Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009178.D
Acq On : 05 Jan 2019 00:28
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Quant Time: Jan 05 05:05:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180300	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171041	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88976	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25692	20.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.36%			
7) Chloroethane-d5	1.58	69	25937	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.72%			
10) 1,1-Dichloroethene-d2	2.13	63	89842	21.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.20%			
20) 2-Butanone-d5	3.96	46	46716	53.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.70%			
24) Chloroform-d	4.40	84	89387	23.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.08	65	49421	24.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%			
29) Benzene-d6	5.10	84	169406	22.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.92%			
33) 1,2-Dichloropropane-d6	6.12	67	50452	23.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.36%			
37) Toluene-d8	7.36	98	158152	22.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.00%			
38) trans-1,3-Dichloropropene-	7.67	79	22581	21.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.12%			
39) 2-Hexanone-d5	8.14	63	27956	54.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.42%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61905	25.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.12%			
61) 1,2-Dichlorobenzene-d4	11.68	152	67985	22.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	66503	22.946	ug/L	99
3) Chloromethane	1.25	50	45688	23.276	ug/L	99
5) Vinyl chloride	1.32	62	48799	23.218	ug/L	99
6) Bromomethane	1.53	94	32917	22.234	ug/L	96
8) Chloroethane	1.60	64	30549	23.585	ug/L	98
9) Trichlorofluoromethane	1.76	101	97439	25.287	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	62650	24.413	ug/L	98
12) 1,1-Dichloroethene	2.14	96	53749	24.151	ug/L	99
13) Acetone	2.21	43	48044	39.073	ug/L	98
14) Carbon disulfide	2.32	76	145989	22.956	ug/L	100
15) Methyl Acetate	2.47	43	41572	27.324	ug/L	100
16) Methylene chloride	2.53	84	62161	23.077	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	151959	27.875	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	58925	24.983	ug/L	98
19) 1,1-Dichloroethane	3.23	63	99598	25.429	ug/L	98
21) 2-Butanone	4.04	43	58044	53.970	ug/L #	88
22) cis-1,2-Dichloroethene	3.96	96	65264	25.884	ug/L	98

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Data File : VV009178.D
Acq On : 05 Jan 2019 00:28
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Quant Time: Jan 05 05:05:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	31262	26.354 ug/L	95
25) Chloroform	4.43	83	106614	25.561 ug/L	97
27) 1,2-Dichloroethane	5.18	62	73803	26.343 ug/L	100
30) Cyclohexane	4.73	56	87194	22.995 ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	99135	23.839 ug/L	99
32) Carbon tetrachloride	4.88	117	90631	23.811 ug/L	100
34) Benzene	5.15	78	220278	23.957 ug/L	100
35) Trichloroethene	5.96	95	64738	24.439 ug/L	97
36) Methylcyclohexane	6.18	83	102712	23.206 ug/L	99
40) 1,2-Dichloropropane	6.22	63	55573	25.076 ug/L	100
41) Bromodichloromethane	6.56	83	77373	25.470 ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	86399	24.602 ug/L	97
43) 4-Methyl-2-pentanone	7.28	43	113098	53.538 ug/L	99
44) Toluene	7.43	91	240162	24.226 ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	80194	26.082 ug/L	96
46) 1,1,2-Trichloroethane	7.88	97	51734	26.411 ug/L	96
47) Tetrachloroethene	8.02	164	52944	23.069 ug/L	96
49) 2-Hexanone	8.19	43	80869	52.016 ug/L	99
50) Dibromochloromethane	8.29	129	62651	26.036 ug/L	100
51) 1,2-Dibromoethane	8.40	107	53515	26.128 ug/L	96
52) Chlorobenzene	8.93	112	167665	24.650 ug/L	99
53) Ethylbenzene	9.06	91	278090	24.805 ug/L	99
54) m,p-Xylene	9.18	106	106195	24.313 ug/L	100
55) o-xylene	9.59	106	102613	25.407 ug/L	100
56) Styrene	9.60	104	178206	26.160 ug/L	98
57) Isopropylbenzene	9.98	105	285920	25.516 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	74216	28.279 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	60166	28.682 ug/L	99
62) Bromoform	9.78	173	40667	25.880 ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	138379	24.683 ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	138605	23.718 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	133858	25.066 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	14582	26.301 ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	107440	23.763 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	88390	24.018 ug/L	99
69) Naphthalene	13.55	128	186195	24.839 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	83983	24.867 ug/L	97

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Quant Time: Jan 05 05:05:10 2019
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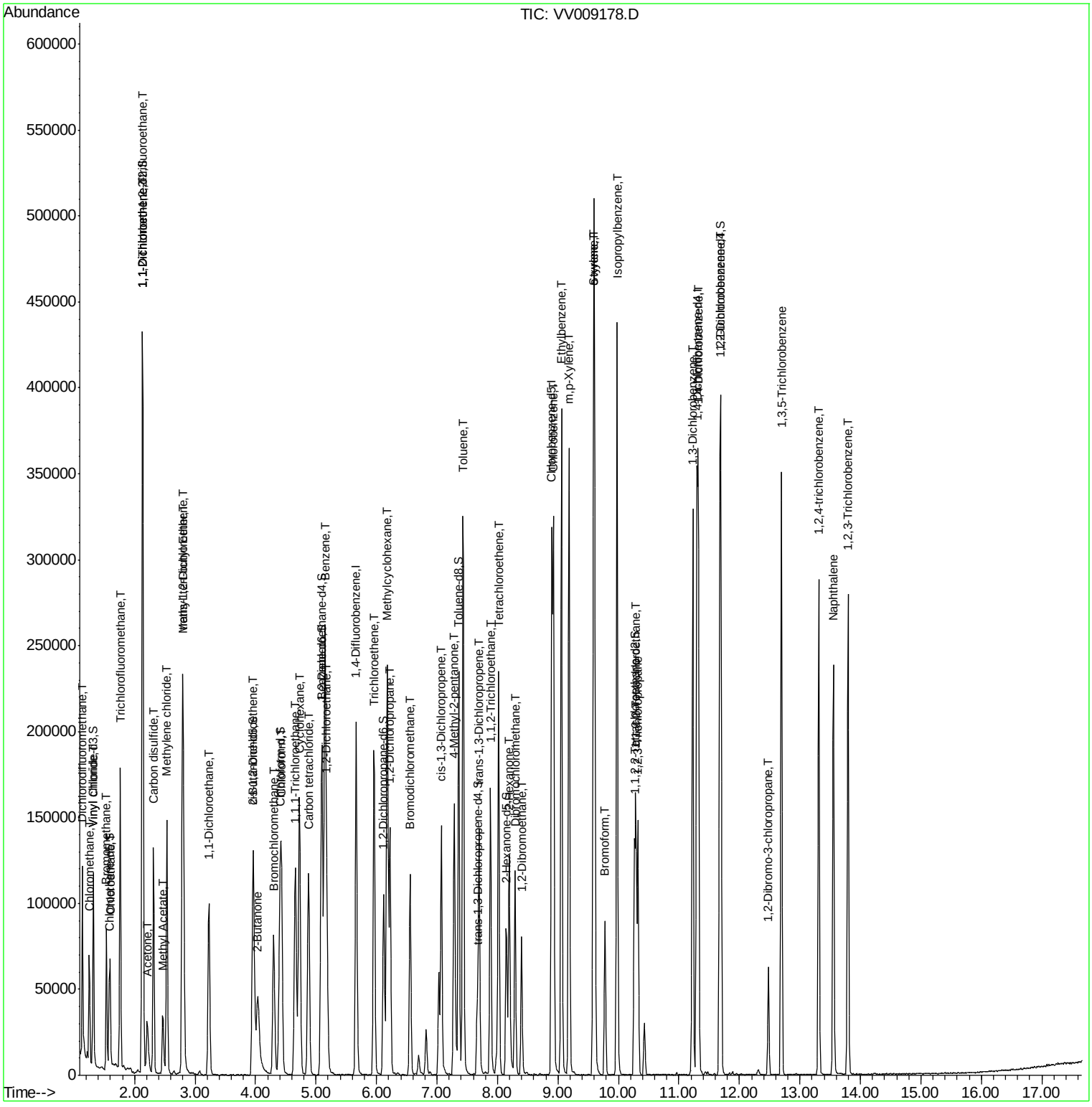
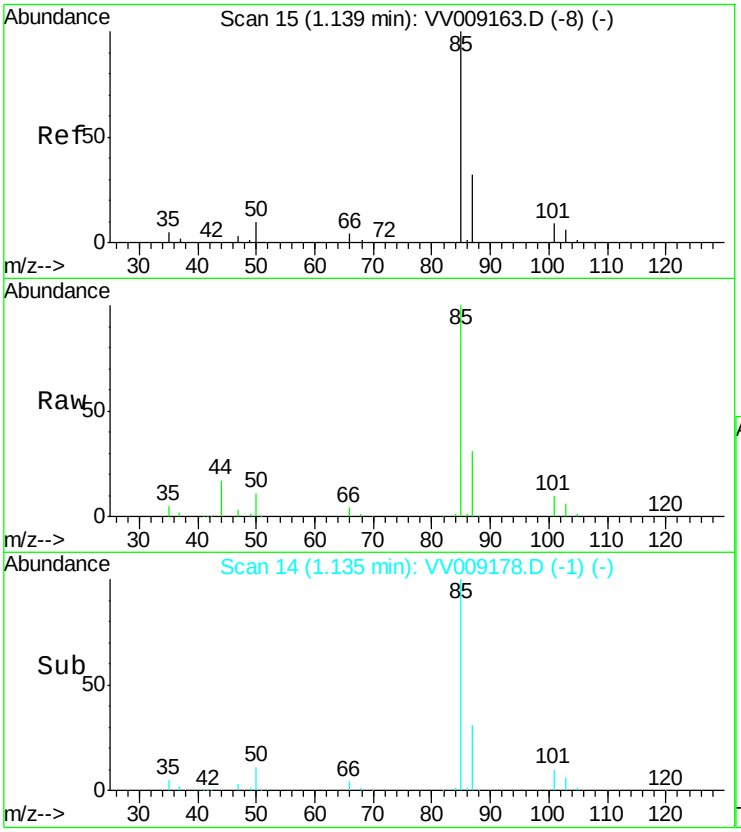
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration



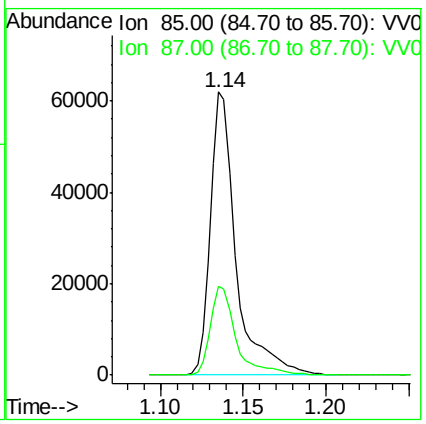


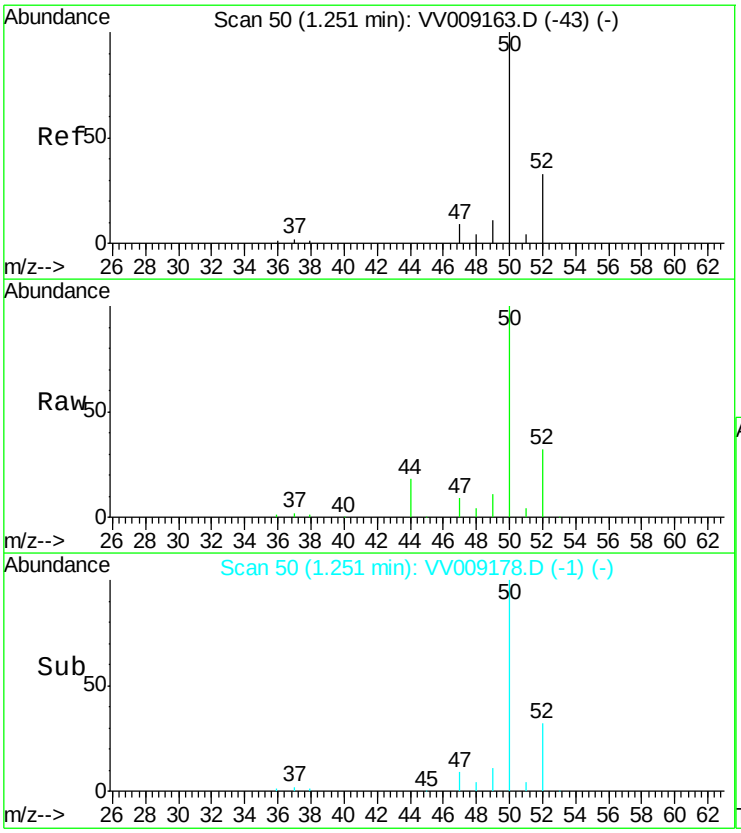
#2
Dichlorodifluoromethane
Concen: 22.946 ug/L
RT: 1.14 min Scan# 14
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 85 Resp: 66503

Ion	Ratio	Lower	Upper
85	100		
87	31.7	22.5	41.7

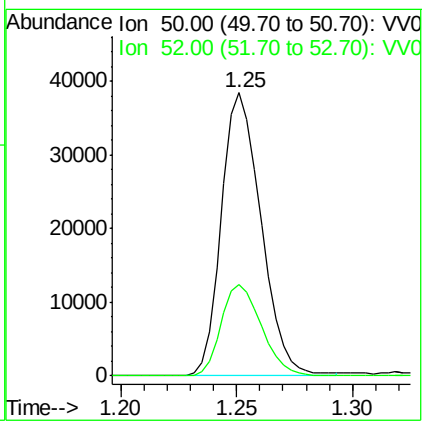


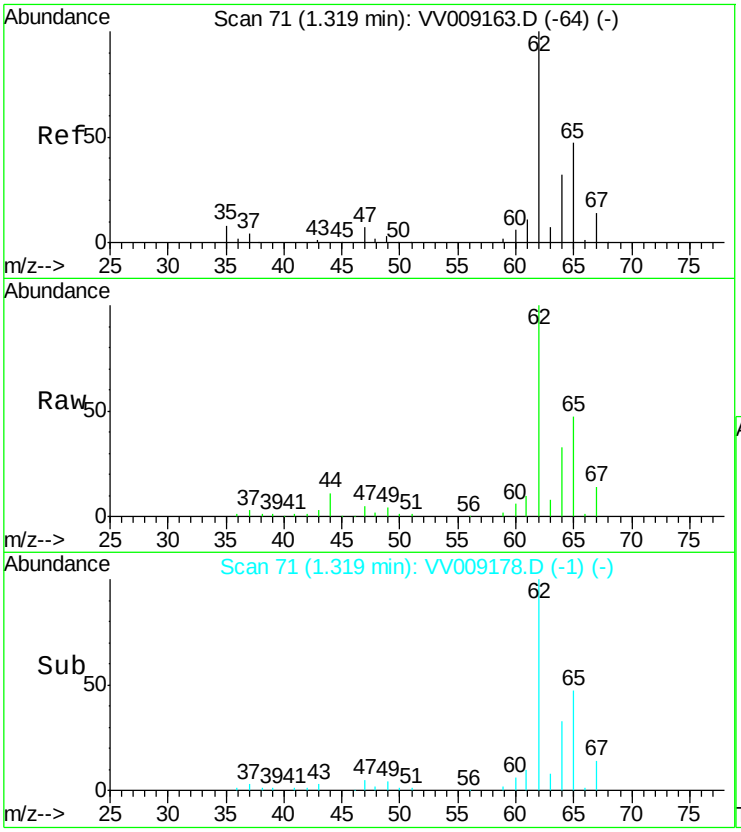


#3
Chloromethane
Concen: 23.276 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 50 Resp: 45688

Ion	Ratio	Lower	Upper
50	100		
52	32.4	23.0	42.8



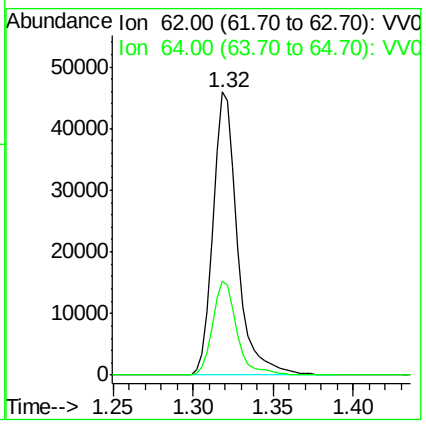


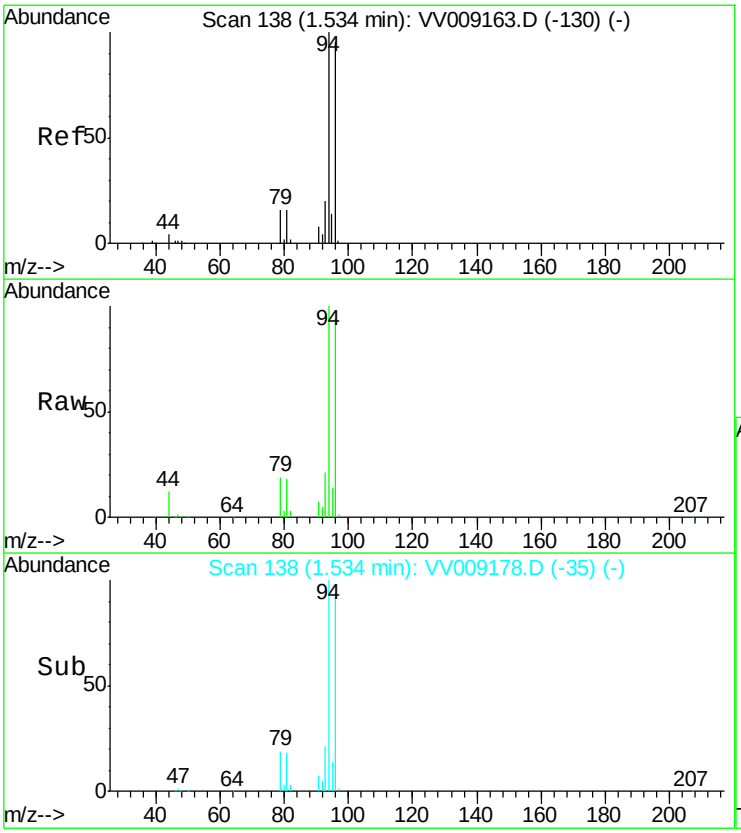
#5
Vinyl chloride
Concen: 23.218 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 62 Resp: 48799

Ion	Ratio	Lower	Upper
62	100		
64	33.4	23.0	42.6

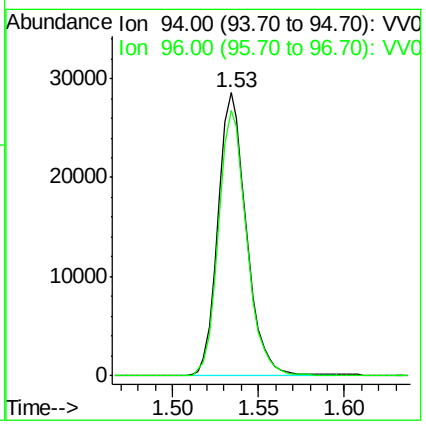


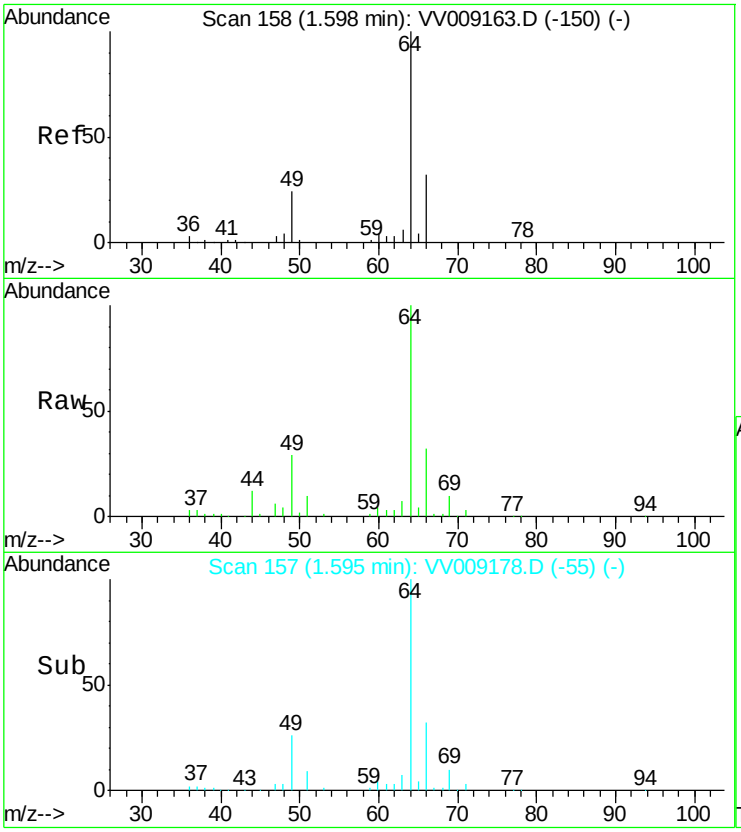


#6
Bromomethane
Concen: 22.234 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 94 Resp: 32917

Ion	Ratio	Lower	Upper
94	100		
96	93.0	9.7	185.1



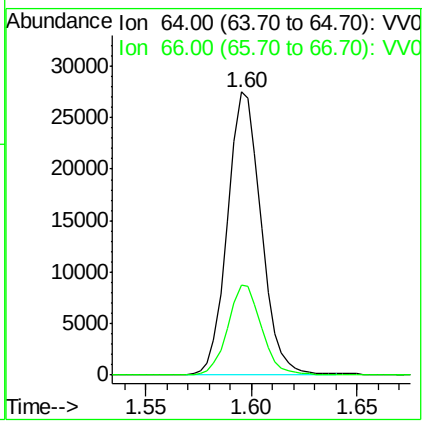


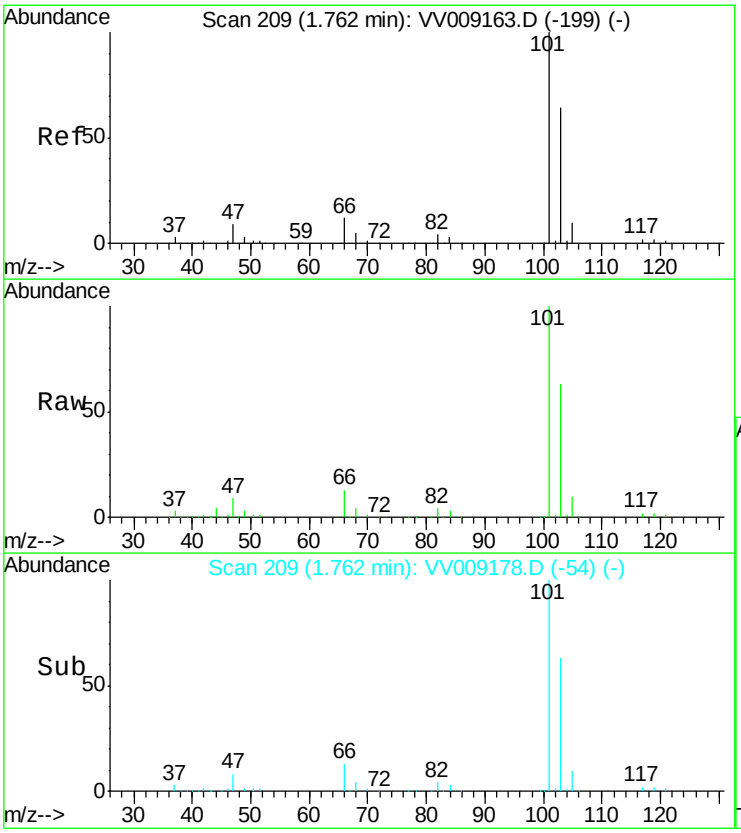
#8
Chloroethane
Concen: 23.585 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 64 Resp: 30549

Ion	Ratio	Lower	Upper
64	100		
66	31.8	23.2	43.0

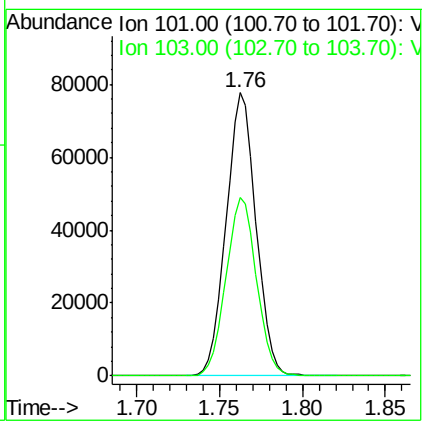


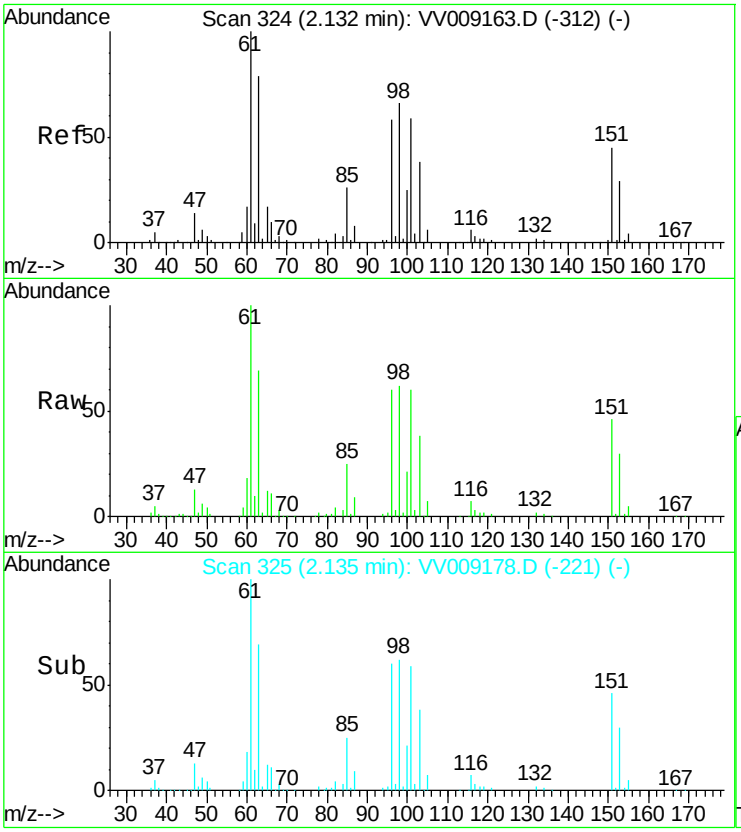


#9
Trichlorofluoromethane
Concen: 25.287 ug/L
RT: 1.76 min Scan# 209
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:101 Resp: 97439

Ion	Ratio	Lower	Upper
101	100		
103	64.3	46.0	85.4



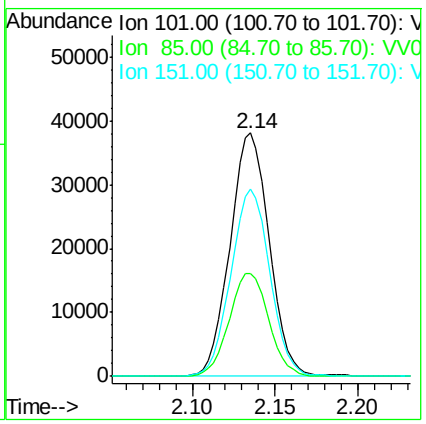


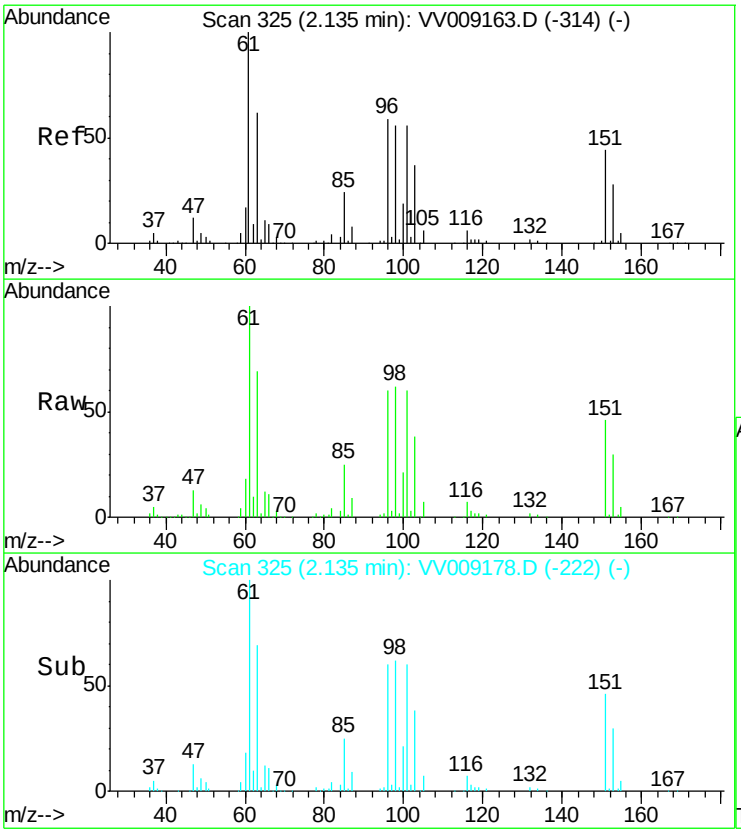
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.413 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion:101 Resp: 62650

Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.6	52.0
151	76.3	62.6	94.0

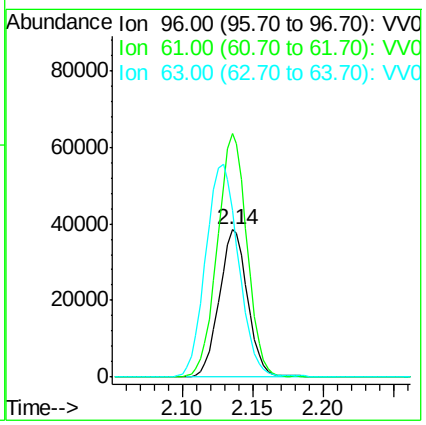


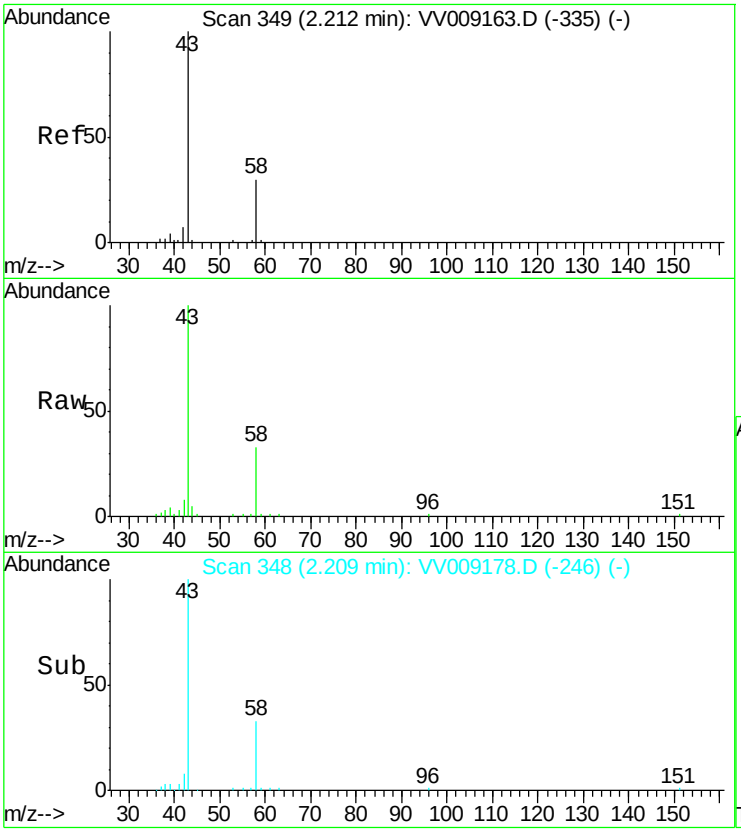


#12
1,1-Dichloroethene
Concen: 24.151 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 96 Resp: 53749

Ion	Ratio	Lower	Upper
96	100		
61	165.4	117.0	217.4
63	113.3	78.2	145.2



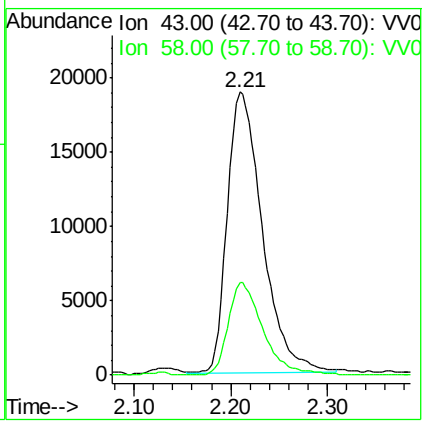


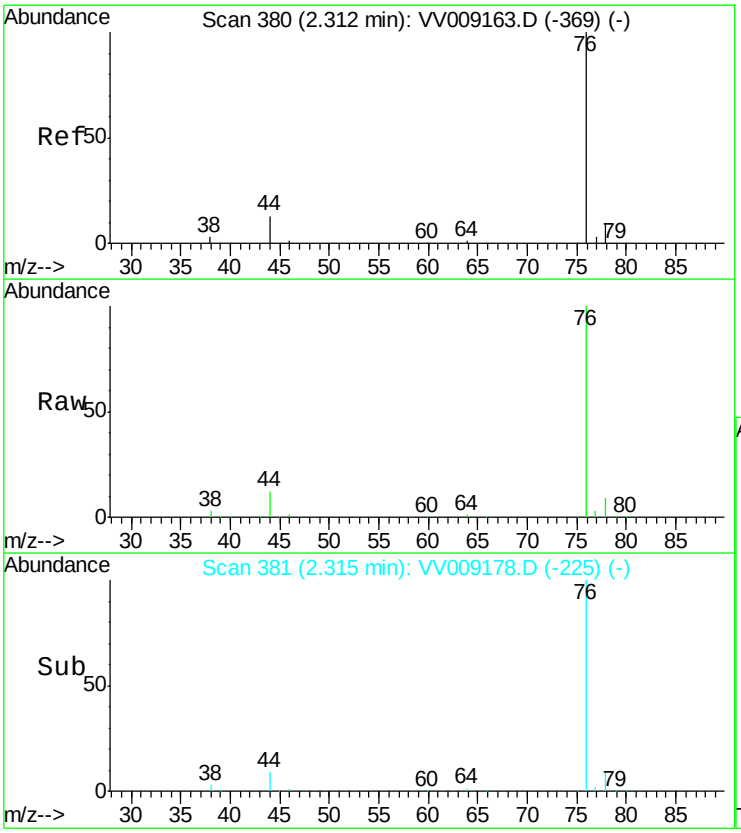
#13
Acetone
Concen: 39.073 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 43 Resp: 48044

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	67.0

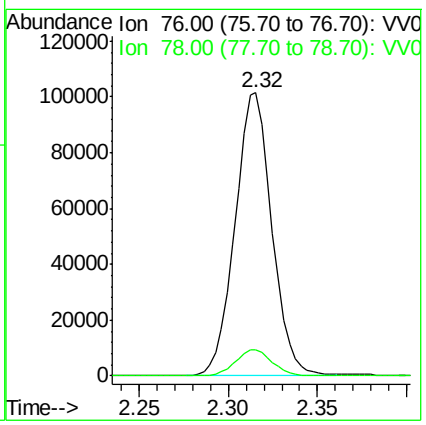


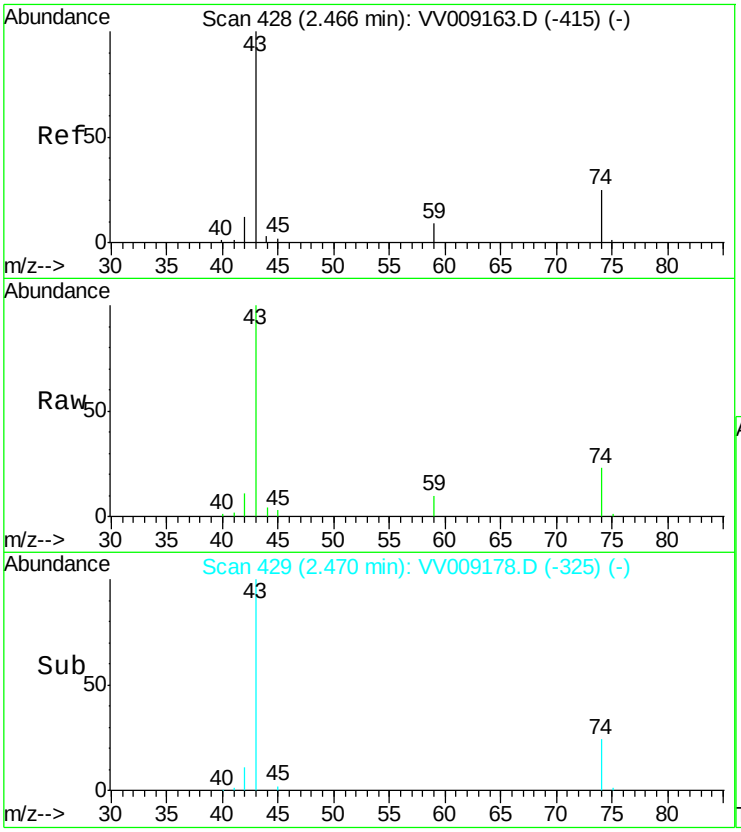


#14
Carbon disulfide
Concen: 22.956 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 76 Resp: 145989

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9



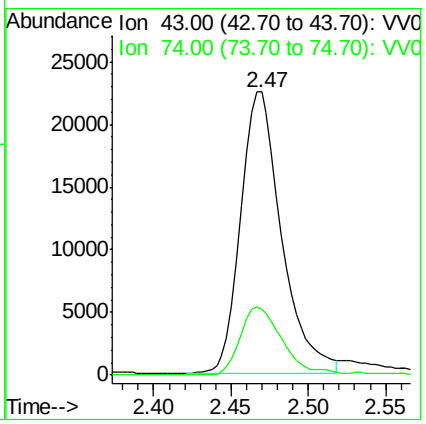


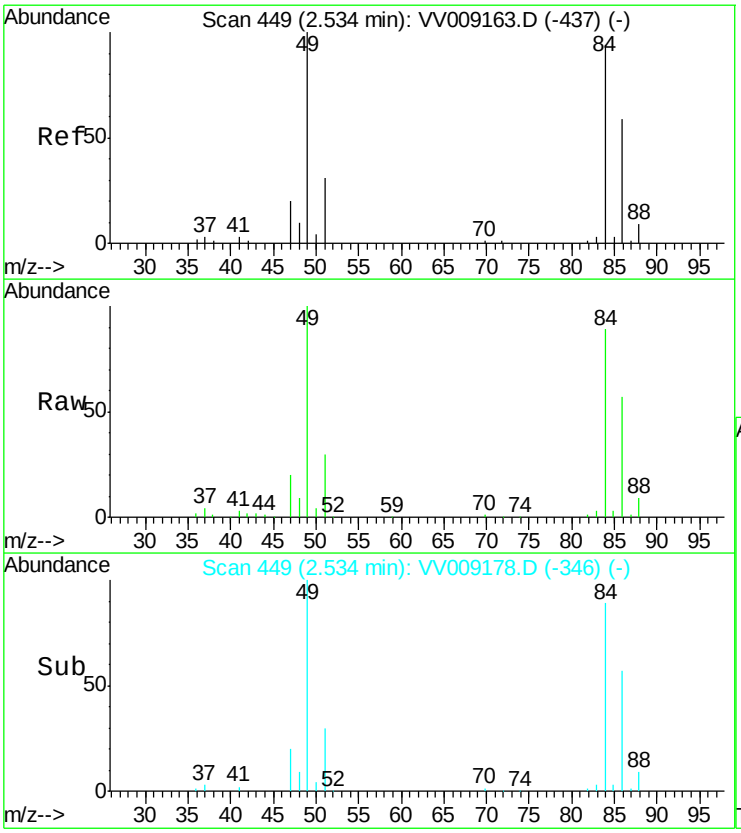
#15
Methyl Acetate
Concen: 27.324 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 43 Resp: 41572

Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.0

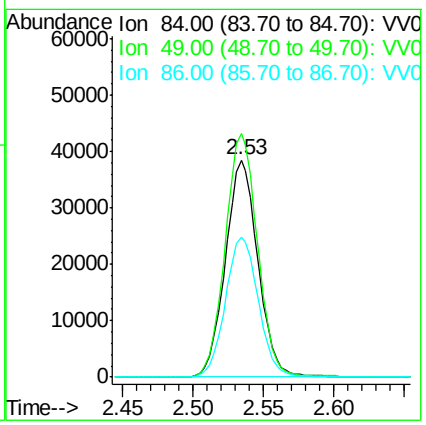


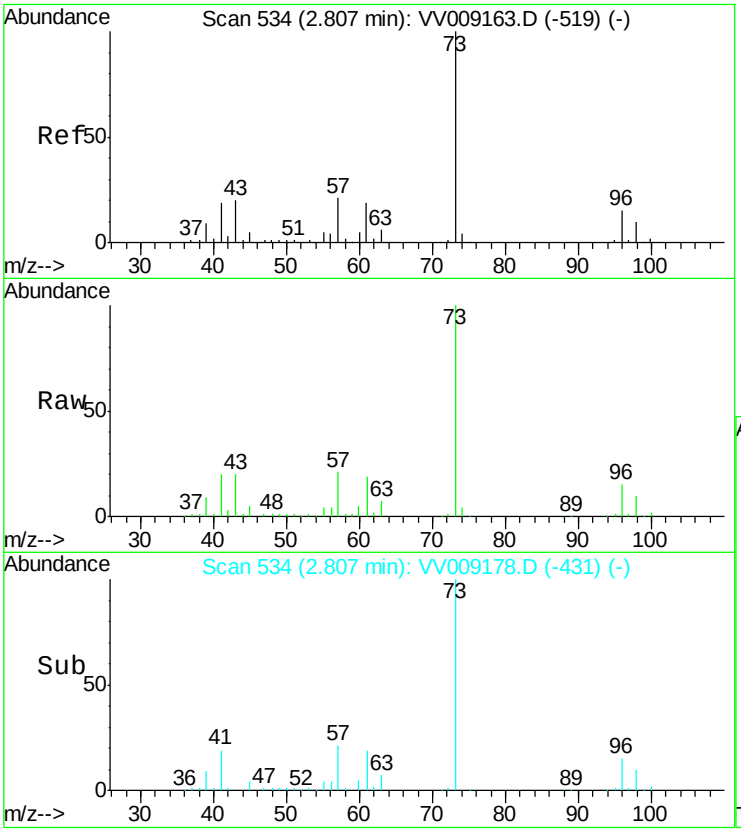


#16
Methylene chloride
Concen: 23.077 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 84 Resp: 62161

Ion	Ratio	Lower	Upper
84	100		
49	112.2	77.6	144.2
86	64.2	47.4	88.0



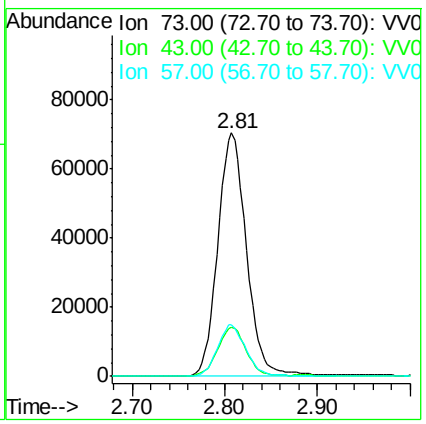


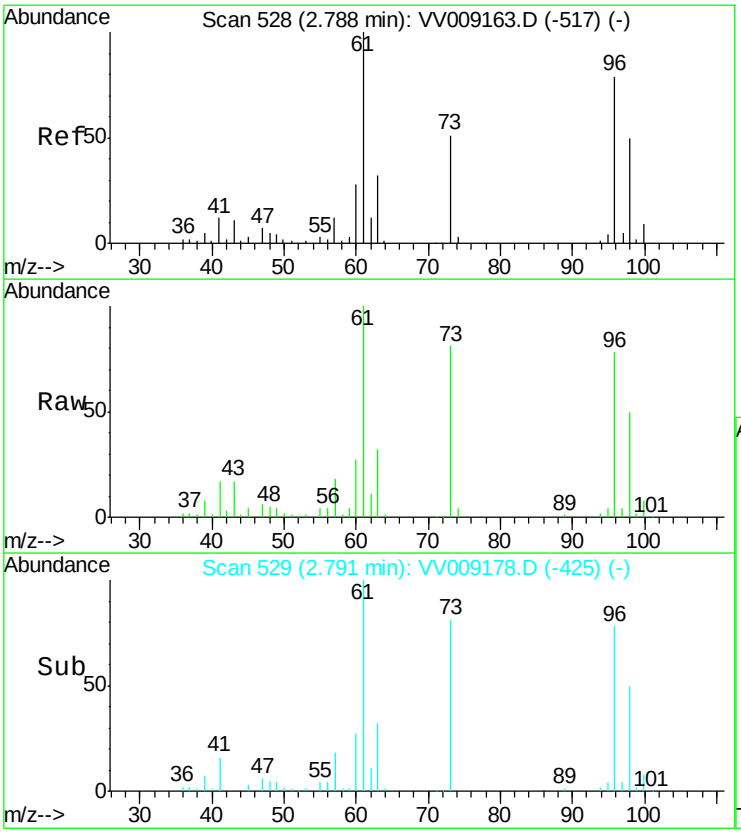
#17
Methyl tert-butyl Ether
Concen: 27.875 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 73 Resp: 151959

Ion	Ratio	Lower	Upper
73	100		
43	19.5	15.4	23.2
57	21.0	16.2	24.2

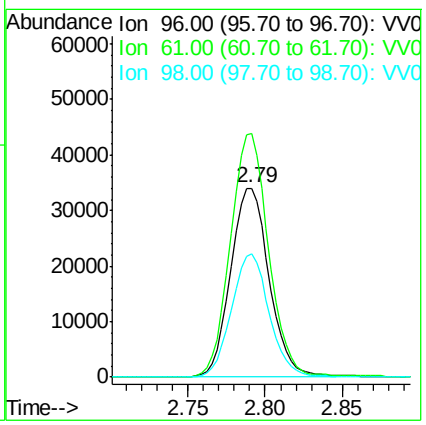


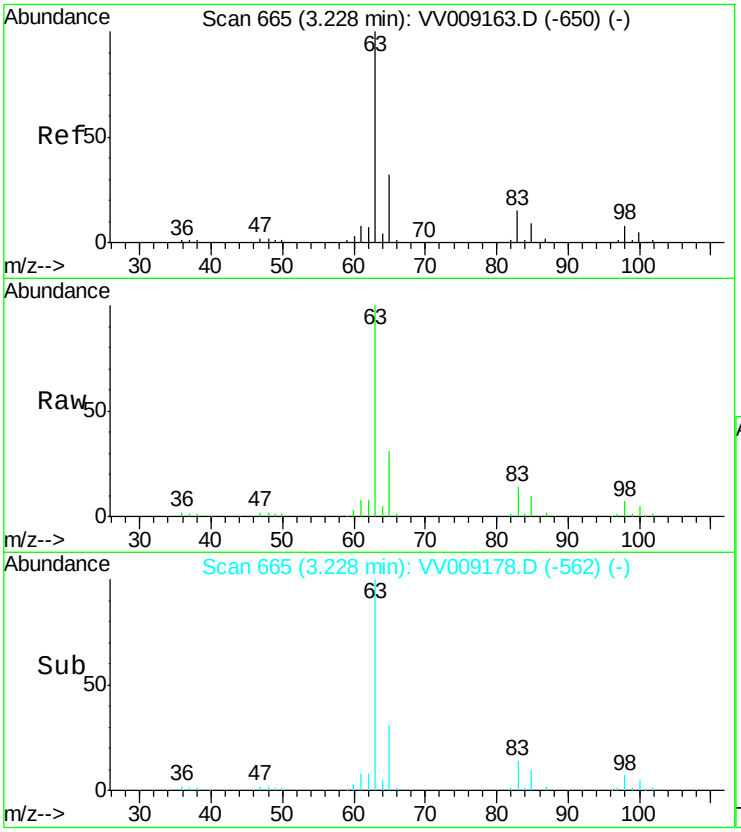


#18
trans-1,2-Dichloroethene
Concen: 24.983 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 96 Resp: 58925

Ion	Ratio	Lower	Upper
96	100		
61	128.8	88.8	164.8
98	64.9	43.5	80.9



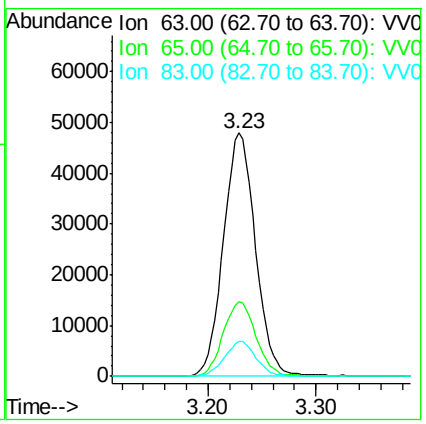


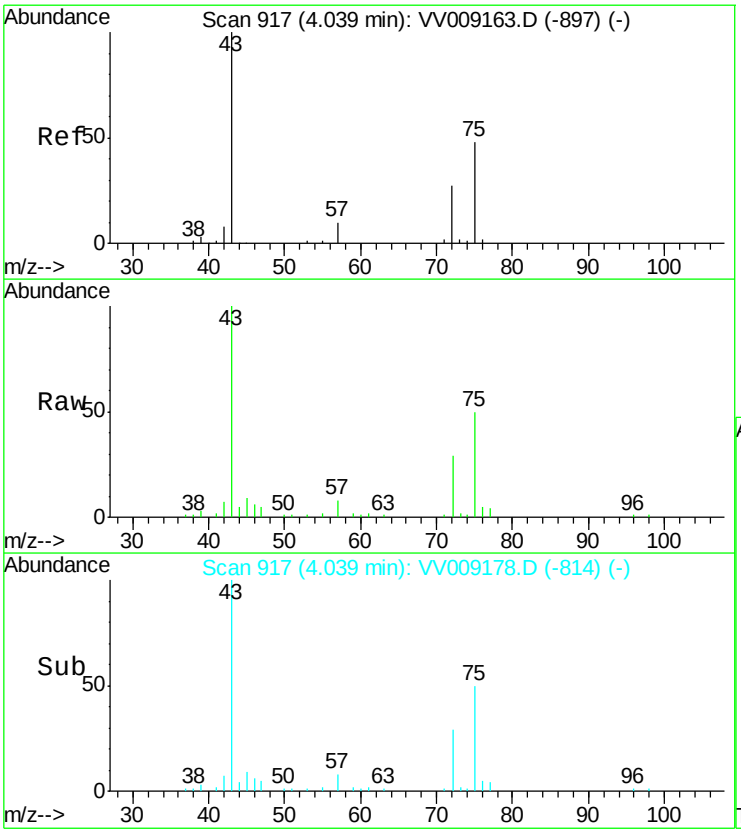
#19
1,1-Dichloroethane
Concen: 25.429 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 63 Resp: 99598

Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.6	42.0
83	14.2	9.9	18.3

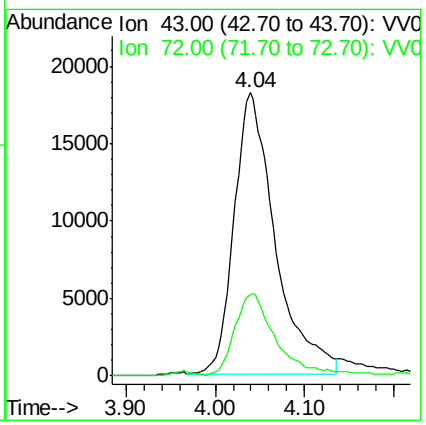


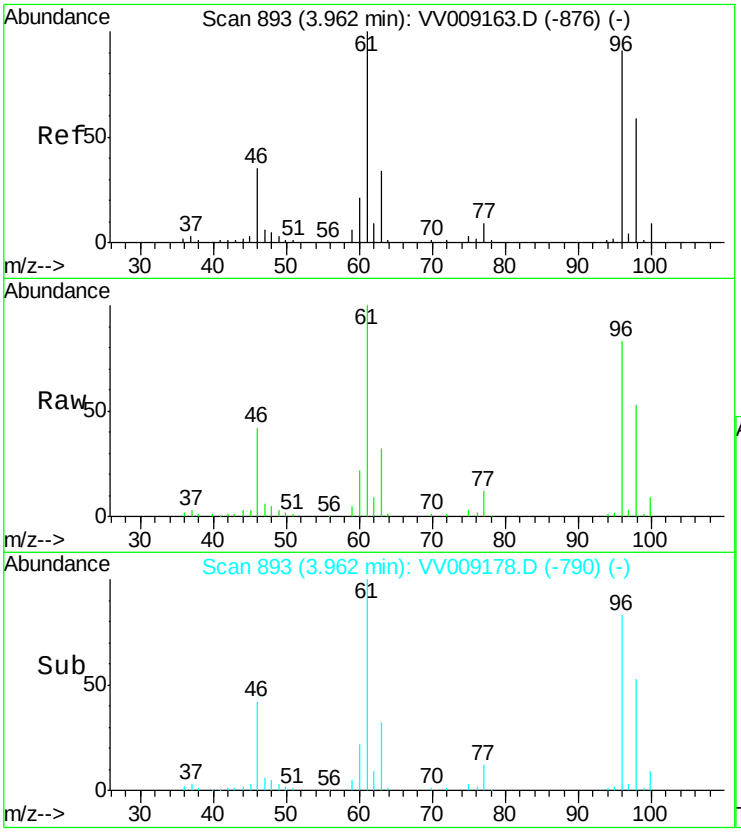


#21
2-Butanone
Concen: 53.970 ug/L
RT: 4.04 min Scan# 917
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 43 Resp: 58044

Ion	Ratio	Lower	Upper
43	100		
72	27.6	0.1	0.1#



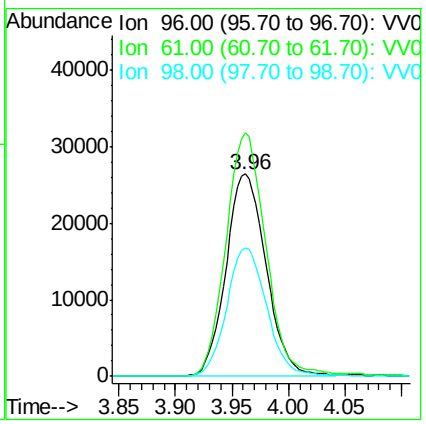


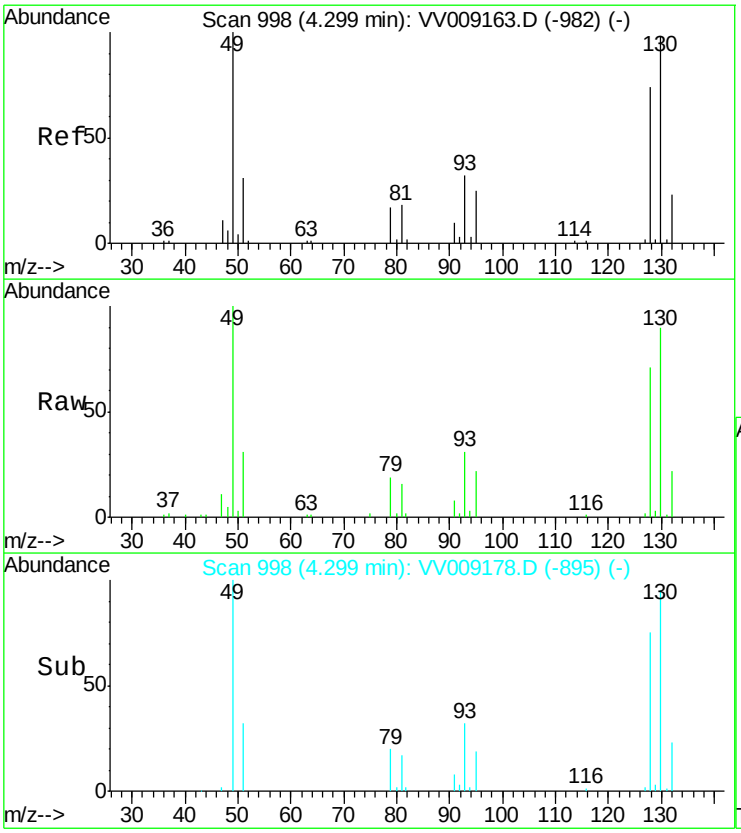
#22
cis-1,2-Dichloroethene
Concen: 25.884 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 96 Resp: 65264

Ion	Ratio	Lower	Upper
96	100		
61	120.3	83.2	154.6
98	63.4	45.8	85.2

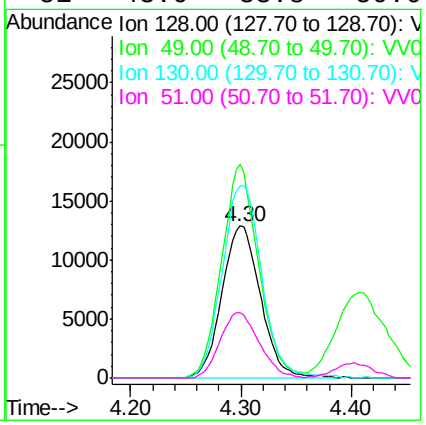


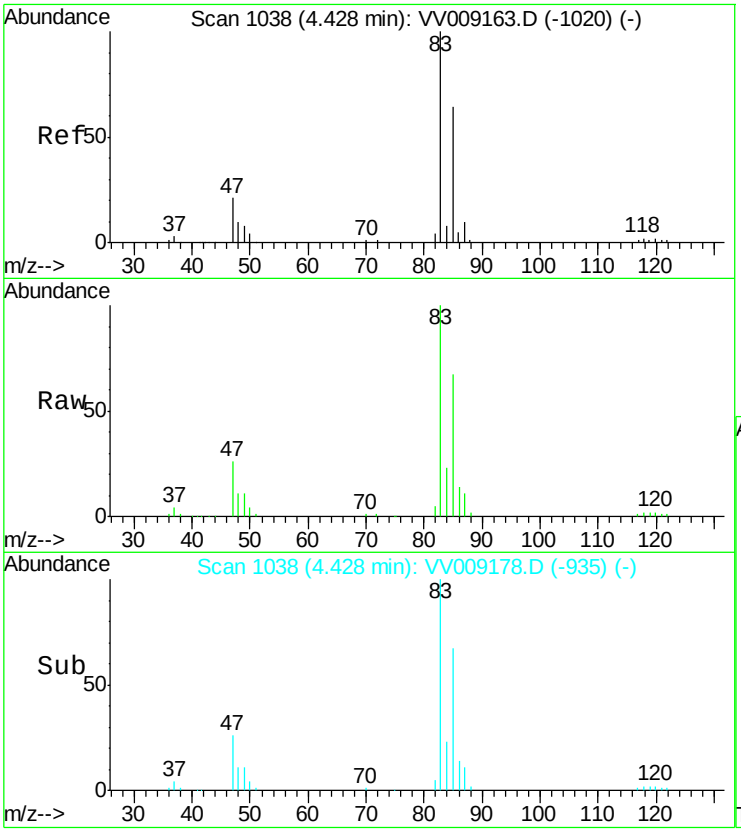


#23
Bromochloromethane
Concen: 26.354 ug/L
RT: 4.30 min Scan# 998
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:128 Resp: 31262

Ion	Ratio	Lower	Upper
128	100		
49	140.5	89.9	167.0
130	126.2	87.8	163.2
51	43.0	33.8	50.6



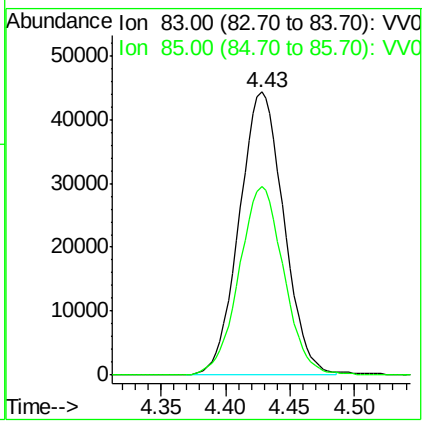


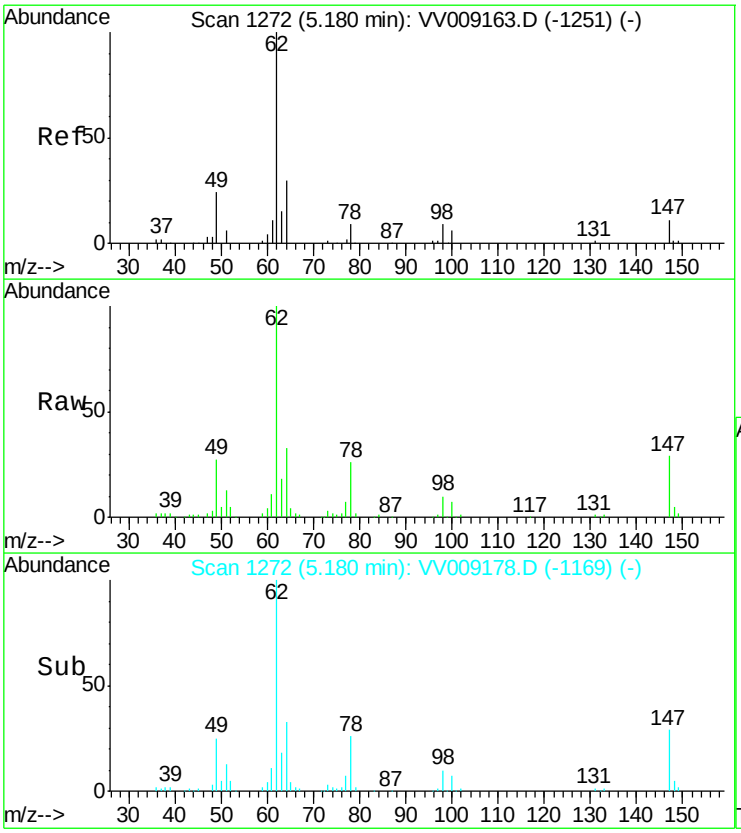
#25
Chloroform
Concen: 25.561 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 83 Resp: 106614

Ion	Ratio	Lower	Upper
83	100		
85	67.1	45.3	84.1

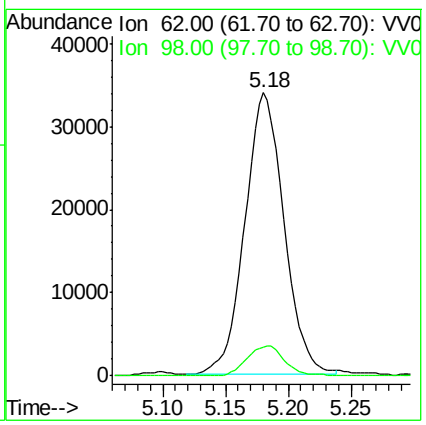


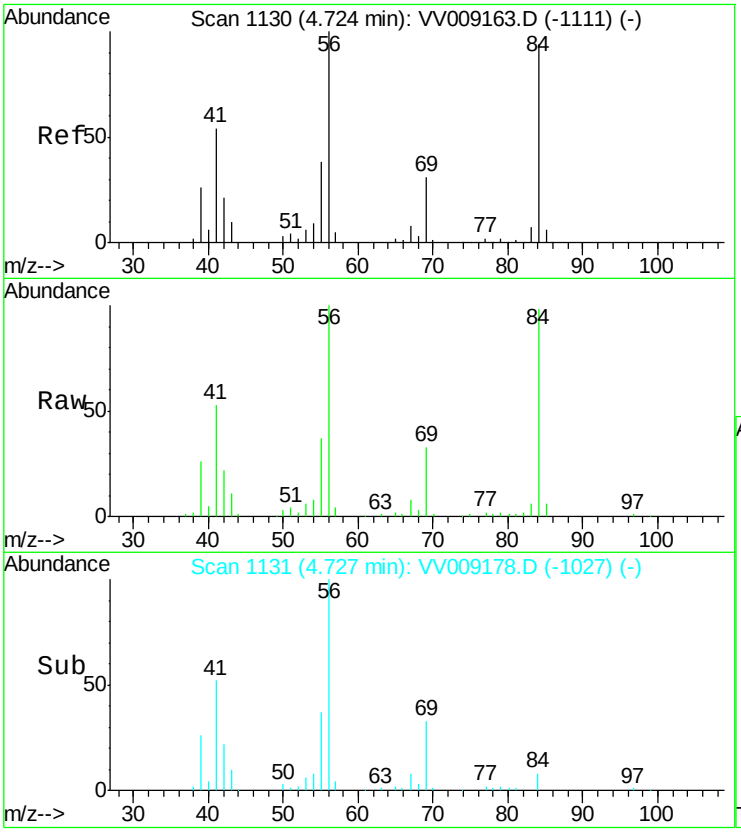


#27
1,2-Dichloroethane
Concen: 26.343 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 62 Resp: 73803

Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.1	12.1



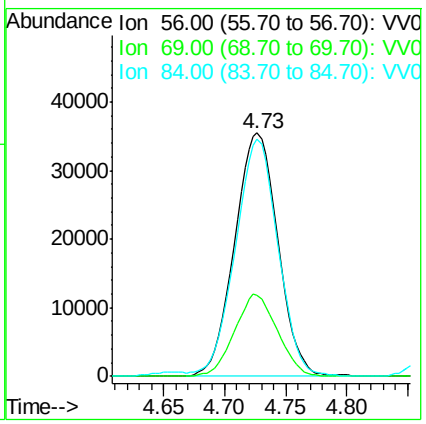


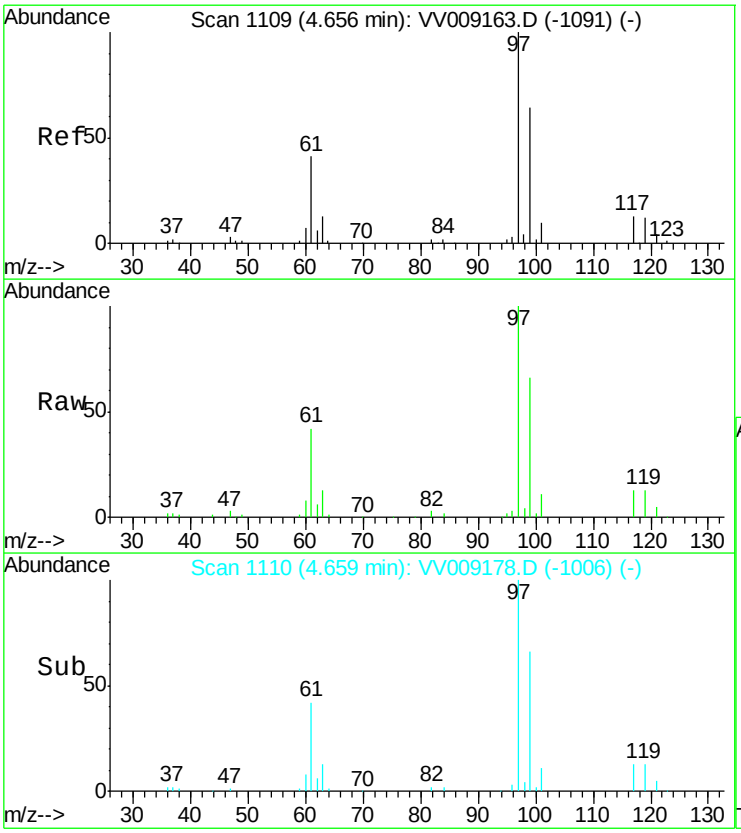
#30
Cyclohexane
Concen: 22.995 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 56 Resp: 87194

Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.0	39.0
84	96.2	77.0	115.4

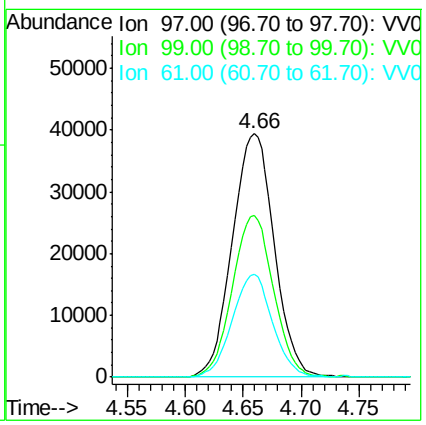


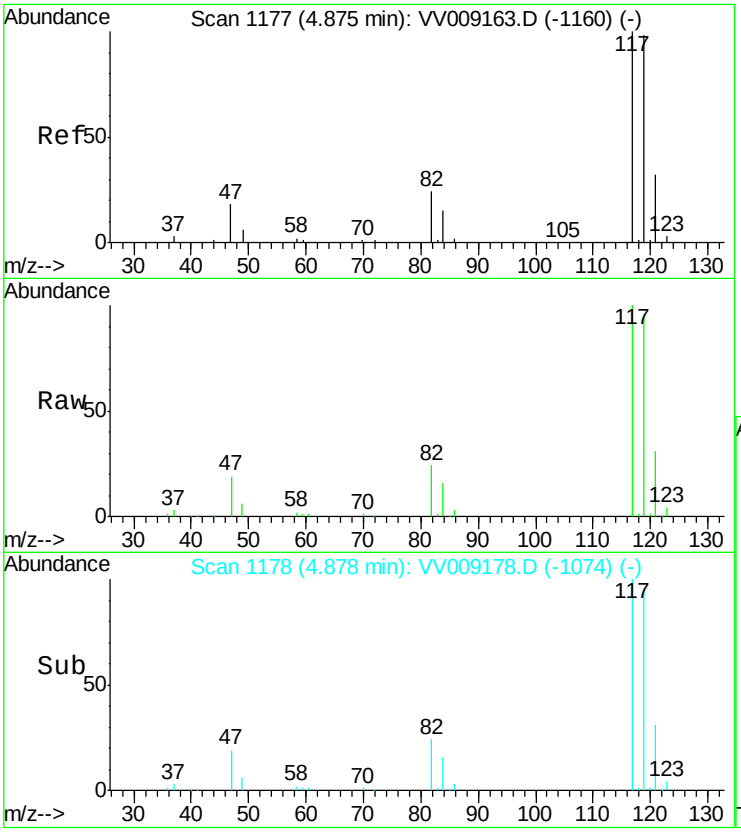


#31
1,1,1-Trichloroethane
Concen: 23.839 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 97 Resp: 99135

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.2	76.8
61	40.8	31.8	47.6



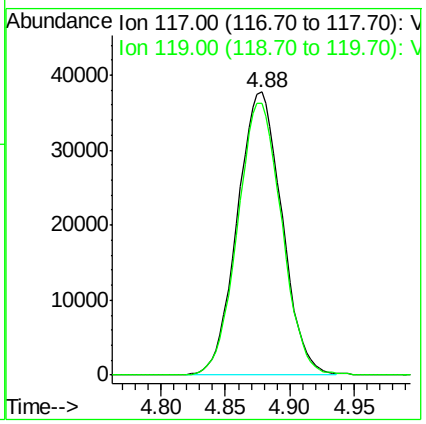


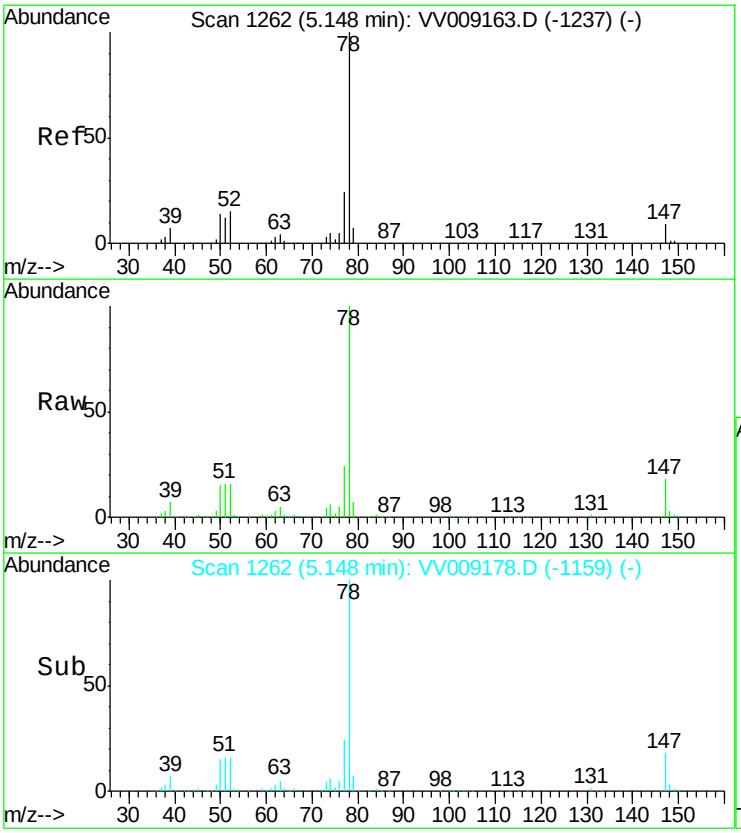
#32
Carbon tetrachloride
Concen: 23.811 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:117 Resp: 90631

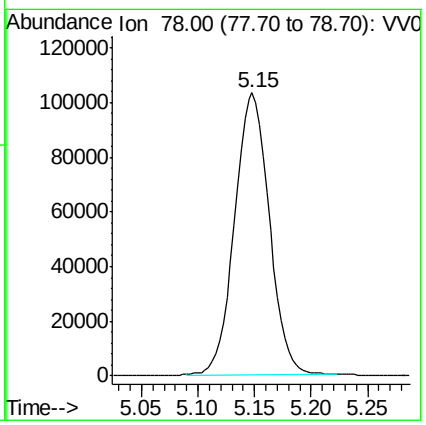
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	115.0

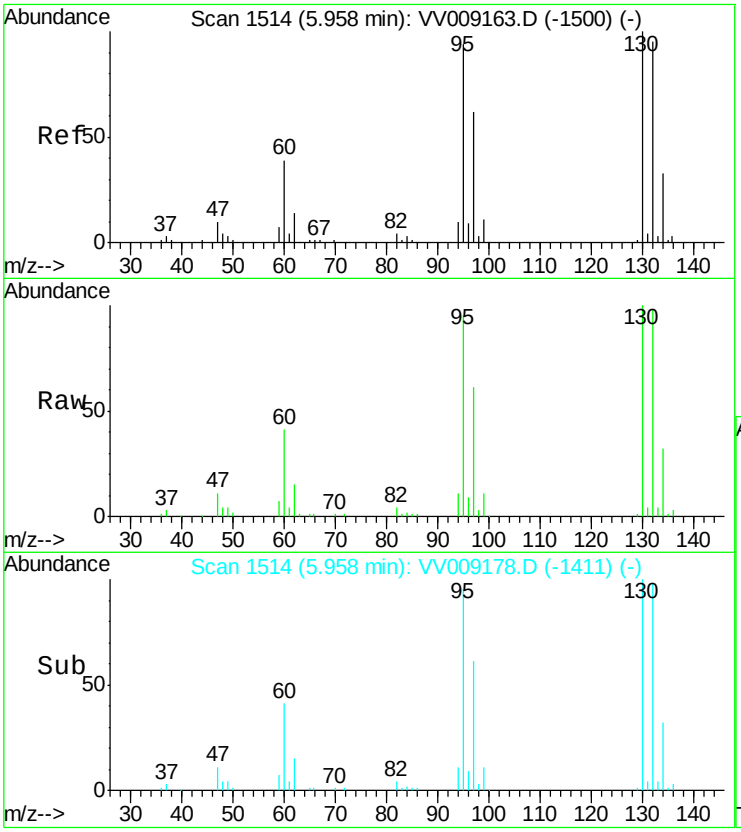




#34
Benzene
Concen: 23.957 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 78 Resp: 220278



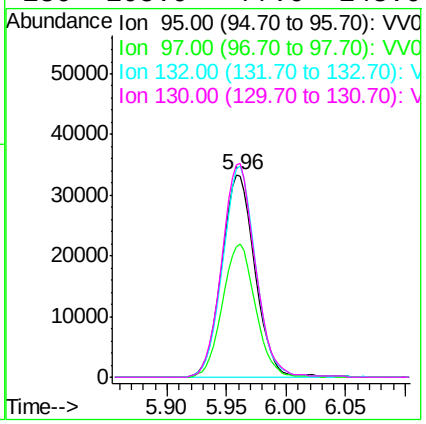


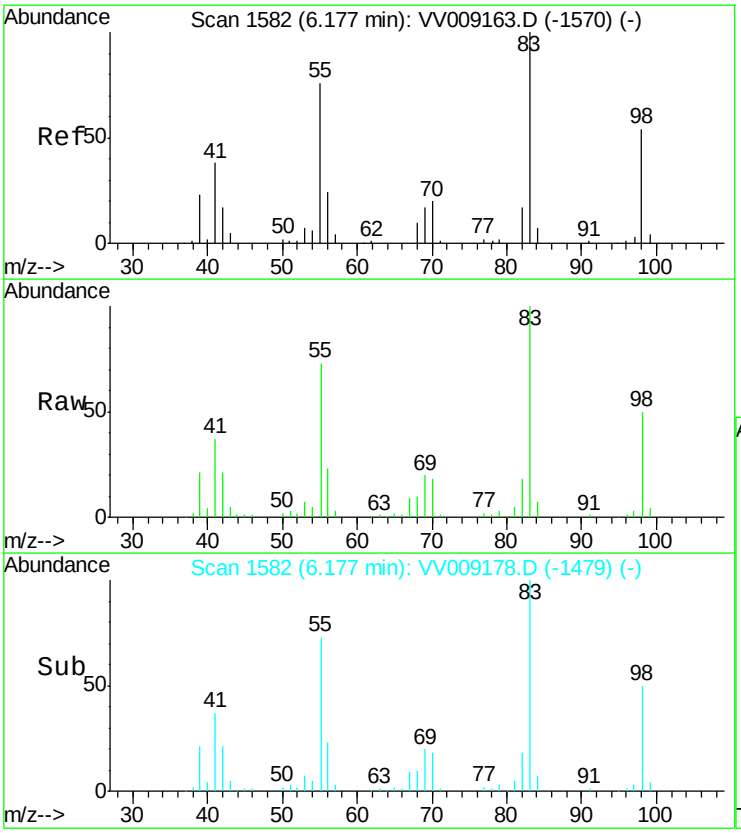
#35
Trichloroethene
Concen: 24.439 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 95 Resp: 64738

Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.2	85.8
132	102.8	73.9	137.3
130	105.9	77.0	143.0

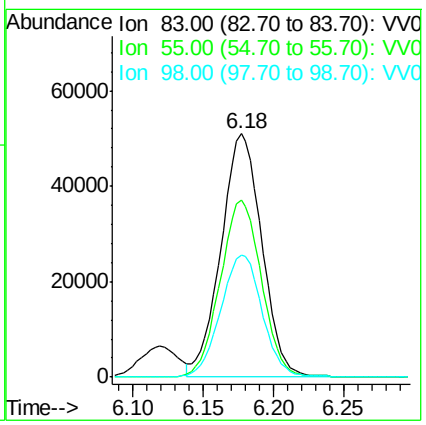


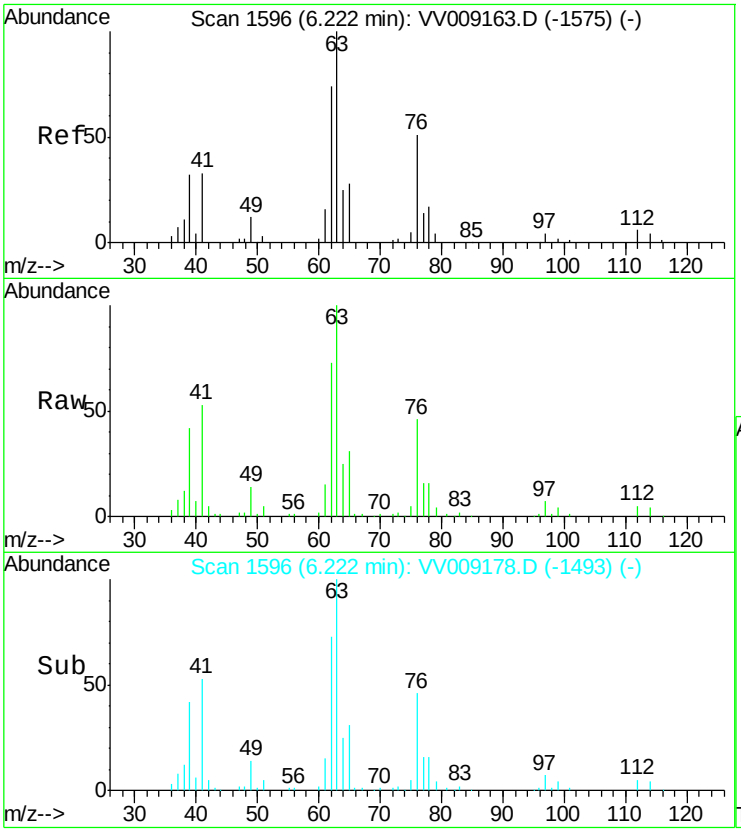


#36
Methylcyclohexane
Concen: 23.206 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 83 Resp: 102712

Ion	Ratio	Lower	Upper
83	100		
55	73.5	58.5	87.7
98	50.9	41.4	62.0



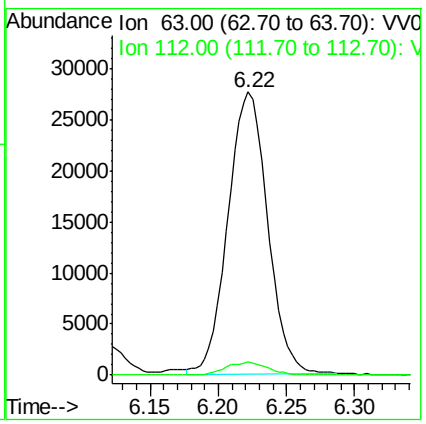


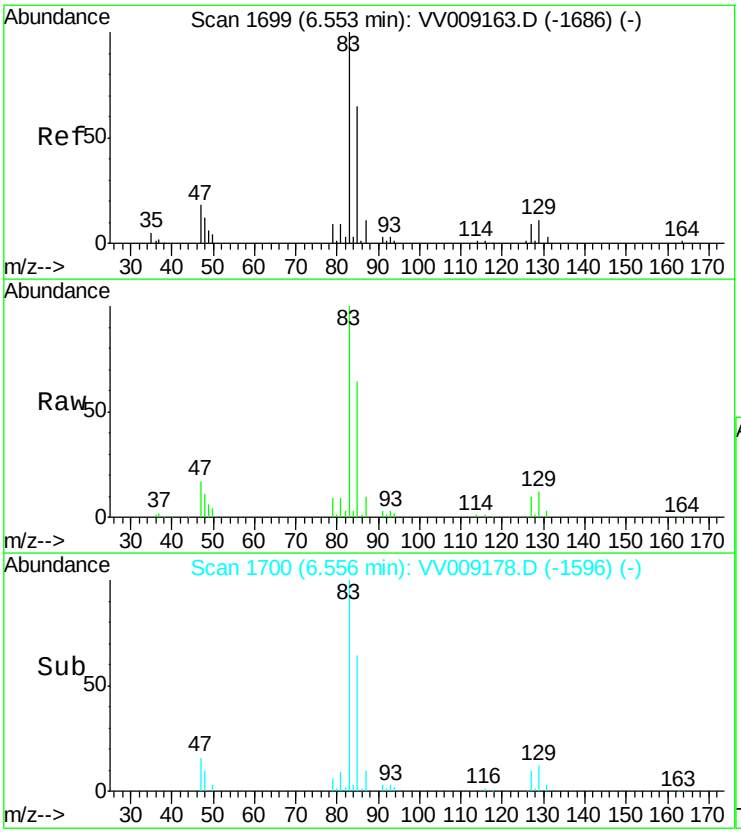
#40
1,2-Dichloropropane
Concen: 25.076 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 63 Resp: 55573

Ion	Ratio	Lower	Upper
63	100		
112	4.8	3.9	5.9

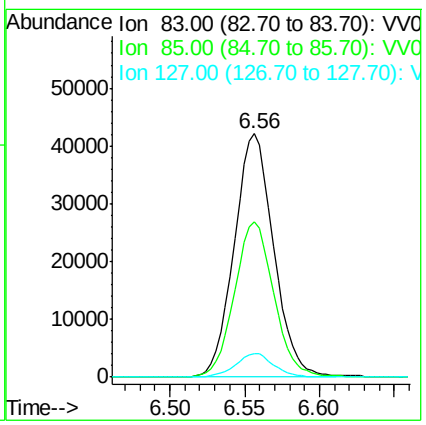


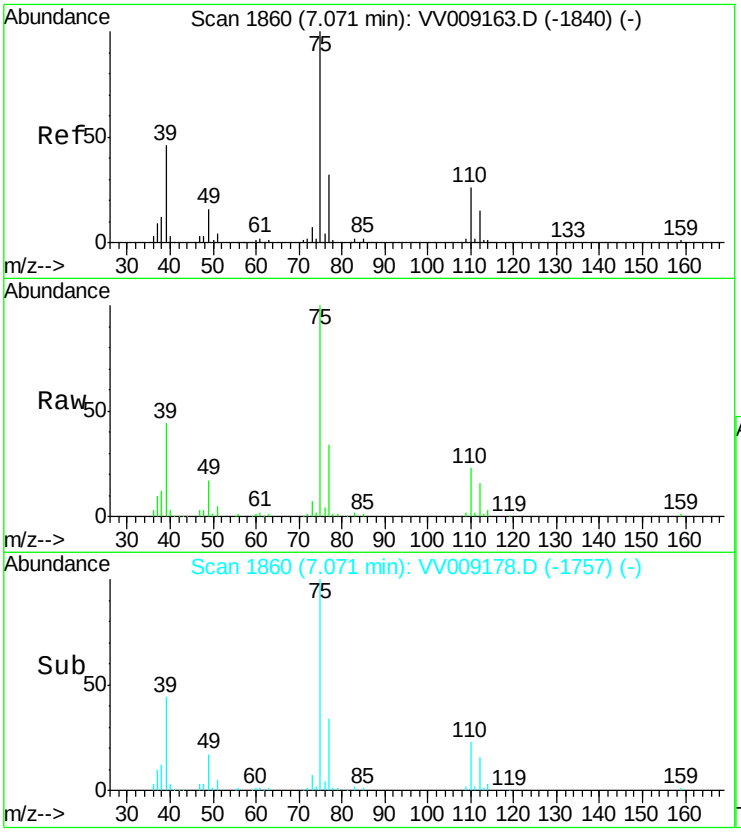


#41
Bromodichloromethane
Concen: 25.470 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 83 Resp: 77373

Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.3	84.1
127	9.5	7.8	11.6



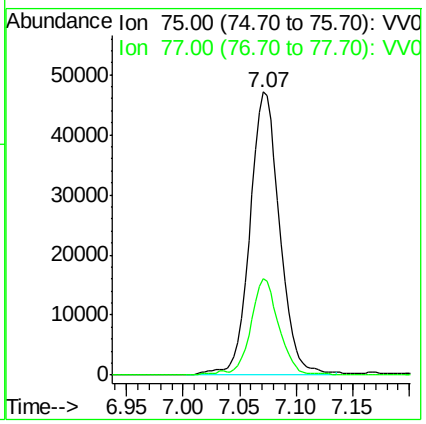


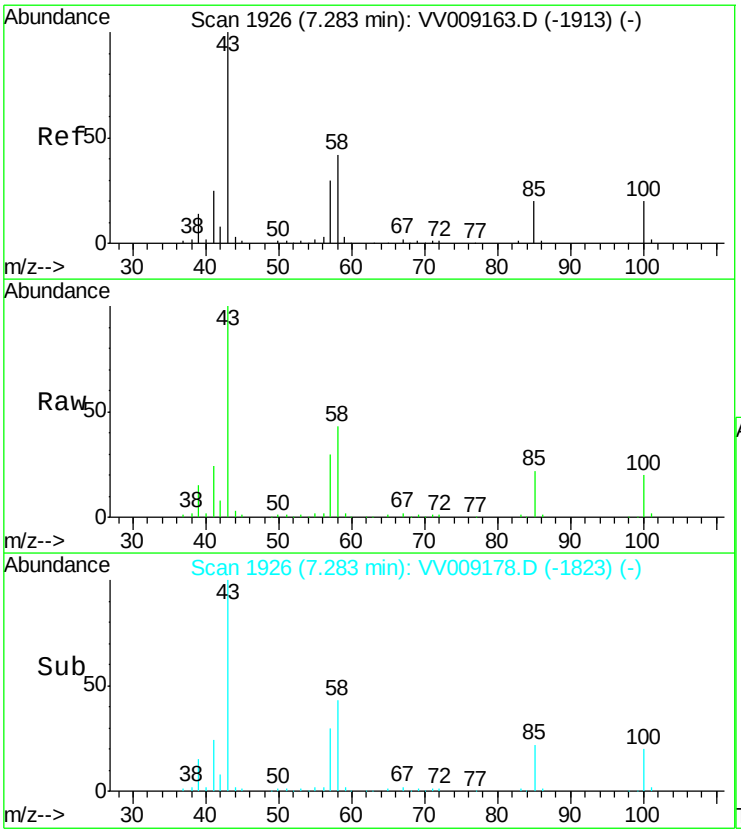
#42
cis-1,3-Dichloropropene
Concen: 24.602 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 75 Resp: 86399

Ion	Ratio	Lower	Upper
75	100		
77	34.2	22.8	42.4

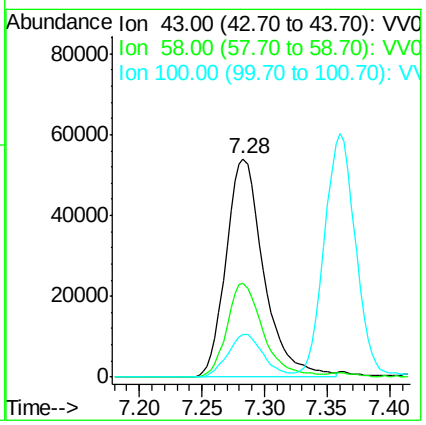


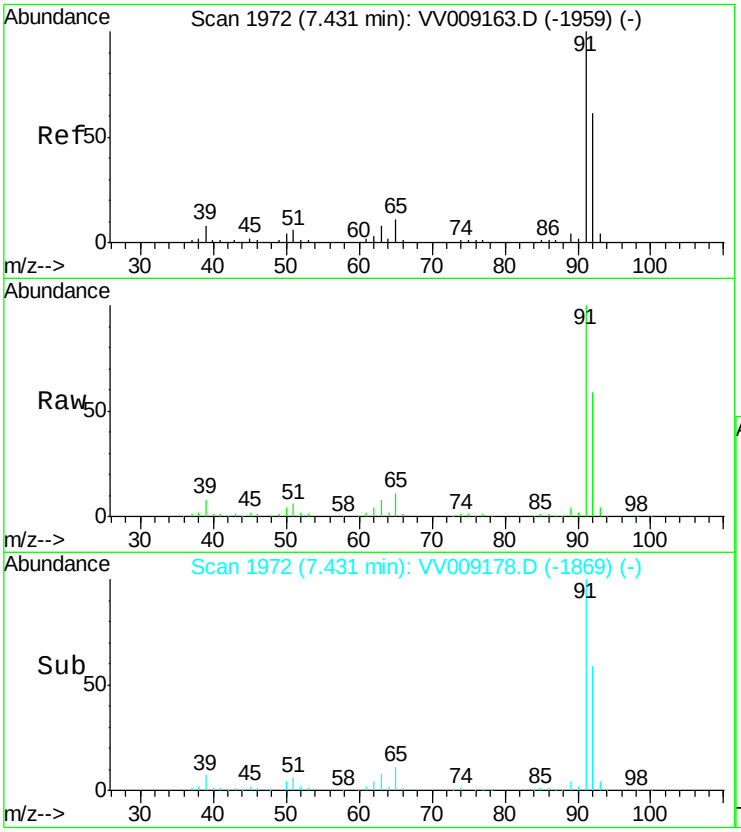


#43
4-Methyl-2-pentanone
Concen: 53.538 ug/L
RT: 7.28 min Scan# 1926
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 43 Resp: 113098

Ion	Ratio	Lower	Upper
43	100		
58	41.1	33.4	50.2
100	18.6	15.2	22.8



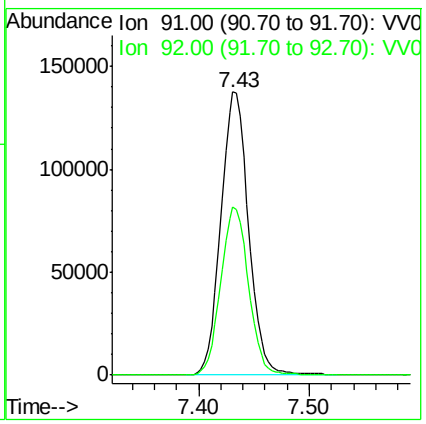


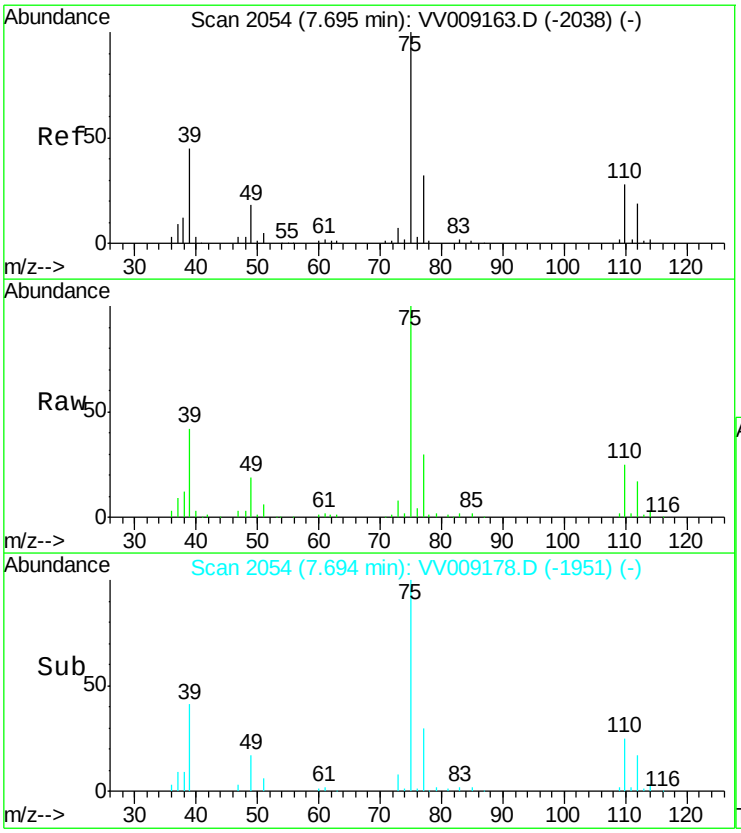
#44
Toluene
Concen: 24.226 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 91 Resp: 240162

Ion	Ratio	Lower	Upper
91	100		
92	59.3	41.7	77.5

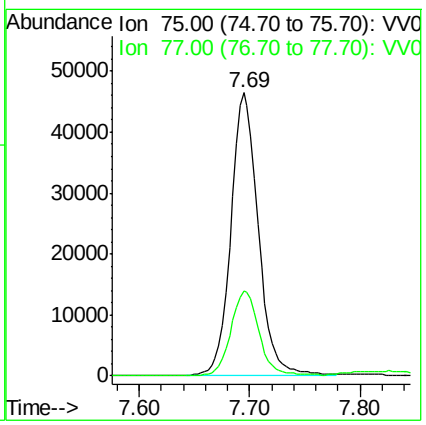


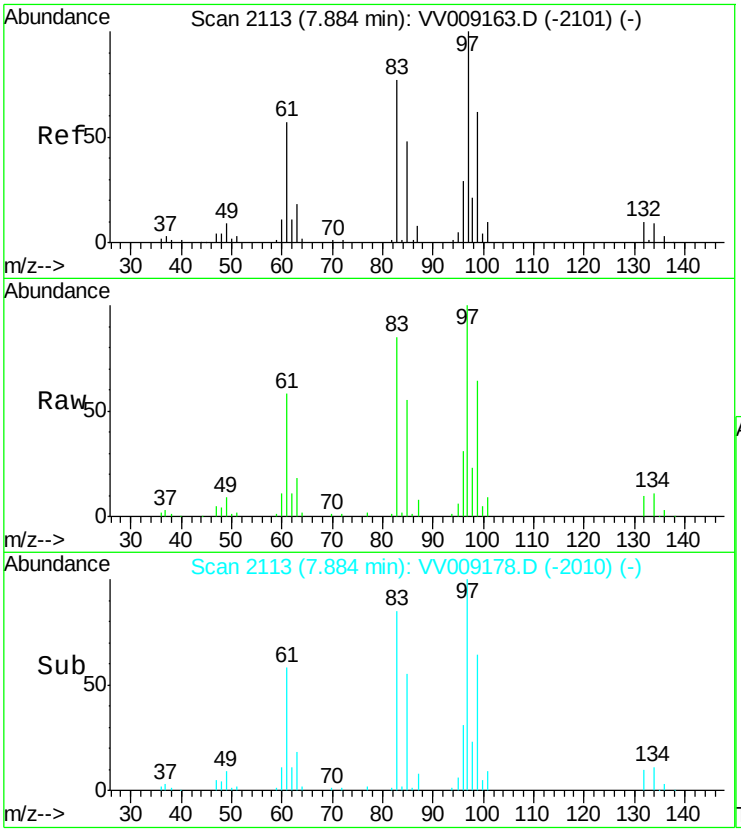


#45
trans-1,3-Dichloropropene
Concen: 26.082 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 75 Resp: 80194

Ion	Ratio	Lower	Upper
75	100		
77	29.9	22.3	41.5



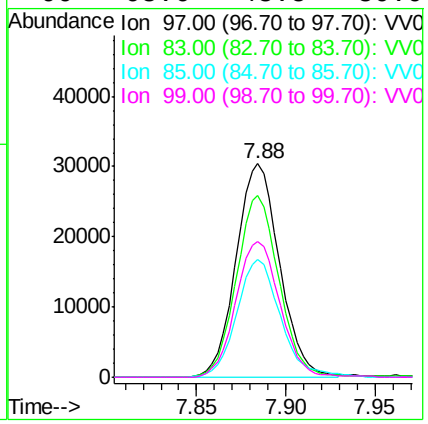


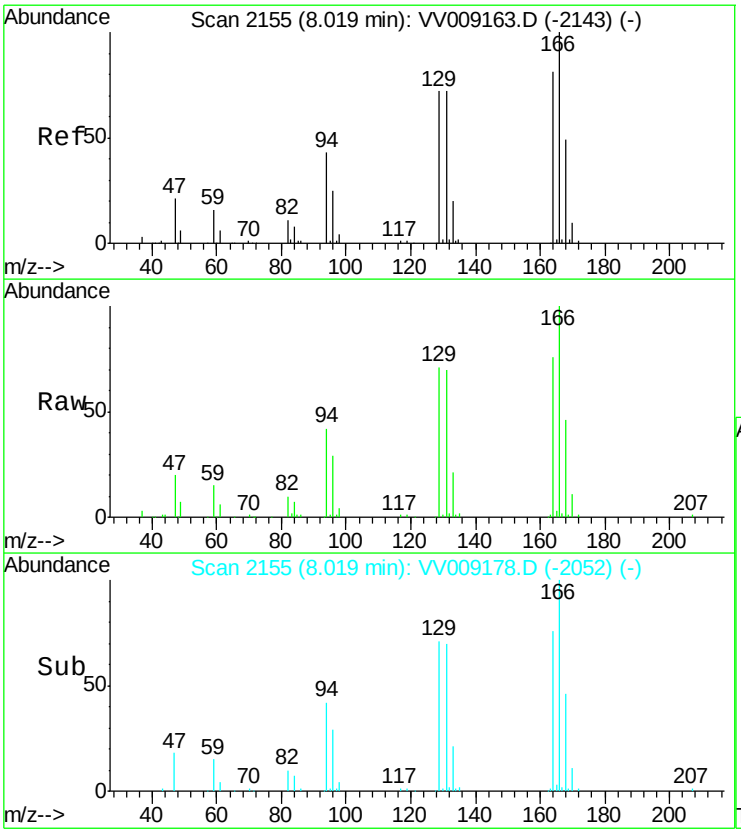
#46
1,1,2-Trichloroethane
Concen: 26.411 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 97 Resp: 51734

Ion	Ratio	Lower	Upper
97	100		
83	85.2	56.0	104.0
85	55.2	36.5	67.9
99	63.6	43.5	80.9

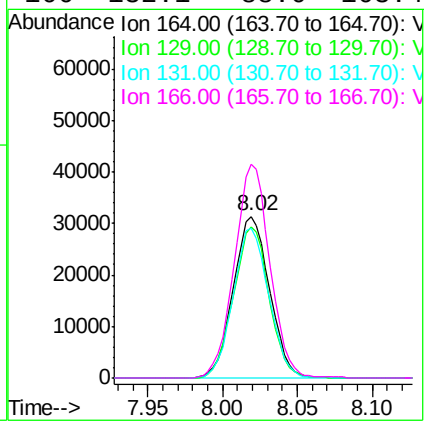


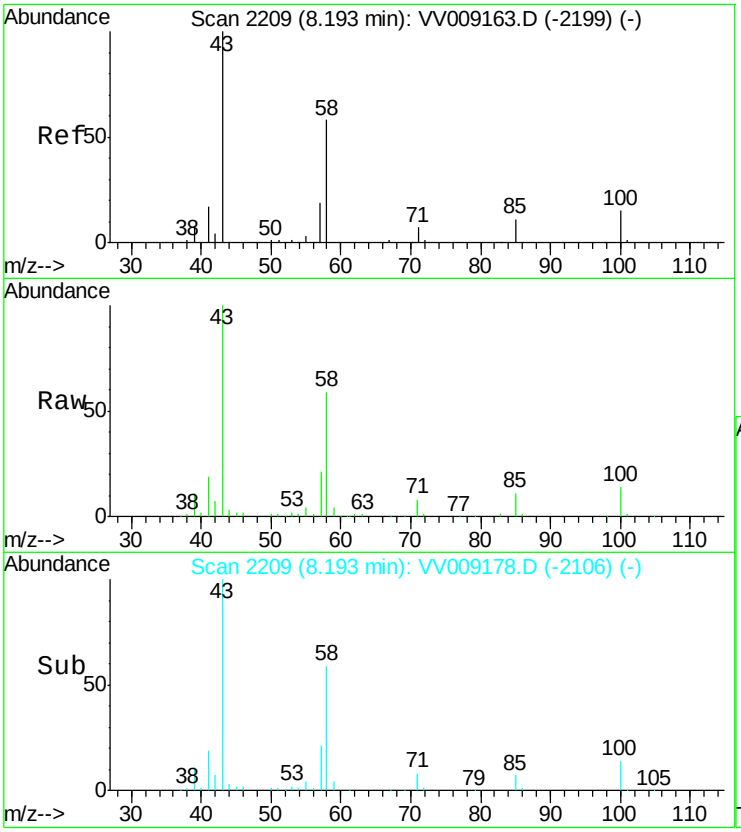


#47
Tetrachloroethene
Concen: 23.069 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:164 Resp: 52944

Ion	Ratio	Lower	Upper
164	100		
129	93.7	63.5	117.9
131	92.9	63.2	117.4
166	132.1	88.0	163.4



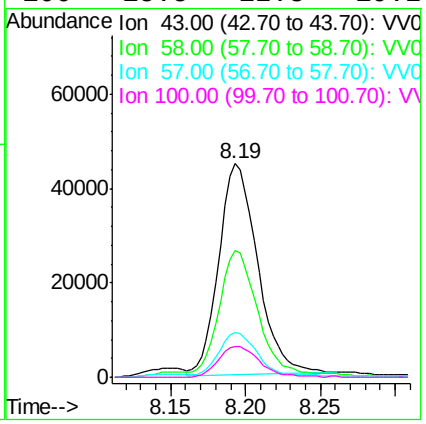


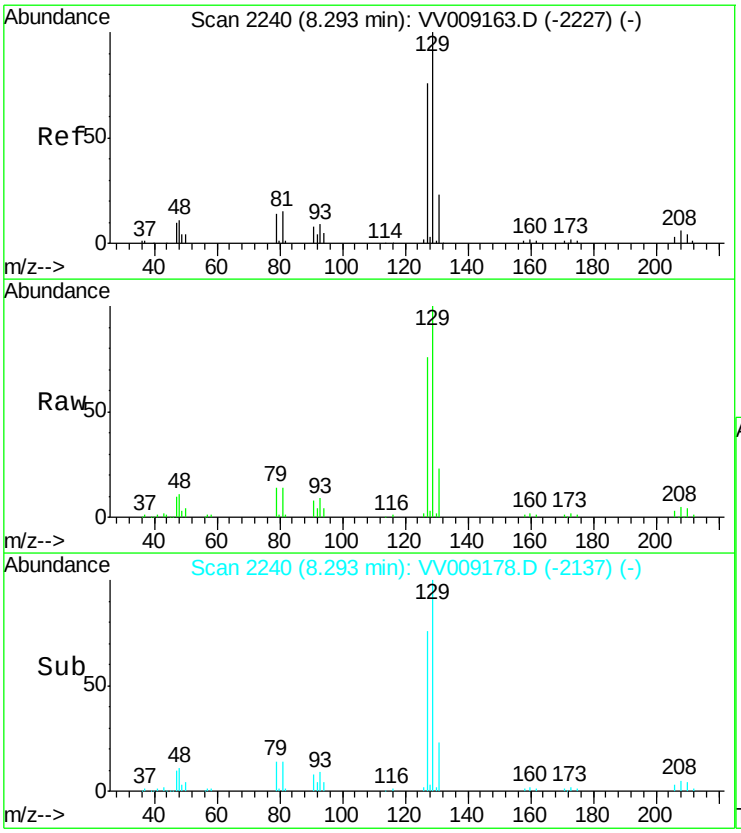
#49
2-Hexanone
Concen: 52.016 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 43 Resp: 80869

Ion	Ratio	Lower	Upper
43	100		
58	57.8	46.7	70.1
57	19.7	15.5	23.3
100	15.5	12.8	19.2

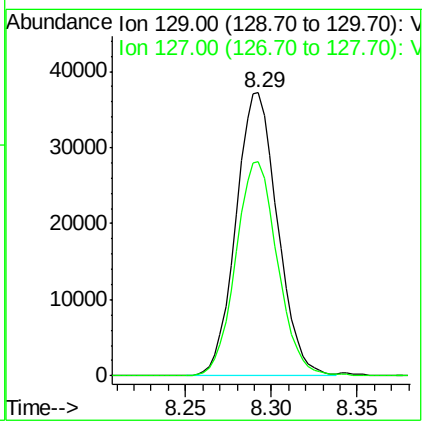


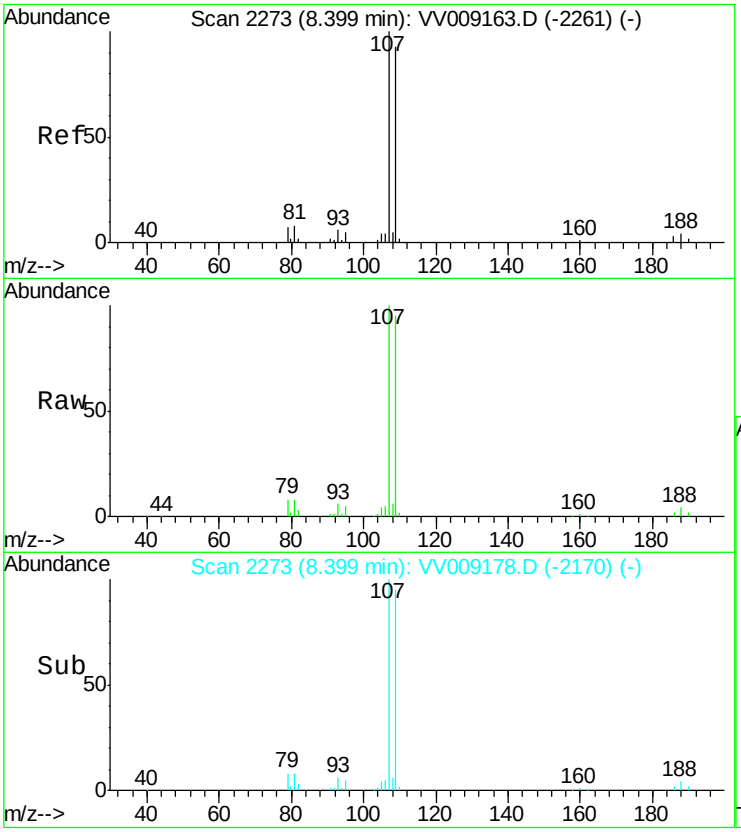


#50
Dibromochloromethane
Concen: 26.036 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:129 Resp: 62651

Ion	Ratio	Lower	Upper
129	100		
127	75.5	53.1	98.7



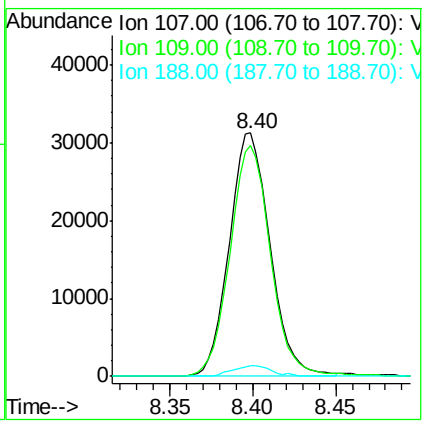


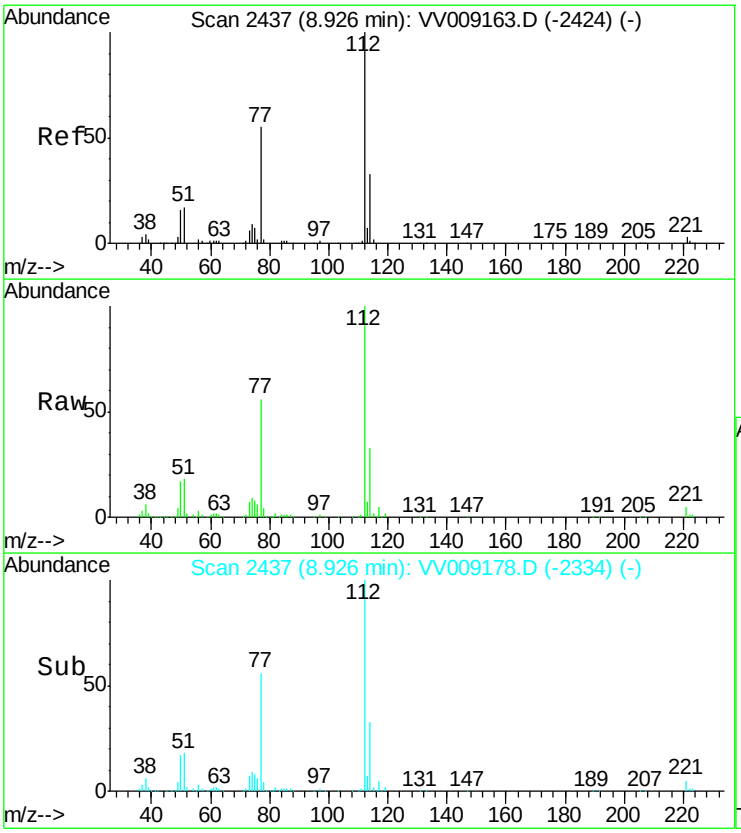
#51
1,2-Dibromoethane
Concen: 26.128 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:107 Resp: 53515

Ion	Ratio	Lower	Upper
107	100		
109	95.0	63.6	118.0
188	4.2	3.3	4.9

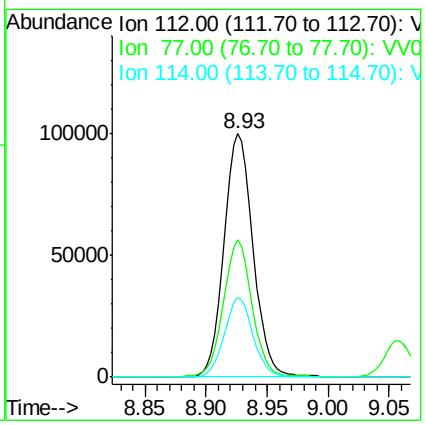


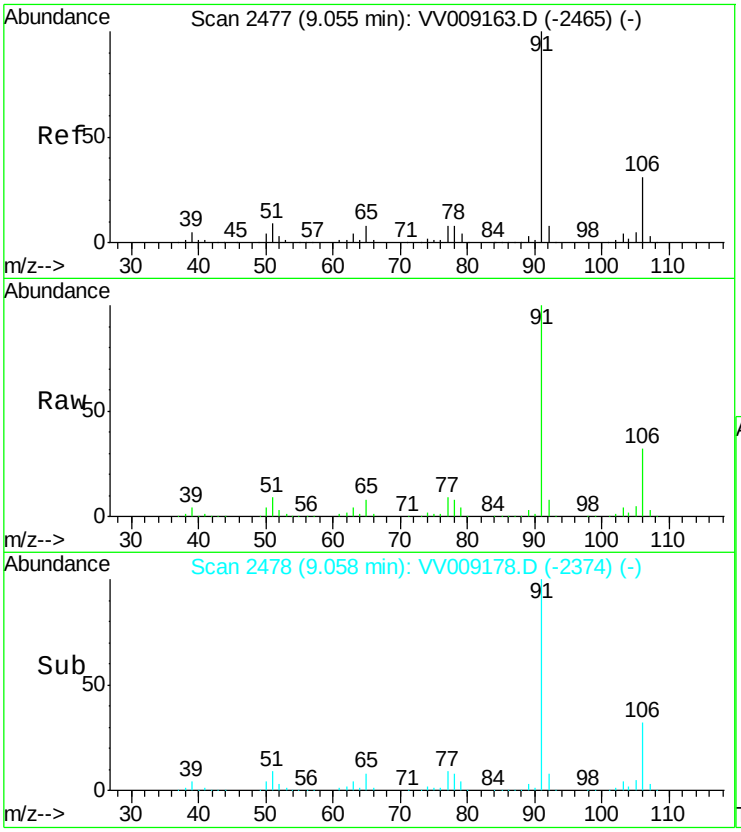


#52
Chlorobenzene
Concen: 24.650 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:112 Resp: 167665

Ion	Ratio	Lower	Upper
112	100		
77	56.2	44.6	66.8
114	32.6	22.5	41.9



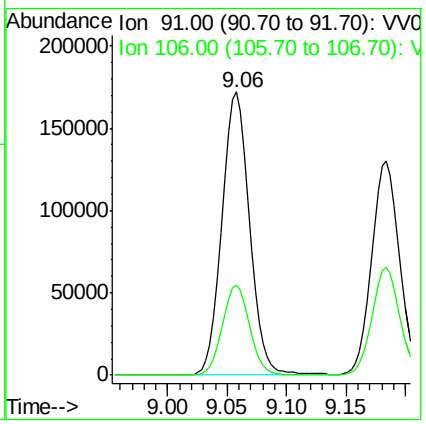


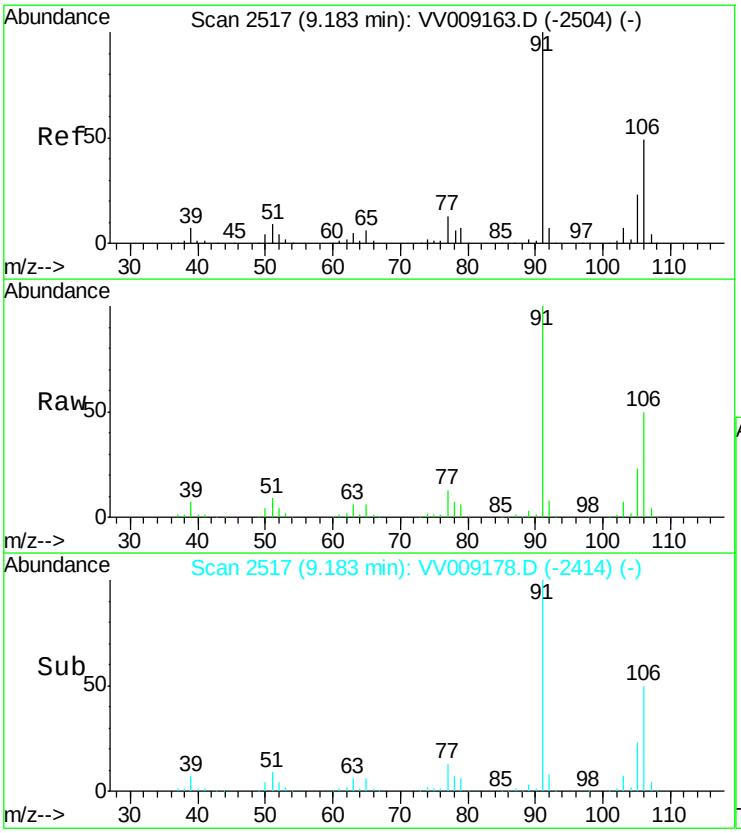
#53
Ethylbenzene
Concen: 24.805 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 91 Resp: 278090

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.5	41.9

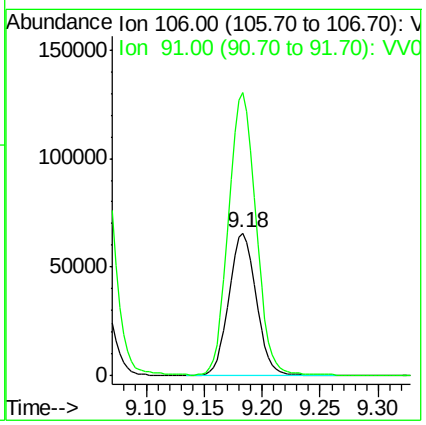


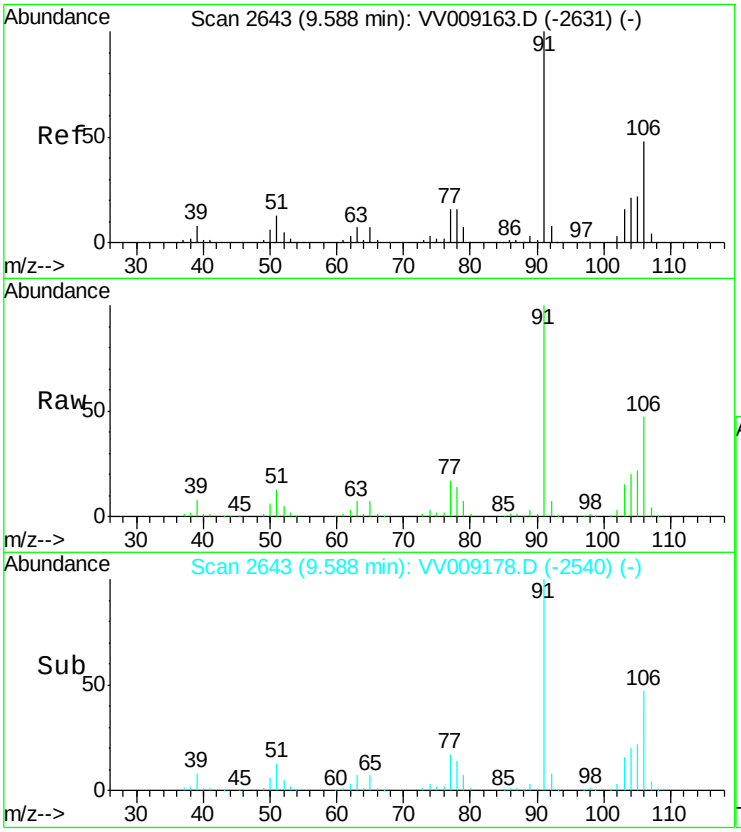


#54
m,p-Xylene
Concen: 24.313 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:106 Resp: 106195

Ion	Ratio	Lower	Upper
106	100		
91	198.4	138.9	257.9



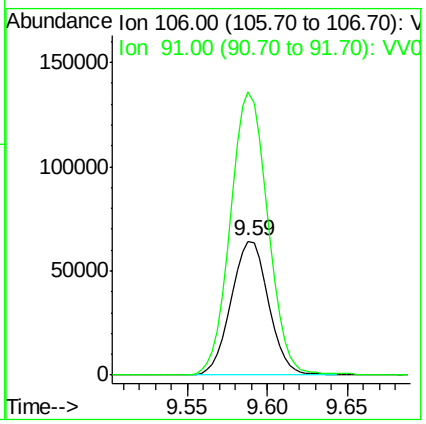


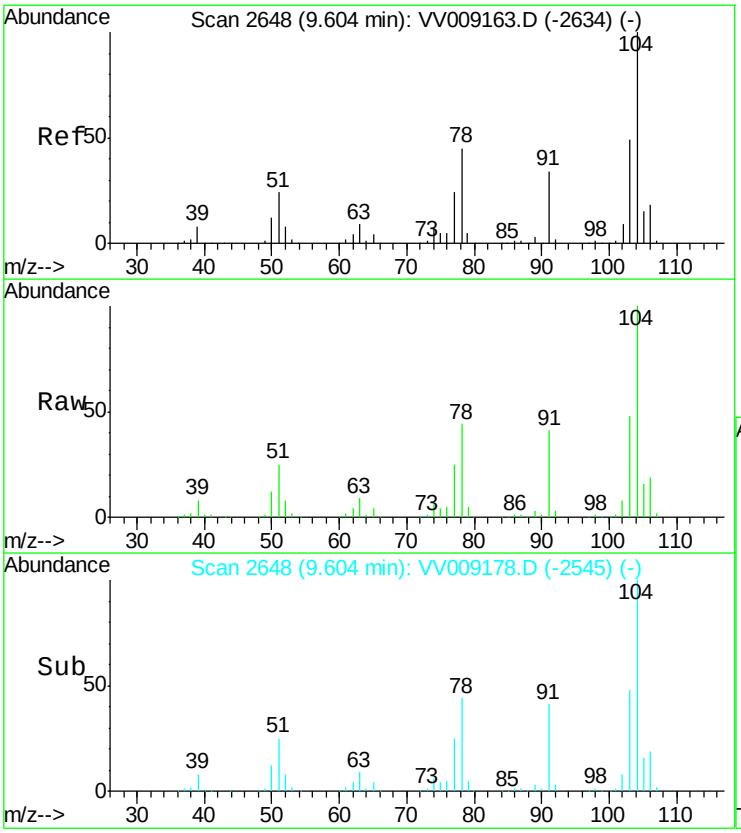
#55
o-xylene
Concen: 25.407 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:106 Resp: 102613

Ion	Ratio	Lower	Upper
106	100		
91	211.7	148.7	276.1

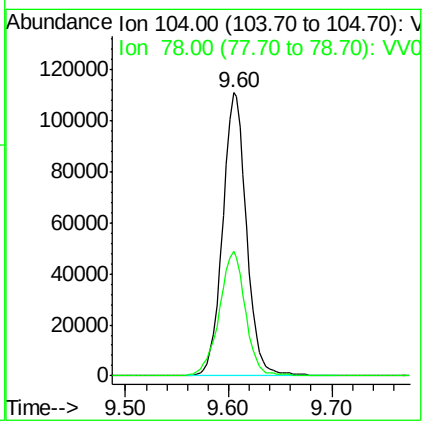


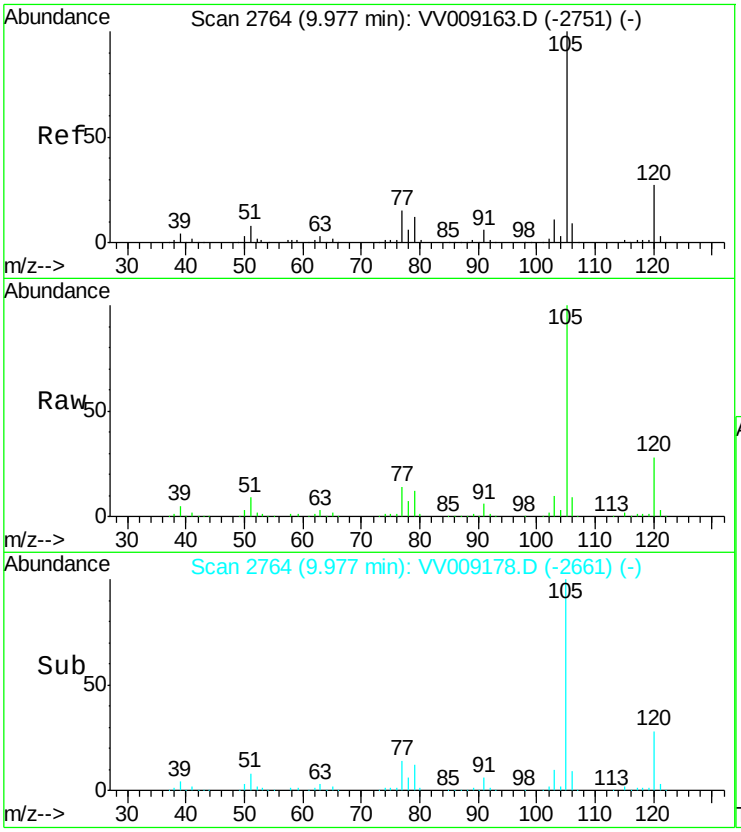


#56
Styrene
Concen: 26.160 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:104 Resp: 178206

Ion	Ratio	Lower	Upper
104	100		
78	43.9	31.6	58.8



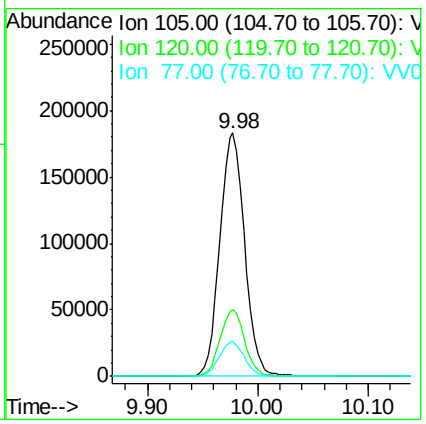


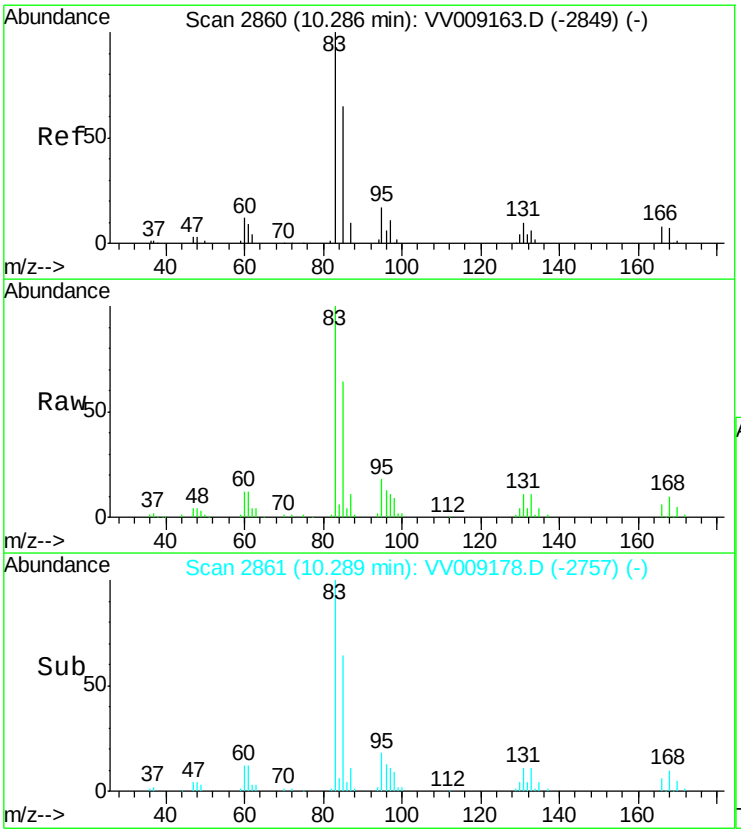
#57
Isopropylbenzene
Concen: 25.516 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion:105 Resp: 285920

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.9	32.9
77	14.5	12.1	18.1

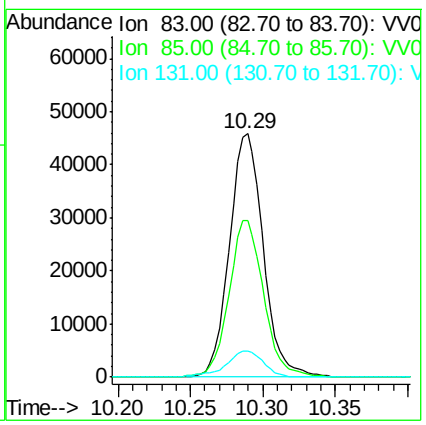


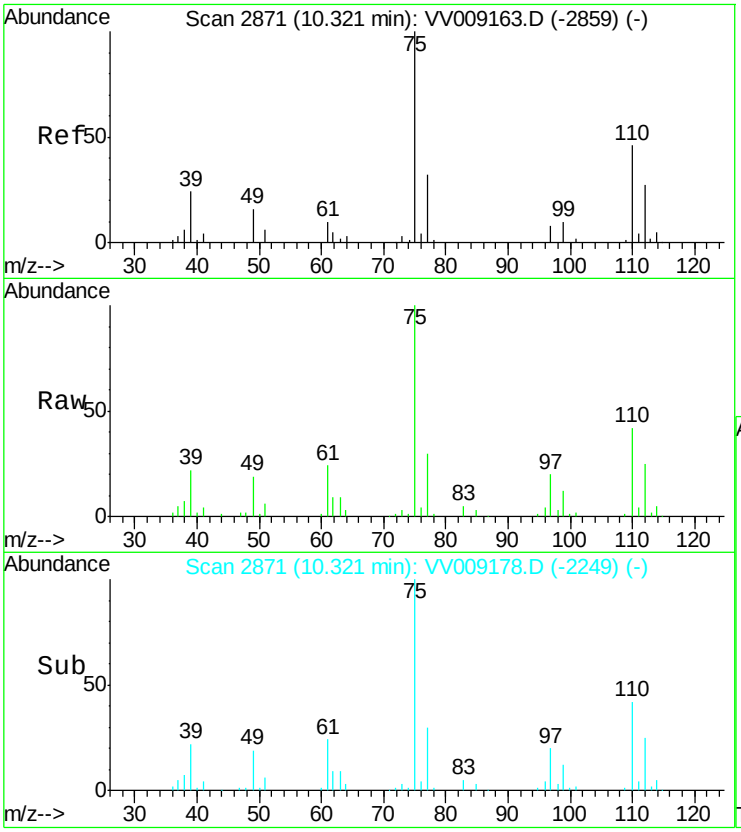


#58
1,1,2,2-Tetrachloroethane
Concen: 28.279 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 83 Resp: 74216

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.4	84.2
131	10.7	9.4	14.0



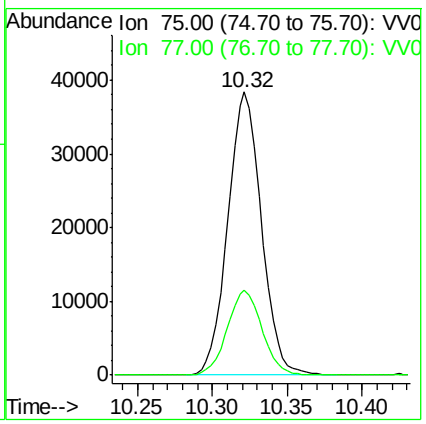


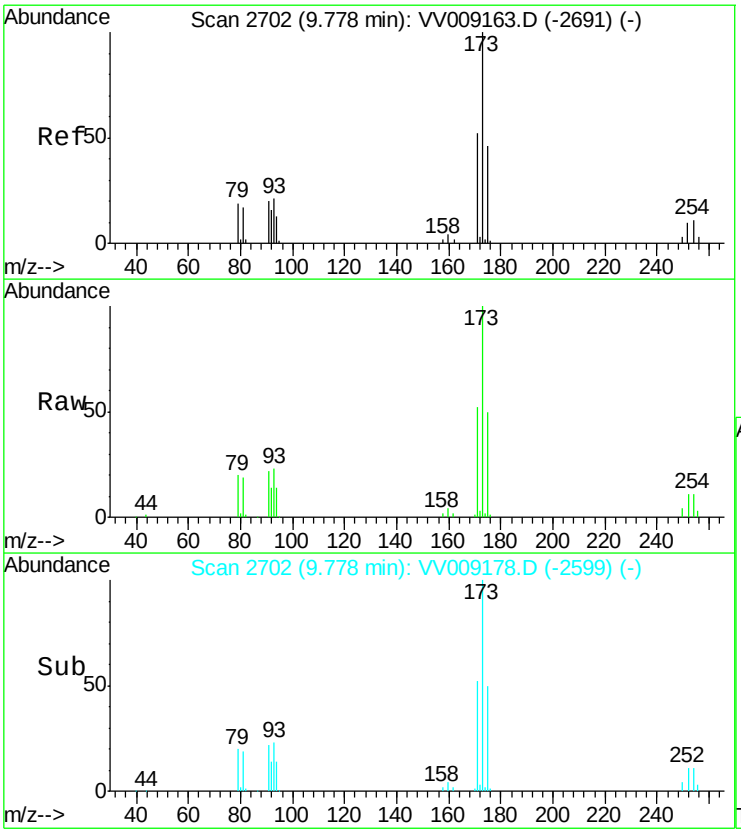
#59
1,2,3-Trichloropropane
Concen: 28.682 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 75 Resp: 60166

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.6

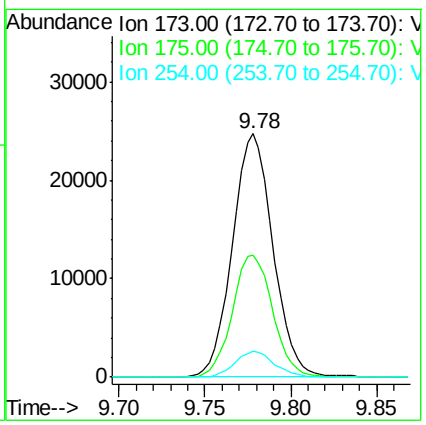


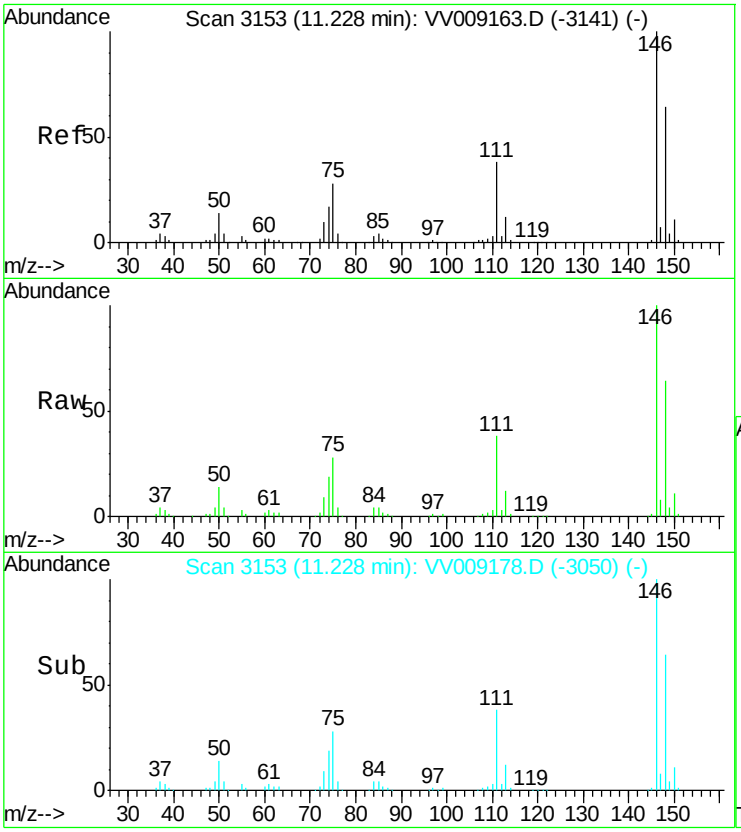


#62
Bromoform
Concen: 25.880 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:173 Resp: 40667

Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.4	57.6
254	10.0	8.0	12.0



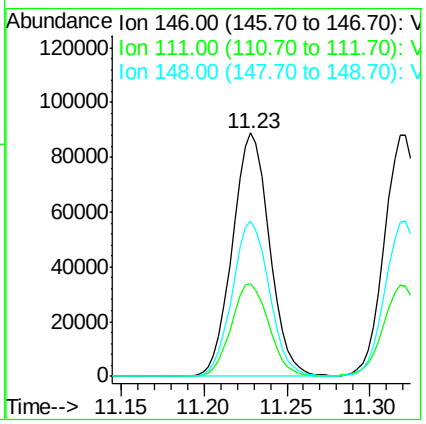


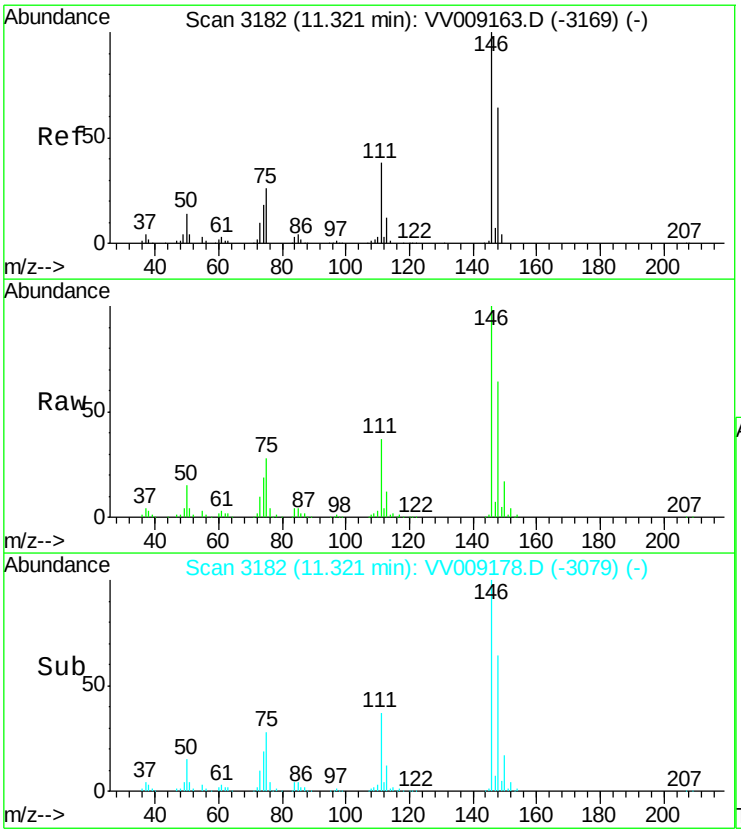
#63
1,3-Dichlorobenzene
Concen: 24.683 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:146 Resp: 138379

Ion	Ratio	Lower	Upper
146	100		
111	38.1	28.0	52.0
148	63.7	45.6	84.8

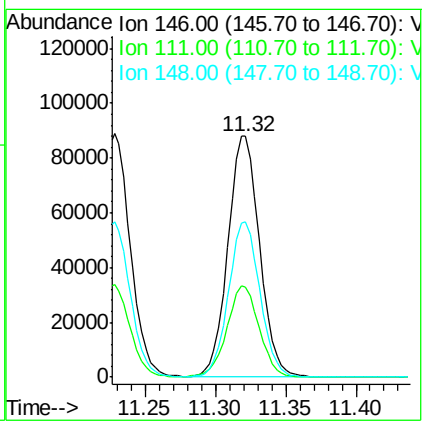


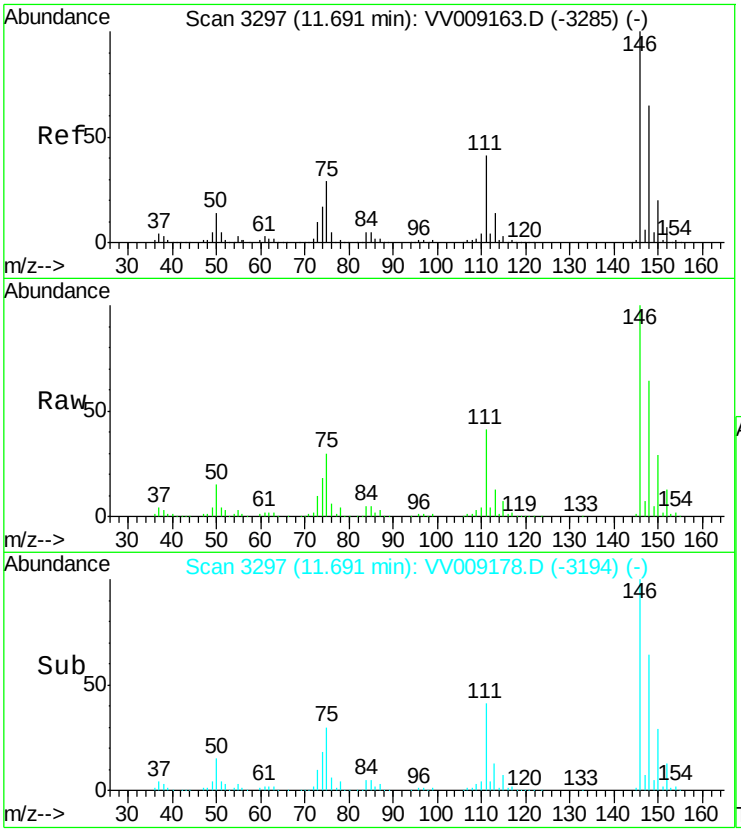


#64
1,4-Dichlorobenzene
Concen: 23.718 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:146 Resp: 138605

Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.0	48.4
148	64.4	43.4	80.6



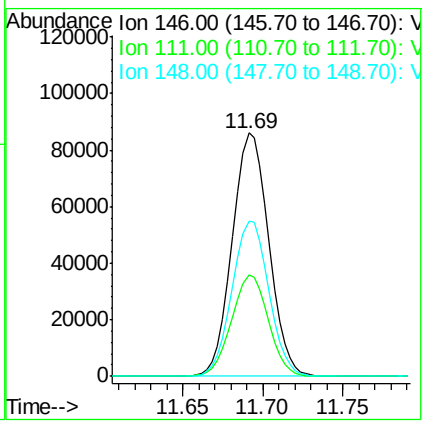


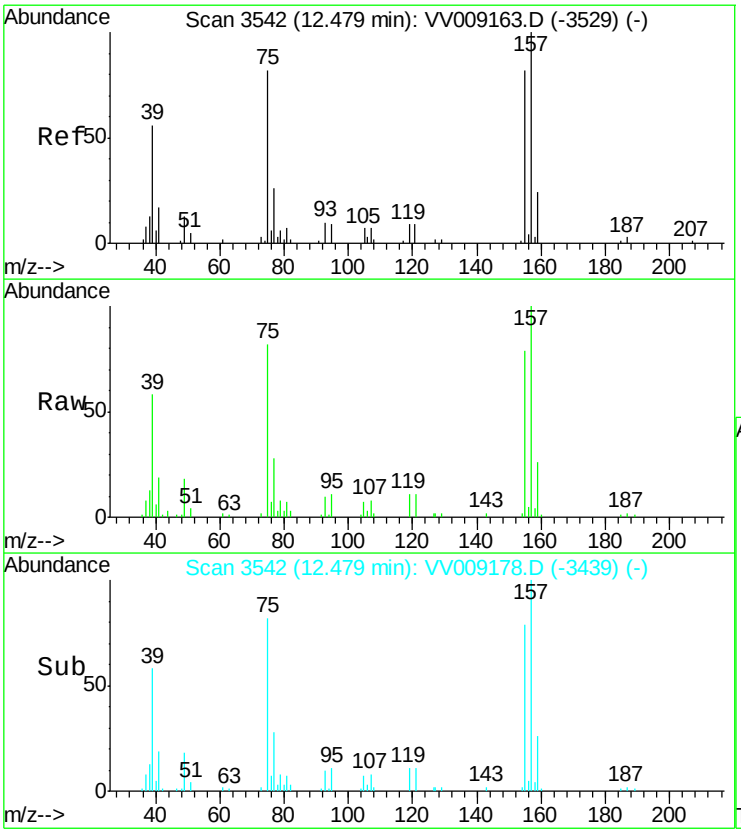
#65
1,2-Dichlorobenzene
Concen: 25.066 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:146 Resp: 133858

Ion	Ratio	Lower	Upper
146	100		
111	41.5	32.2	48.4
148	63.9	50.4	75.6

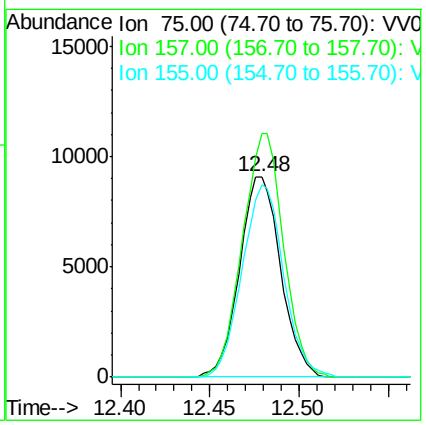


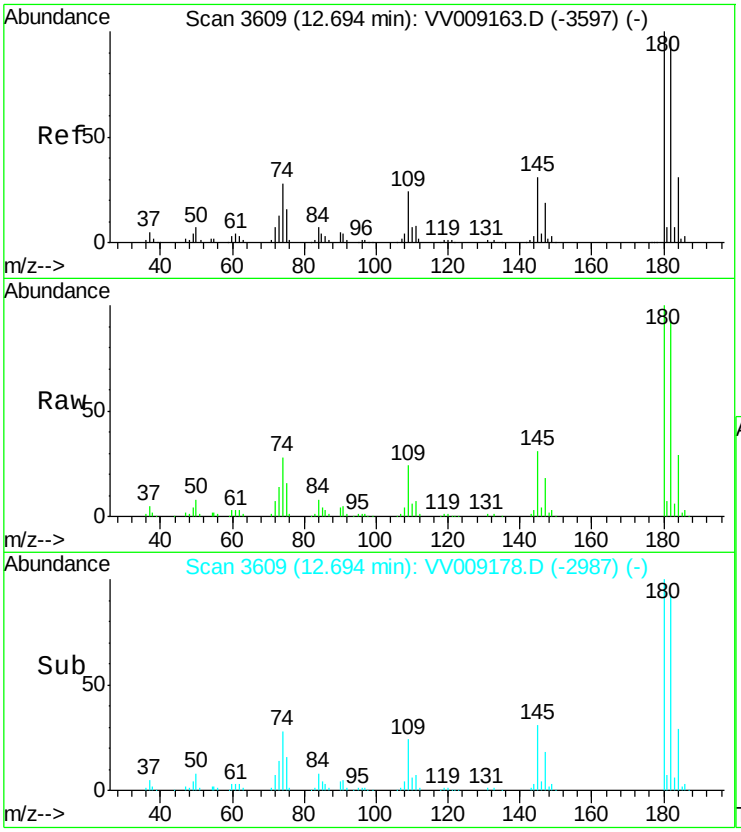


#66
1,2-Dibromo-3-chloropropane
Concen: 26.301 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion: 75 Resp: 14582

Ion	Ratio	Lower	Upper
75	100		
157	121.3	96.9	145.3
155	96.0	68.0	102.0



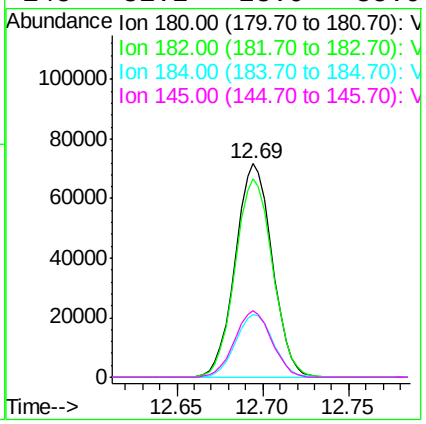


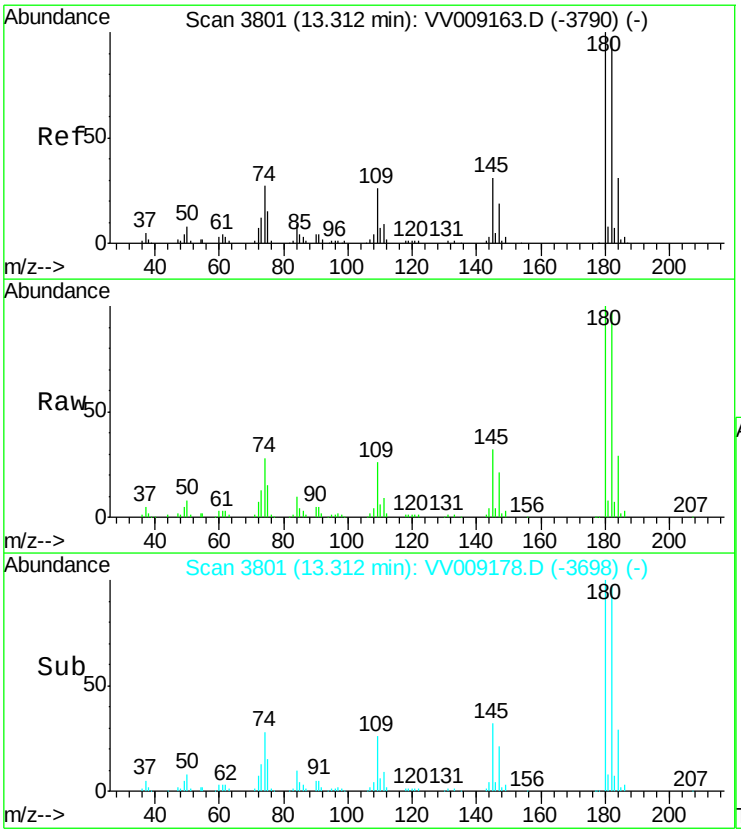
#67
1,3,5-Trichlorobenzene
Concen: 23.763 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:180 Resp: 107440

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.3	112.9
184	29.9	24.6	37.0
145	31.2	23.9	35.9

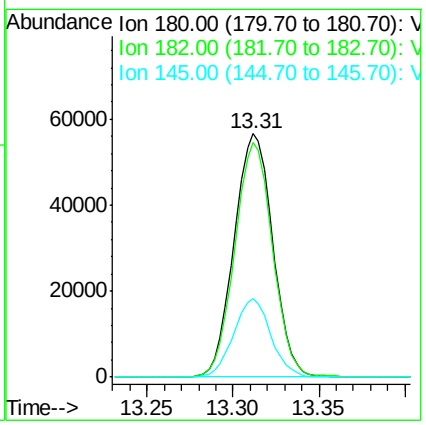


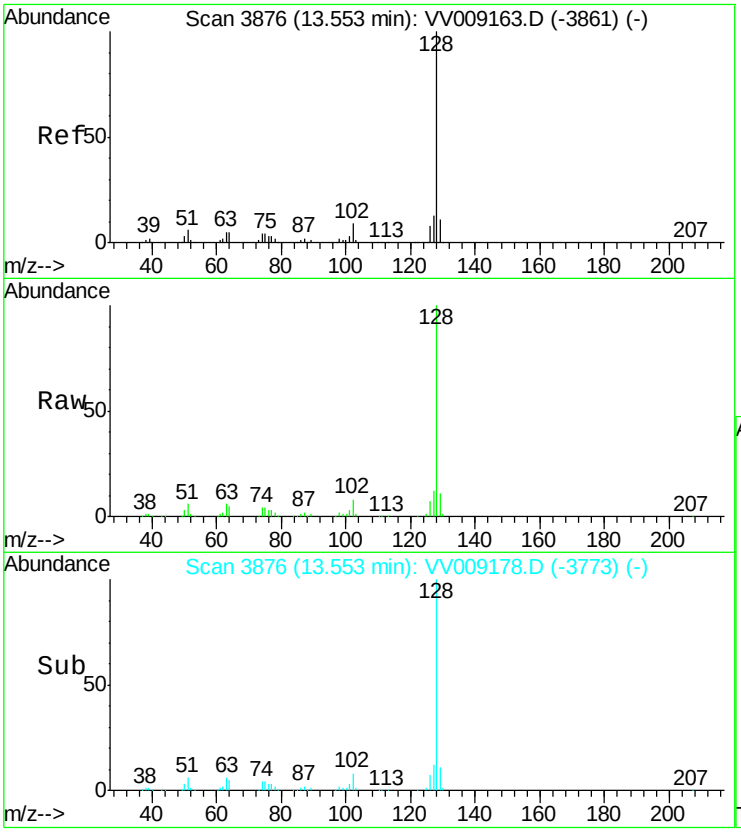


#68
1,2,4-trichlorobenzene
Concen: 24.018 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:180 Resp: 88390

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.4
145	31.0	25.4	38.0



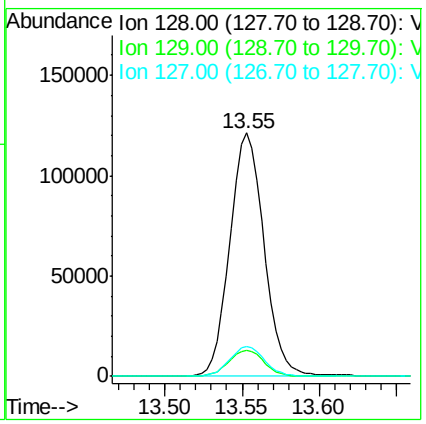


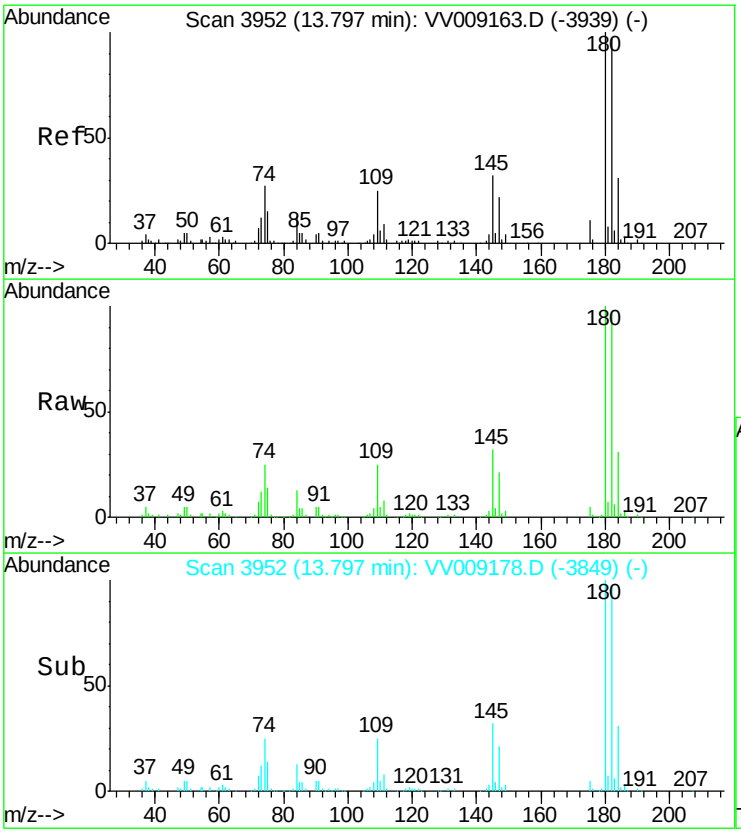
#69
Naphthalene
Concen: 24.839 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:128 Resp: 186195

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.5	10.4	15.6





#70
1,2,3-Trichlorobenzene
Concen: 24.867 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV009178.D
Acq: 05 Jan 2019 00:28

Tgt Ion:180 Resp: 83983

Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.4	111.6
145	33.1	25.7	38.5