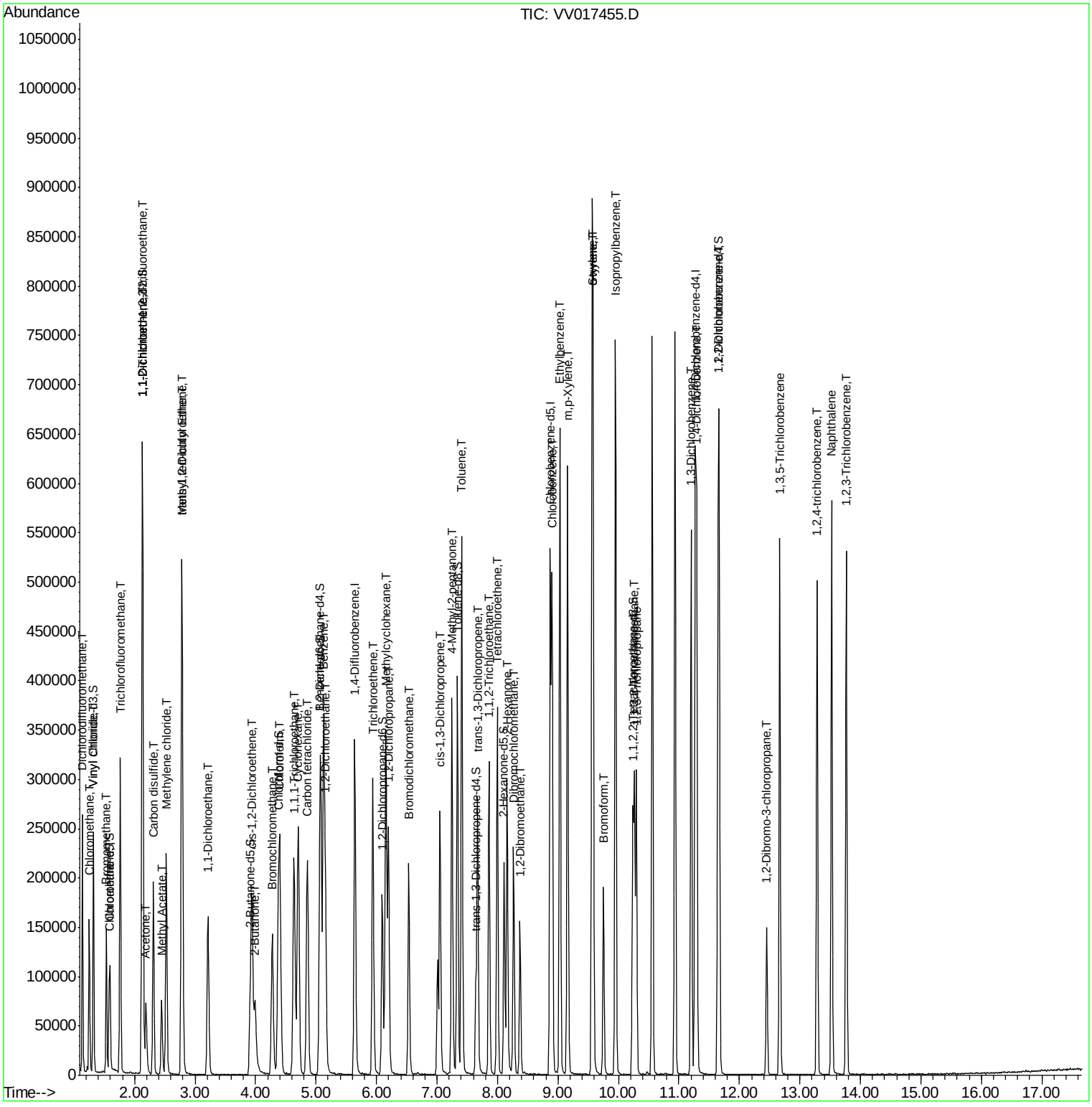
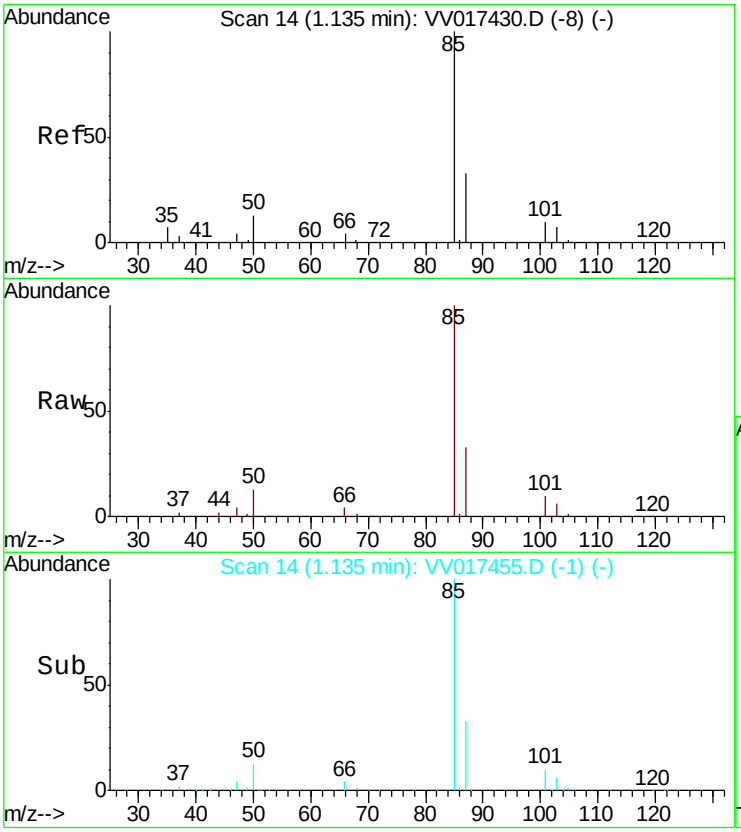
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 11 00:28:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration



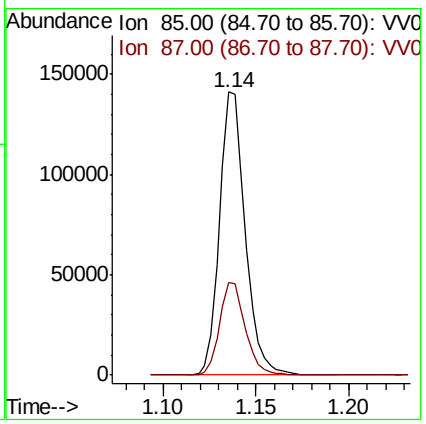


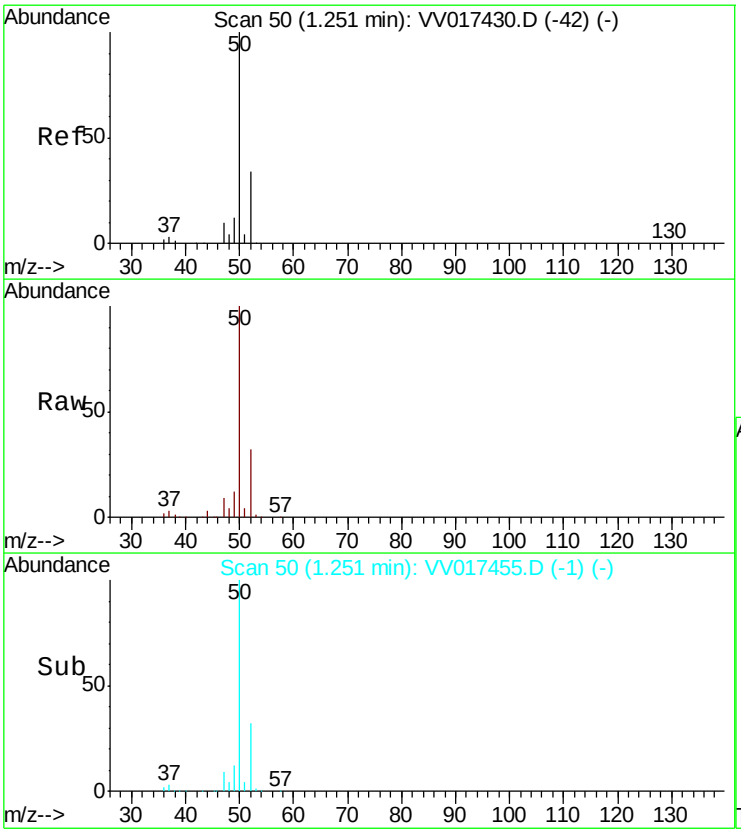
#2
Dichlorodifluoromethane
Concen: 45.716 ug/L
RT: 1.14 min Scan# 14
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 135594

Ion	Ratio	Lower	Upper
85	100		
87	33.0	25.9	38.9

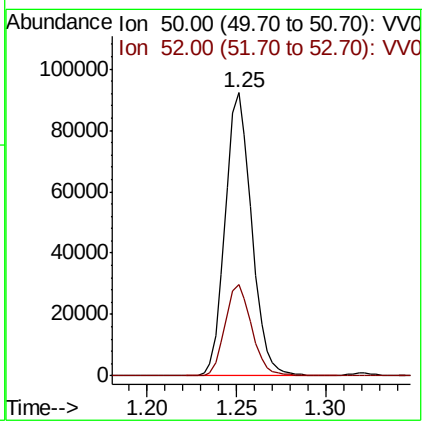


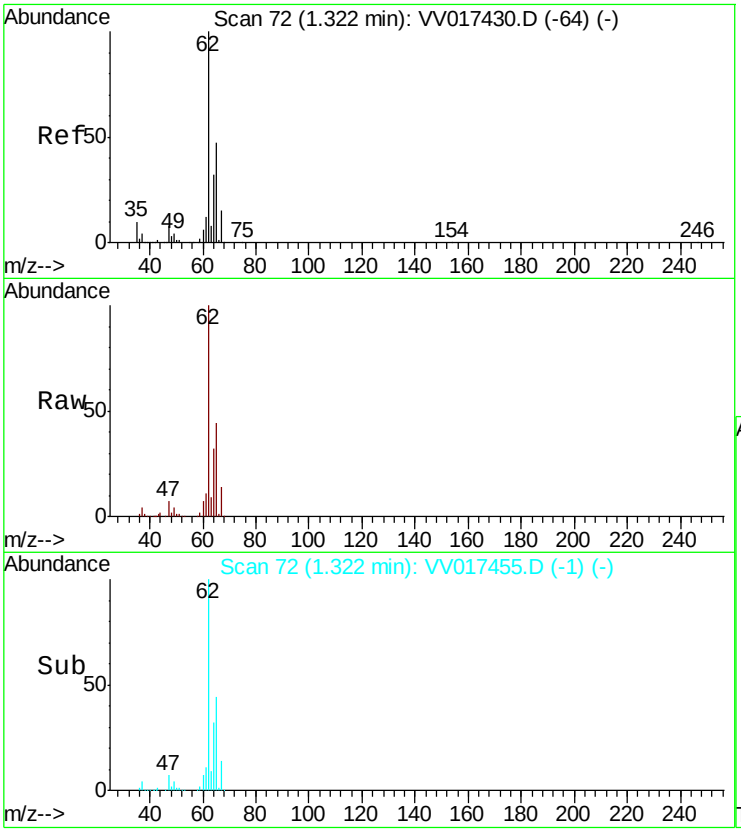


#3
Chloromethane
Concen: 45.573 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 50 Resp: 95163

Ion	Ratio	Lower	Upper
50	100		
52	32.1	23.4	43.6



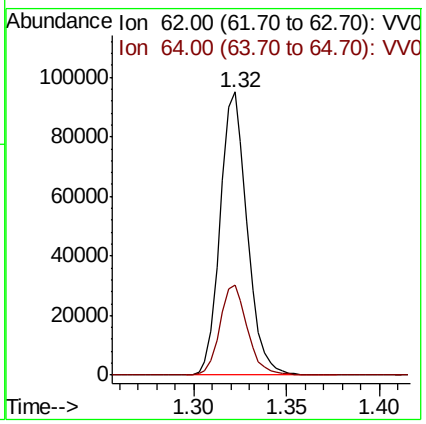


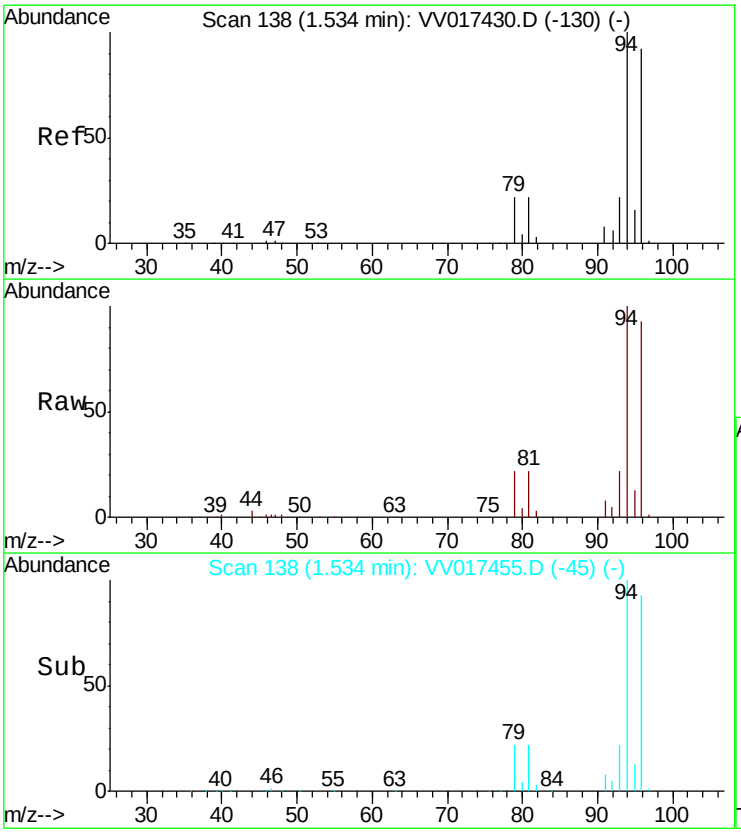
#5
Vinyl chloride
Concen: 45.544 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 96125

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.1	44.7

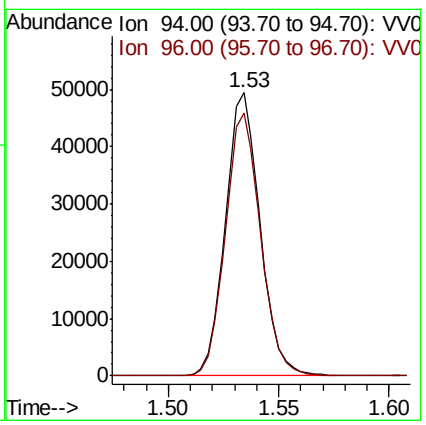


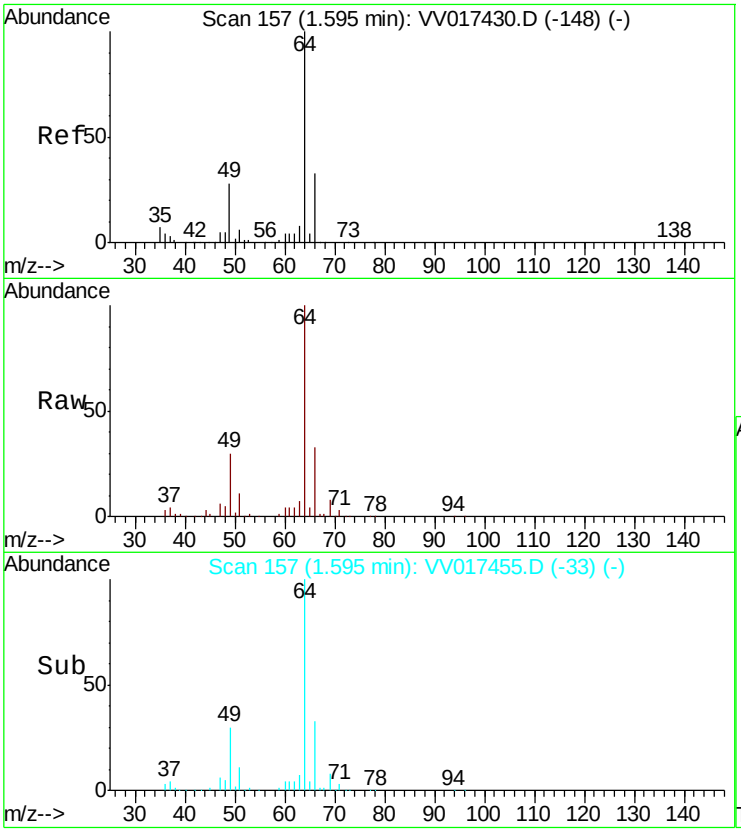


#6
Bromomethane
Concen: 50.321 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 94 Resp: 53909

Ion	Ratio	Lower	Upper
94	100		
96	93.0	69.0	128.1



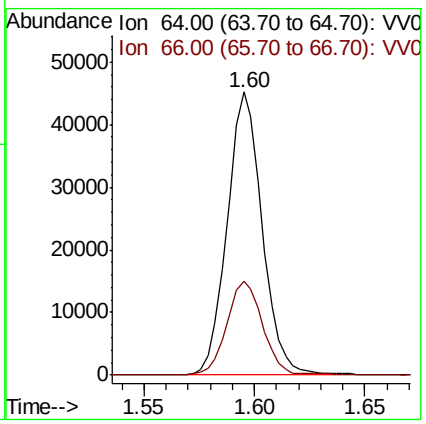


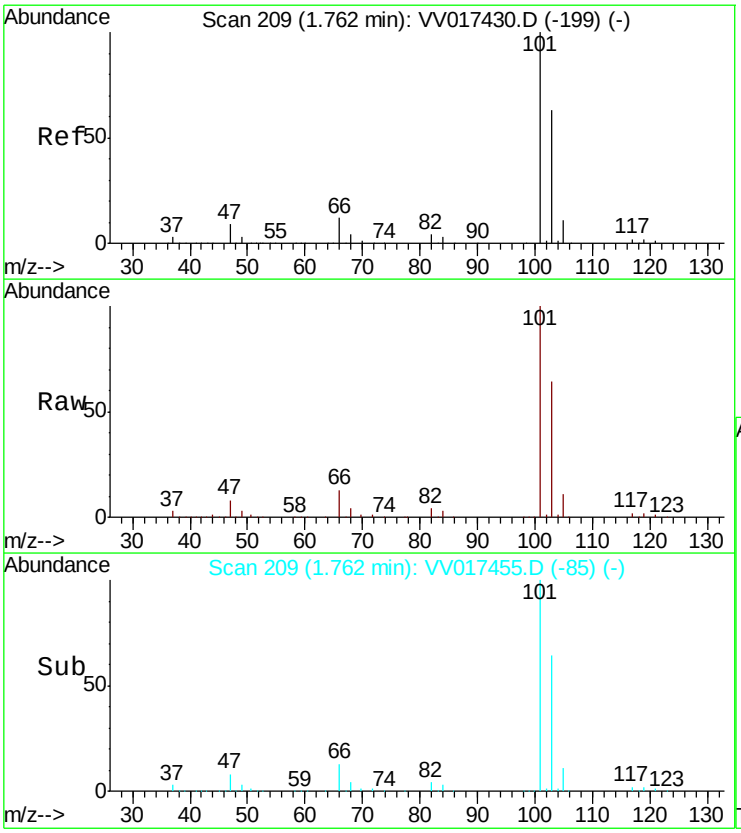
#8
Chloroethane
Concen: 45.524 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 49854

Ion	Ratio	Lower	Upper
64	100		
66	33.3	21.8	40.4

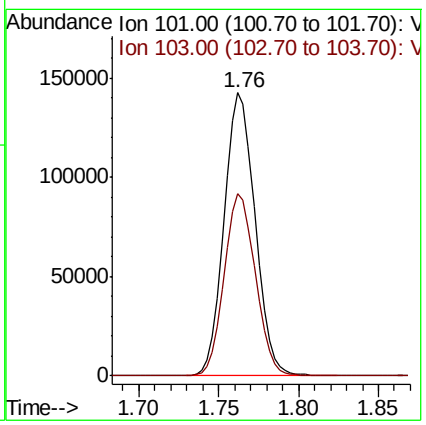


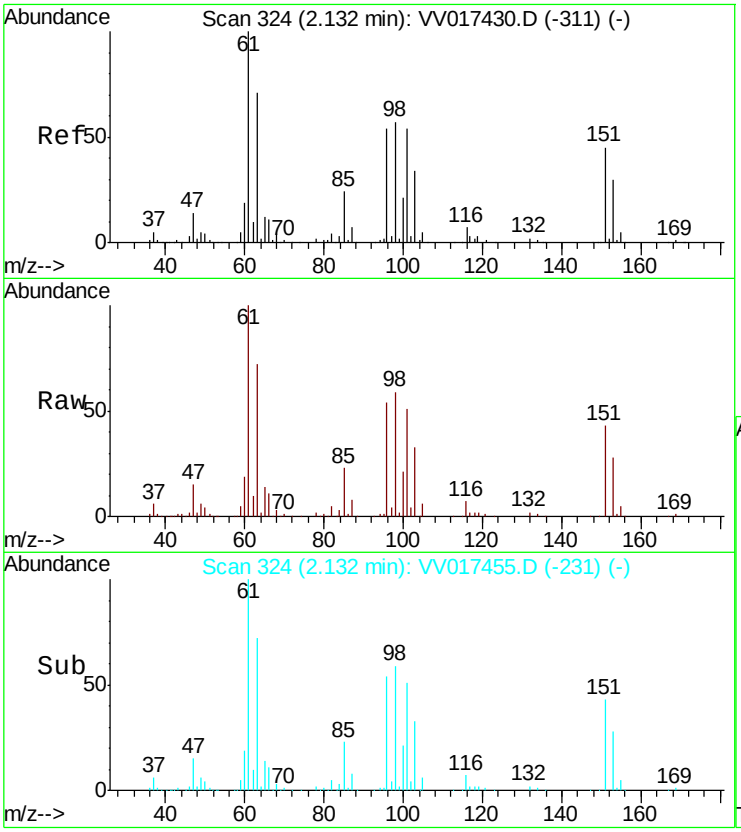


#9
Trichlorofluoromethane
Concen: 47.685 ug/L
RT: 1.76 min Scan# 209
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:101 Resp: 188418

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.9	77.9



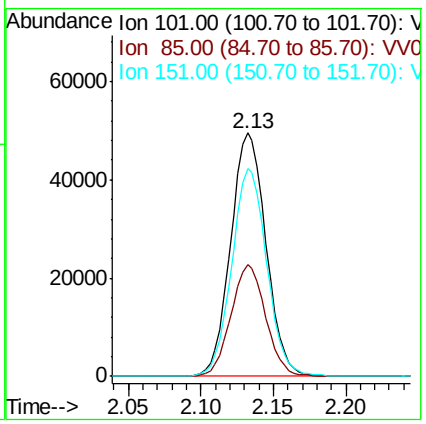


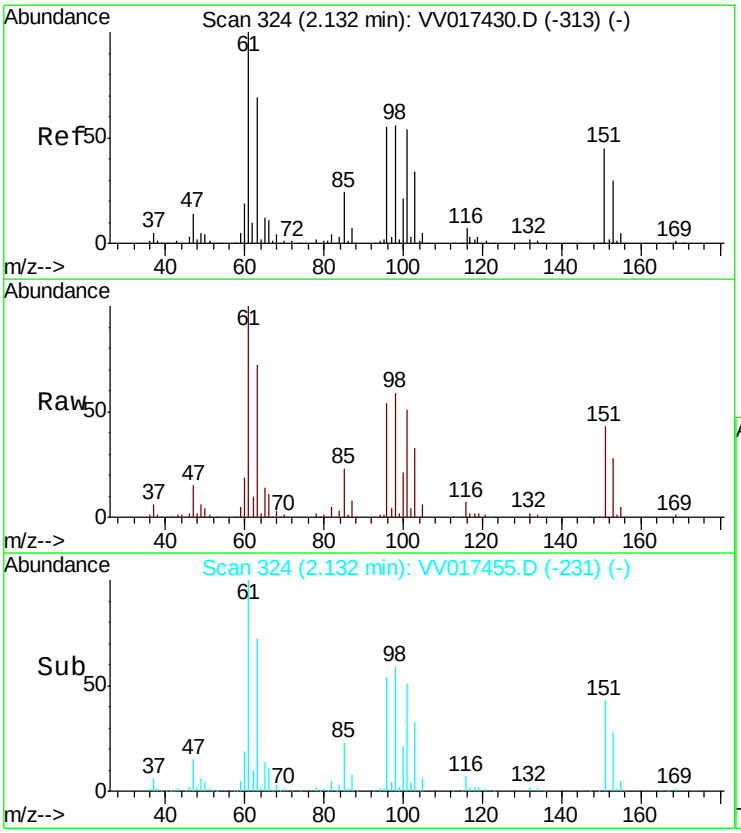
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.794 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 83993

Ion	Ratio	Lower	Upper
101	100		
85	44.9	36.2	54.4
151	84.5	66.8	100.2

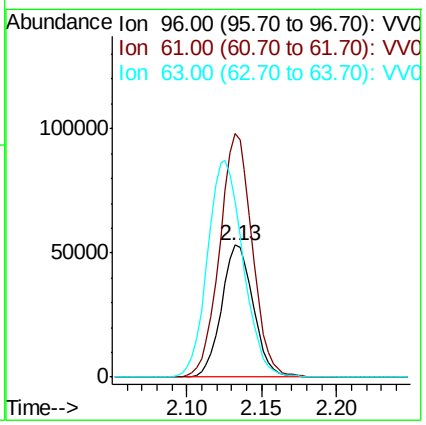


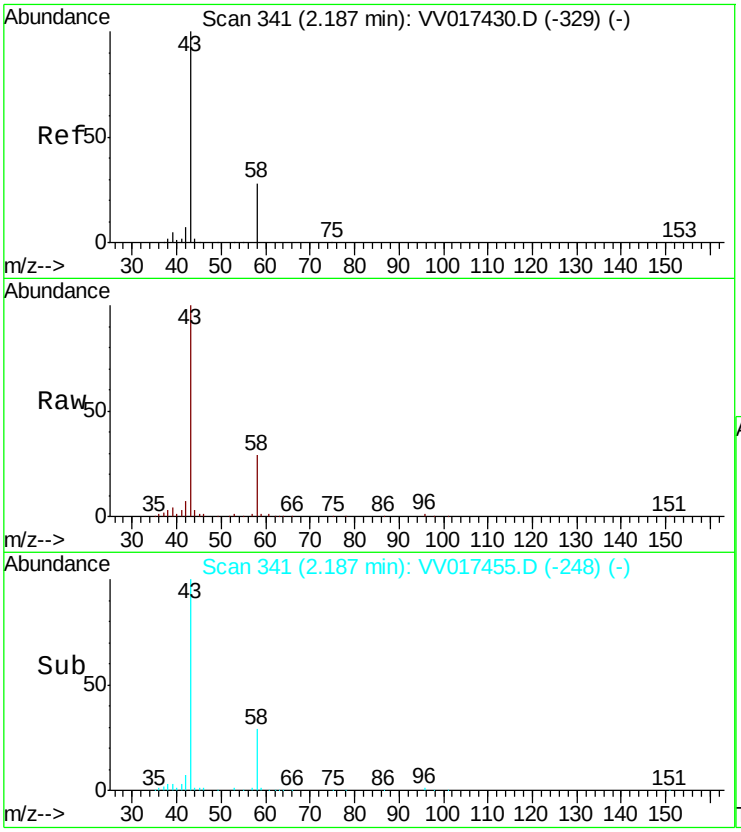


#12
1,1-Dichloroethene
Concen: 47.331 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 96 Resp: 78519

Ion	Ratio	Lower	Upper
96	100		
61	184.9	132.7	246.4
63	133.9	103.3	191.8



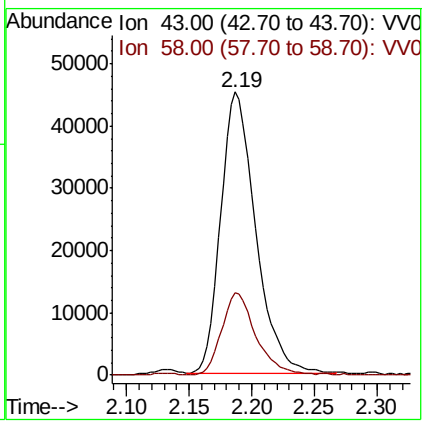


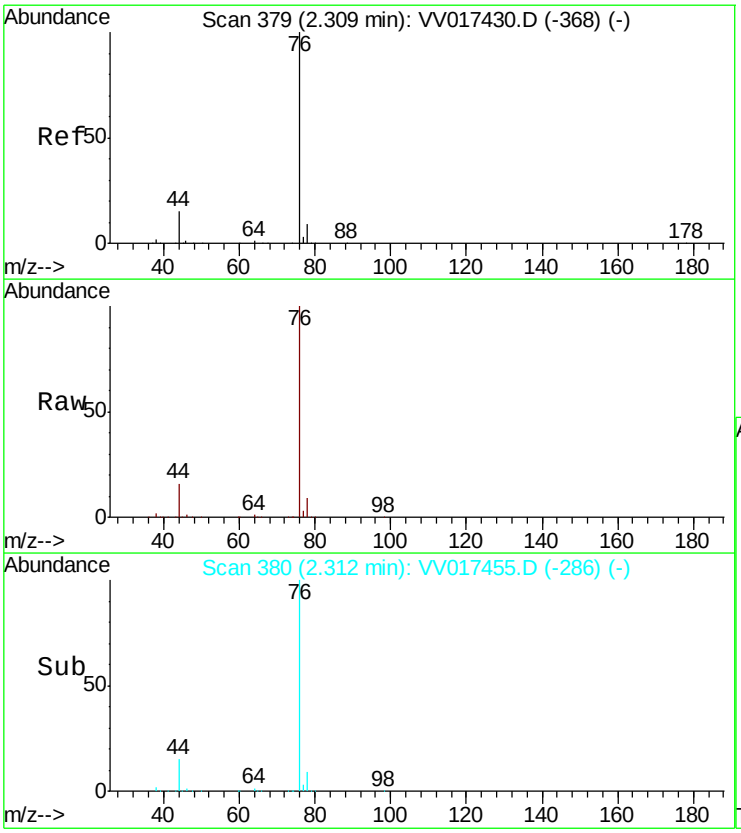
#13
Acetone
Concen: 65.331 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 87340

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	56.0

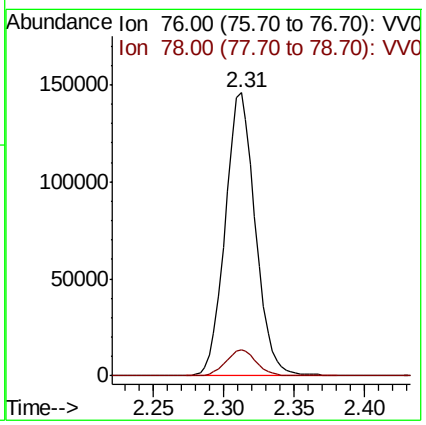


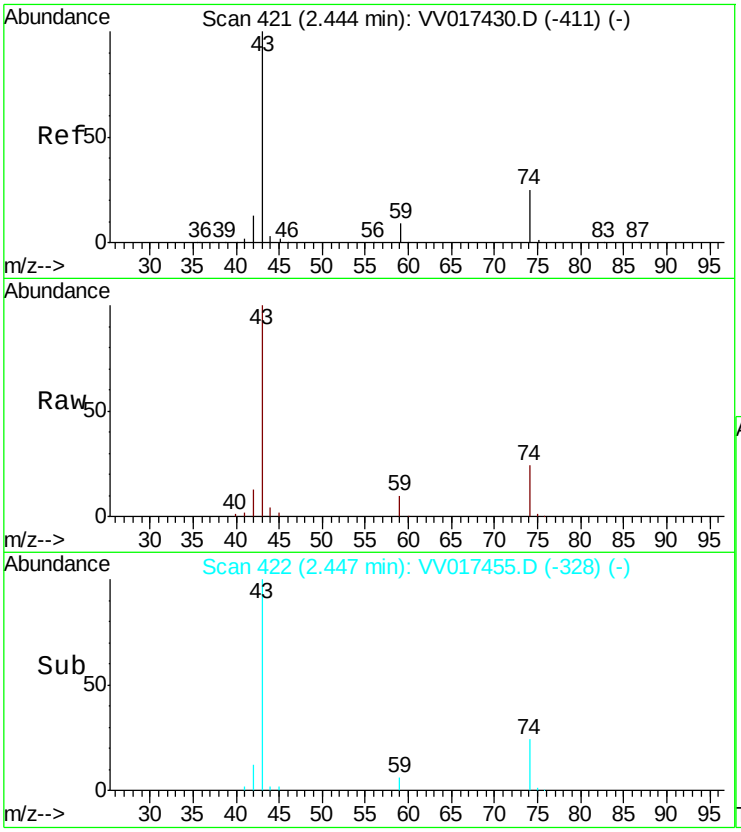


#14
Carbon disulfide
Concen: 43.188 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 76 Resp: 218060

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2



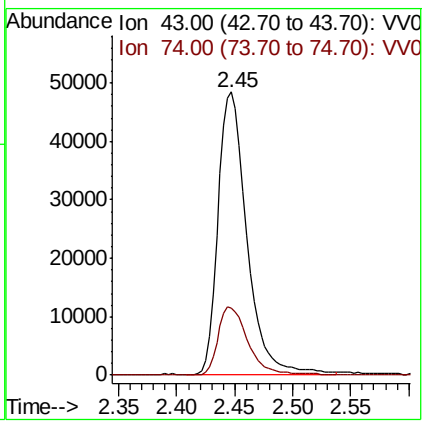


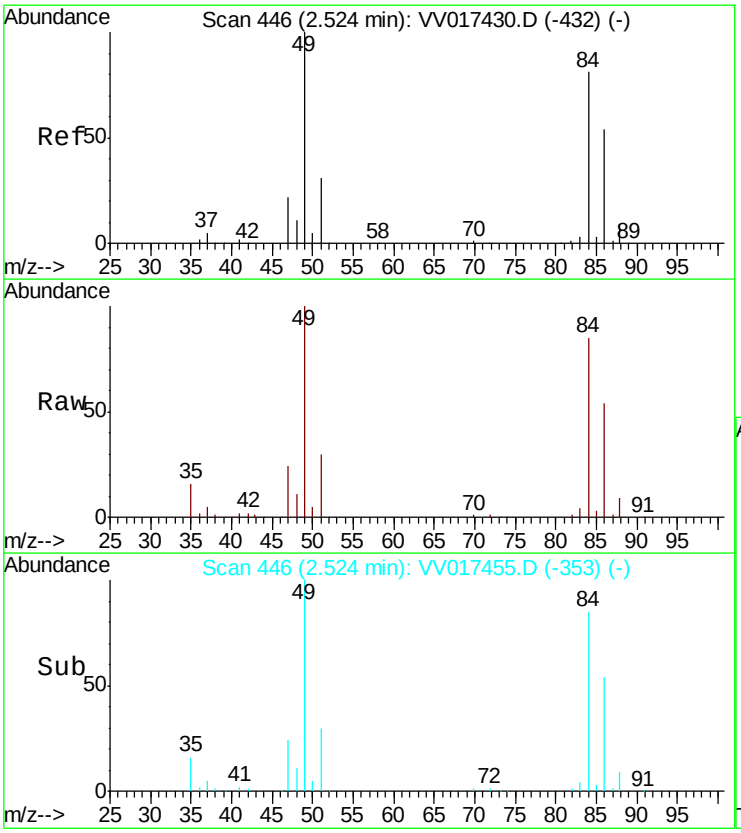
#15
Methyl Acetate
Concen: 47.075 ug/L
RT: 2.45 min Scan# 422
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 83536

Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.2	30.4

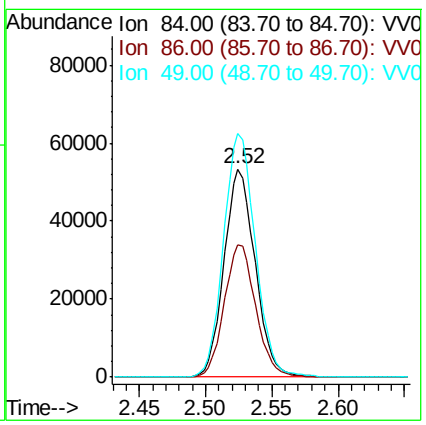


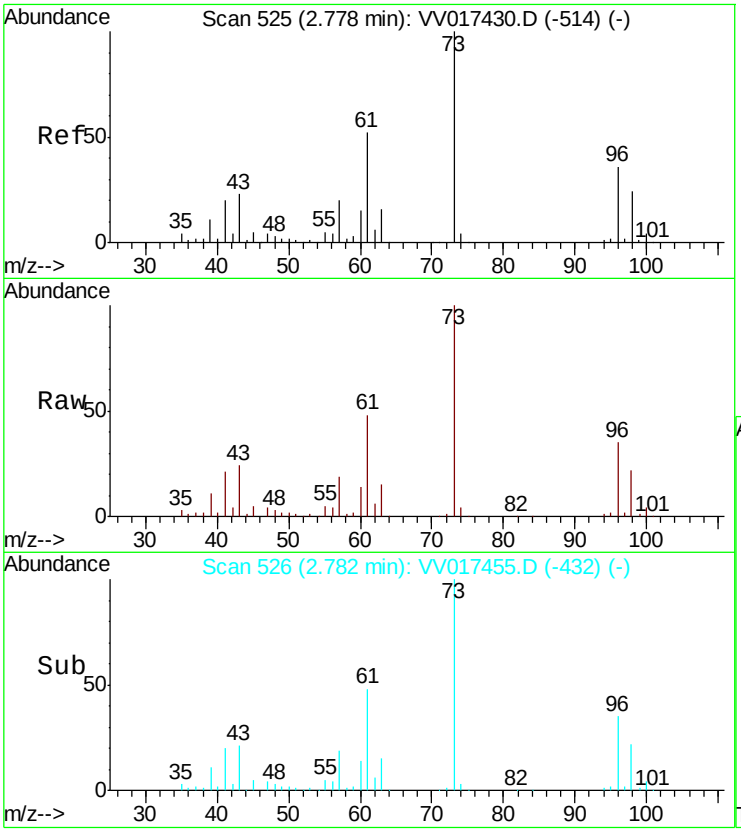


#16
Methylene chloride
Concen: 45.126 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 84 Resp: 87156

Ion	Ratio	Lower	Upper
84	100		
86	63.7	46.5	86.5
49	117.2	85.3	158.5



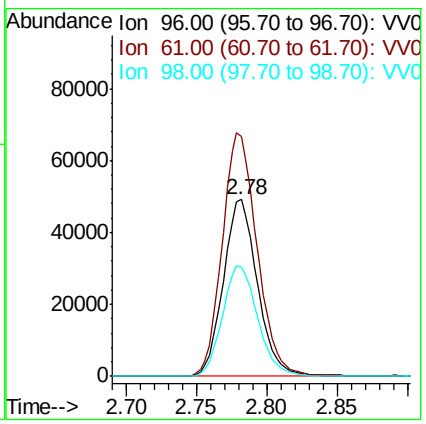


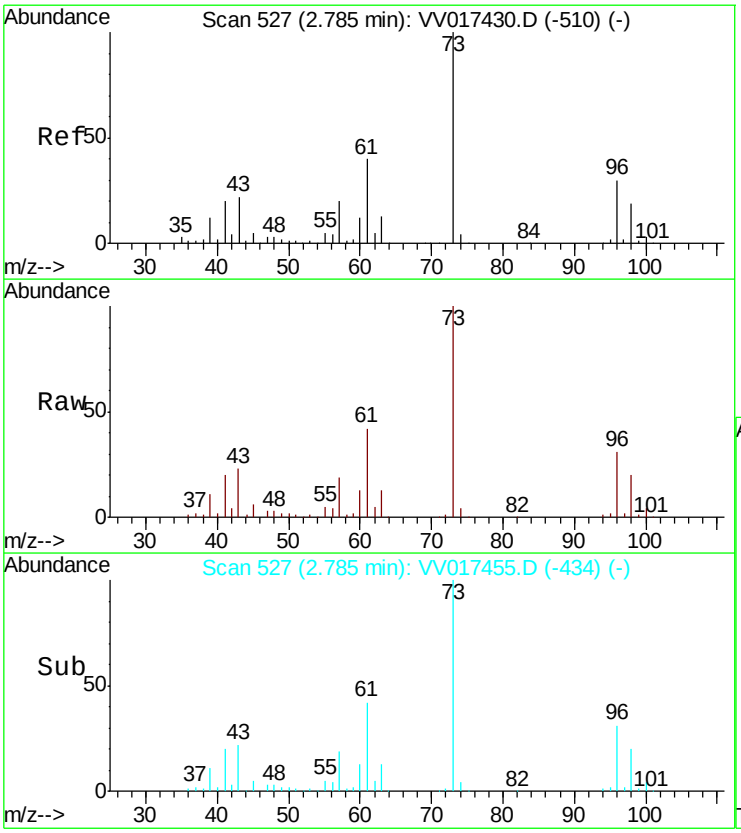
#17
trans-1,2-Dichloroethene
Concen: 45.998 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 82981

Ion	Ratio	Lower	Upper
96	100		
61	135.5	99.0	184.0
98	62.2	44.4	82.5

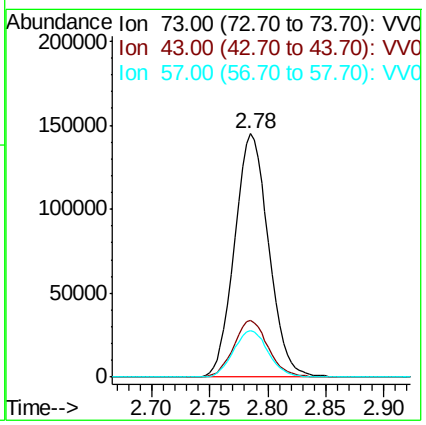


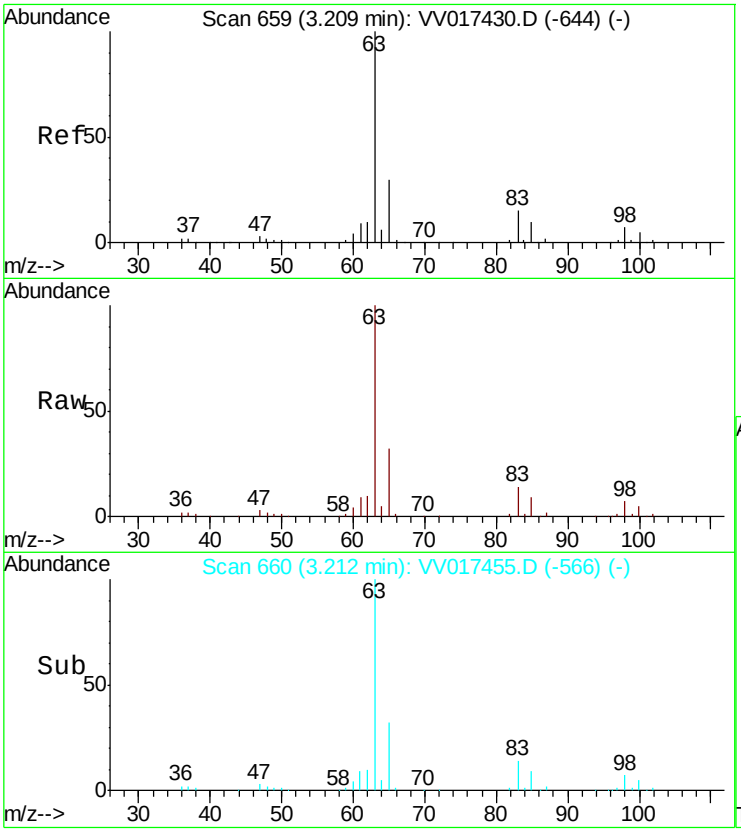


#18
Methyl tert-butyl Ether
Concen: 49.217 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 73 Resp: 296216

Ion	Ratio	Lower	Upper
73	100		
43	23.1	18.2	27.2
57	19.6	16.2	24.4



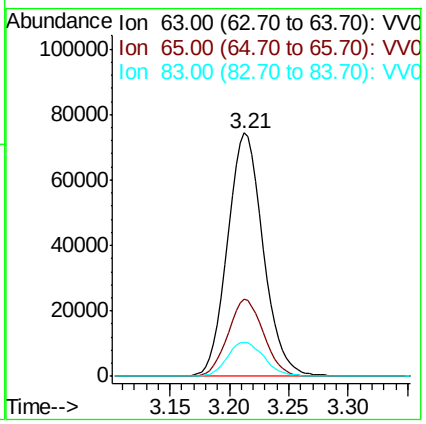


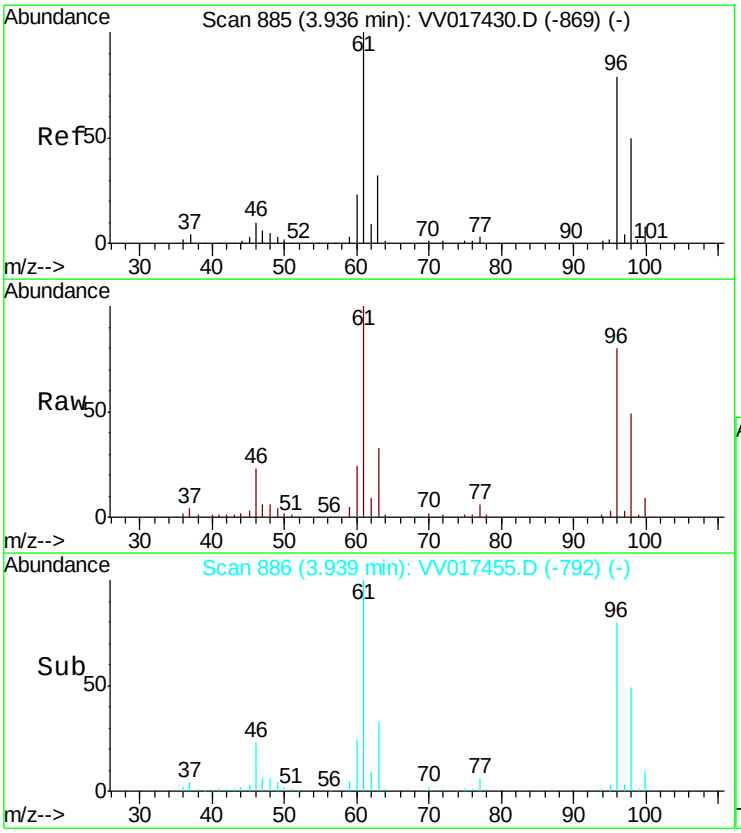
#19
1,1-Dichloroethane
Concen: 46.640 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 154715

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.1	41.1
83	14.0	10.1	18.9

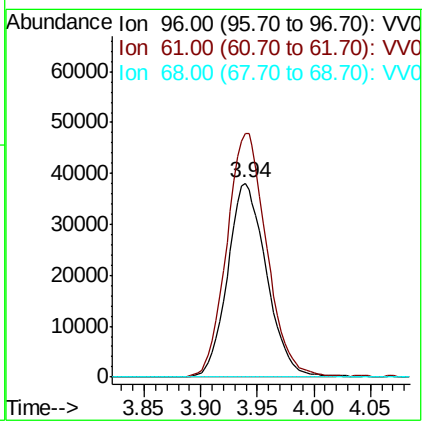


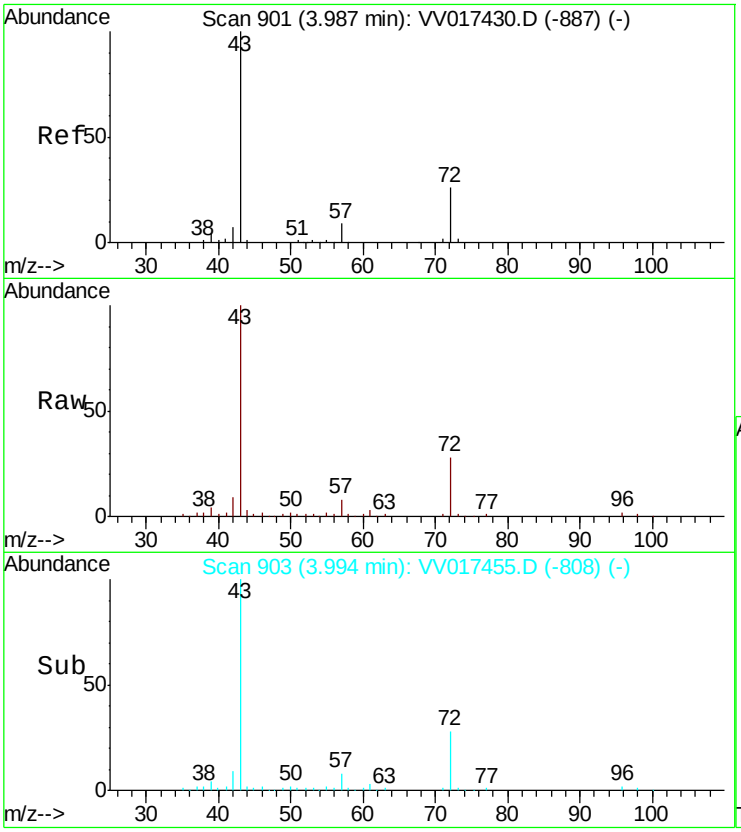


#20
cis-1,2-Dichloroethene
Concen: 47.086 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 96 Resp: 91014

Ion	Ratio	Lower	Upper
96	100		
61	125.4	88.9	165.1
68	0.0	0.0	0.0



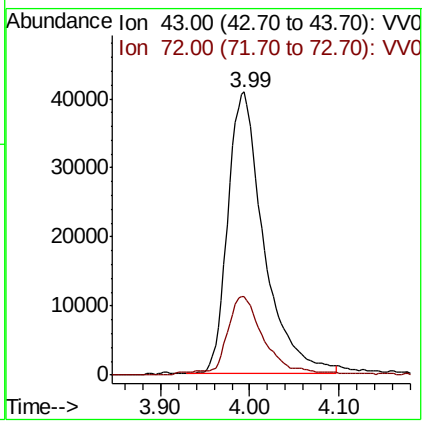


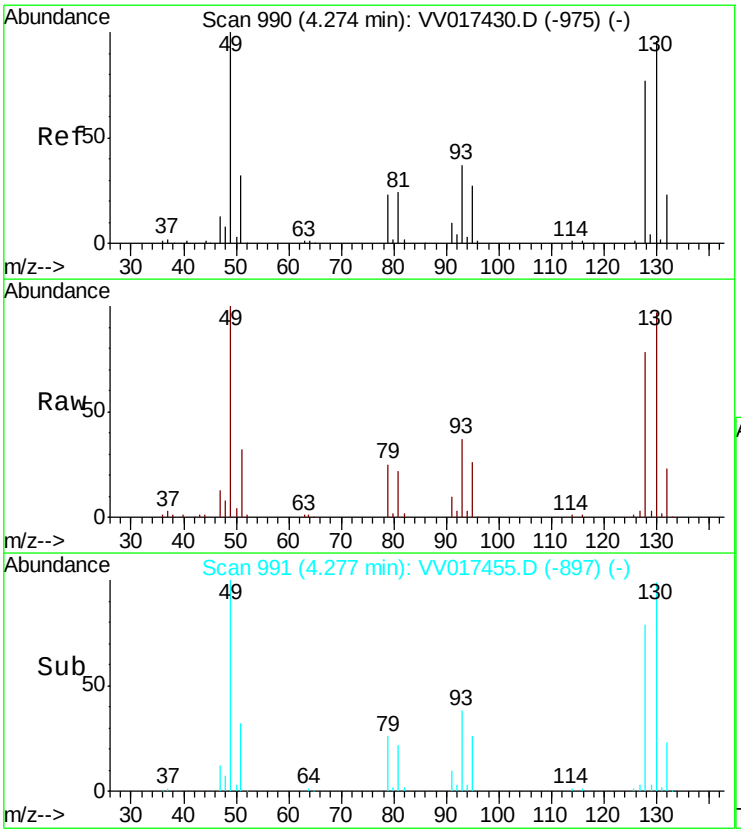
#22
2-Butanone
Concen: 87.669 ug/L
RT: 3.99 min Scan# 903
Delta R.T. 0.01 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 114565

Ion	Ratio	Lower	Upper
43	100		
72	23.2	11.9	35.5

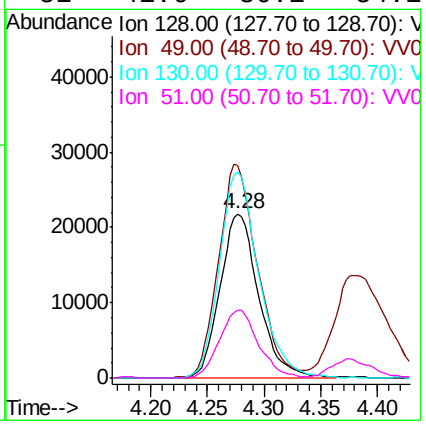


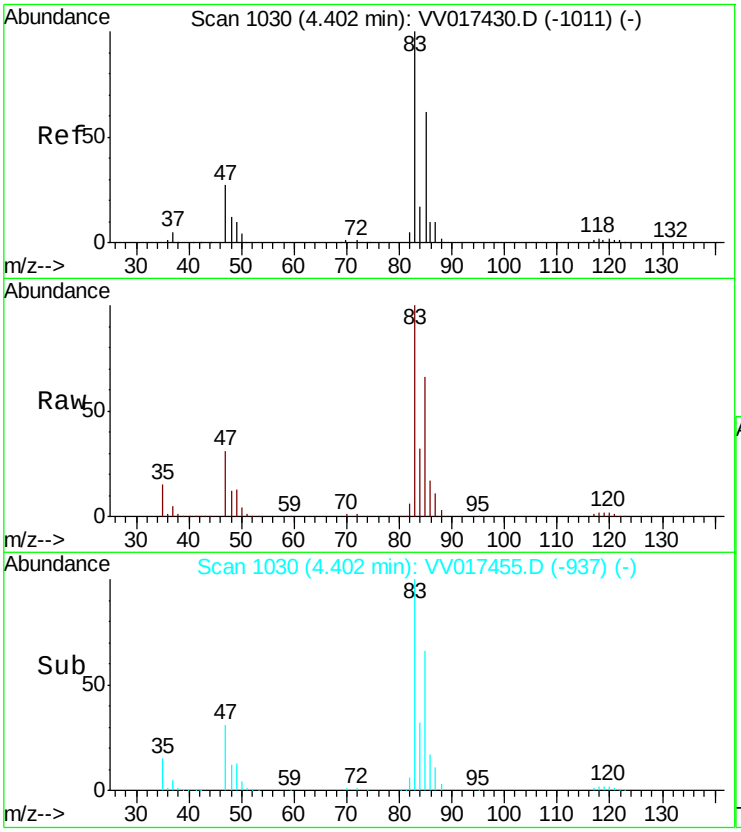


#23
Bromochloromethane
Concen: 48.155 ug/L
RT: 4.28 min Scan# 991
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:128 Resp: 51792

Ion	Ratio	Lower	Upper
128	100		
49	129.0	96.7	179.5
130	125.7	88.3	164.1
51	41.6	36.1	54.1



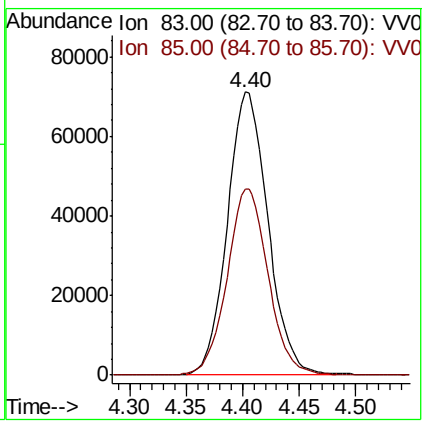


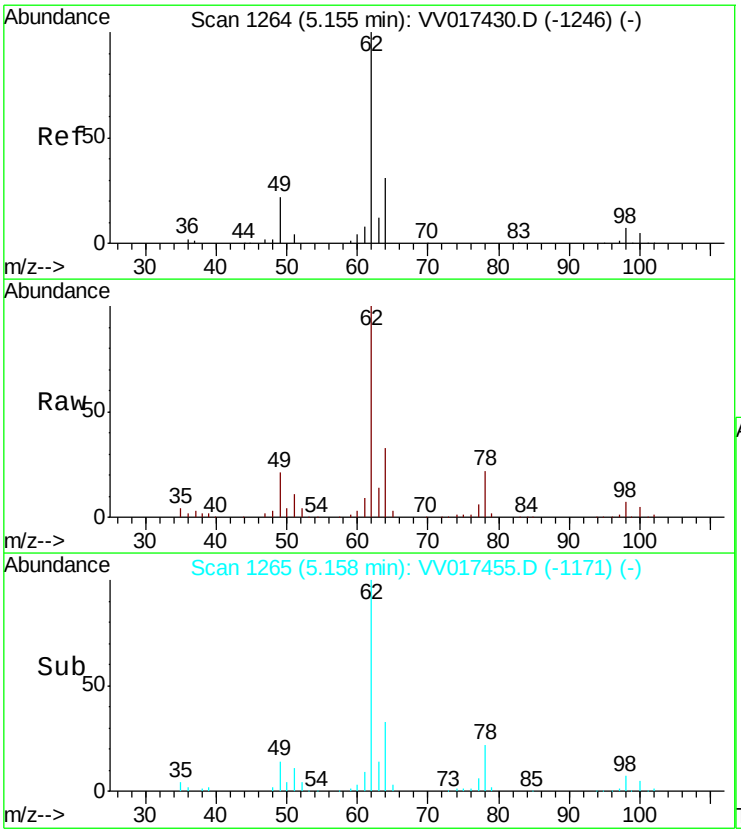
#25
Chloroform
Concen: 47.674 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 177506

Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.1	83.9

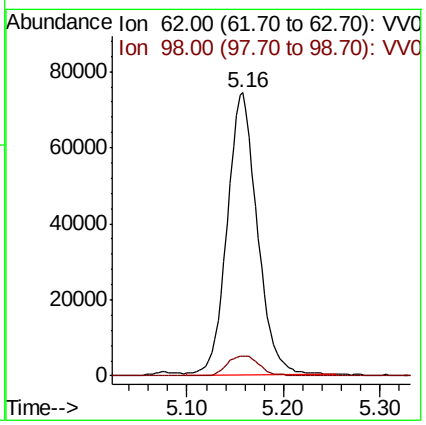


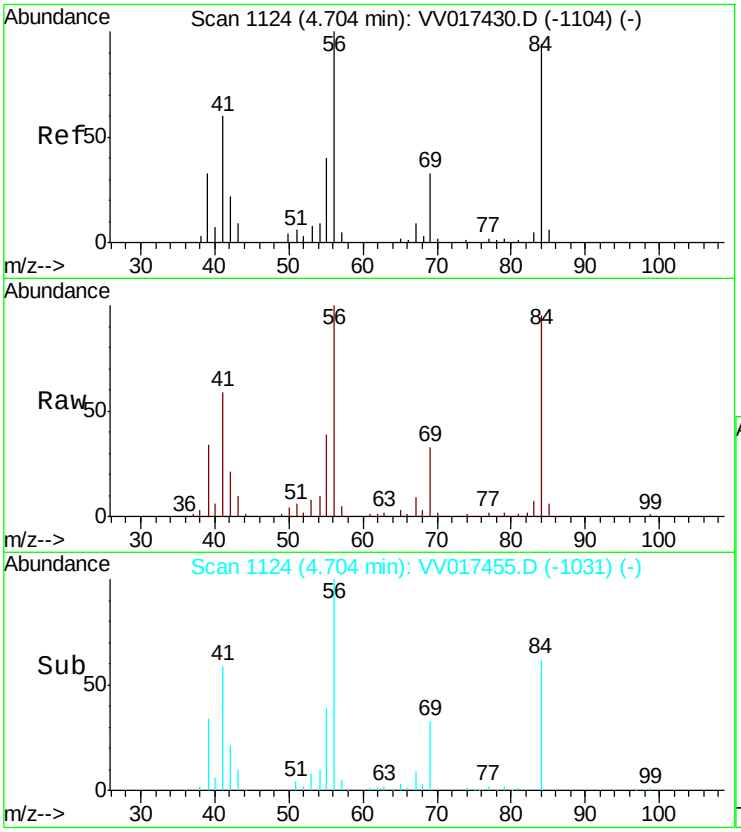


#27
1,2-Dichloroethane
Concen: 49.208 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 62 Resp: 161048

Ion	Ratio	Lower	Upper
62	100		
98	7.1	6.4	9.6



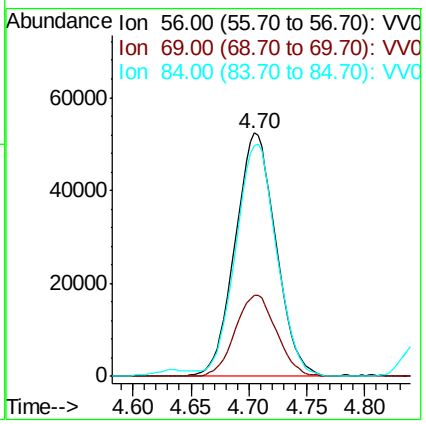


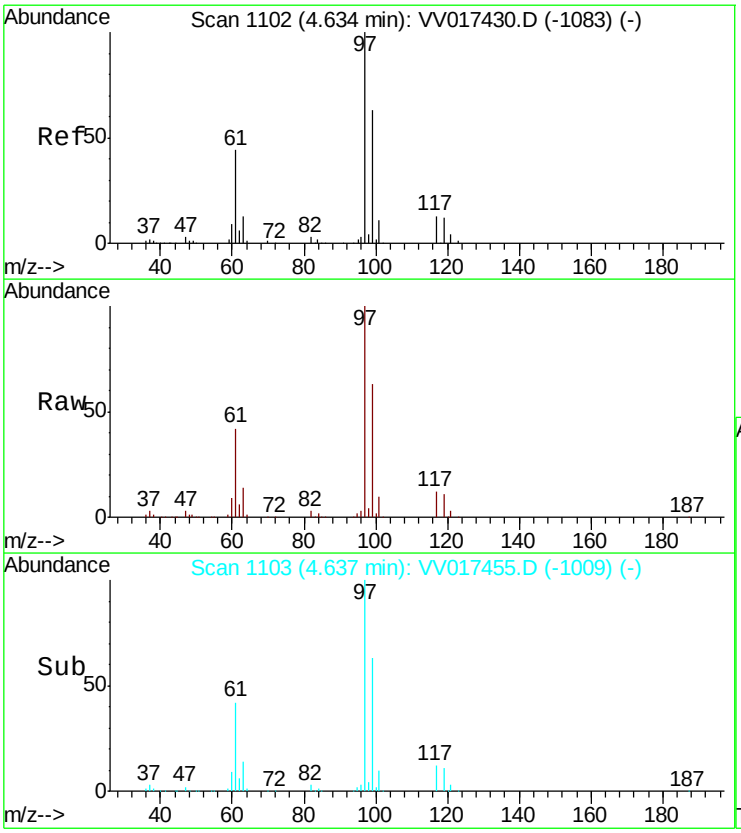
#29
Cyclohexane
Concen: 45.950 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 128166

Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.0	40.4
84	95.7	77.4	116.0

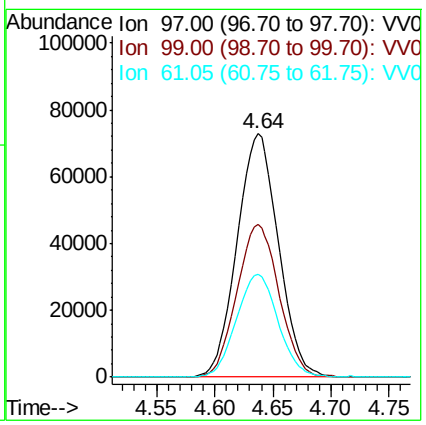


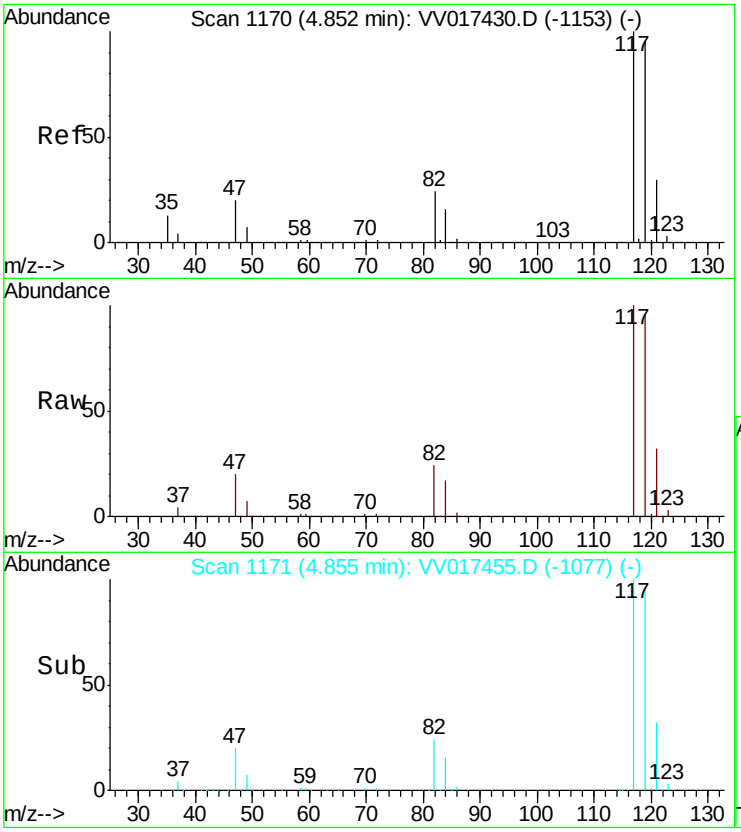


#30
1,1,1-Trichloroethane
Concen: 49.114 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 97 Resp: 180644

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	42.9	34.1	51.1



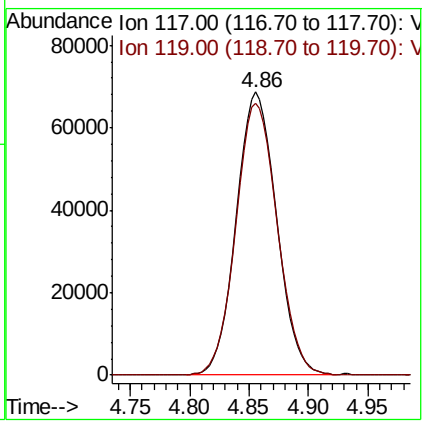


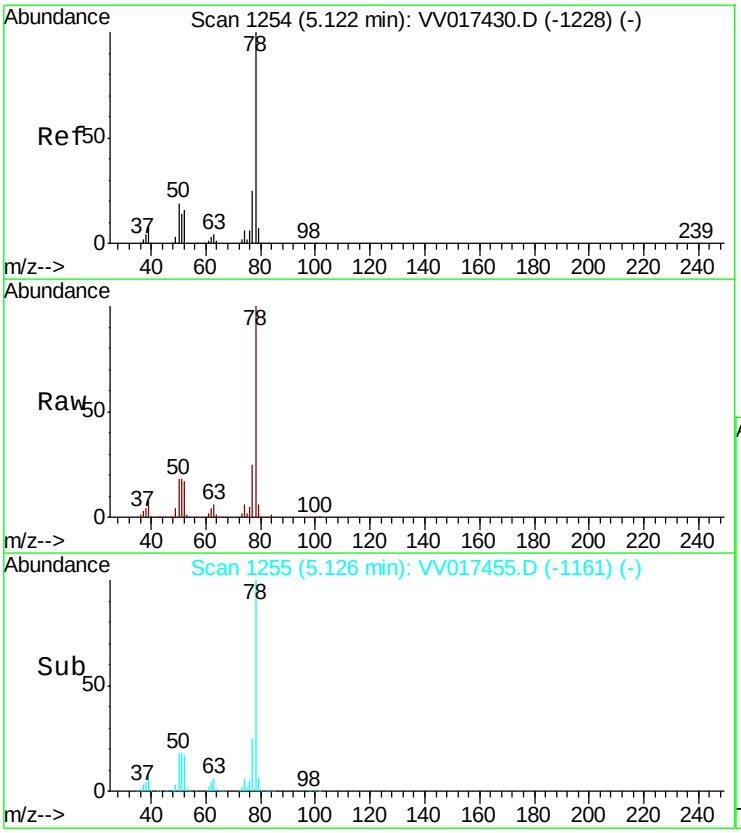
#31
Carbon tetrachloride
Concen: 48.004 ug/L
RT: 4.86 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 161609

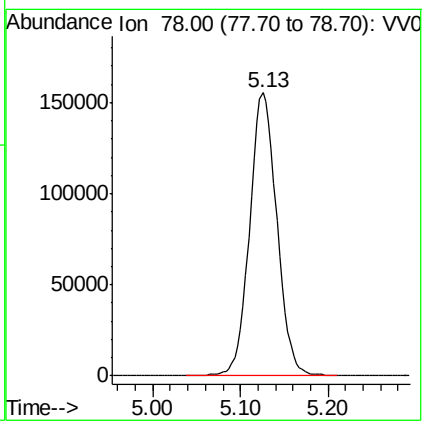
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.0

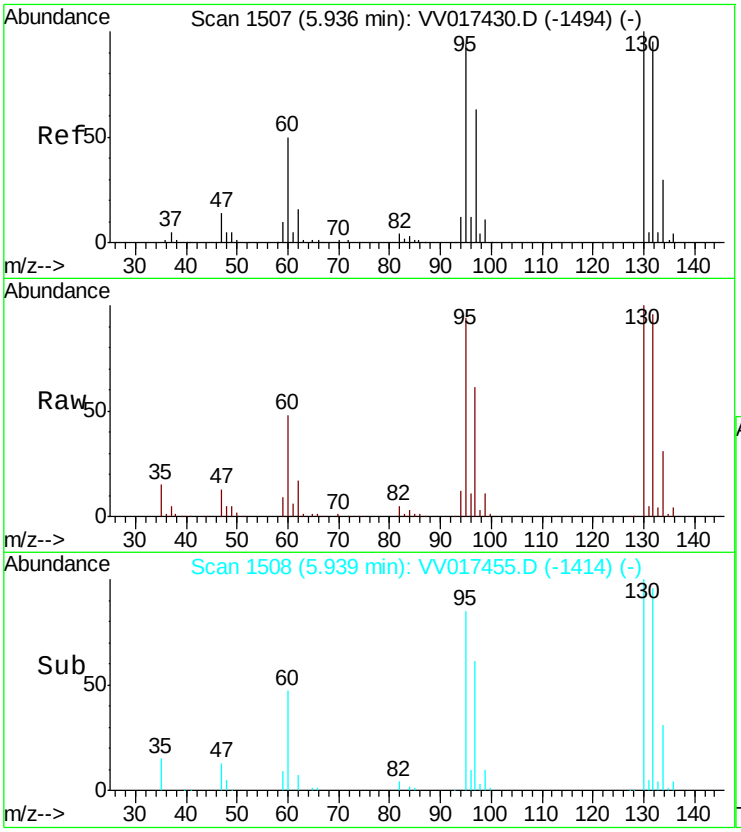




#33
Benzene
Concen: 47.515 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 78 Resp: 335947



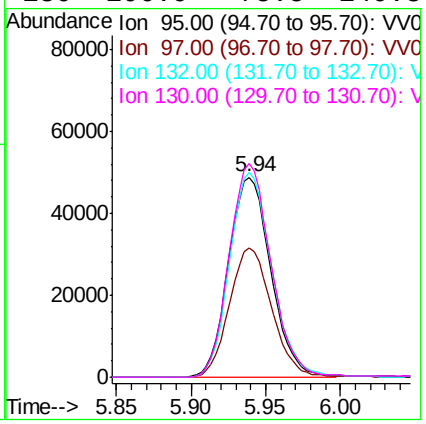


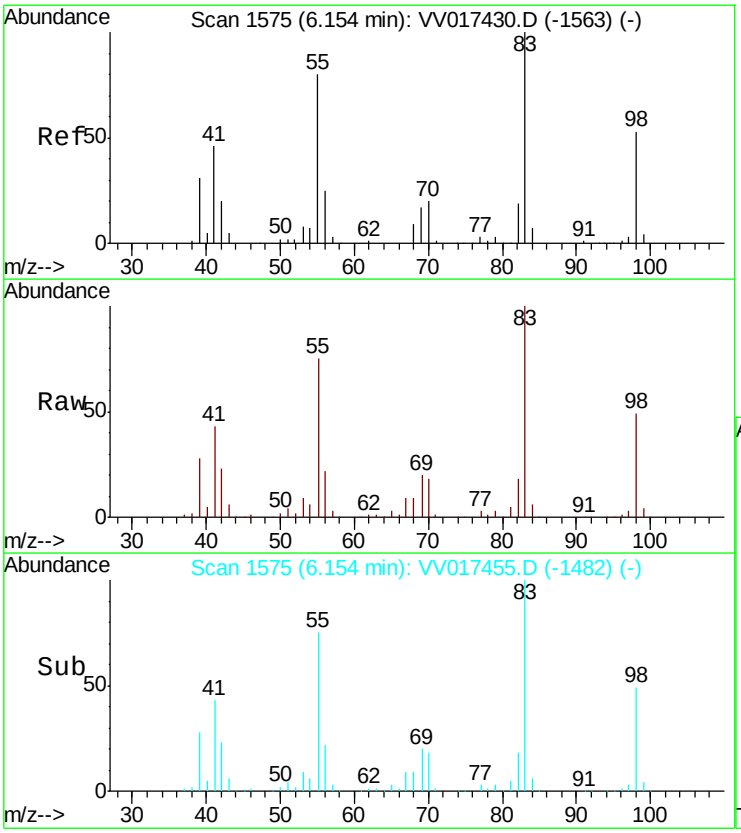
#34
Trichloroethene
Concen: 45.833 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 96209

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.6
132	102.4	74.1	137.5
130	106.9	75.5	140.3

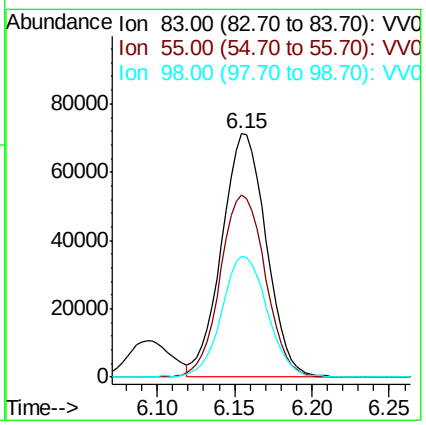


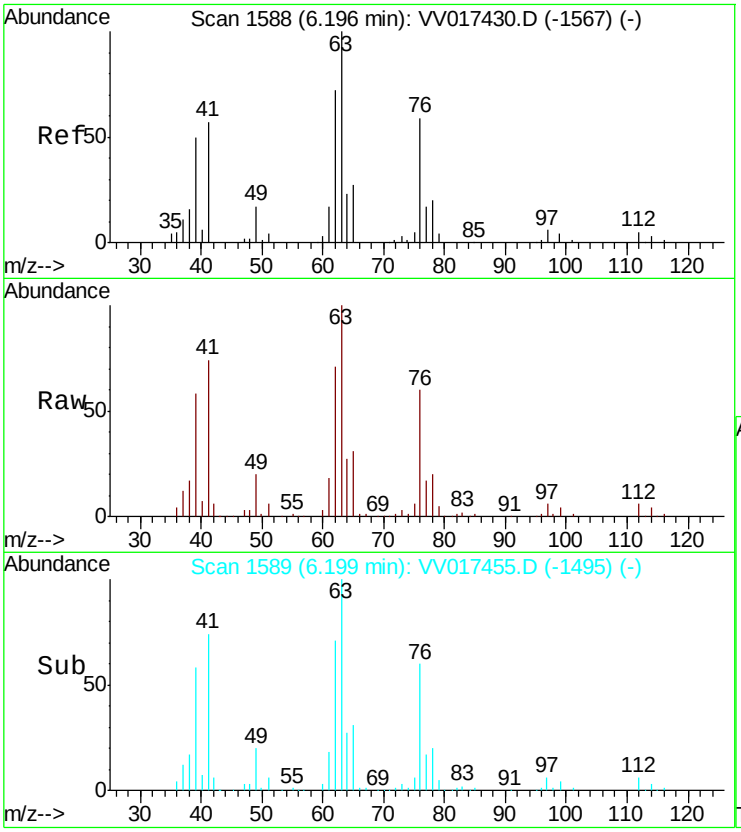


#35
Methylcyclohexane
Concen: 46.178 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 83 Resp: 141944

Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.0	91.6
98	51.0	41.3	61.9



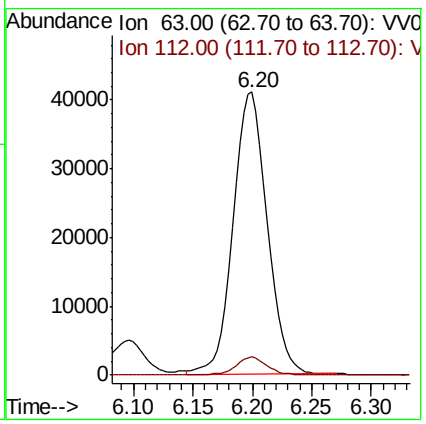


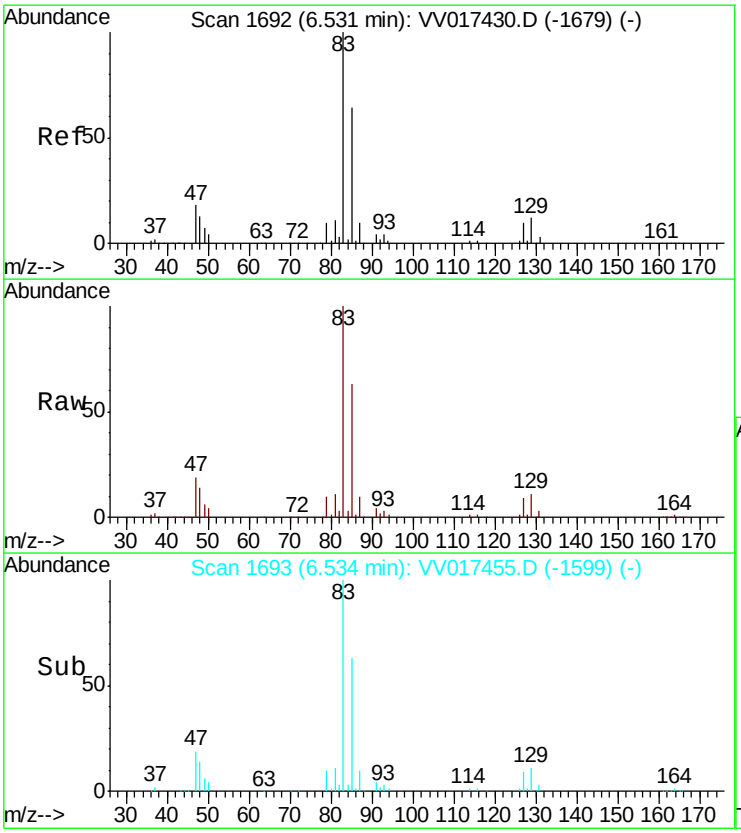
#37
1,2-Dichloropropane
Concen: 47.126 ug/L
RT: 6.20 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 81494

Ion	Ratio	Lower	Upper
63	100		
112	5.9	4.4	6.6

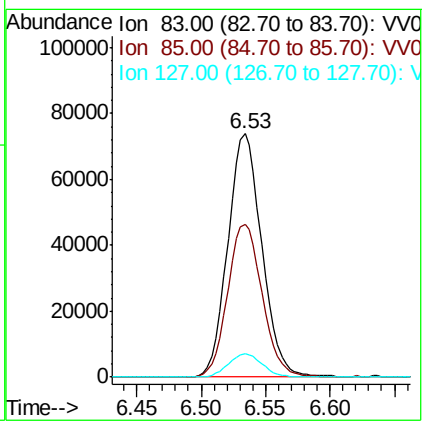


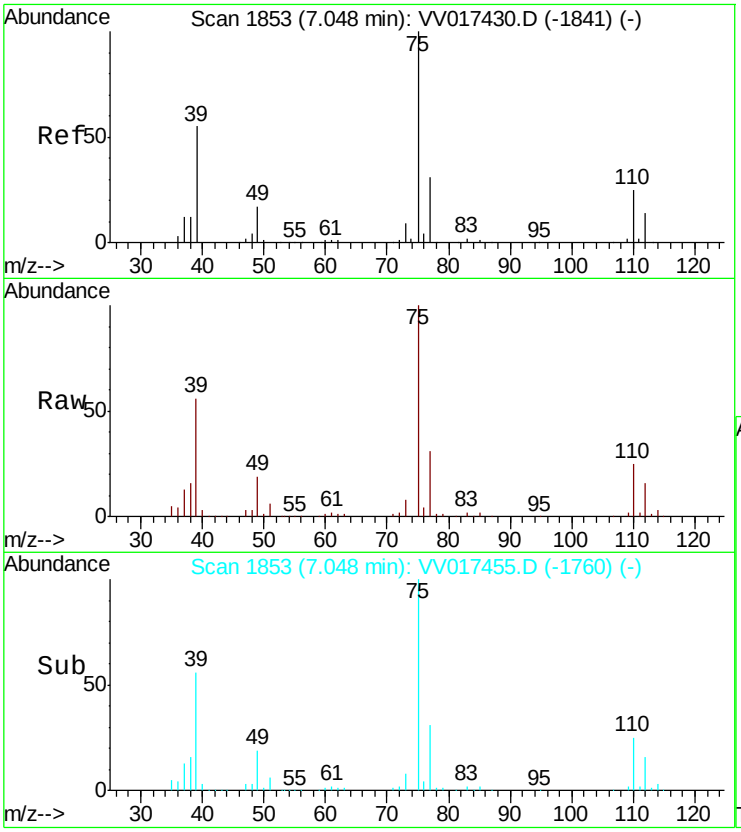


#38
Bromodichloromethane
Concen: 48.122 ug/L
RT: 6.53 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 83 Resp: 135504

Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.6	82.8
127	9.4	7.4	11.2



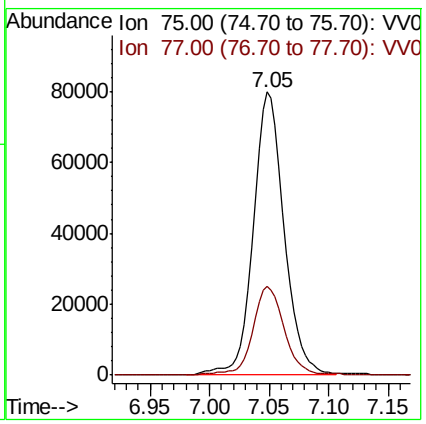


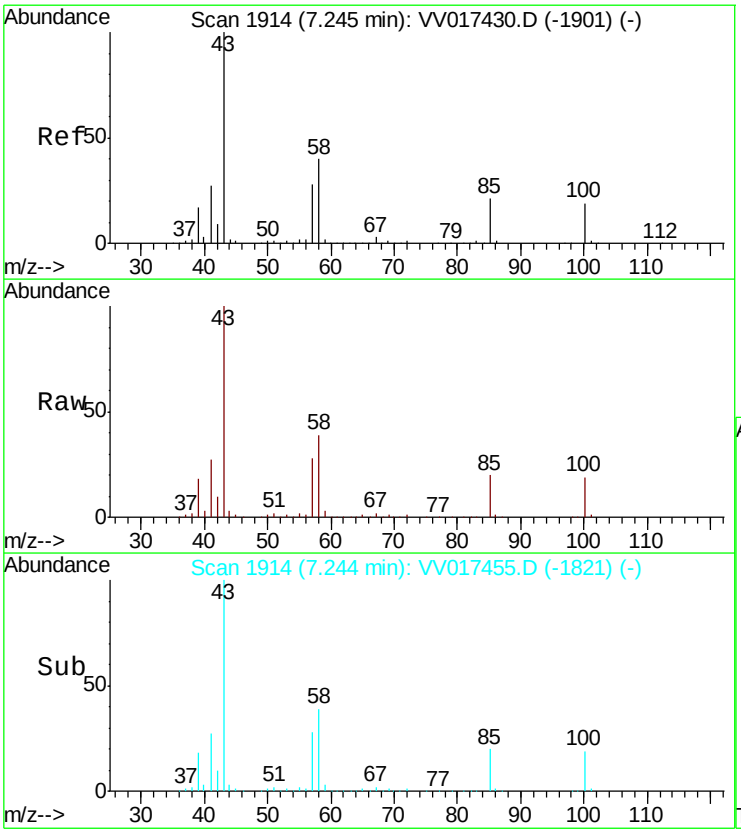
#39
cis-1,3-Dichloropropene
Concen: 48.639 ug/L
RT: 7.05 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 143338

Ion	Ratio	Lower	Upper
75	100		
77	31.3	22.2	41.2

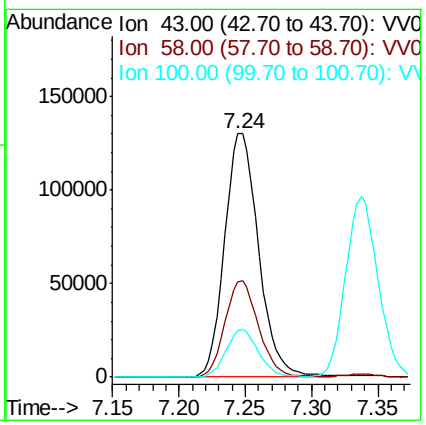


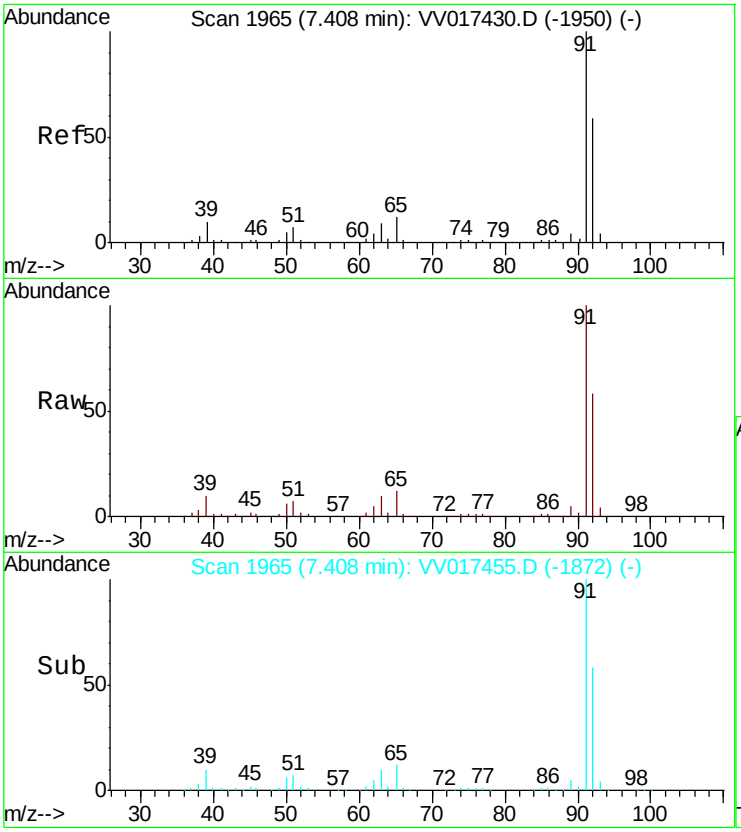


#40
4-Methyl-2-pentanone
Concen: 97.152 ug/L
RT: 7.24 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 43 Resp: 232306

Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.2	48.4
100	18.6	14.1	21.1



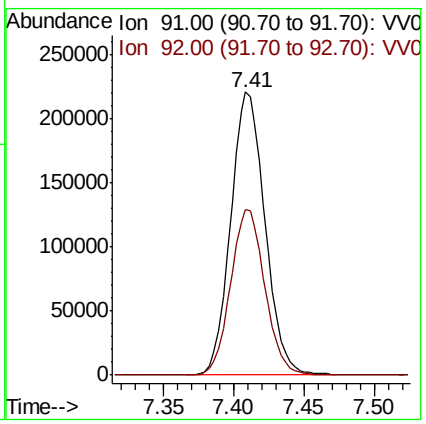


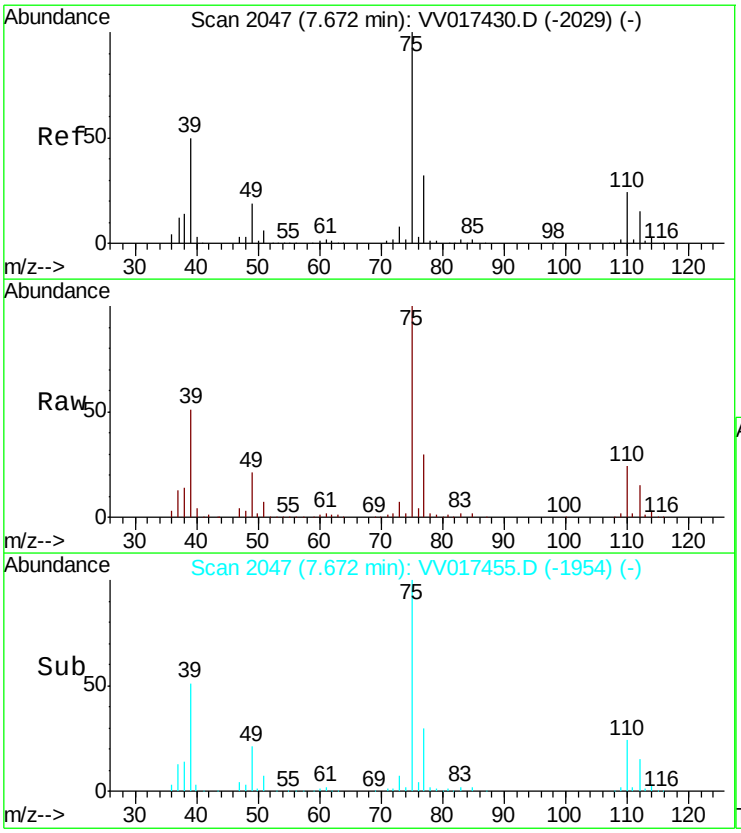
#42
Toluene
Concen: 47.498 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 375353

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.8	75.8

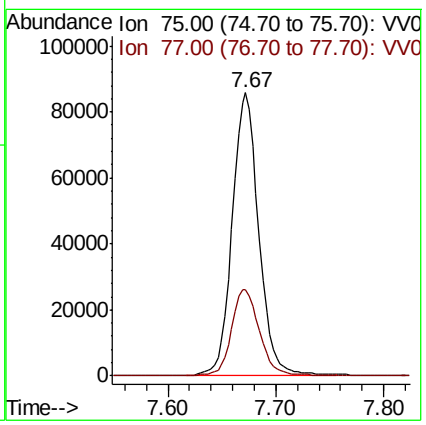


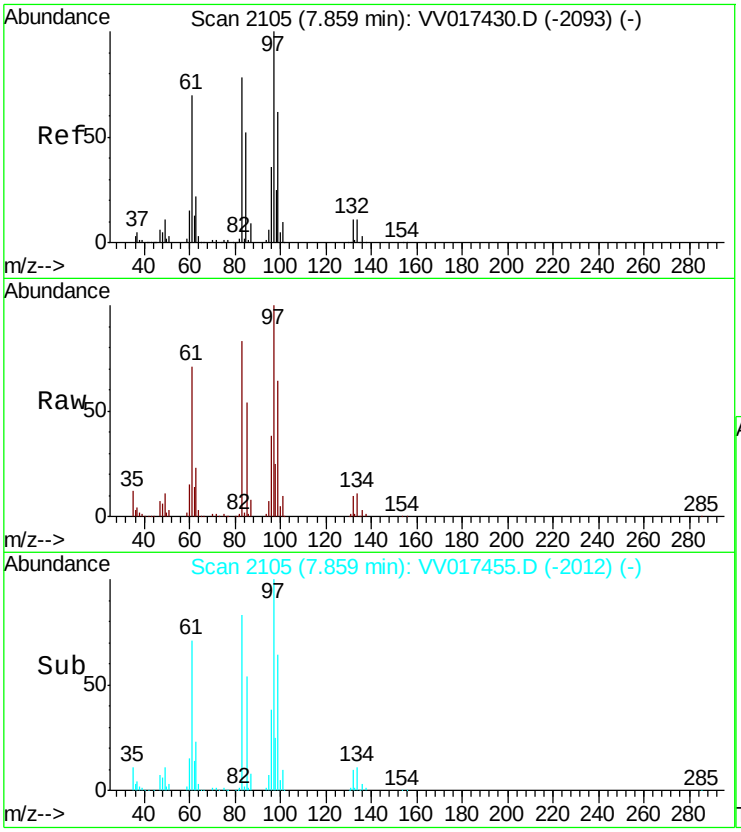


#44
trans-1,3-Dichloropropene
Concen: 48.111 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 75 Resp: 146647

Ion	Ratio	Lower	Upper
75	100		
77	30.4	21.3	39.5



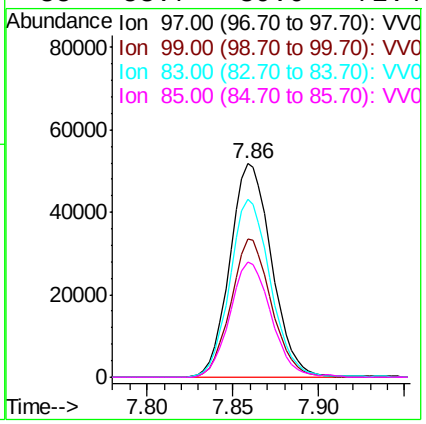


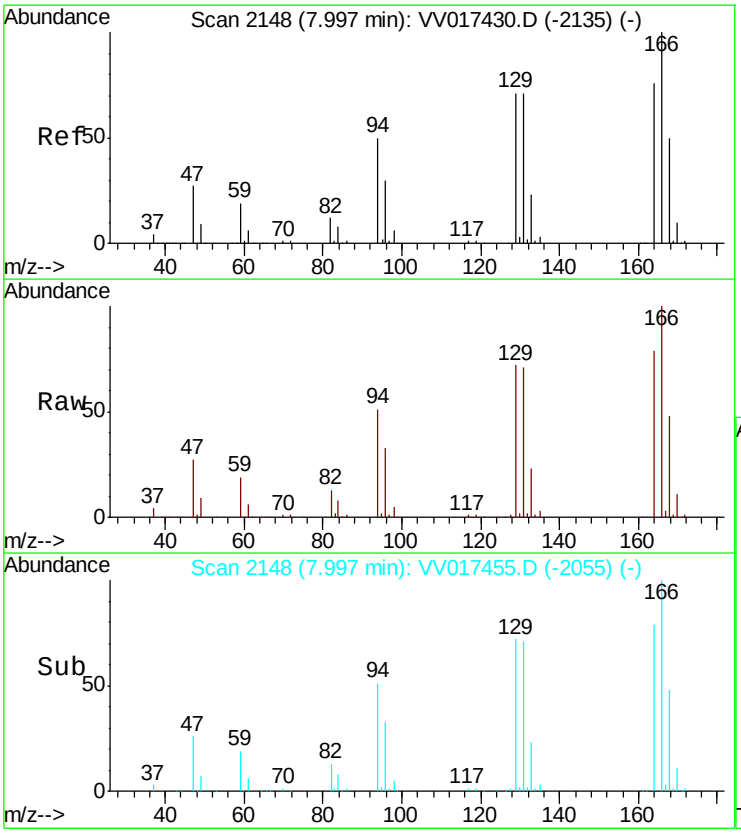
#45
1,1,2-Trichloroethane
Concen: 46.826 ug/L
RT: 7.86 min Scan# 2105
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 87858

Ion	Ratio	Lower	Upper
97	100		
99	64.5	44.6	82.8
83	83.3	60.1	111.7
85	53.7	39.0	72.4

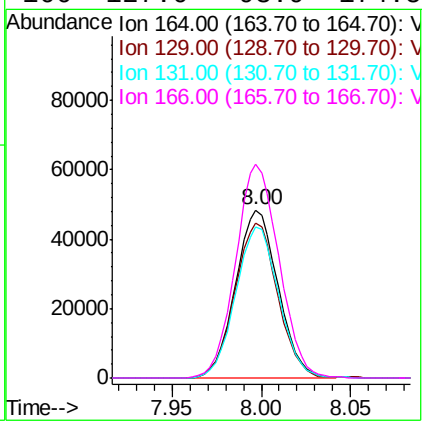


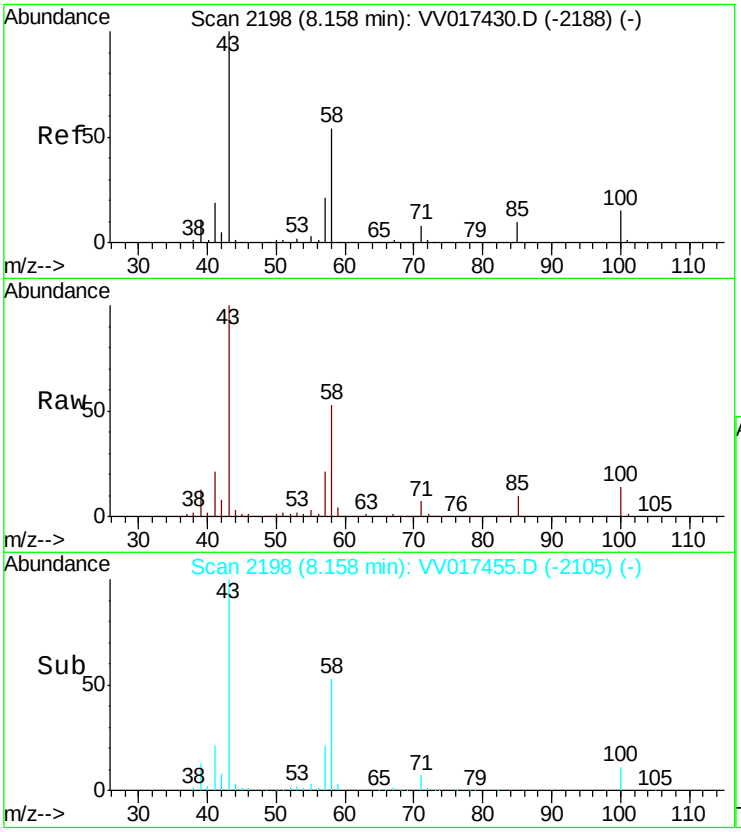


#46
Tetrachloroethene
Concen: 45.855 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:164 Resp: 80822

Ion	Ratio	Lower	Upper
164	100		
129	91.8	66.6	123.8
131	89.9	65.5	121.7
166	127.0	93.9	174.5



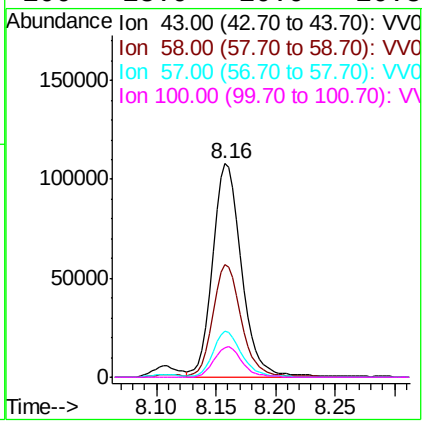


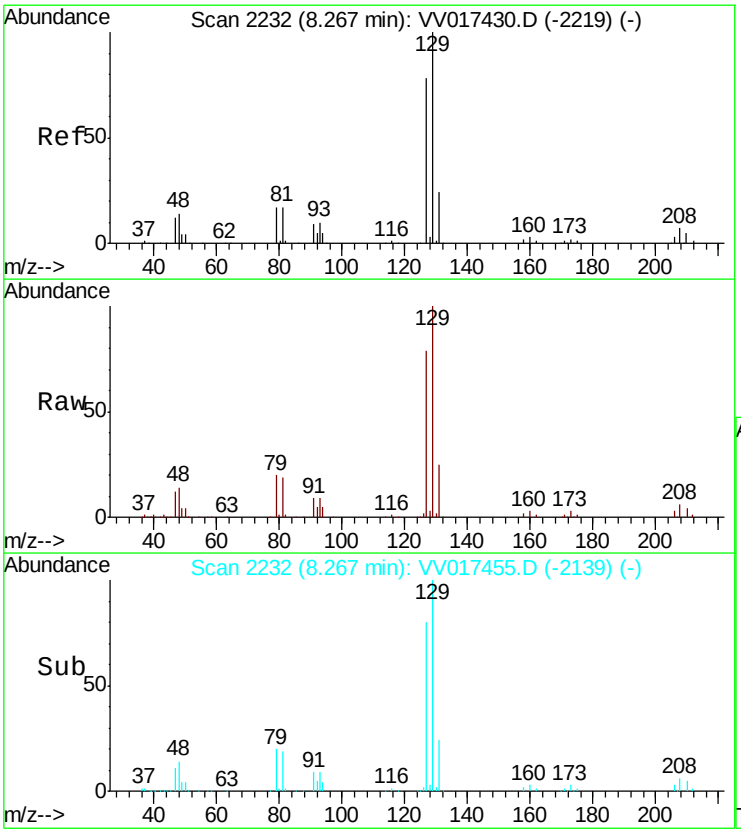
#48
2-Hexanone
Concen: 93.511 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 181012

Ion	Ratio	Lower	Upper
43	100		
58	51.9	42.6	64.0
57	21.0	16.2	24.4
100	13.9	10.9	16.3

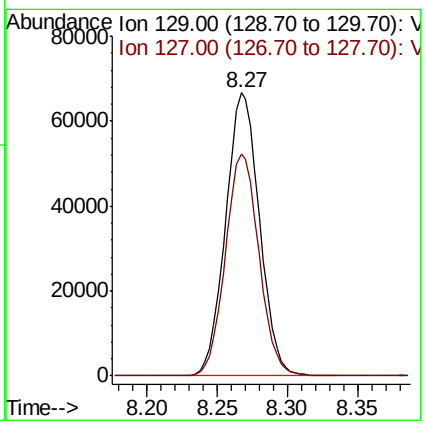


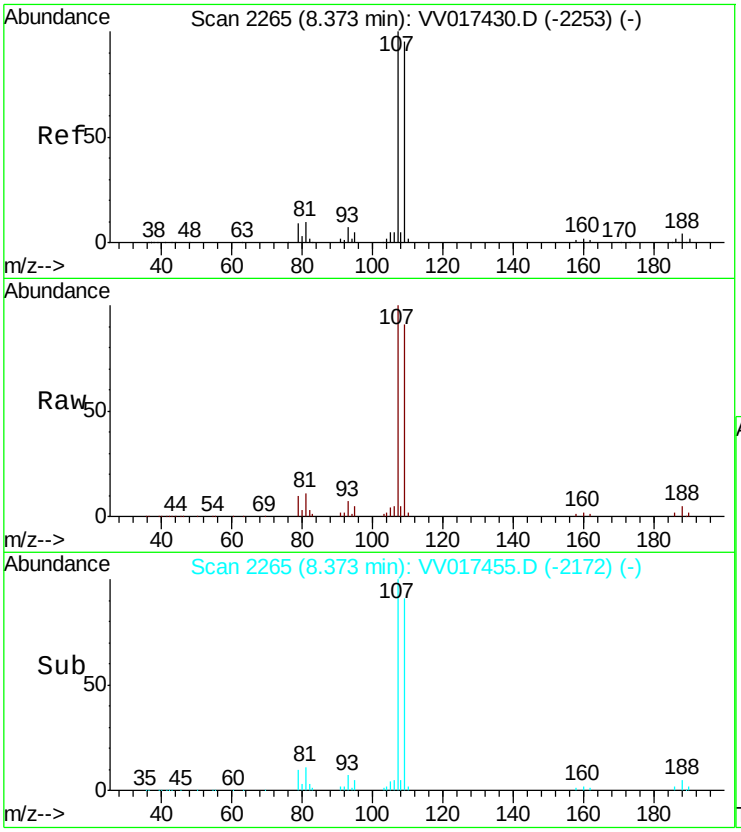


#49
Dibromochloromethane
Concen: 47.896 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:129 Resp: 112106

Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.6	101.4



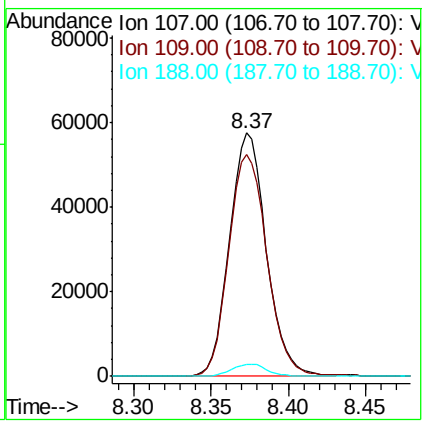


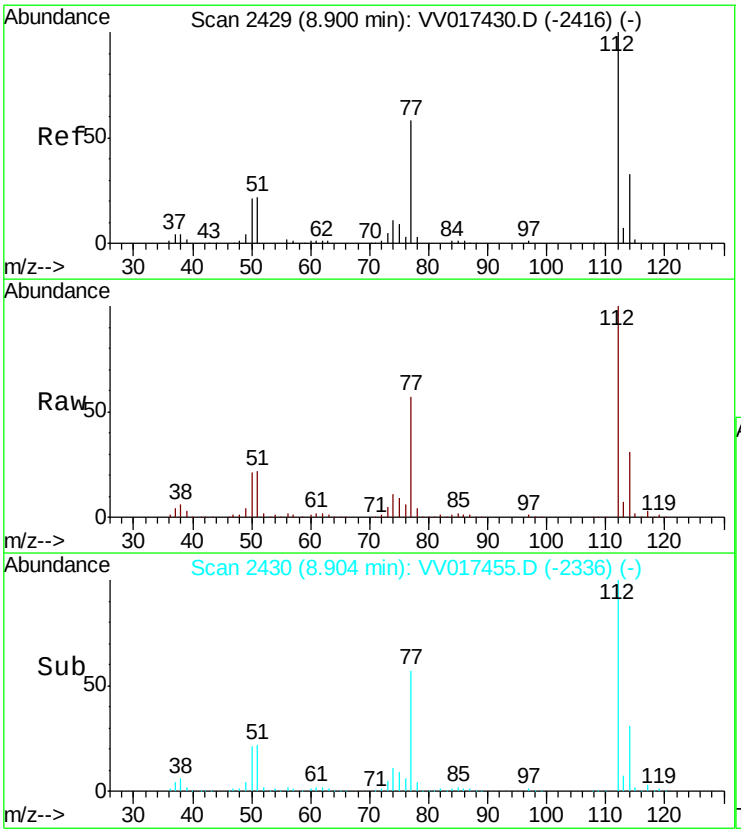
#50
1,2-Dibromoethane
Concen: 47.330 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 95051

Ion	Ratio	Lower	Upper
107	100		
109	90.9	67.3	125.1
188	4.9	3.5	5.3

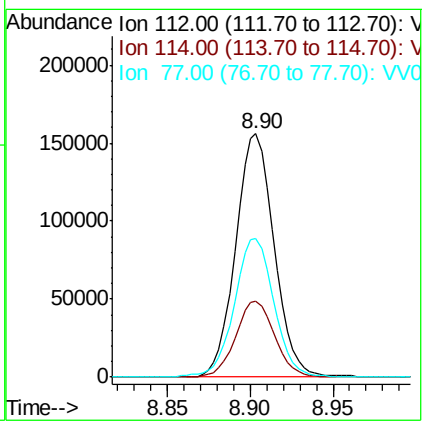


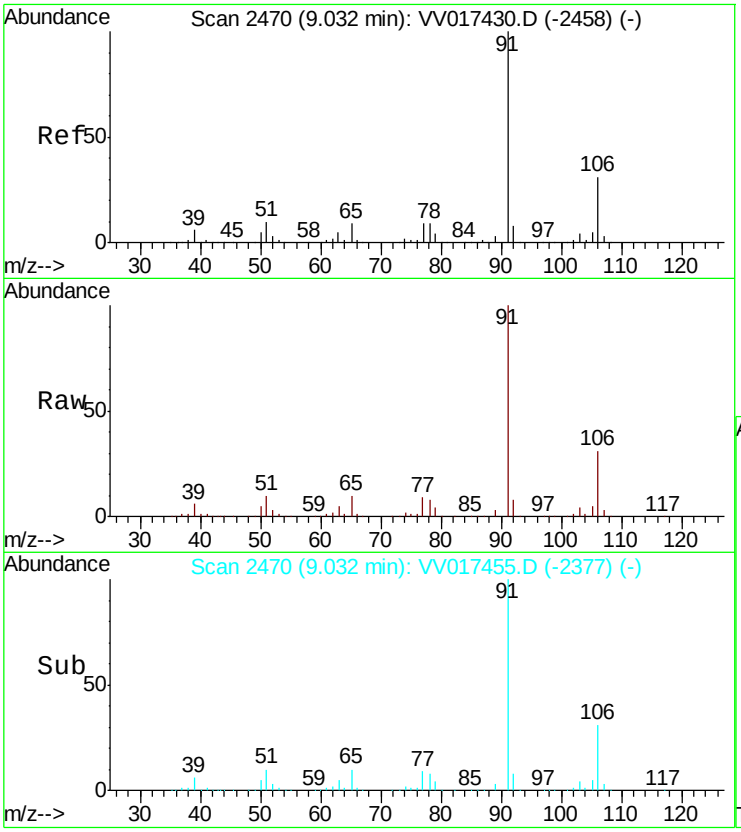


#51
Chlorobenzene
Concen: 46.972 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:112 Resp: 251539

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.7	42.1
77	56.9	46.7	70.1



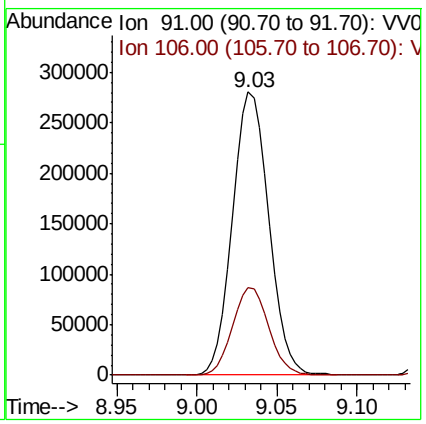


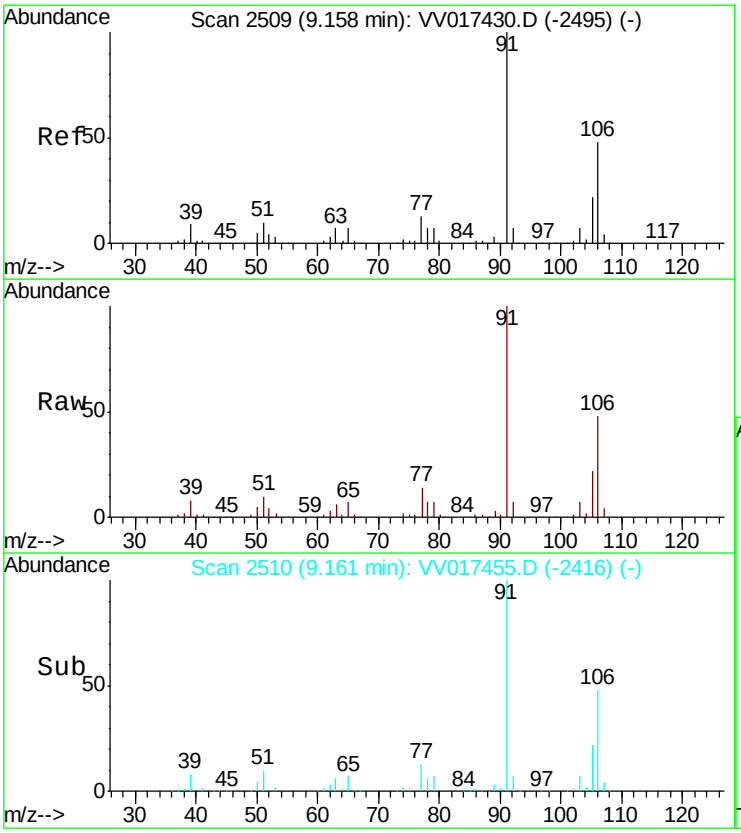
#52
Ethylbenzene
Concen: 47.934 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 433280

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.8	40.6

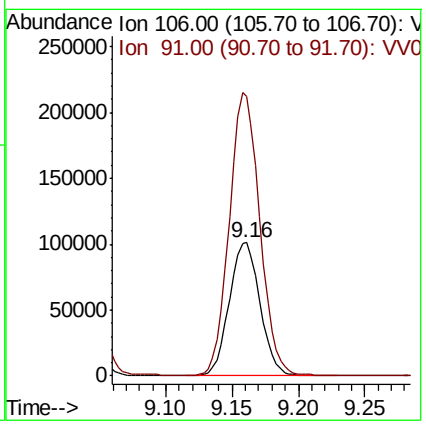


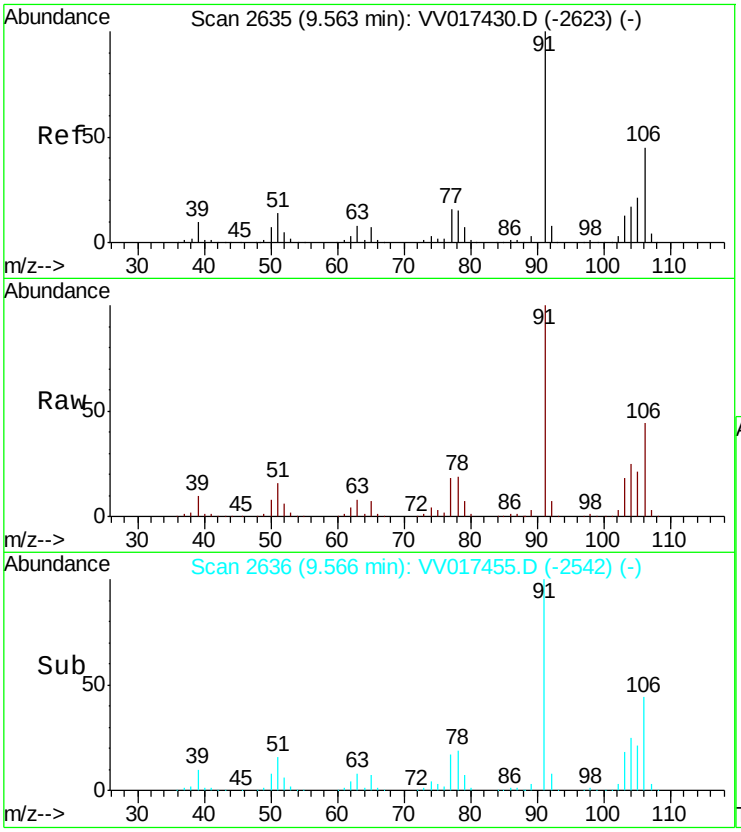


#53
m,p-Xylene
Concen: 48.181 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:106 Resp: 163046

Ion	Ratio	Lower	Upper
106	100		
91	210.1	146.4	271.8



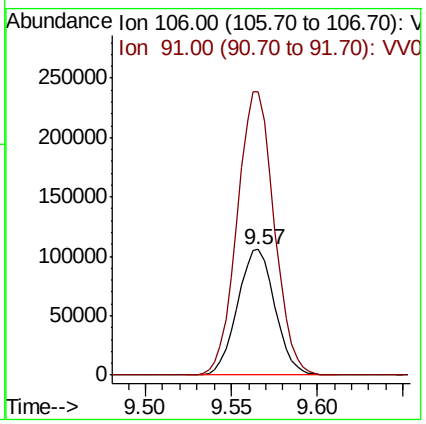


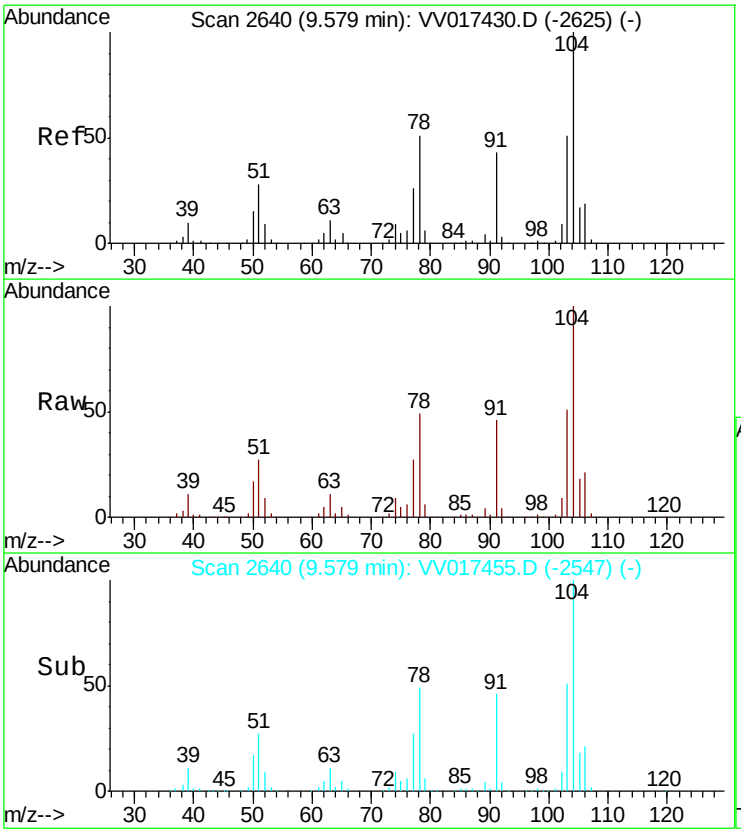
#54
o-xylene
Concen: 49.330 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 160345

Ion	Ratio	Lower	Upper
106	100		
91	225.2	155.6	289.0

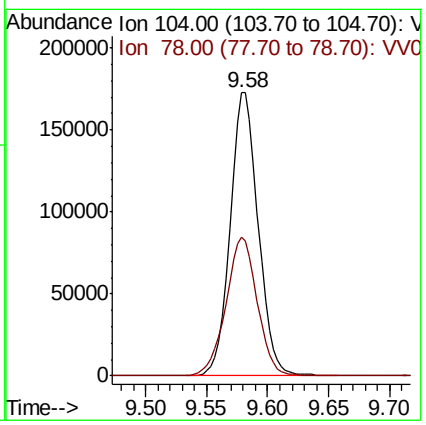


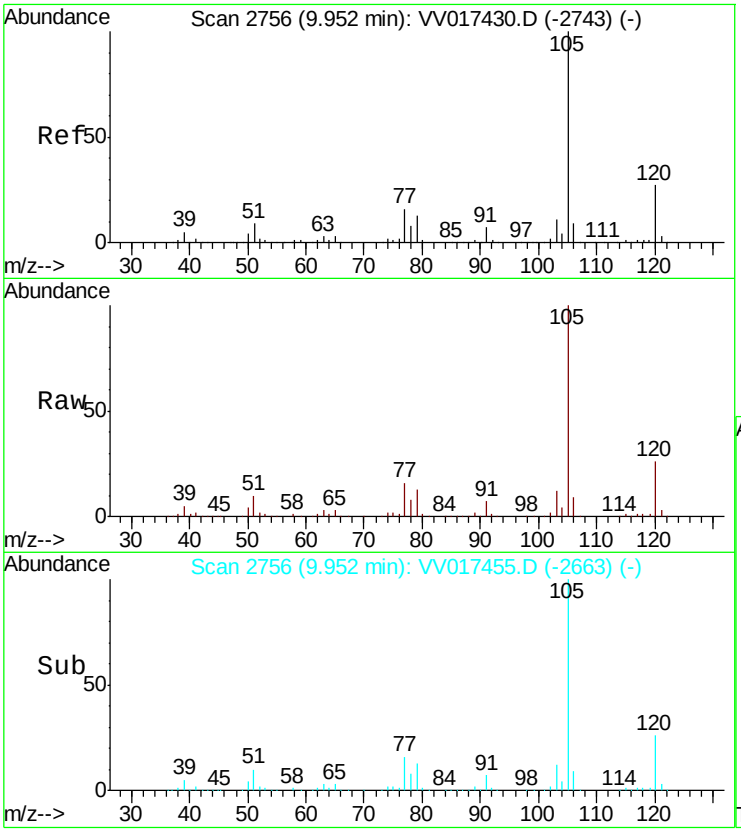


#55
Styrene
Concen: 48.888 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:104 Resp: 276029

Ion	Ratio	Lower	Upper
104	100		
78	49.2	33.1	61.5



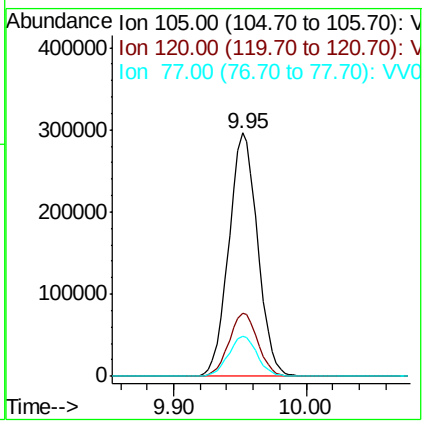


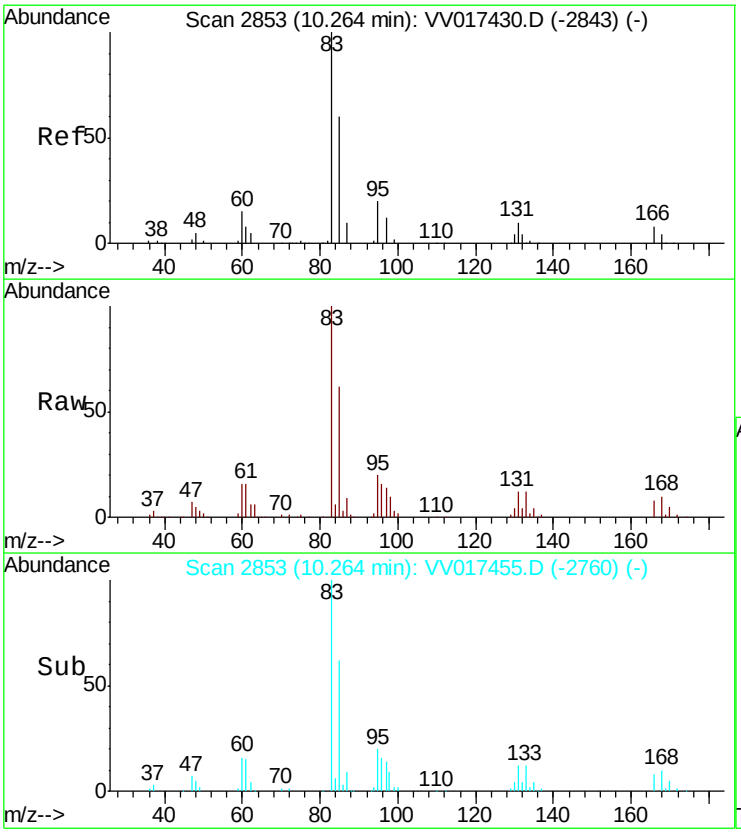
#56
Isopropylbenzene
Concen: 49.331 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 446108

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.1	31.7
77	16.4	13.0	19.6

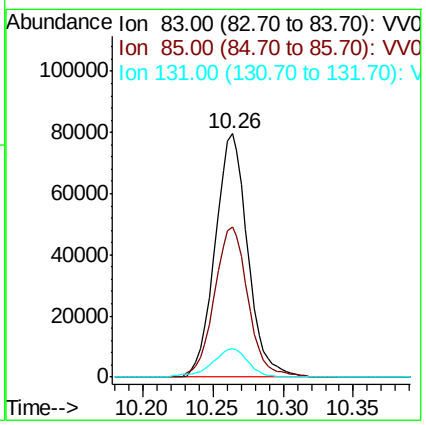


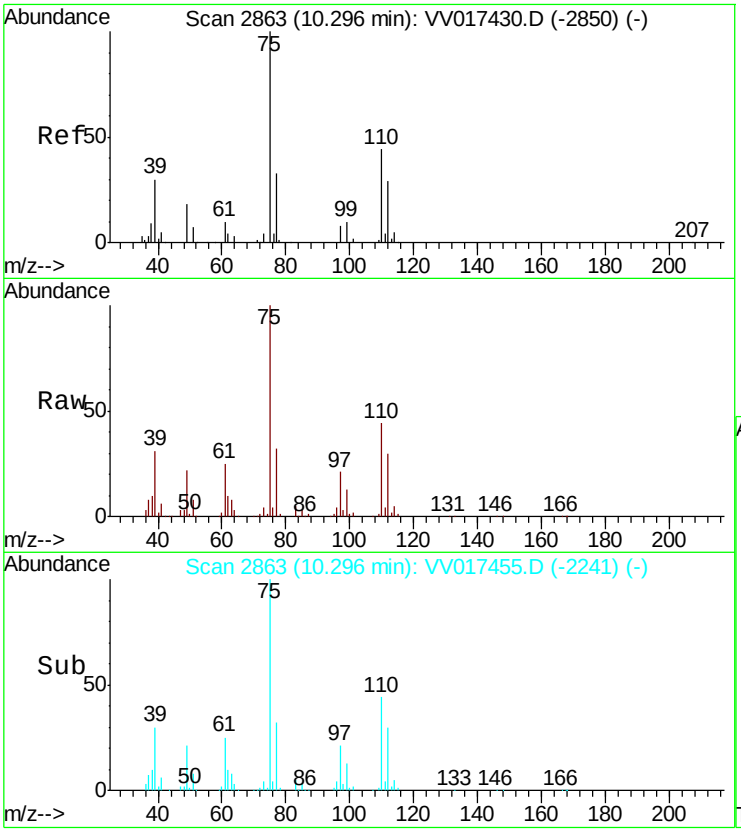


#58
1,1,2,2-Tetrachloroethane
Concen: 46.361 ug/L
RT: 10.26 min Scan# 2853
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 83 Resp: 127740

Ion	Ratio	Lower	Upper
83	100		
85	61.8	44.9	83.5
131	11.8	9.4	14.2



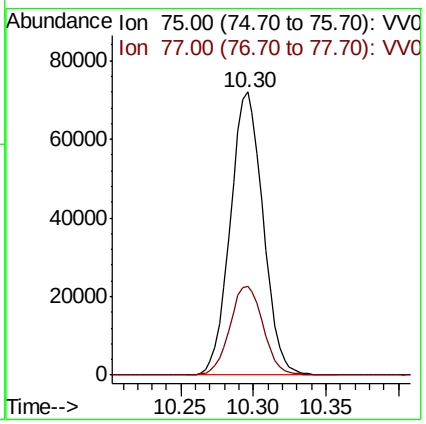


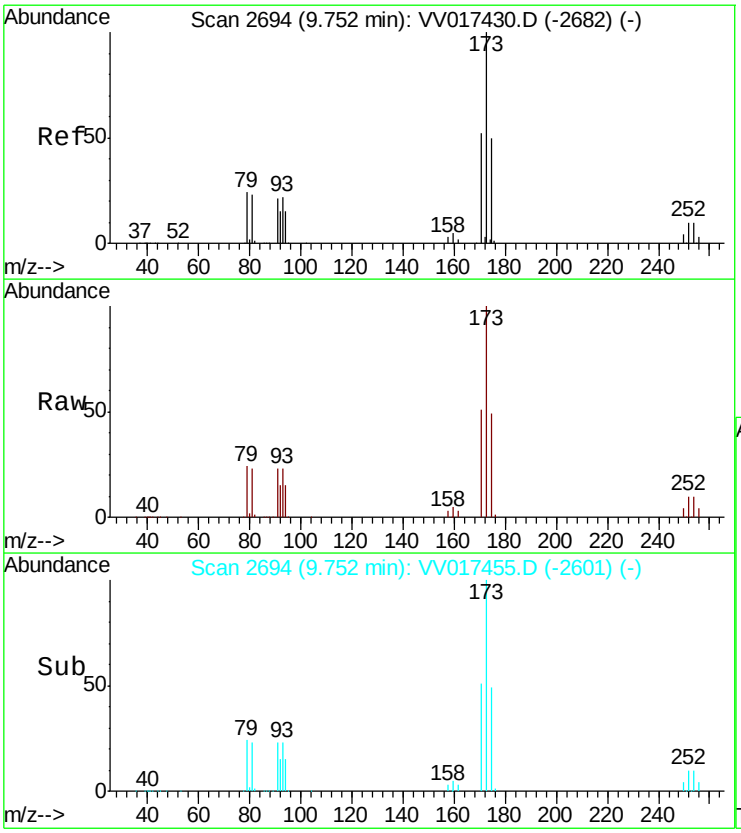
#59
1,2,3-Trichloropropane
Concen: 47.177 ug/L
RT: 10.30 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 113050

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.5	39.7

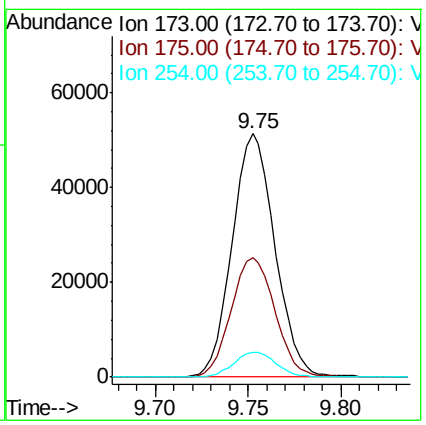


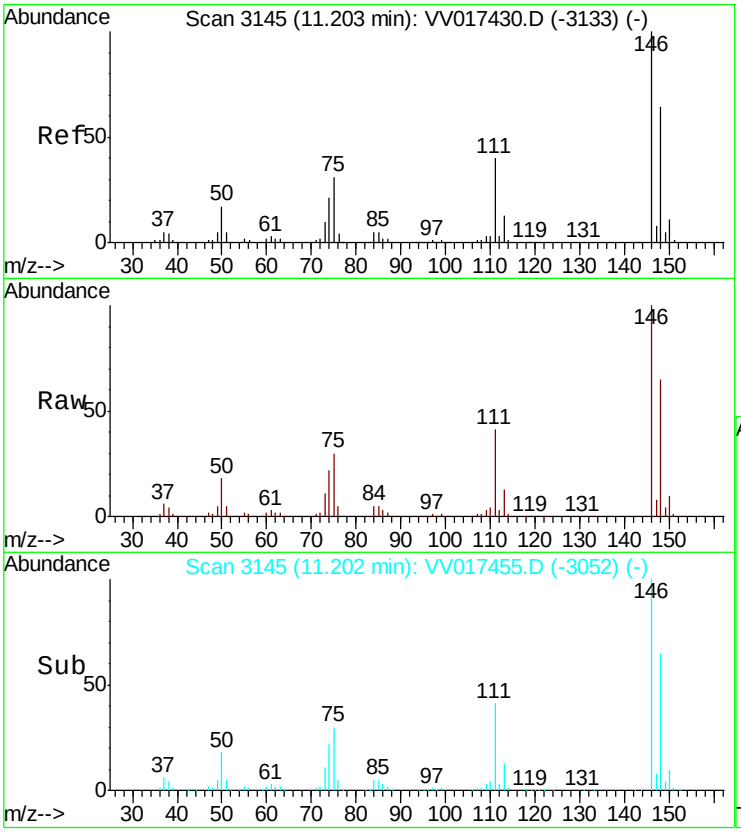


#61
Bromoform
Concen: 46.896 ug/L
RT: 9.75 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:173 Resp: 81908

Ion	Ratio	Lower	Upper
173	100		
175	50.5	38.1	57.1
254	10.3	7.4	11.2



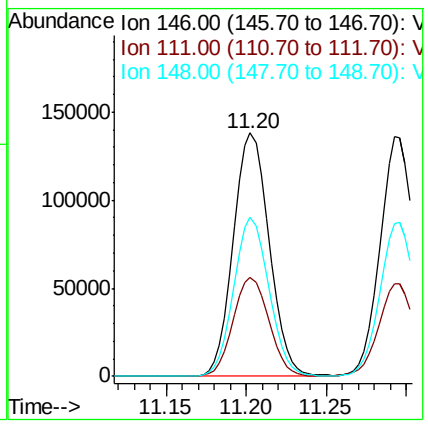


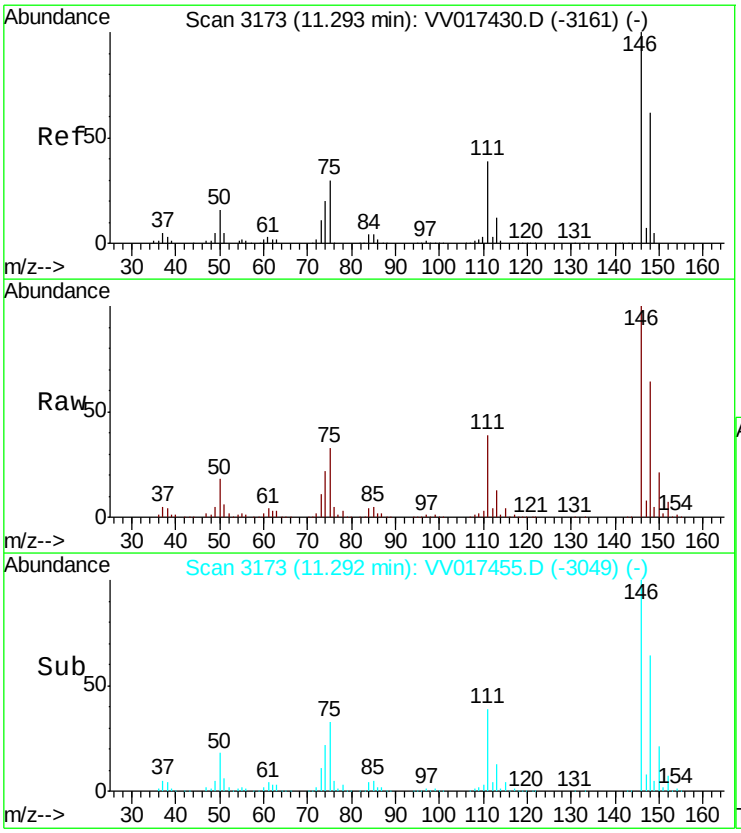
#62
1,3-Dichlorobenzene
Concen: 46.599 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 211138

Ion	Ratio	Lower	Upper
146	100		
111	40.5	27.2	50.6
148	65.4	44.7	82.9

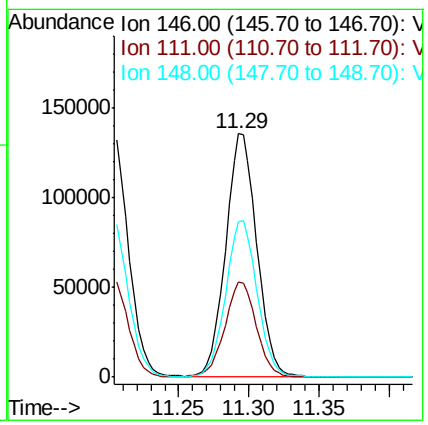


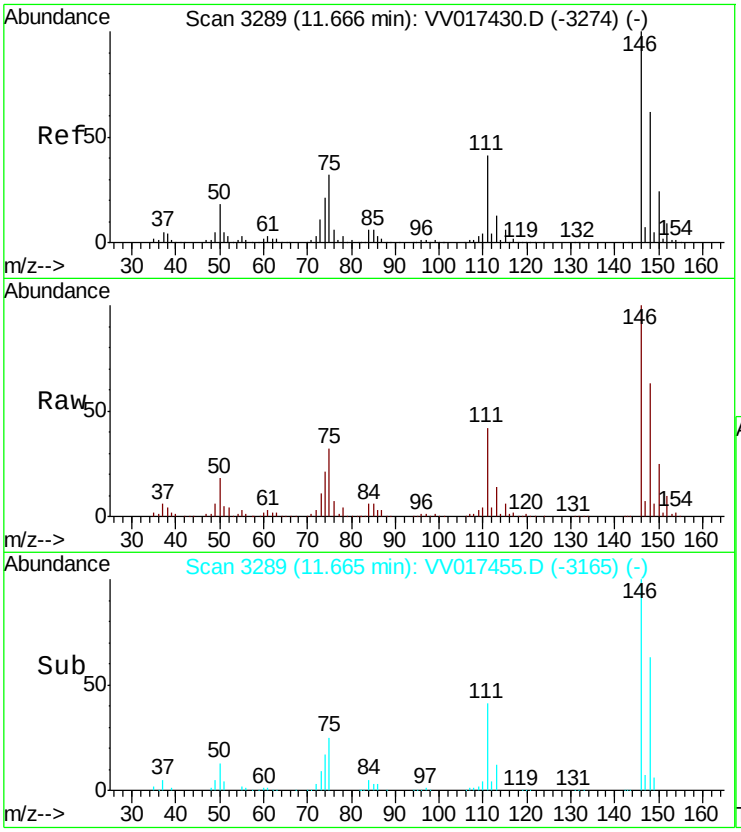


#63
1,4-Dichlorobenzene
Concen: 45.585 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:146 Resp: 209630

Ion	Ratio	Lower	Upper
146	100		
111	38.9	27.2	50.4
148	63.9	45.4	84.4



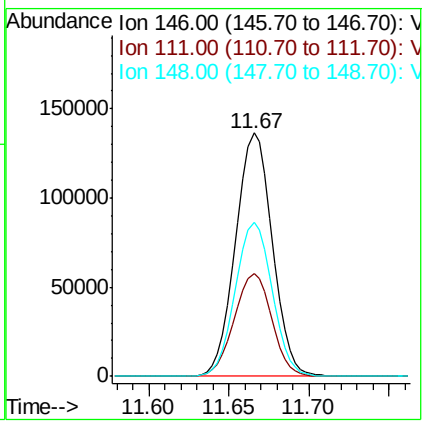


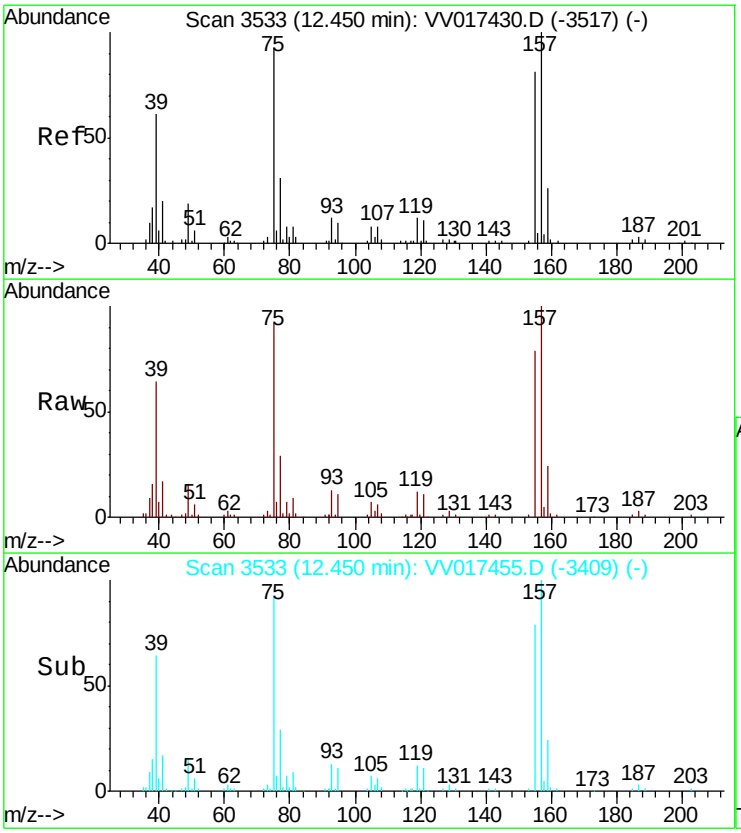
#65
1,2-Dichlorobenzene
Concen: 47.231 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 213331

Ion	Ratio	Lower	Upper
146	100		
111	42.1	33.5	50.3
148	63.2	50.6	76.0

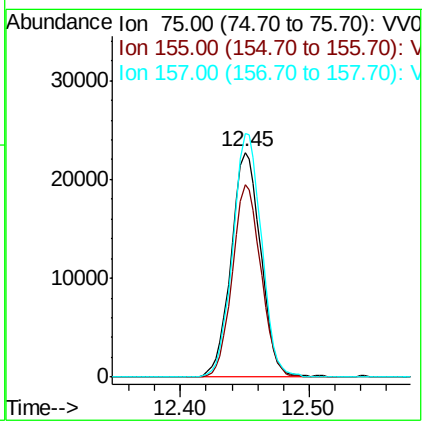


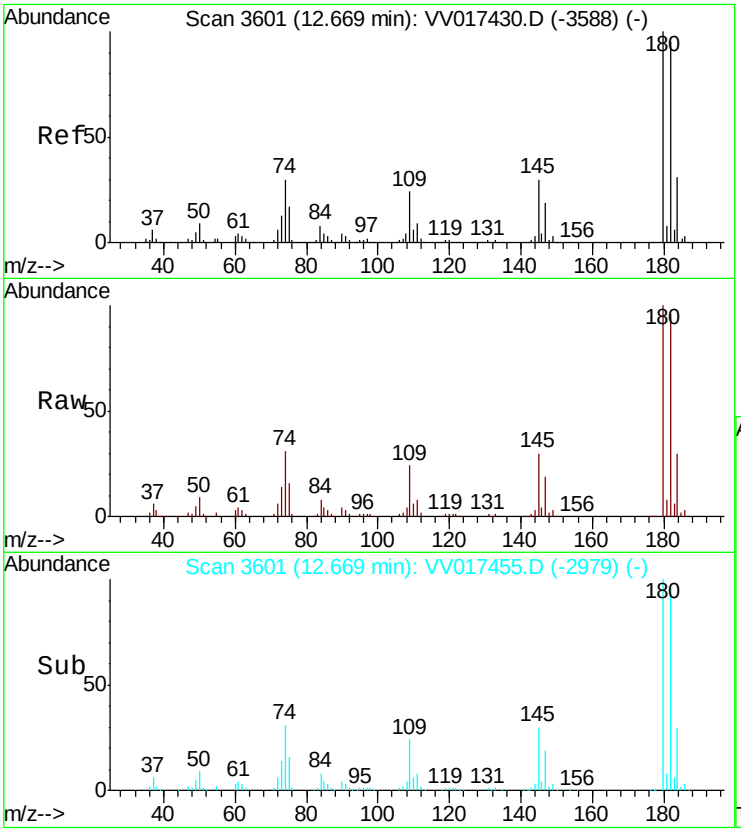


#66
1,2-Dibromo-3-chloropropane
Concen: 49.386 ug/L
RT: 12.45 min Scan# 3533
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion: 75 Resp: 36297

Ion	Ratio	Lower	Upper
75	100		
155	85.4	63.4	95.2
157	108.3	84.5	126.7



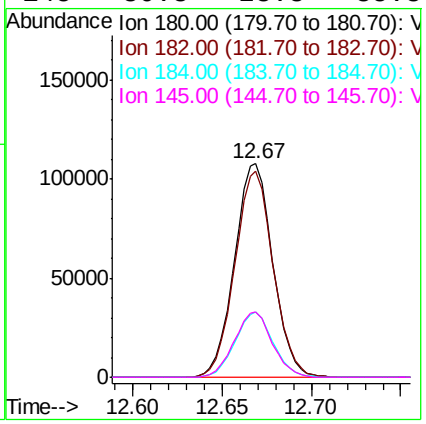


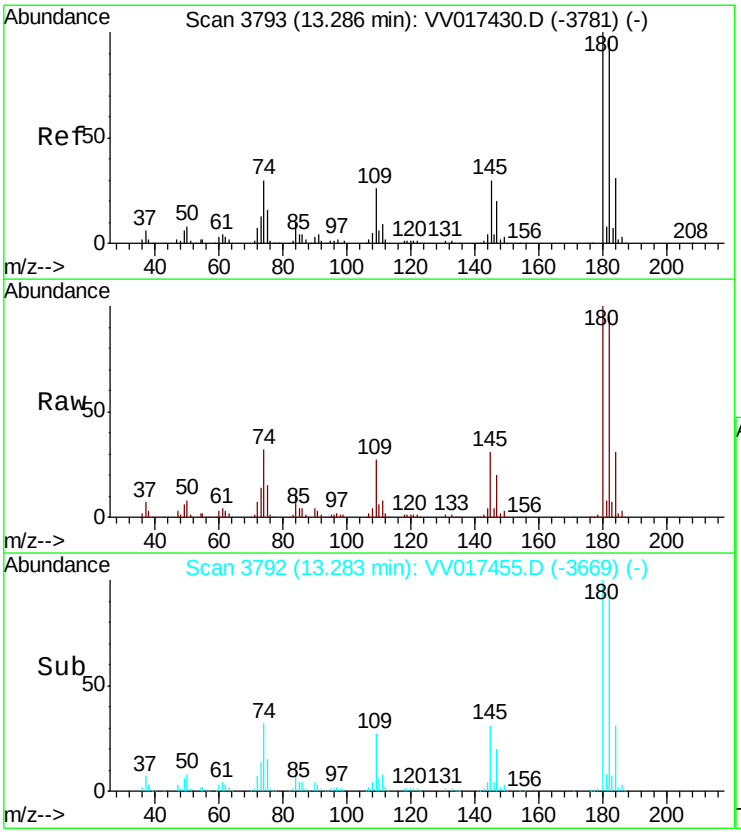
#67
1,3,5-Trichlorobenzene
Concen: 47.454 ug/L
RT: 12.67 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 161965

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.4
184	30.1	24.0	36.0
145	30.3	23.8	35.8

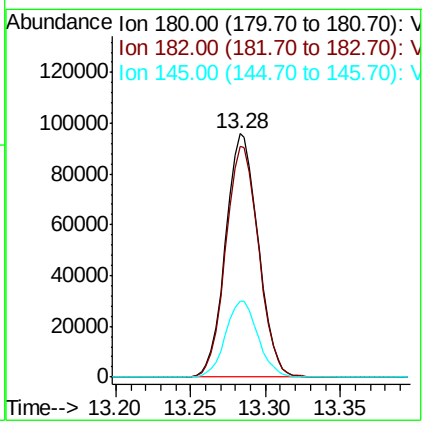


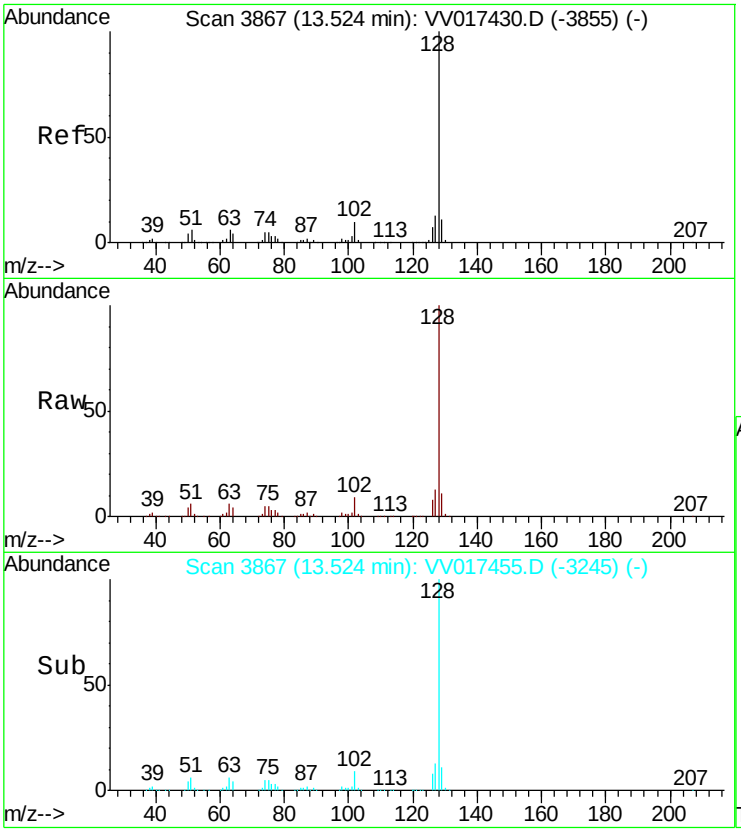


#68
1,2,4-trichlorobenzene
Concen: 48.659 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:180 Resp: 145633

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.0	114.0
145	31.1	24.6	36.8



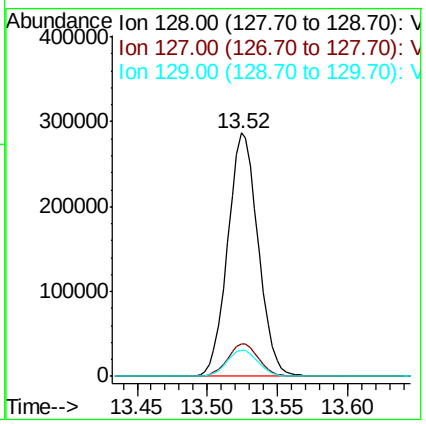


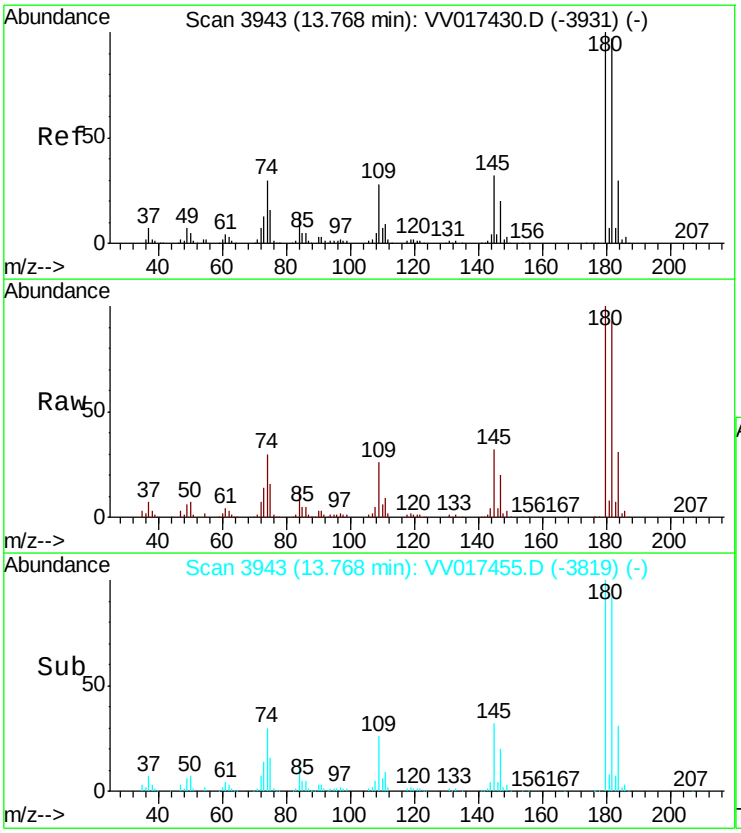
#69
Naphthalene
Concen: 51.890 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 433704

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	11.0	8.6	12.8





#70
1,2,3-Trichlorobenzene
Concen: 50.414 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. -0.00 min
Lab File: VV017455.D
Acq: 10 Jul 2020 21:08

Tgt Ion:180 Resp: 153479

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.3	114.5
145	32.1	26.5	39.7