Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008393.D
Acq On : 24 Oct 2018 15:26
Operator : SY/MD
Sample : MDL04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Quant Time: Oct 25 08:52:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192133	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173505	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75398	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45073	42.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.74%			
7) Chloroethane-d5	1.57	69	37039	48.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.44%			
11) 1,1-Dichloroethene-d2	2.13	63	67447	35.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.20%			
21) 2-Butanone-d5	3.94	46	115535	99.93	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.93%			
24) Chloroform-d	4.41	84	121297	46.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.46%			
26) 1,2-Dichloroethane-d4	5.09	65	84153	47.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.94%			
32) Benzene-d6	5.10	84	242945	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
36) 1,2-Dichloropropane-d6	6.12	67	83898	48.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.76%			
41) Toluene-d8	7.36	98	217622	48.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.96%			
43) trans-1,3-Dichloropropene-	7.67	79	40786	48.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.84%			
47) 2-Hexanone-d5	8.13	63	90561	101.06	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.06%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	115047	49.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	75417	48.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3079	2.244	ug/L	98
3) Chloromethane	1.25	50	3258	2.217	ug/L	97
5) Vinyl chloride	1.32	62	2966	2.178	ug/L #	66
6) Bromomethane	1.52	94	1026	2.746	ug/L	91
8) Chloroethane	1.59	64	1476	2.063	ug/L	99
9) Trichlorofluoromethane	1.76	101	3882	2.215	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2441	2.666	ug/L	88
12) 1,1-Dichloroethene	2.14	96	2459	2.852	ug/L #	1
13) Acetone	2.20	43	4841	5.395	ug/L	97
14) Carbon disulfide	2.32	76	9280	2.390	ug/L #	93
15) Methyl Acetate	2.46	43	4518	2.525	ug/L	95
16) Methylene chloride	2.54	84	3635	2.435	ug/L	94
17) trans-1,2-Dichloroethene	2.80	96	3058	2.327	ug/L	94
18) Methyl tert-butyl Ether	2.81	73	10666	2.268	ug/L #	93
19) 1,1-Dichloroethane	3.23	63	5917	2.183	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	3336	2.228	ug/L	96
22) 2-Butanone	4.04	43	4670	3.603	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008393.D
Acq On : 24 Oct 2018 15:26
Operator : SY/MD
Sample : MDL04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Quant Time: Oct 25 08:52:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

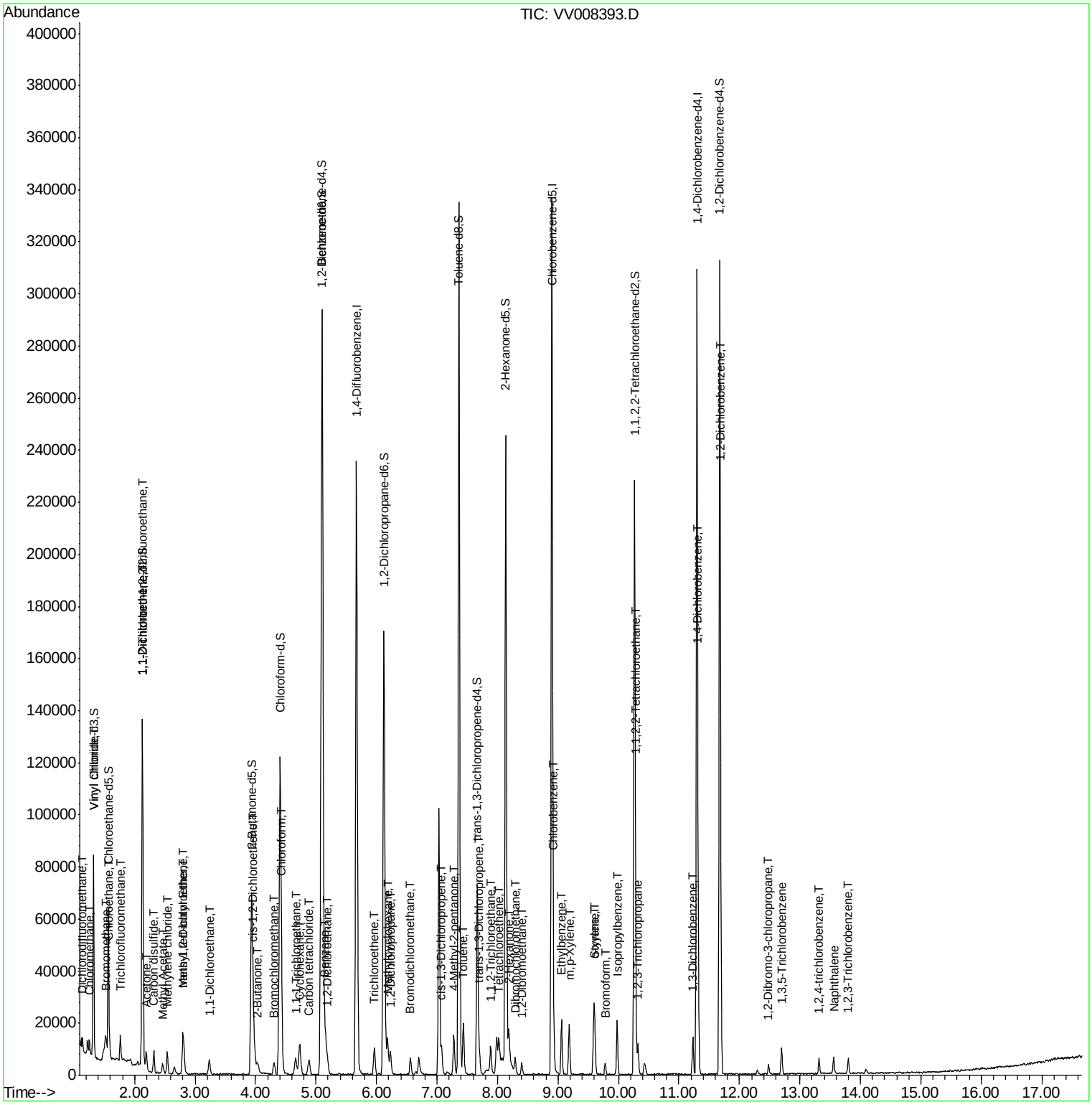
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	1476	2.091	ug/L		95
25) Chloroform	4.44	83	6691	2.529	ug/L		99
27) 1,2-Dichloroethane	5.19	62	5256	2.378	ug/L		100
29) Cyclohexane	4.73	56	5908	2.339	ug/L	#	89
30) 1,1,1-Trichloroethane	4.66	97	5218	2.319	ug/L		96
31) Carbon tetrachloride	4.88	117	4176	2.187	ug/L		91
33) Benzene	5.15	78	13315	2.348	ug/L		100
34) Trichloroethene	5.96	95	3383	2.330	ug/L		97
35) Methylcyclohexane	6.18	83	5562	2.253	ug/L		99
37) 1,2-Dichloropropane	6.23	63	3727	2.379	ug/L	#	93
38) Bromodichloromethane	6.56	83	4422	2.215	ug/L		93
39) cis-1,3-Dichloropropene	7.07	75	5582	2.267	ug/L		98
40) 4-Methyl-2-pentanone	7.28	43	10373	4.472	ug/L		99
42) Toluene	7.44	91	13265	2.252	ug/L		95
44) trans-1,3-Dichloropropene	7.70	75	5356	2.325	ug/L		98
45) 1,1,2-Trichloroethane	7.89	97	3060	2.209	ug/L		95
46) Tetrachloroethene	8.02	164	2036	2.151	ug/L		94
48) 2-Hexanone	8.19	43	9290	5.191	ug/L		92
49) Dibromochloromethane	8.30	129	3183	2.139	ug/L		93
50) 1,2-Dibromoethane	8.41	107	3277	2.256	ug/L	#	96
51) Chlorobenzene	8.93	112	7901	2.178	ug/L		98
52) Ethylbenzene	9.06	91	14793	2.242	ug/L		96
53) m,p-Xylene	9.19	106	5509	2.285	ug/L		94
54) o-xylene	9.59	106	5121	2.127	ug/L		95
55) Styrene	9.61	104	8826	2.176	ug/L		98
56) Isopropylbenzene	9.98	105	13480	2.140	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	5830	2.404	ug/L	#	98
59) 1,2,3-Trichloropropane	10.32	75	4634	2.361	ug/L		100
61) Bromoform	9.78	173	2054	2.159	ug/L	#	94
62) 1,3-Dichlorobenzene	11.23	146	5567	2.233	ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	5982	2.394	ug/L		93
65) 1,2-Dichlorobenzene	11.69	146	5965	2.347	ug/L	#	90
66) 1,2-Dibromo-3-chloropropan	12.48	75	1154	2.208	ug/L		95
67) 1,3,5-Trichlorobenzene	12.70	180	3263	2.005	ug/L		95
68) 1,2,4-trichlorobenzene	13.32	180	2100	1.595	ug/L		98
69) Naphthalene	13.56	128	5575	1.309	ug/L		98
70) 1,2,3-Trichlorobenzene	13.80	180	2023	1.537	ug/L		97

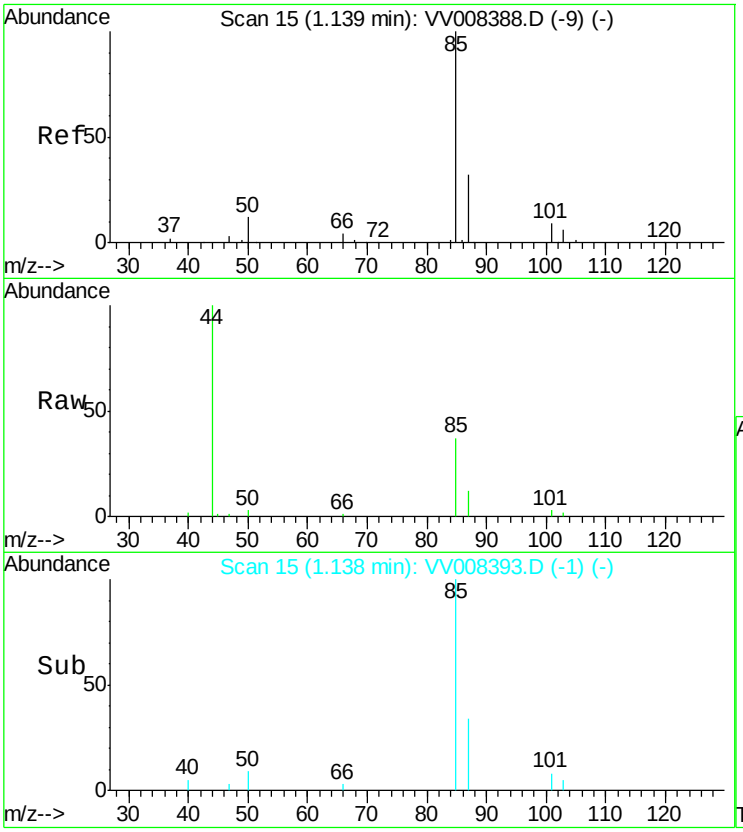
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008393.D
Acq On : 24 Oct 2018 15:26
Operator : SY/MD
Sample : MDL04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Quant Time: Oct 25 08:52:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration



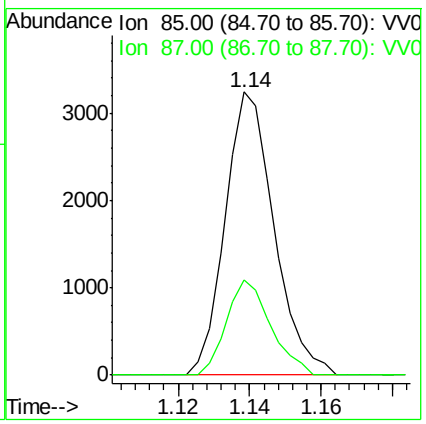


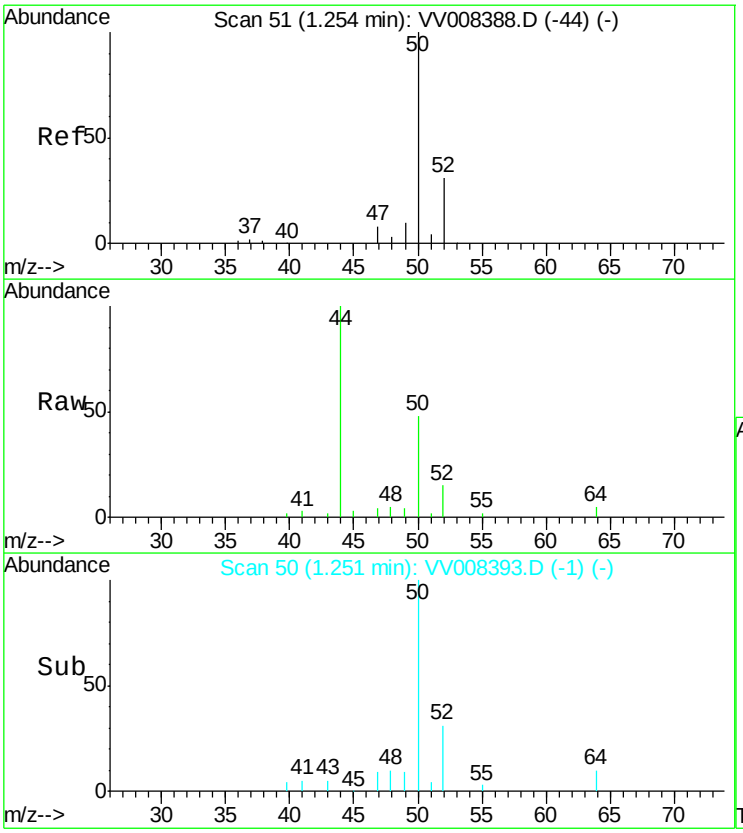
#2
Dichlorodifluoromethane
Concen: 2.244 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 85 Resp: 3079

Ion	Ratio	Lower	Upper
85	100		
87	30.5	25.4	38.2

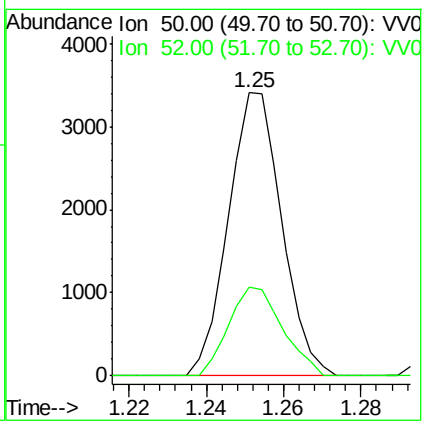


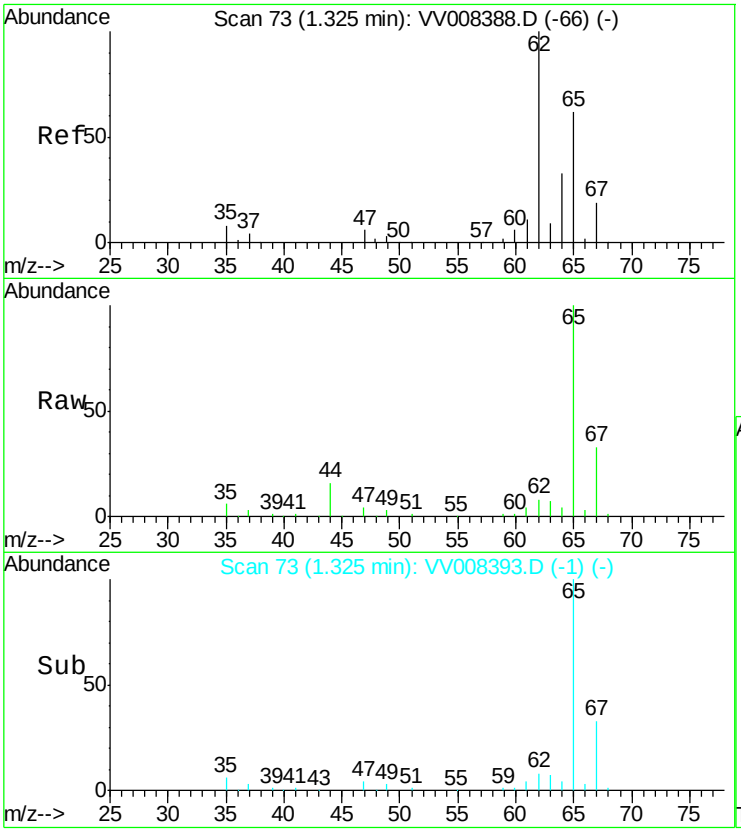


#3
Chloromethane
Concen: 2.217 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 50 Resp: 3258

Ion	Ratio	Lower	Upper
50	100		
52	31.5	23.1	42.9



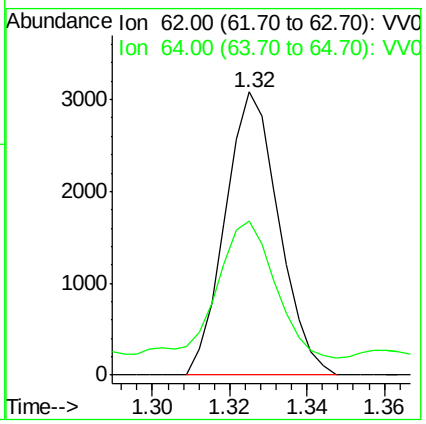


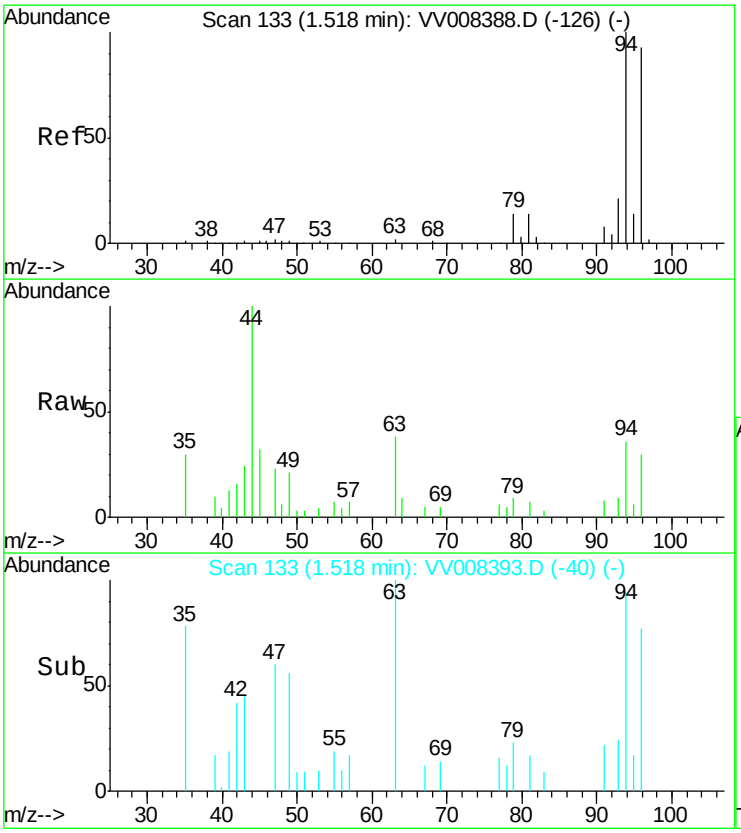
#5
Vinyl chloride
Concen: 2.178 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 62 Resp: 2966

Ion	Ratio	Lower	Upper
62	100		
64	54.6	24.4	45.4#

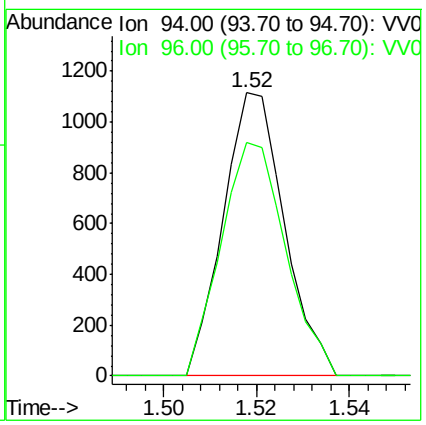


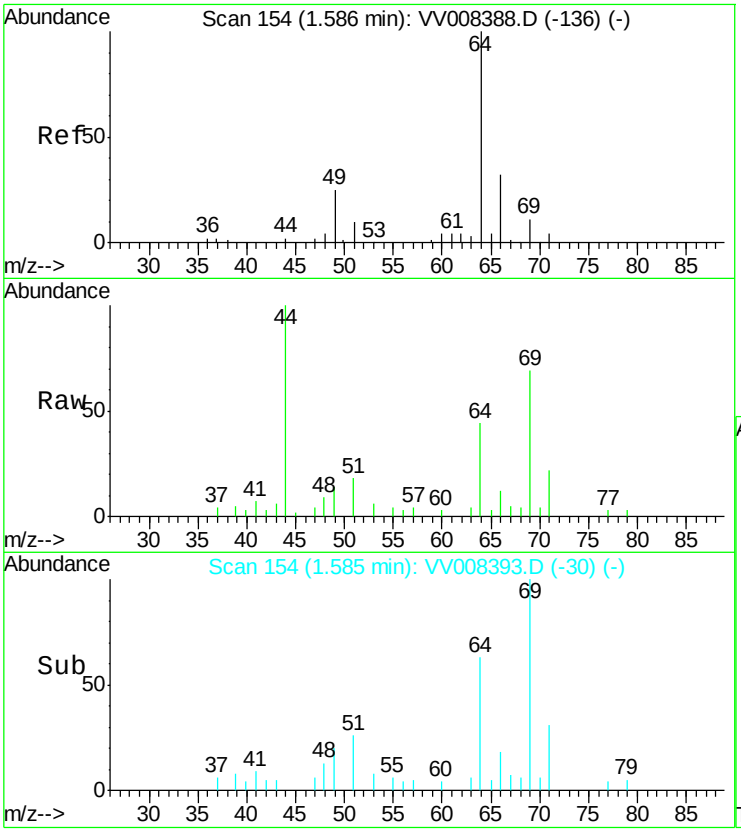


#6
Bromomethane
Concen: 2.746 ug/L
RT: 1.52 min Scan# 133
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 94 Resp: 1026

Ion	Ratio	Lower	Upper
94	100		
96	82.5	63.8	118.6



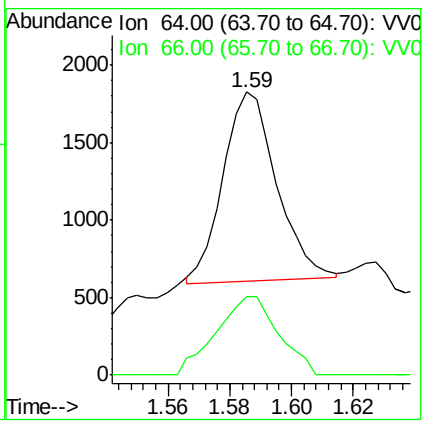


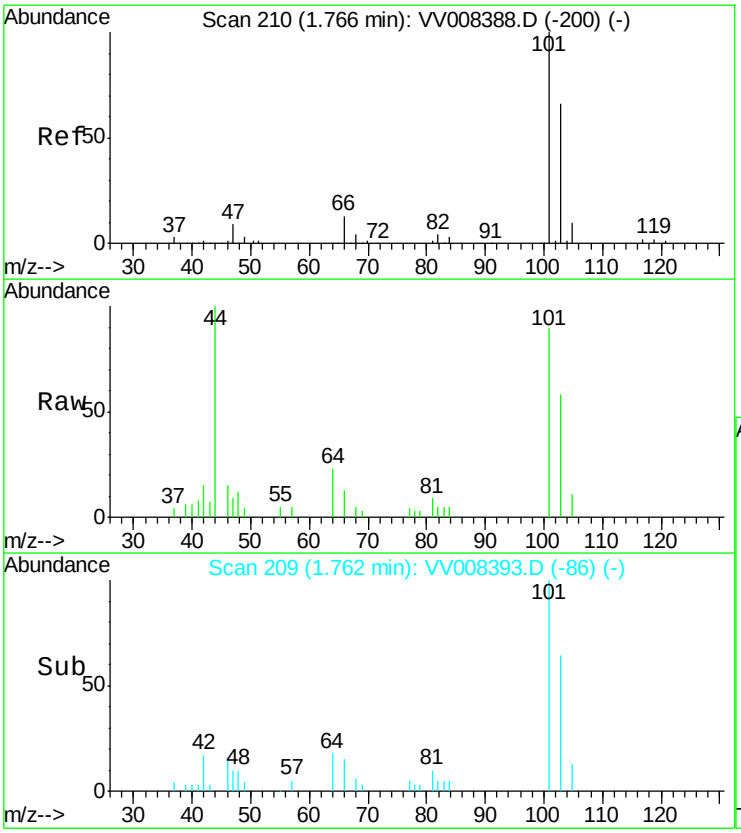
#8
Chloroethane
Concen: 2.063 ug/L
RT: 1.59 min Scan# 154
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 64 Resp: 1476

Ion	Ratio	Lower	Upper
64	100		
66	28.0	19.9	36.9

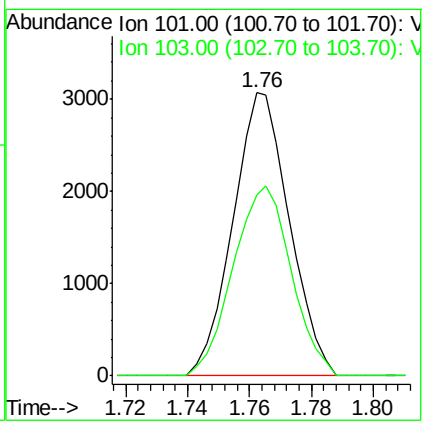


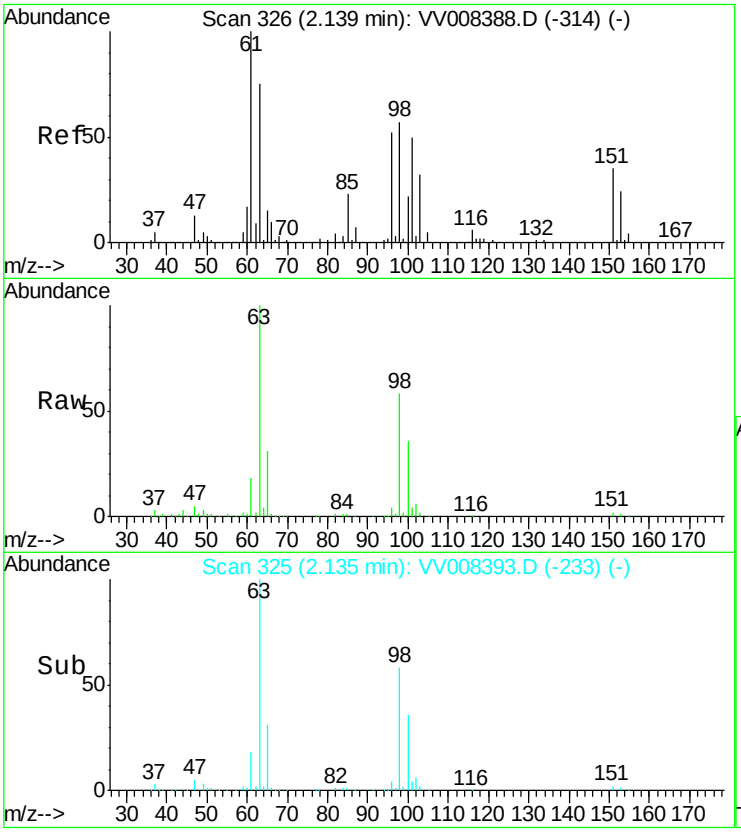


#9
Trichlorofluoromethane
Concen: 2.215 ug/L
RT: 1.76 min Scan# 209
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:101 Resp: 3882

Ion	Ratio	Lower	Upper
101	100		
103	69.2	51.0	76.6



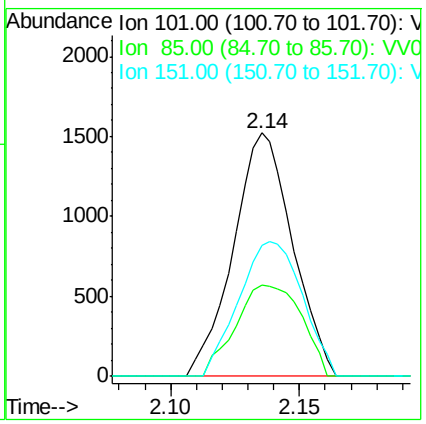


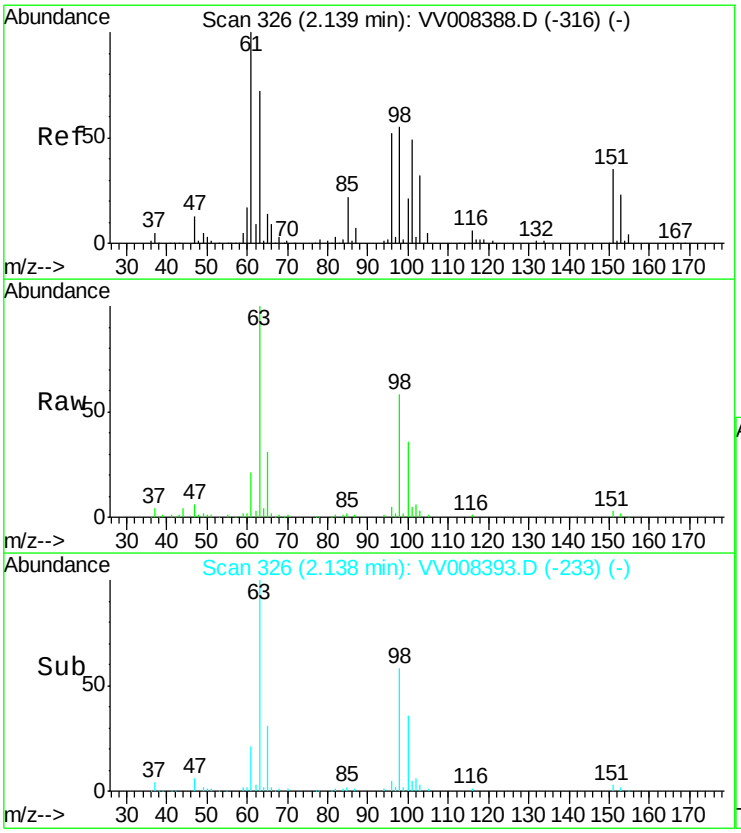
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.666 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 2441

Ion	Ratio	Lower	Upper
101	100		
85	41.5	35.6	53.4
151	59.4	58.1	87.1

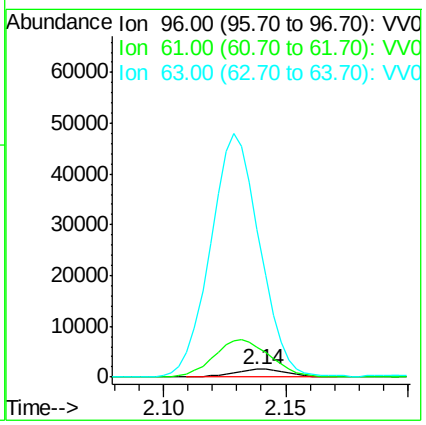


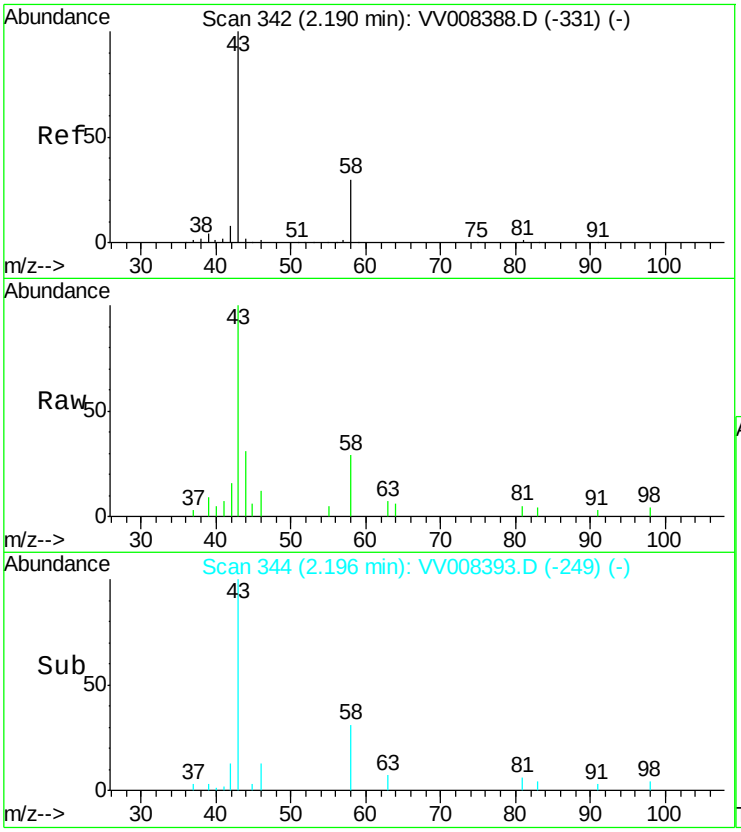


#12
1,1-Dichloroethene
Concen: 2.852 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 96 Resp: 2459

Ion	Ratio	Lower	Upper
96	100		
61	378.5	130.3	242.1#
63	1838.2	84.4	156.8#



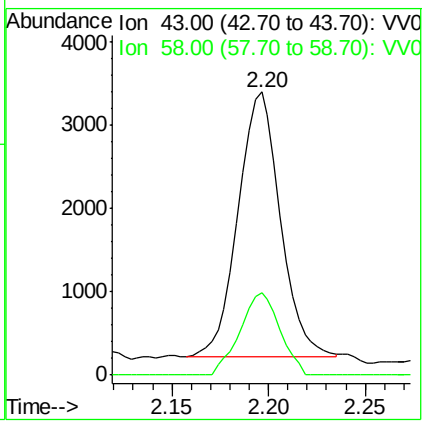


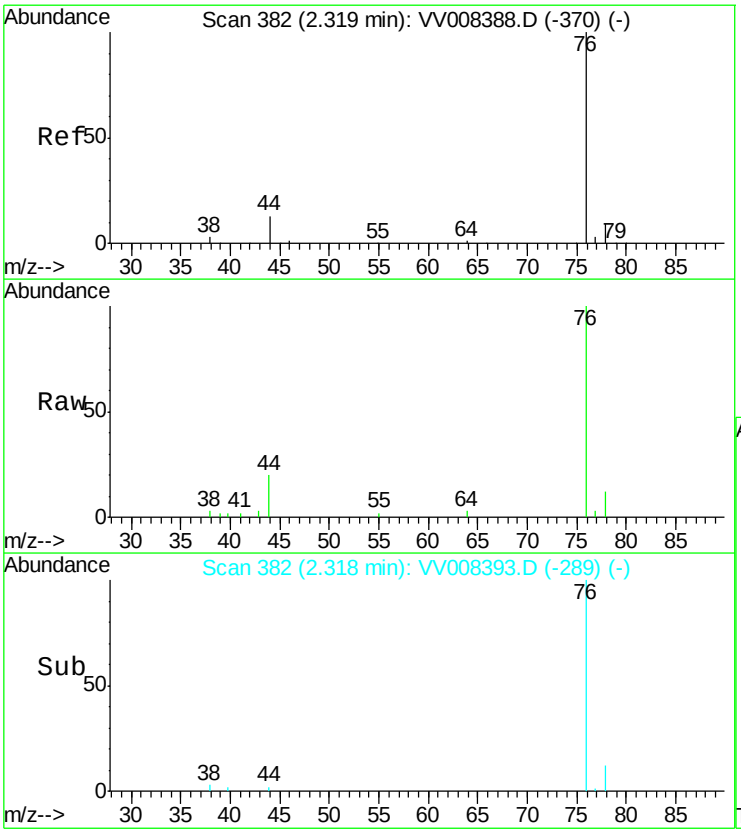
#13
Acetone
Concen: 5.395 ug/L
RT: 2.20 min Scan# 344
Delta R.T. 0.01 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 4841

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	61.4

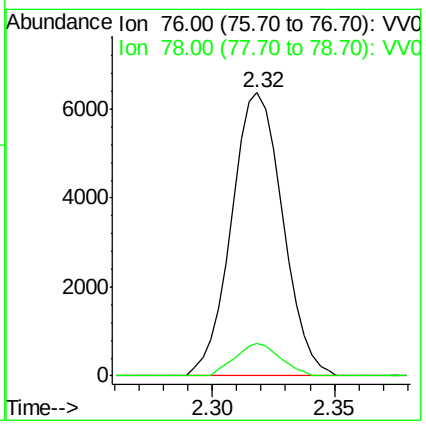


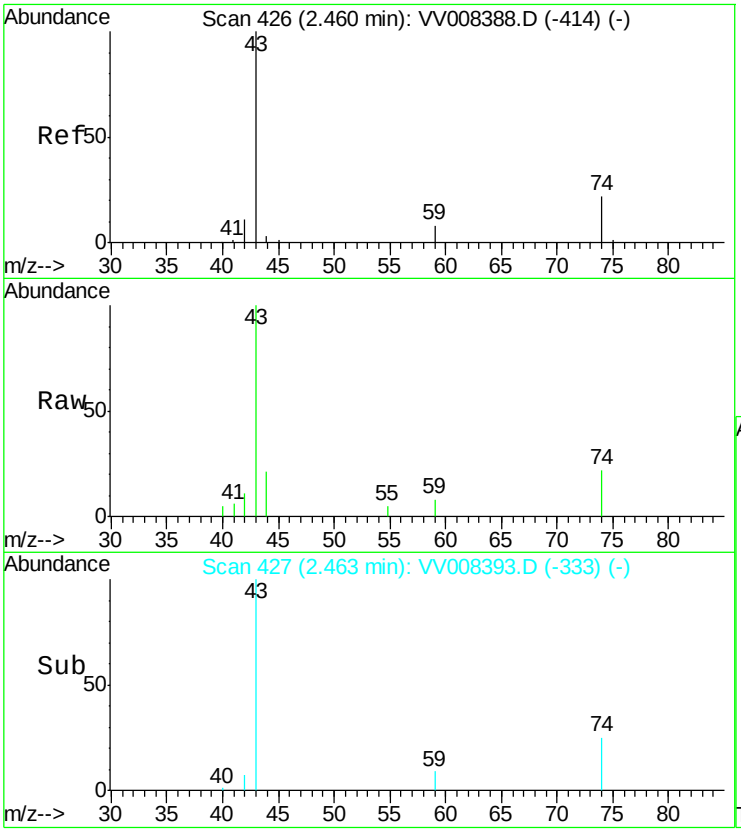


#14
Carbon disulfide
Concen: 2.390 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 76 Resp: 9280

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.3	10.9#



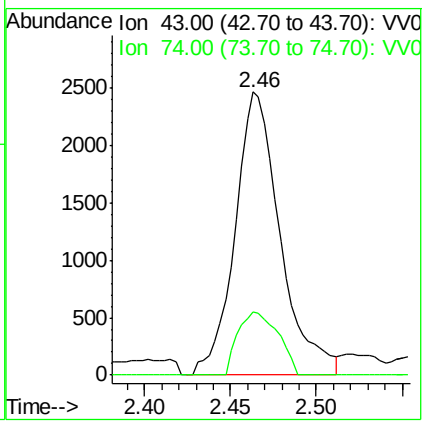


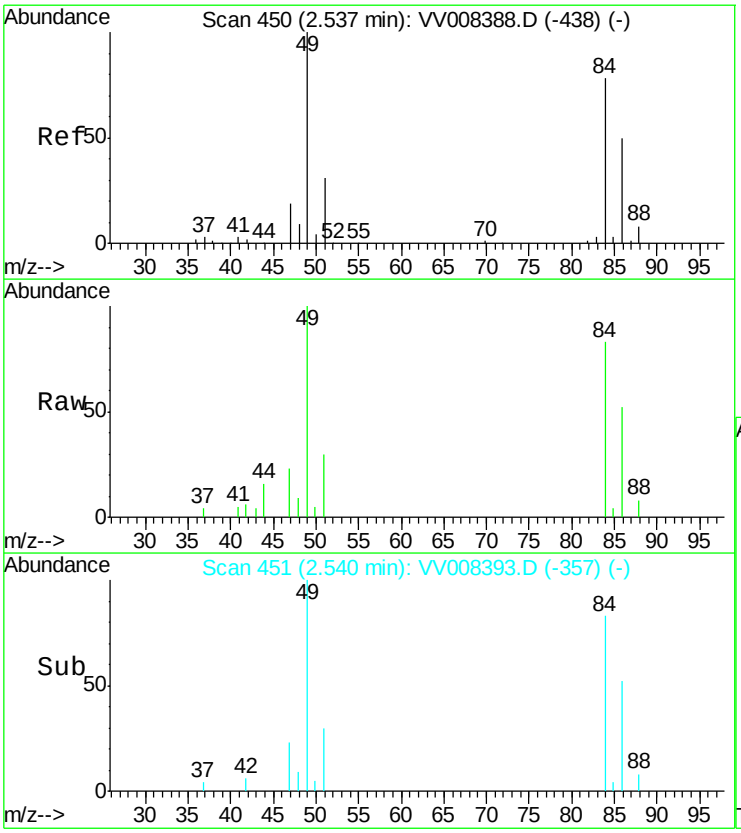
#15
Methyl Acetate
Concen: 2.525 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 4518

Ion	Ratio	Lower	Upper
43	100		
74	19.9	17.8	26.6

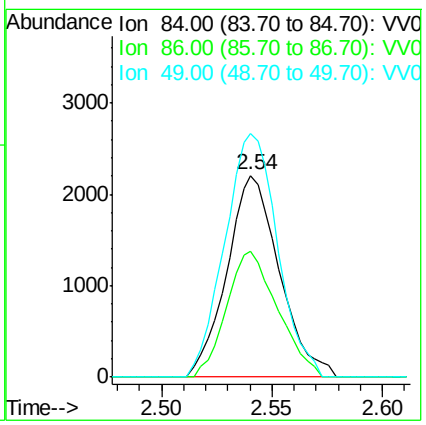


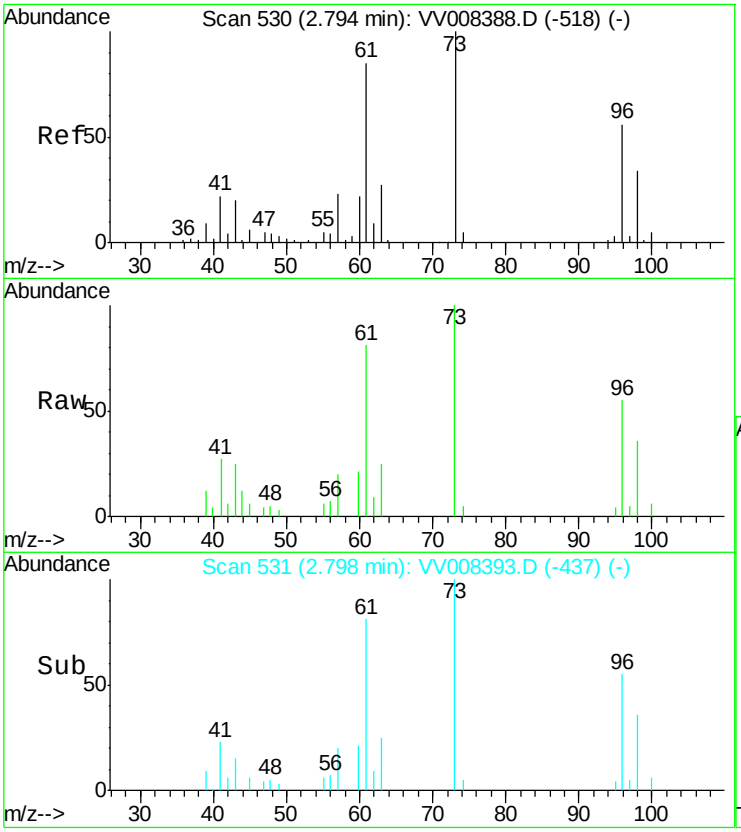


#16
Methylene chloride
Concen: 2.435 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 84 Resp: 3635

Ion	Ratio	Lower	Upper
84	100		
86	62.5	45.6	84.6
49	120.8	90.6	168.3



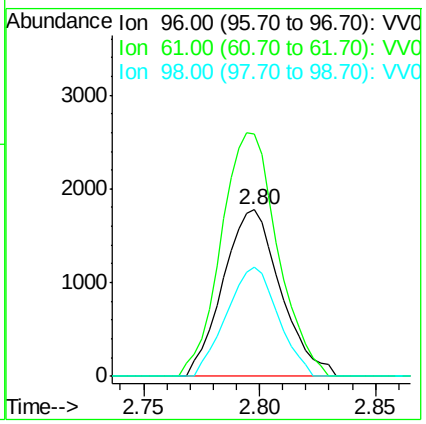


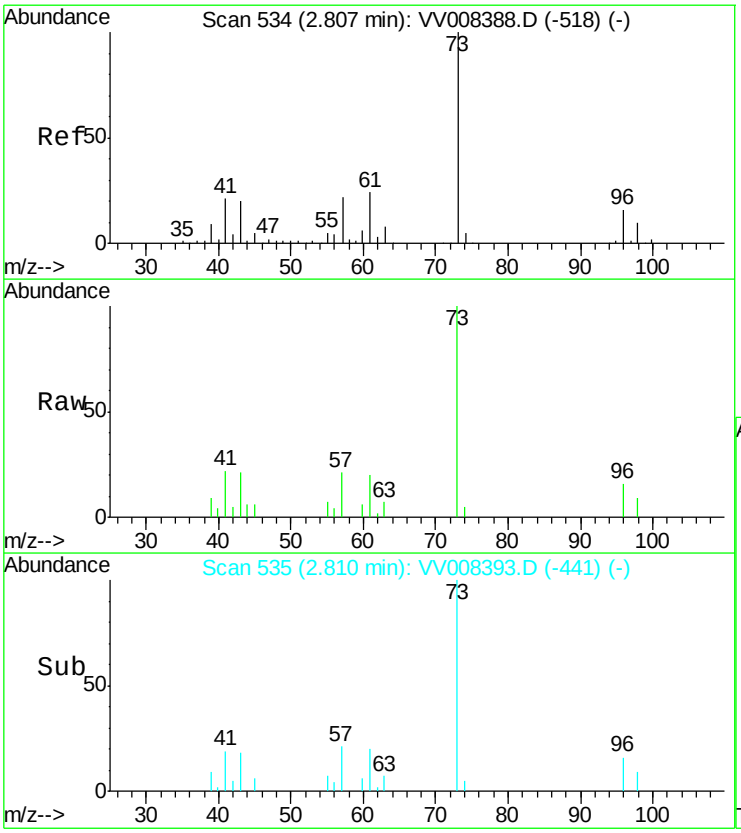
#17
trans-1,2-Dichloroethene
Concen: 2.327 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 96 Resp: 3058

Ion	Ratio	Lower	Upper
96	100		
61	145.9	108.6	201.6
98	65.9	44.3	82.3

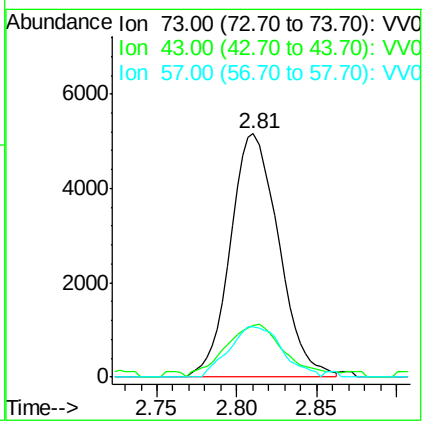


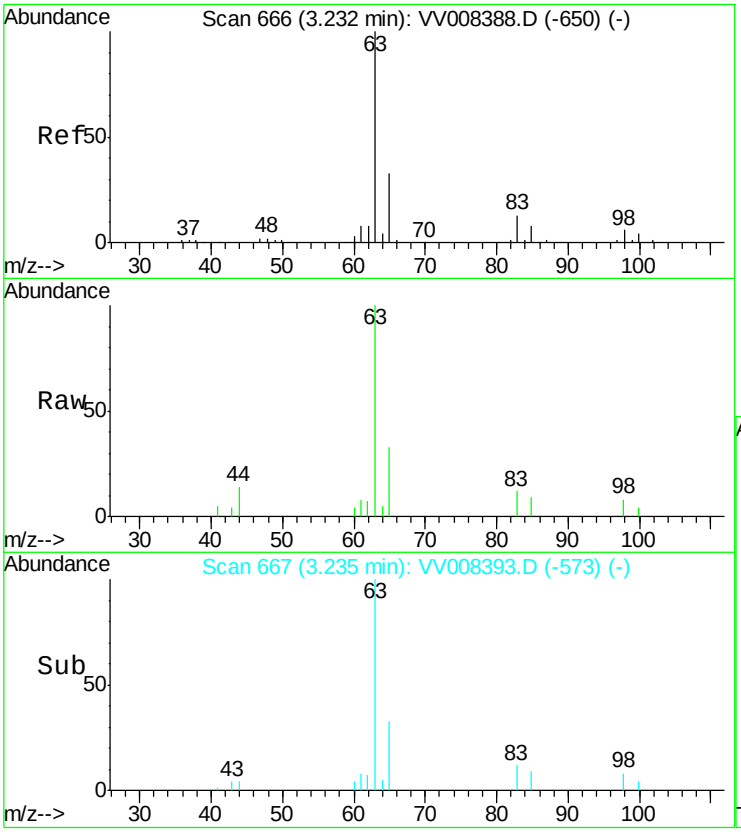


#18
Methyl tert-butyl Ether
Concen: 2.268 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 73 Resp: 10666

Ion	Ratio	Lower	Upper
73	100		
43	26.7	16.2	24.4#
57	22.7	18.2	27.2



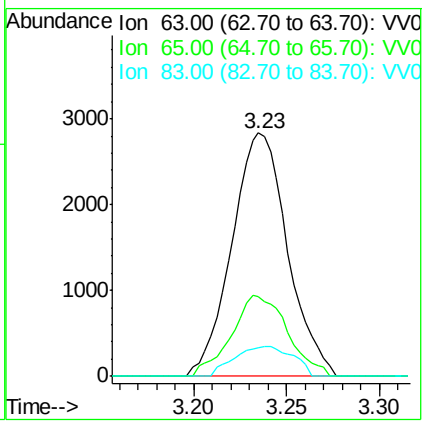


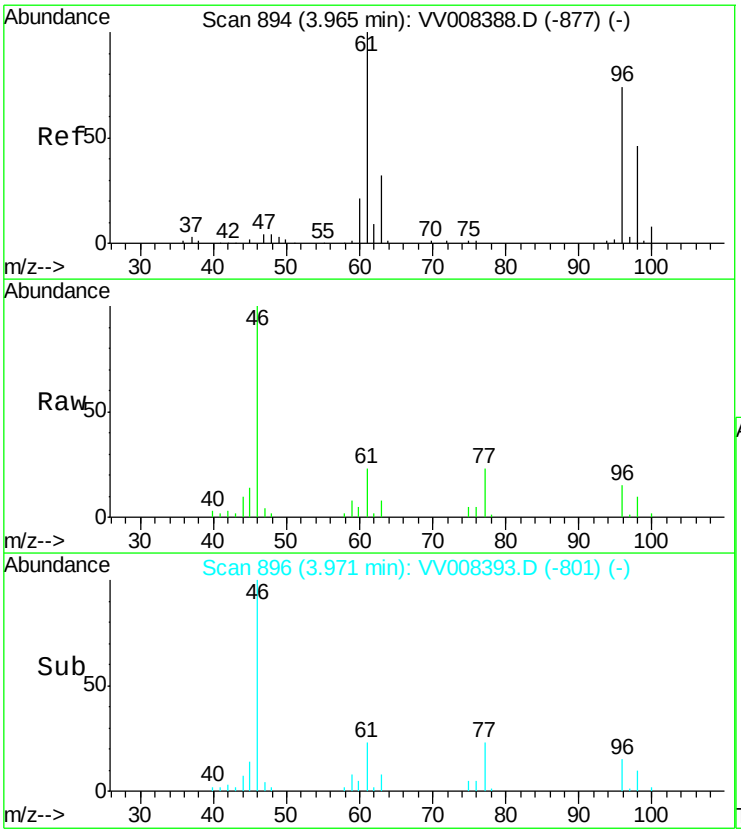
#19
1,1-Dichloroethane
Concen: 2.183 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 5917

Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.0	40.8
83	12.0	9.3	17.3

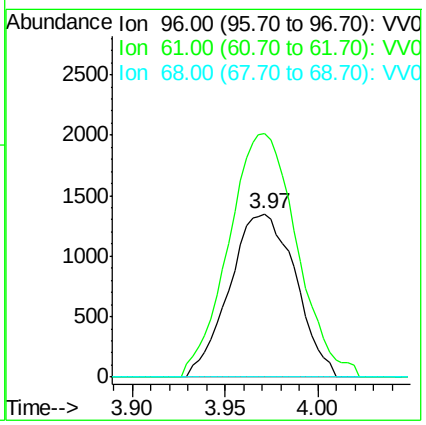


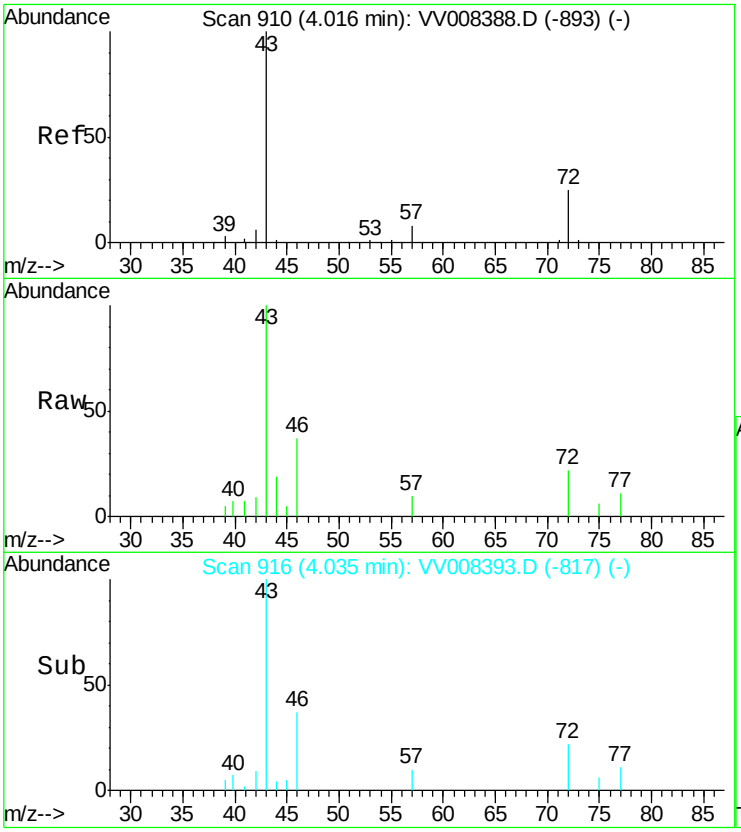


#20
cis-1,2-Dichloroethene
Concen: 2.228 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 96 Resp: 3336

Ion	Ratio	Lower	Upper
96	100		
61	149.2	100.9	187.5
68	0.0	0.0	0.0



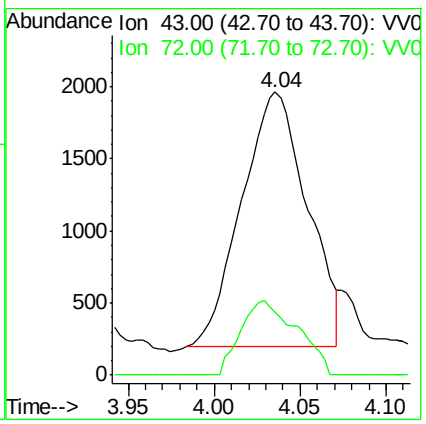


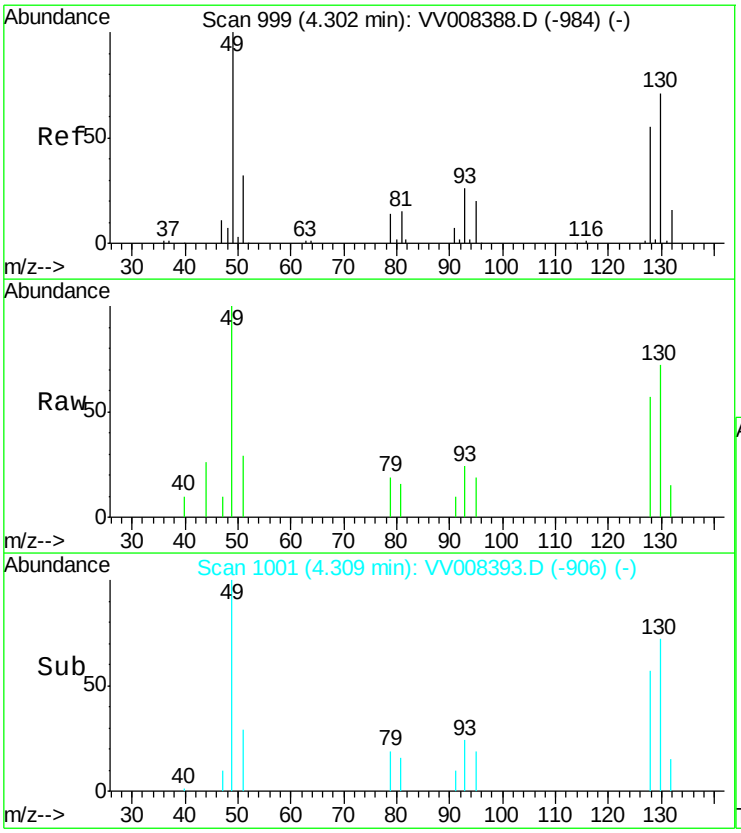
#22
2-Butanone
Concen: 3.603 ug/L
RT: 4.04 min Scan# 916
Delta R.T. 0.02 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 4670

Ion	Ratio	Lower	Upper
43	100		
72	25.3	13.0	38.9

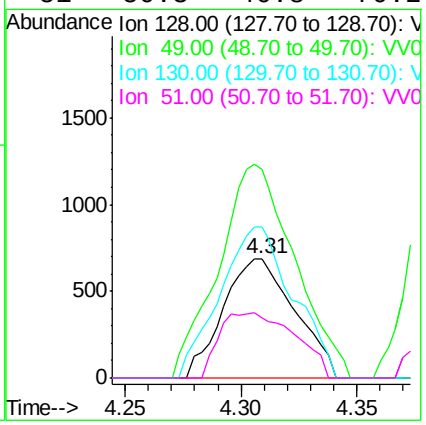


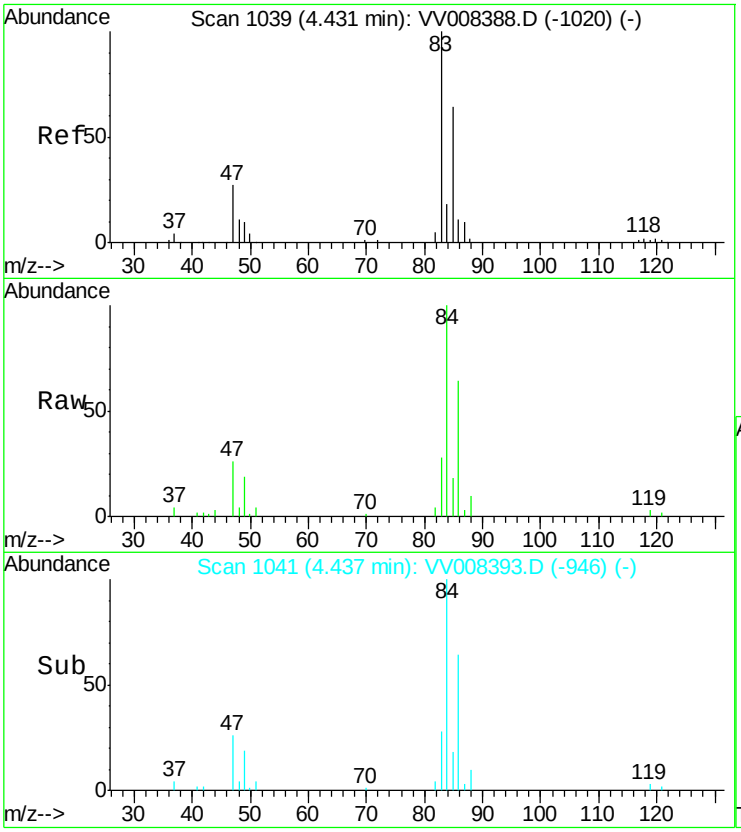


#23
Bromochloromethane
Concen: 2.091 ug/L
RT: 4.31 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:128 Resp: 1476

Ion	Ratio	Lower	Upper
128	100		
49	174.8	128.0	237.8
130	126.2	89.2	165.8
51	50.3	46.8	70.2



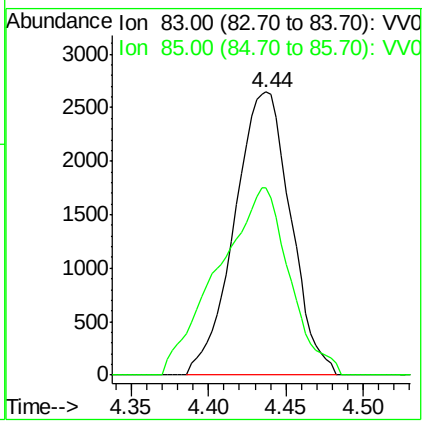


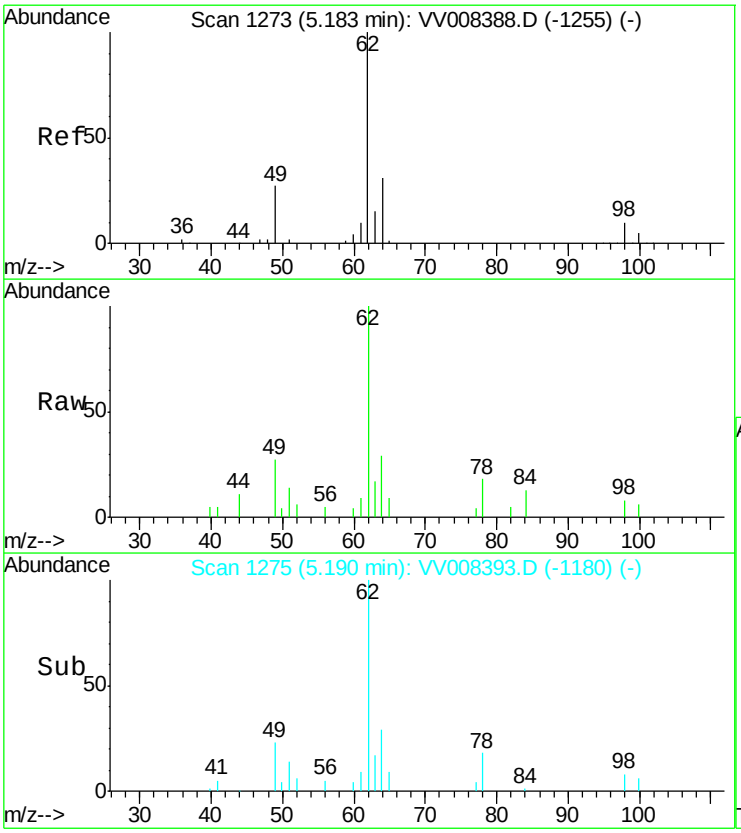
#25
Chloroform
Concen: 2.529 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 6691

Ion	Ratio	Lower	Upper
83	100		
85	66.3	45.8	85.2

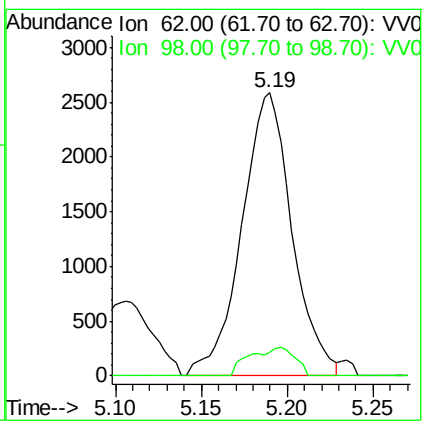


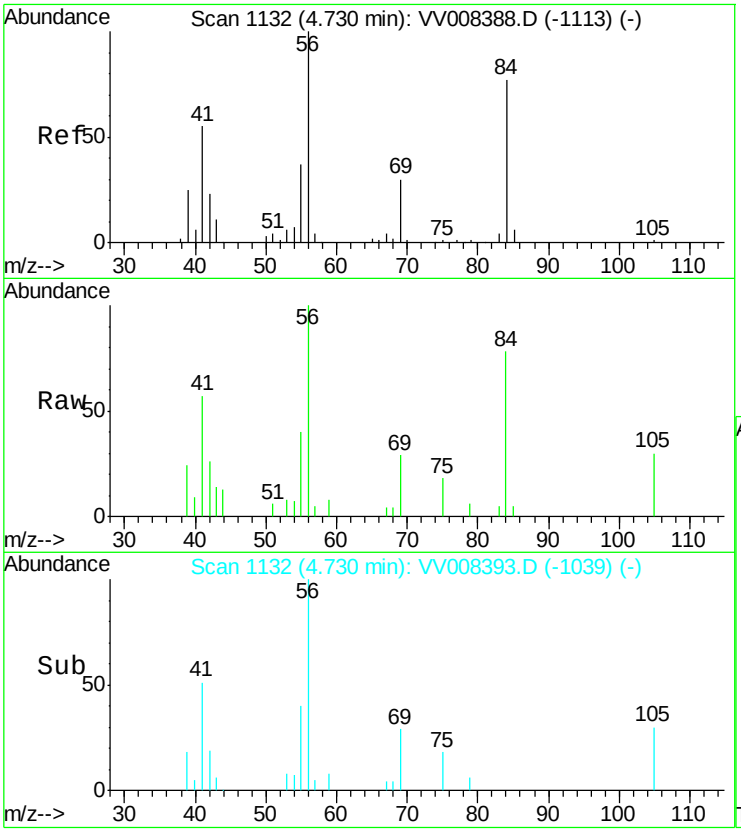


#27
1,2-Dichloroethane
Concen: 2.378 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 62 Resp: 5256

Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.6	9.8



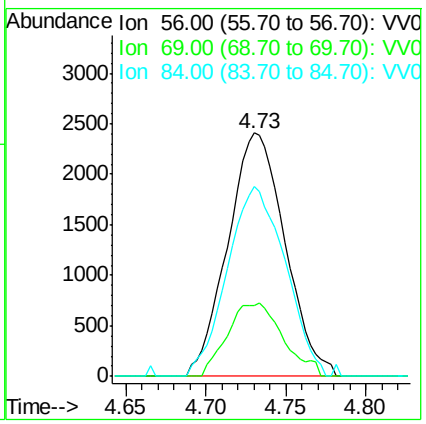


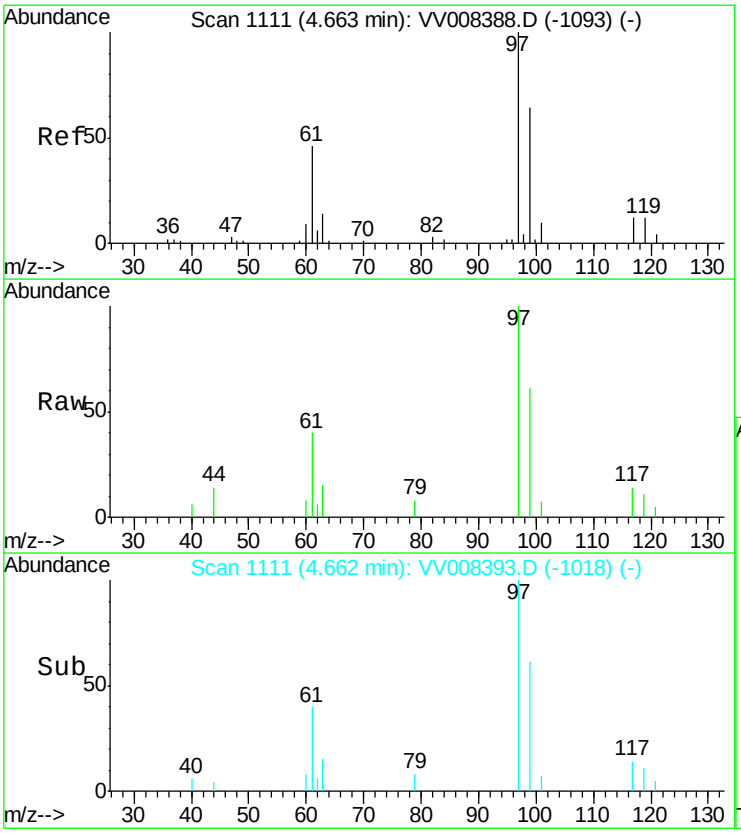
#29
Cyclohexane
Concen: 2.339 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 56 Resp: 5908

Ion	Ratio	Lower	Upper
56	100		
69	12.5	24.6	37.0#
84	79.1	65.0	97.4

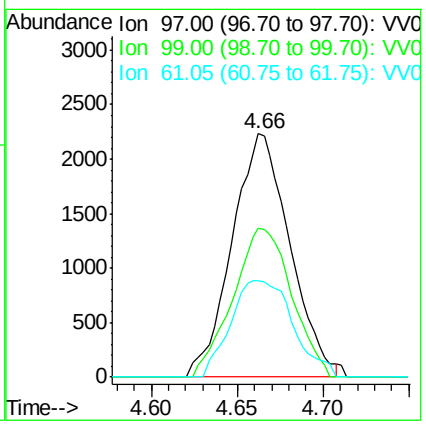


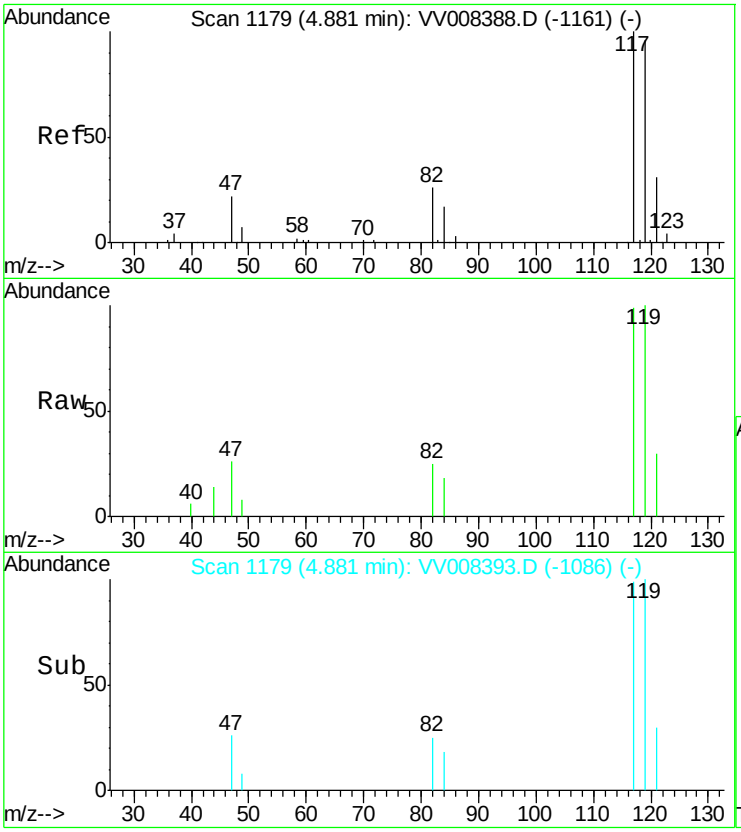


#30
1,1,1-Trichloroethane
Concen: 2.319 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 97 Resp: 5218

Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.6	77.4
61	42.7	36.5	54.7



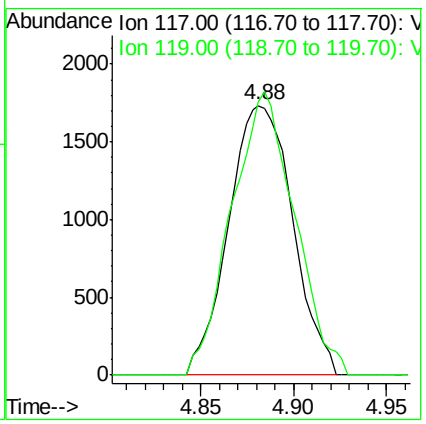


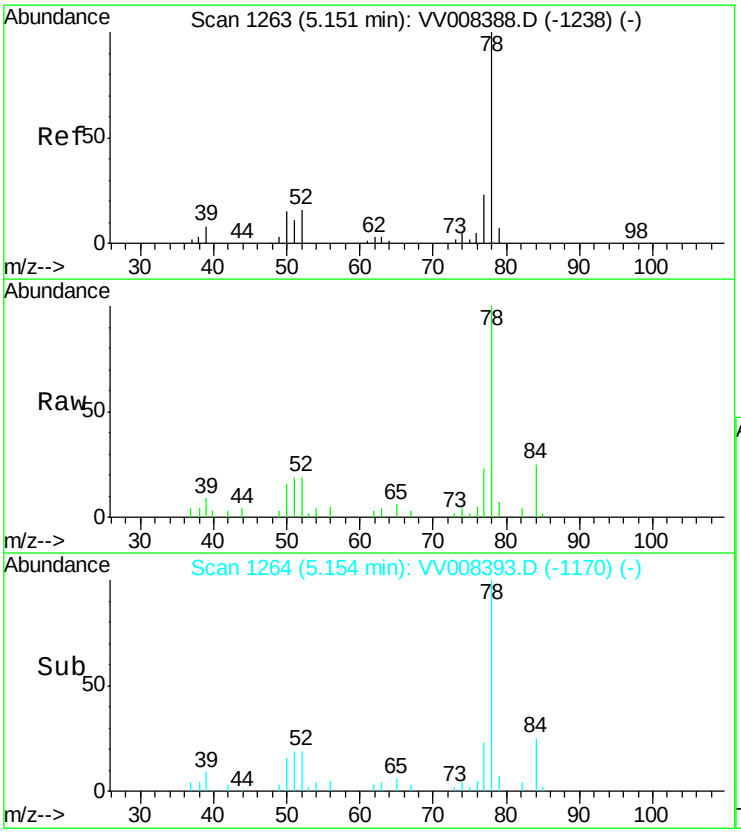
#31
Carbon tetrachloride
Concen: 2.187 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:117 Resp: 4176

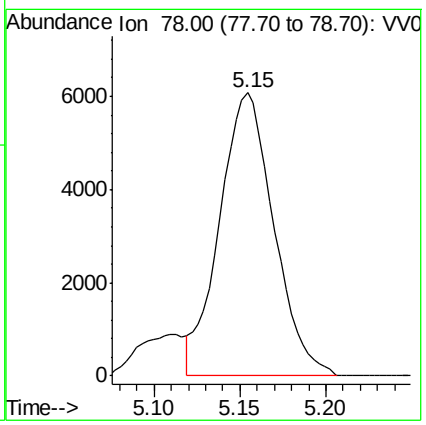
Ion	Ratio	Lower	Upper
117	100		
119	103.5	75.8	113.8

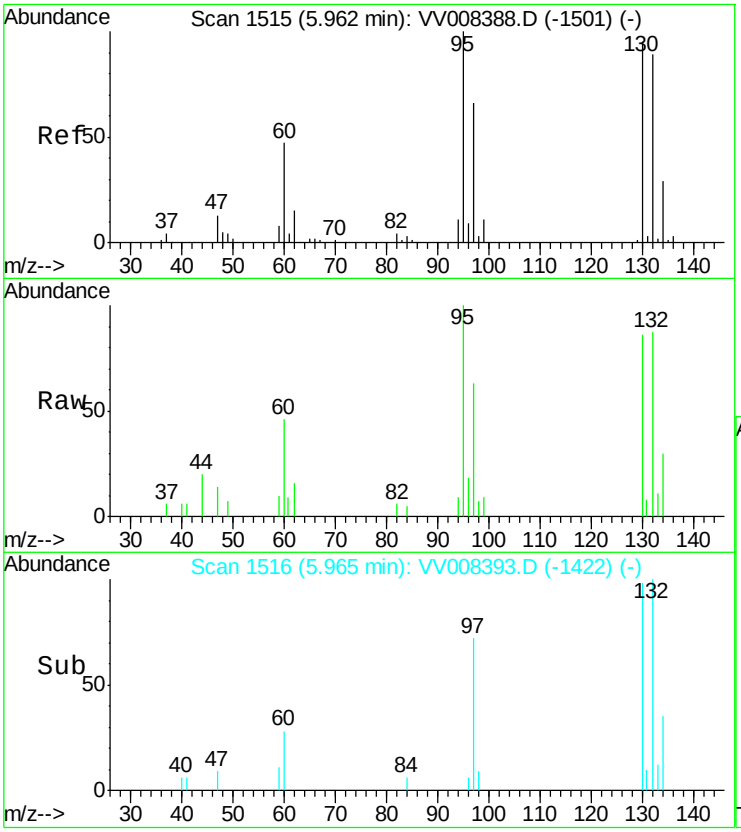




#33
Benzene
Concen: 2.348 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 78 Resp: 13315



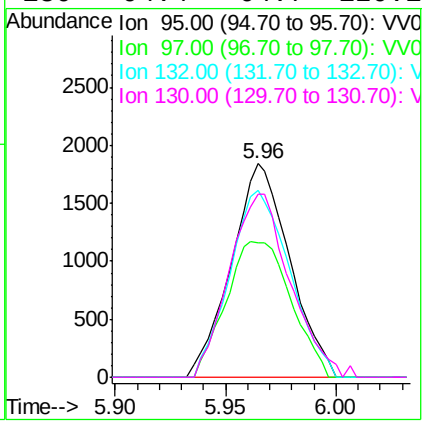


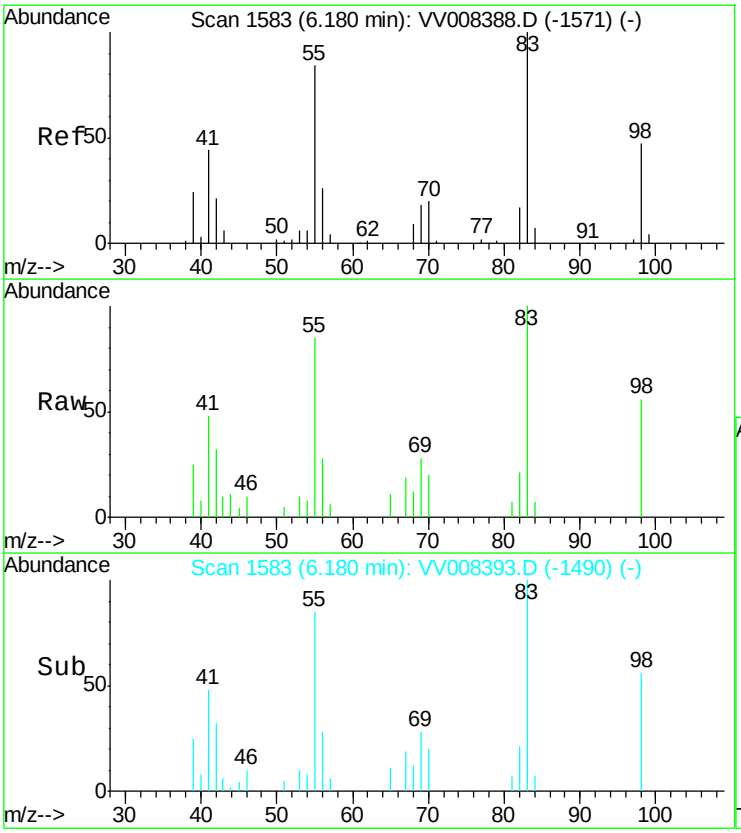
#34
Trichloroethene
Concen: 2.330 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 95 Resp: 3383

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.2	84.0
132	87.3	63.8	118.6
130	94.4	64.7	120.1

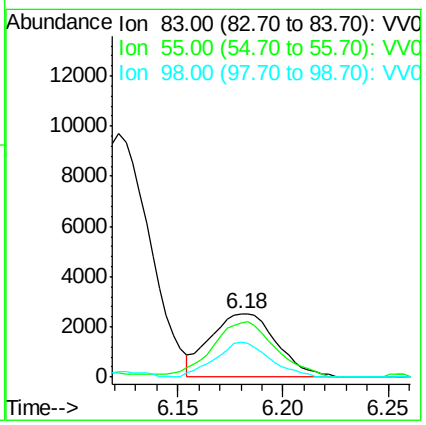


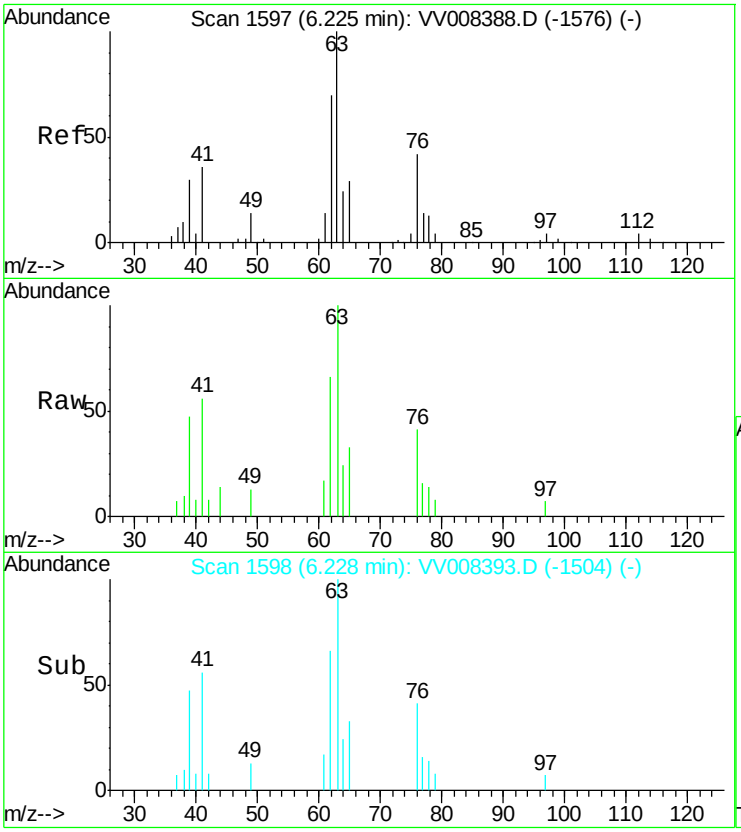


#35
Methylcyclohexane
Concen: 2.253 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 83 Resp: 5562

Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.0	97.4
98	45.1	36.0	54.0



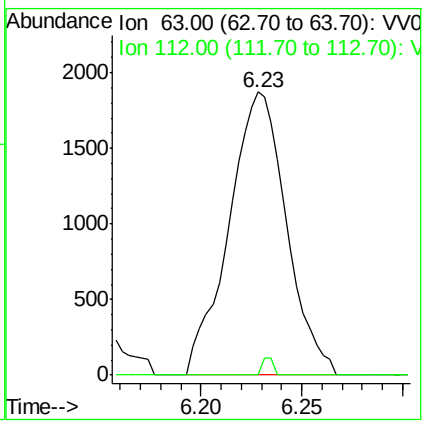


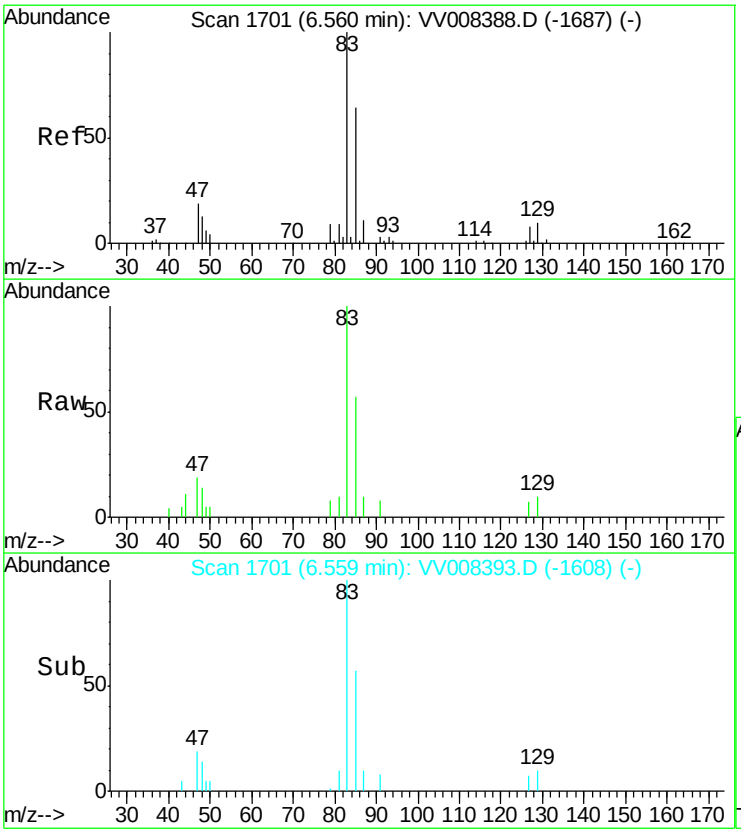
#37
1,2-Dichloropropane
Concen: 2.379 ug/L
RT: 6.23 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 3727

Ion	Ratio	Lower	Upper
63	100		
112	1.2	2.9	4.3#

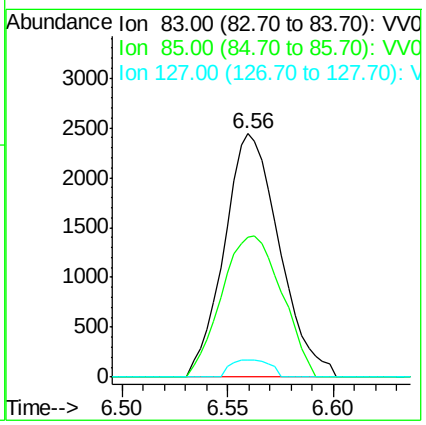


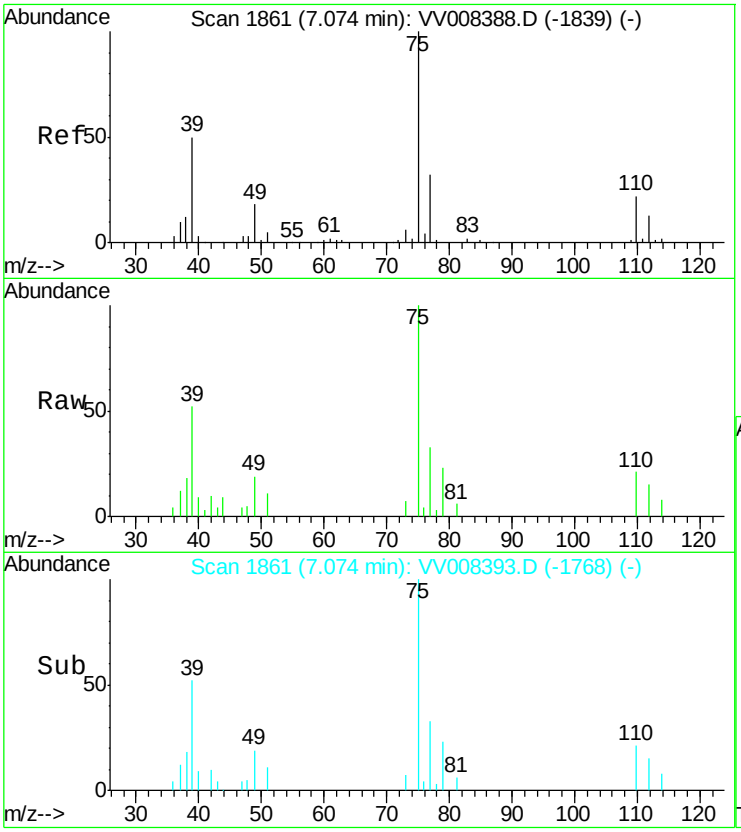


#38
Bromodichloromethane
Concen: 2.215 ug/L
RT: 6.56 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 83 Resp: 4422

Ion	Ratio	Lower	Upper
83	100		
85	57.5	44.3	82.3
127	6.9	6.3	9.5



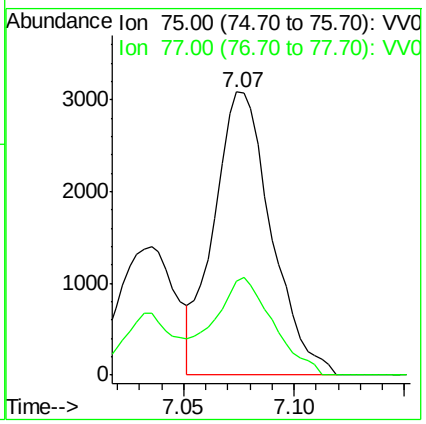


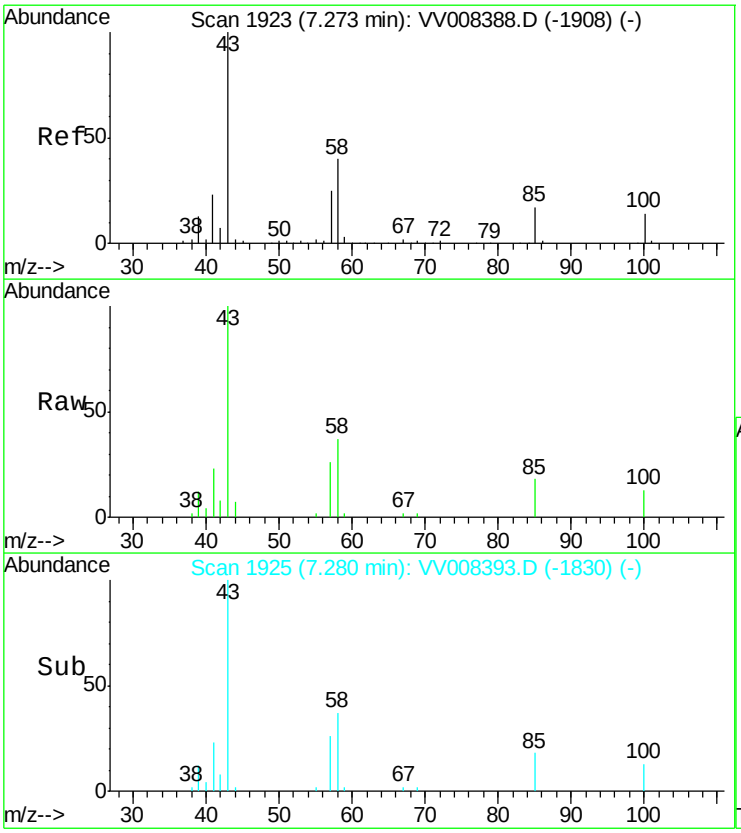
#39
cis-1,3-Dichloropropene
Concen: 2.267 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 5582

Ion	Ratio	Lower	Upper
75	100		
77	33.4	22.6	42.0

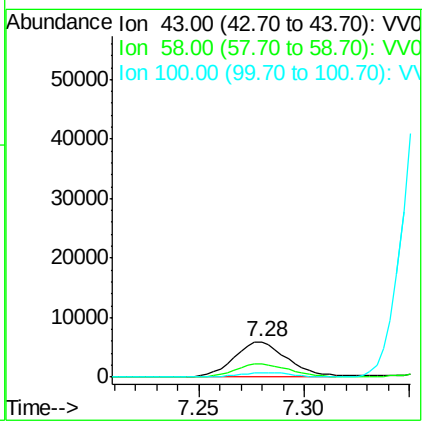


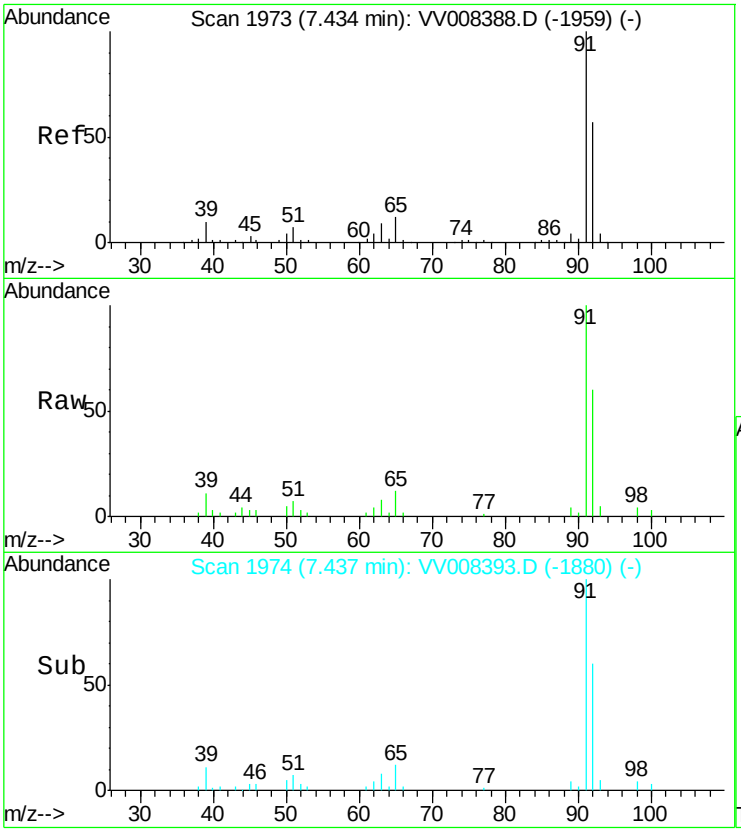


#40
4-Methyl-2-pentanone
Concen: 4.472 ug/L
RT: 7.28 min Scan# 1925
Delta R.T. 0.01 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 43 Resp: 10373

Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.9	46.3
100	12.6	10.9	16.3



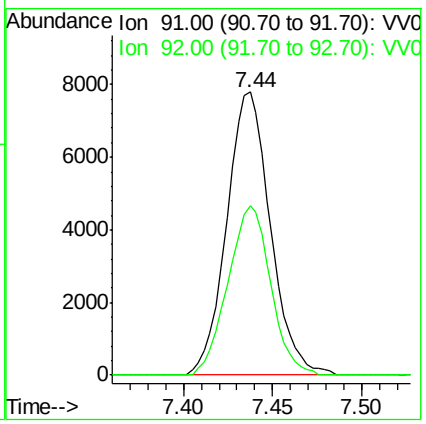


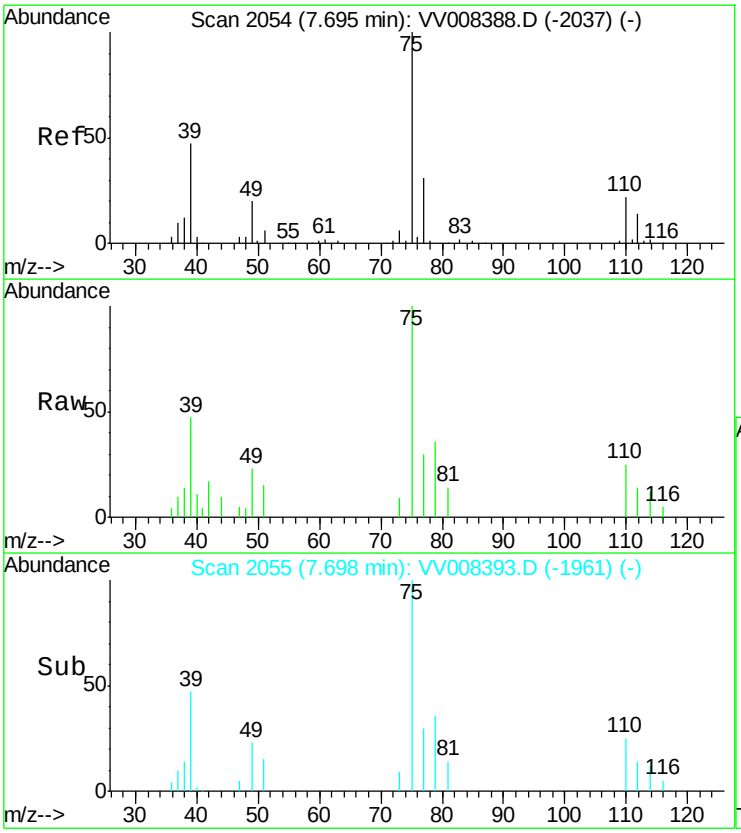
#42
Toluene
Concen: 2.252 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 13265

Ion	Ratio	Lower	Upper
91	100		
92	59.8	39.5	73.4

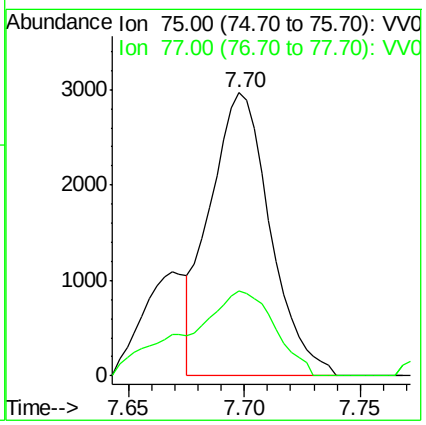


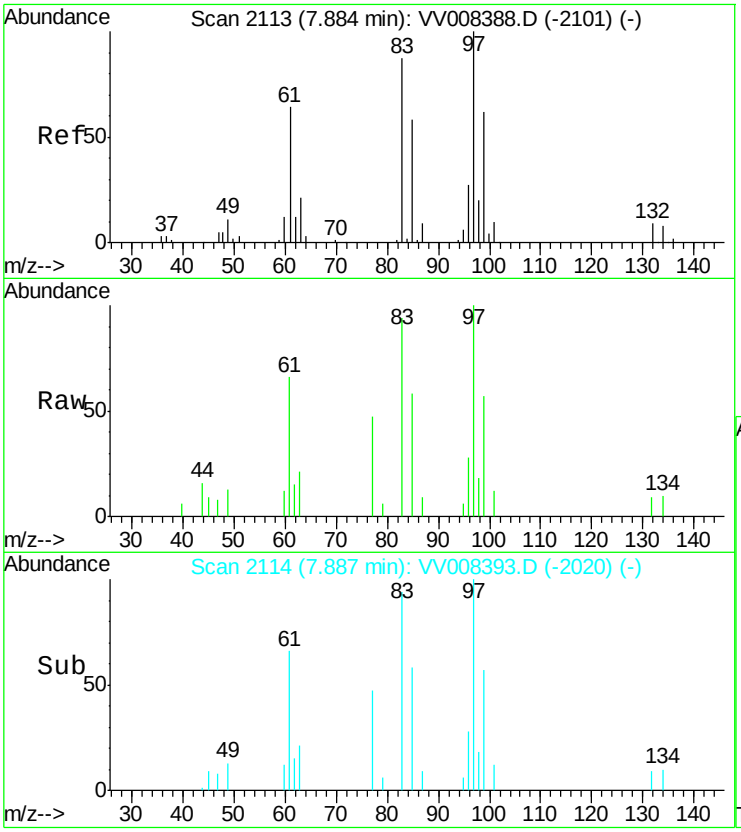


#44
trans-1,3-Dichloropropene
Concen: 2.325 ug/L
RT: 7.70 min Scan# 2055
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 75 Resp: 5356

Ion	Ratio	Lower	Upper
75	100		
77	29.9	21.8	40.4



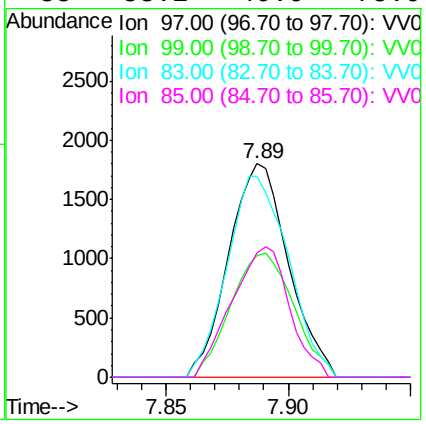


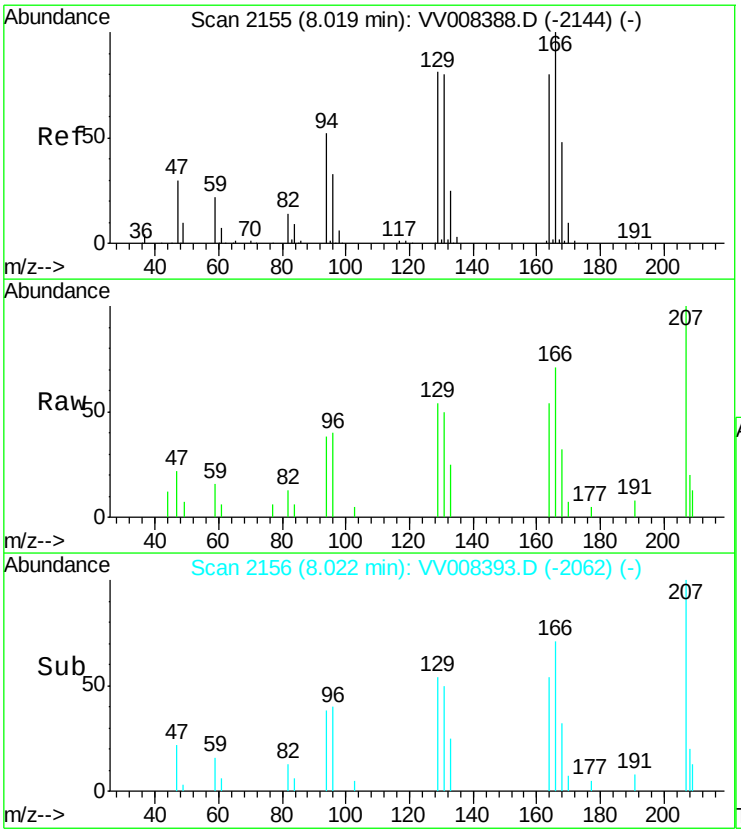
#45
1,1,2-Trichloroethane
Concen: 2.209 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 97 Resp: 3060

Ion	Ratio	Lower	Upper
97	100		
99	57.1	43.3	80.3
83	94.2	61.9	114.9
85	58.2	40.9	75.9

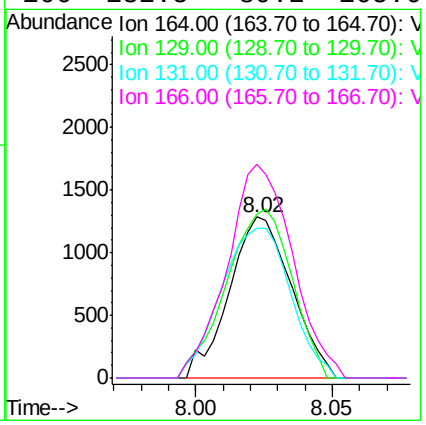


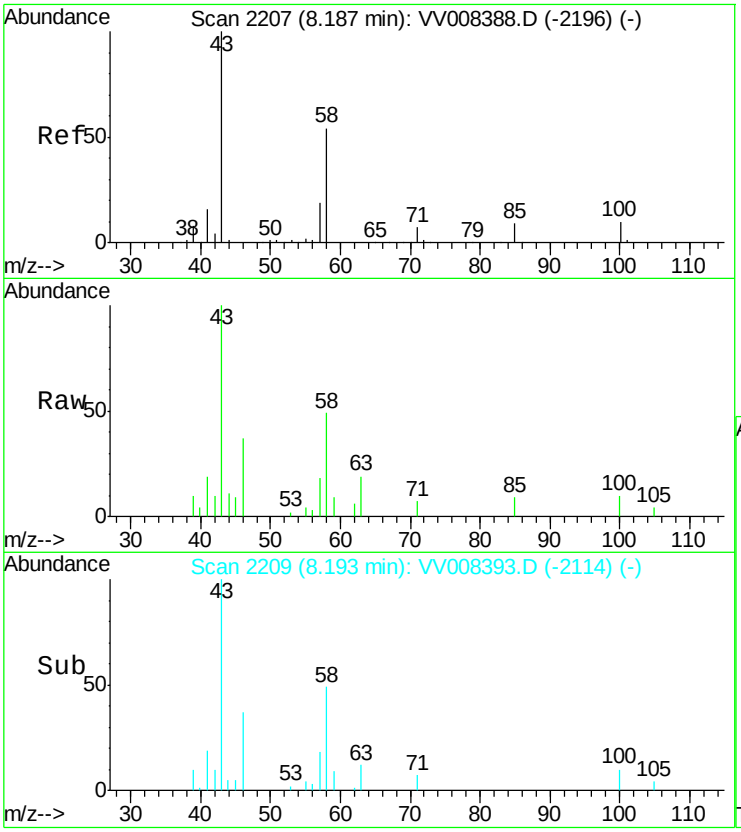


#46
Tetrachloroethene
Concen: 2.151 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:164 Resp: 2036

Ion	Ratio	Lower	Upper
164	100		
129	101.4	75.0	139.2
131	92.6	71.3	132.3
166	132.5	89.2	165.6



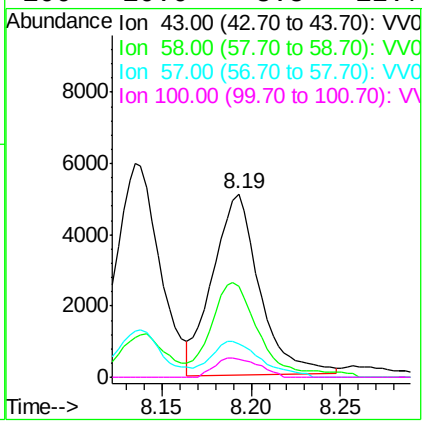


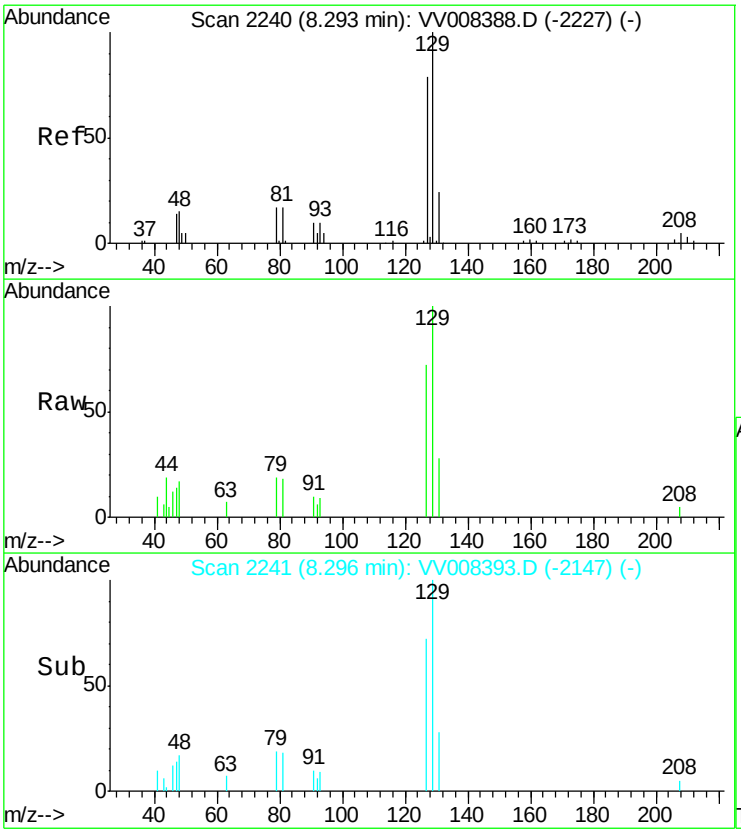
#48
2-Hexanone
Concen: 5.191 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion: 43 Resp: 9290

Ion	Ratio	Lower	Upper
43	100		
58	46.0	42.6	63.8
57	21.3	14.8	22.2
100	10.0	8.5	12.7

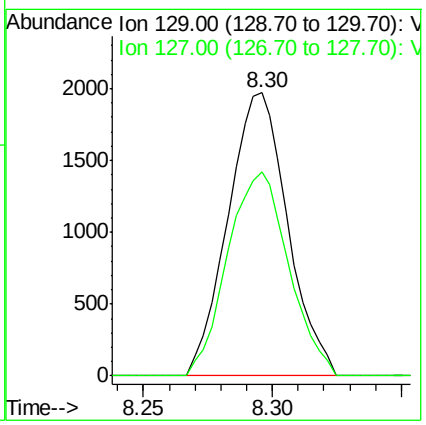


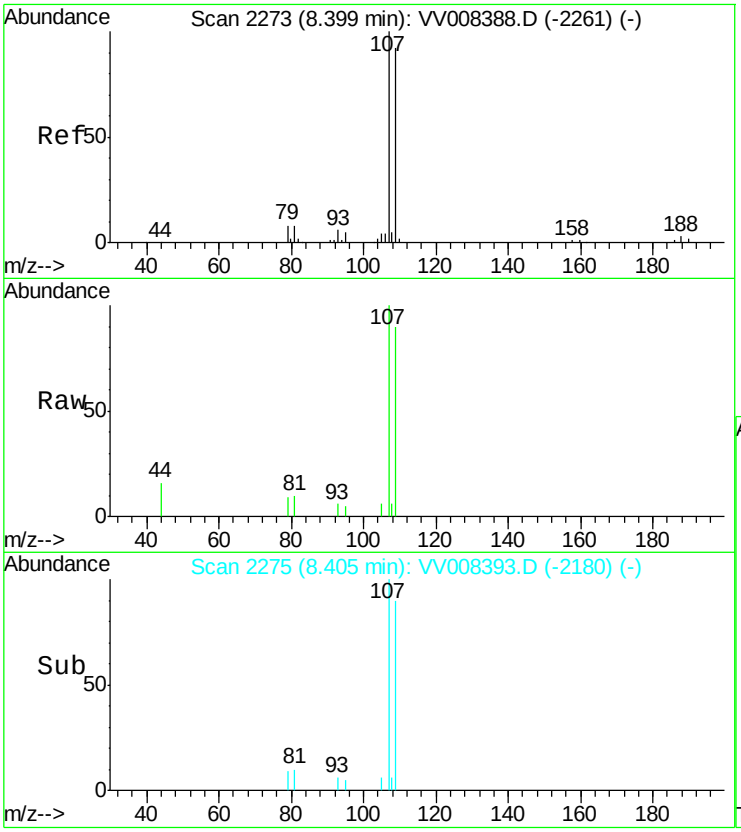


#49
Dibromochloromethane
Concen: 2.139 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:129 Resp: 3183

Ion	Ratio	Lower	Upper
129	100		
127	72.2	54.9	101.9



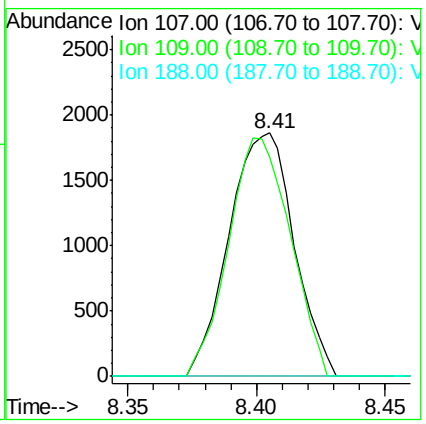


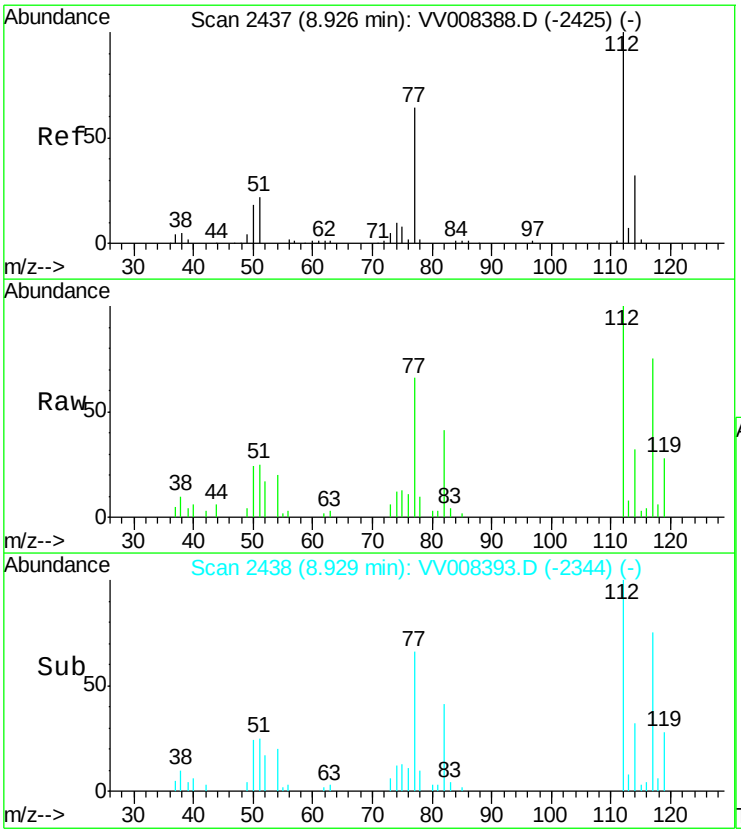
#50
1,2-Dibromoethane
Concen: 2.256 ug/L
RT: 8.41 min Scan# 2275
Delta R.T. 0.01 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:107 Resp: 3277

Ion	Ratio	Lower	Upper
107	100		
109	89.9	65.2	121.2
188	0.0	2.3	3.5#

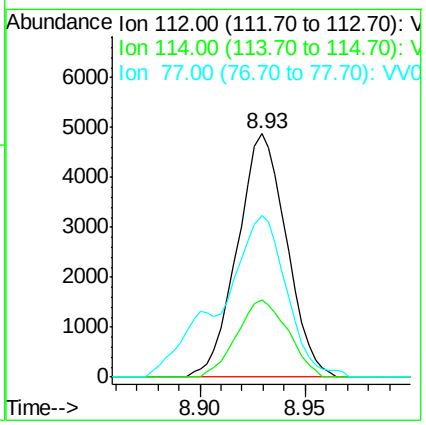


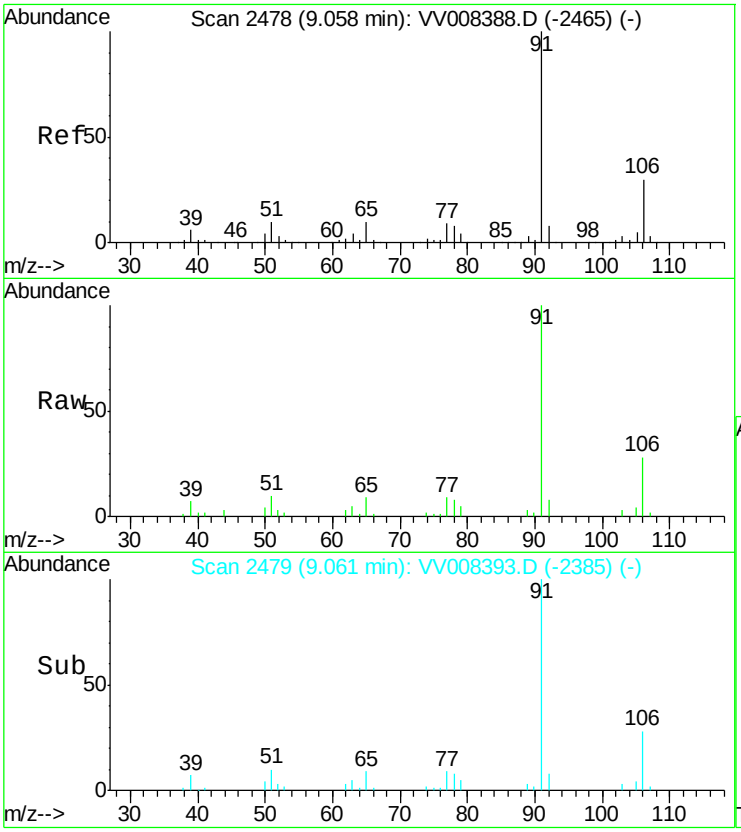


#51
Chlorobenzene
Concen: 2.178 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:112 Resp: 7901

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.5	41.7
77	66.5	52.0	78.0



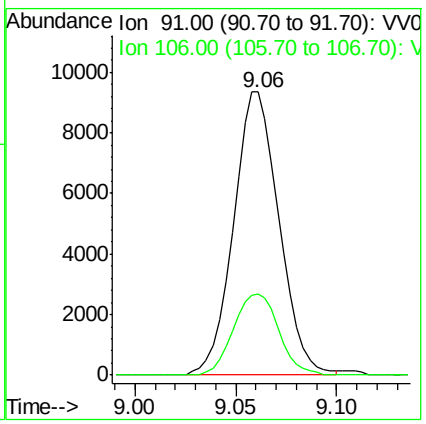


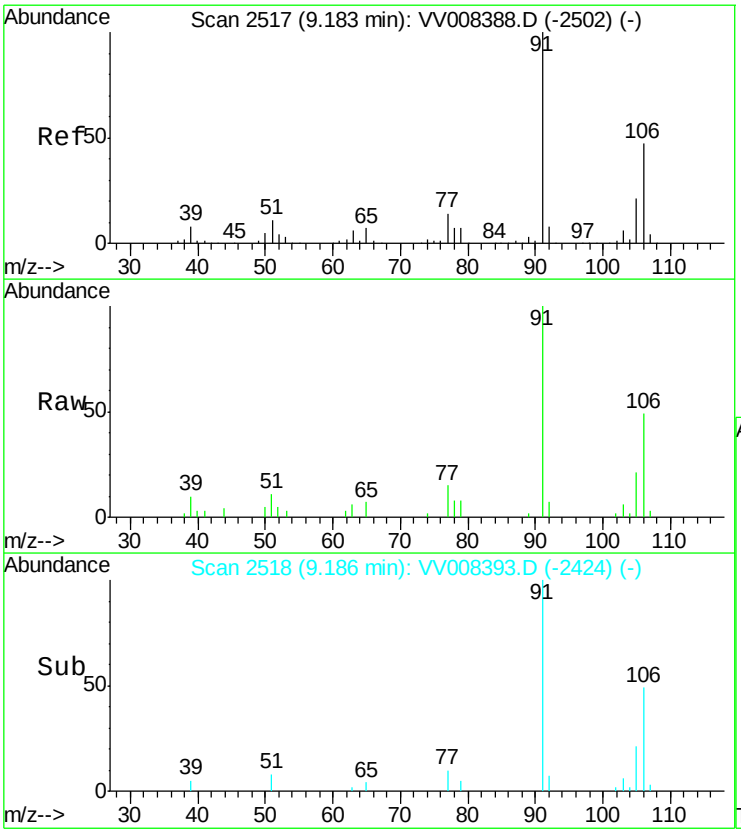
#52
Ethylbenzene
Concen: 2.242 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion: 91 Resp: 14793

Ion	Ratio	Lower	Upper
91	100		
106	28.5	21.3	39.5

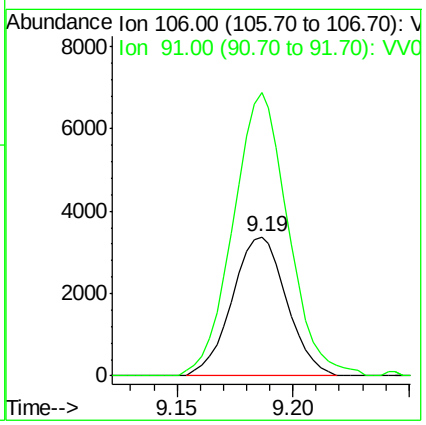


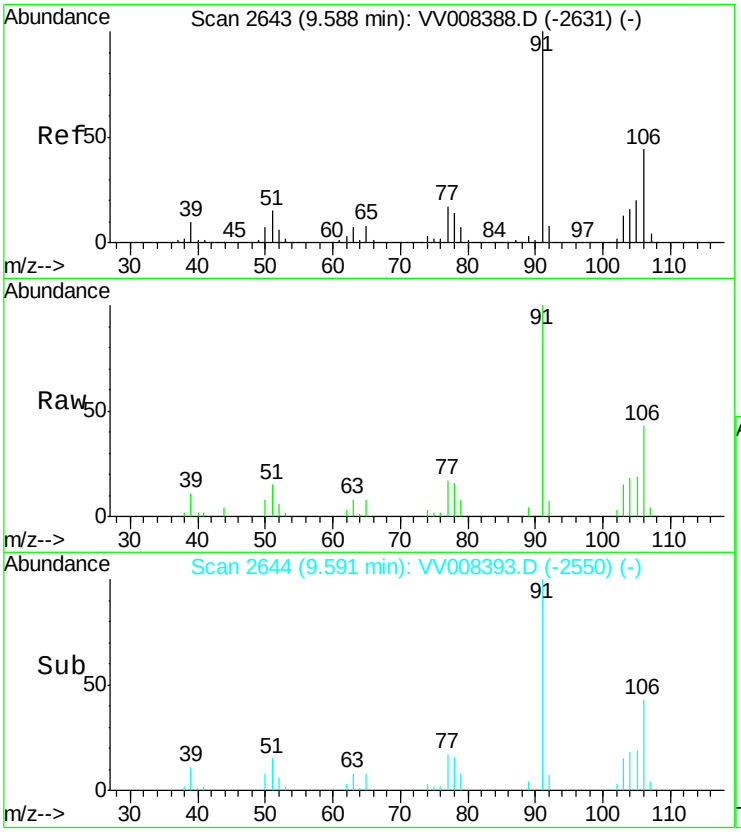


#53
m,p-Xylene
Concen: 2.285 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:106 Resp: 5509

Ion	Ratio	Lower	Upper
106	100		
91	204.1	150.0	278.6



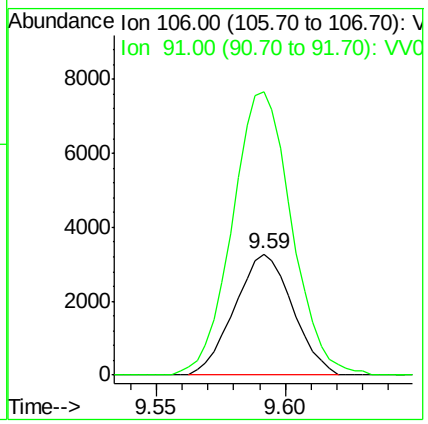


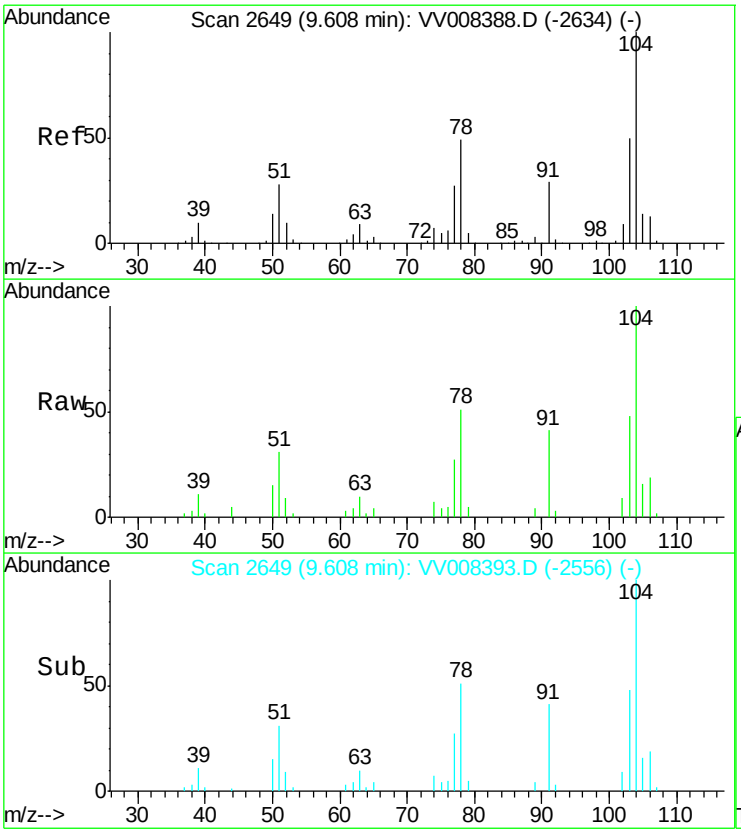
#54
o-xylene
Concen: 2.127 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 5121

Ion	Ratio	Lower	Upper
106	100		
91	234.3	158.7	294.7

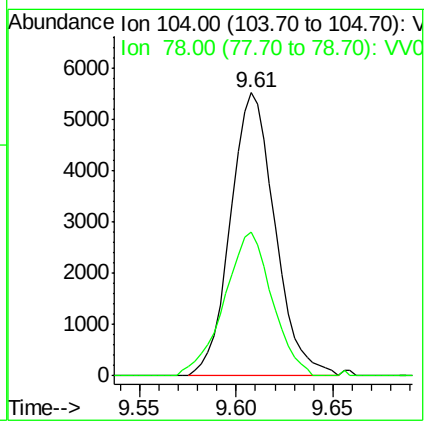


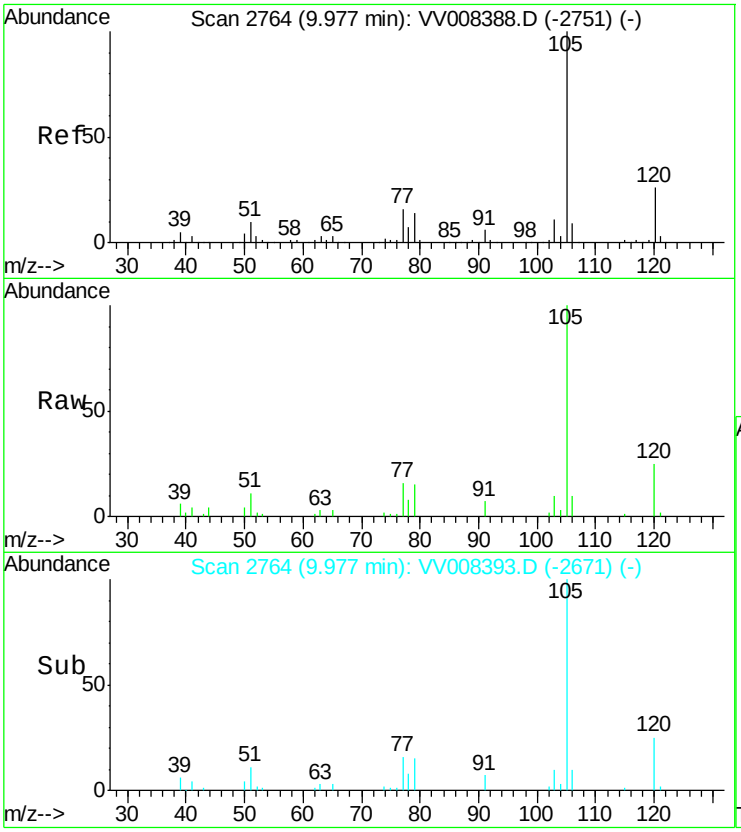


#55
Styrene
Concen: 2.176 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:104 Resp: 8826

Ion	Ratio	Lower	Upper
104	100		
78	50.8	34.4	64.0



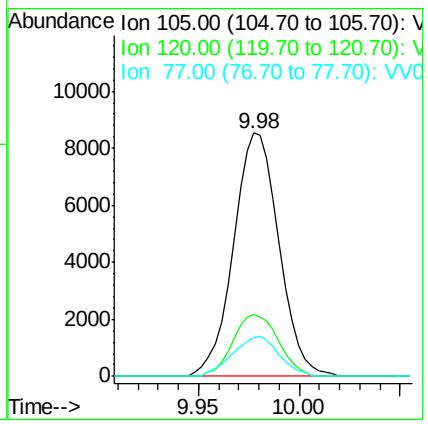


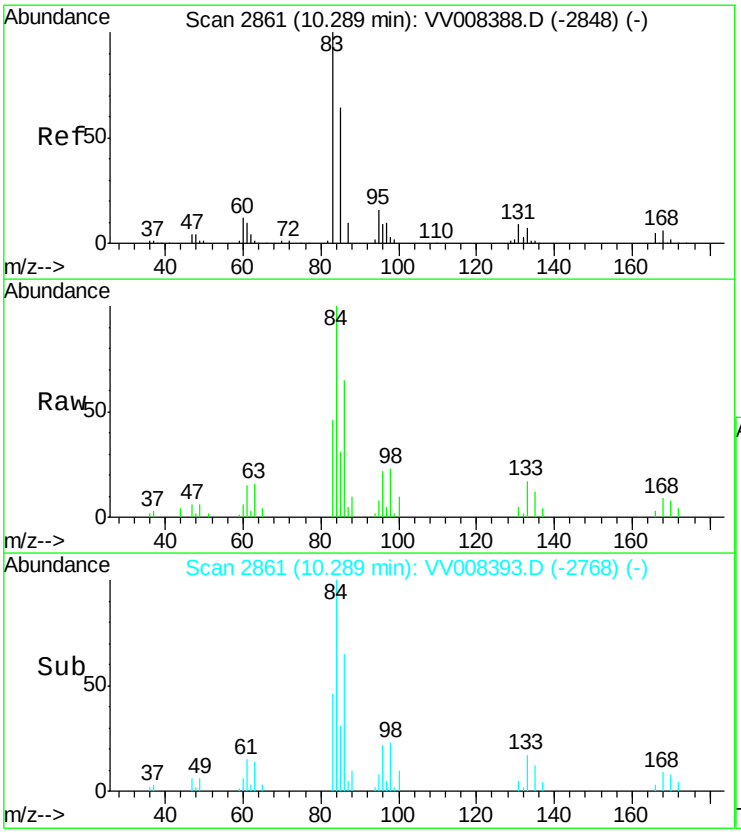
#56
Isopropylbenzene
Concen: 2.140 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 13480

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.7	31.1
77	16.6	13.5	20.3

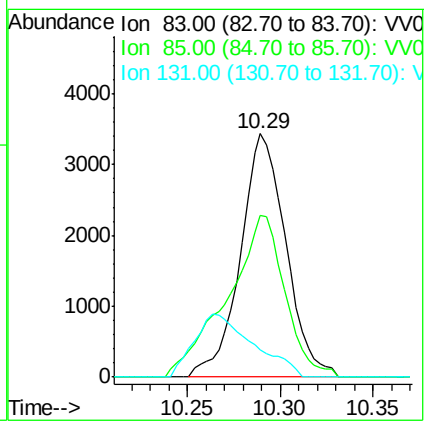


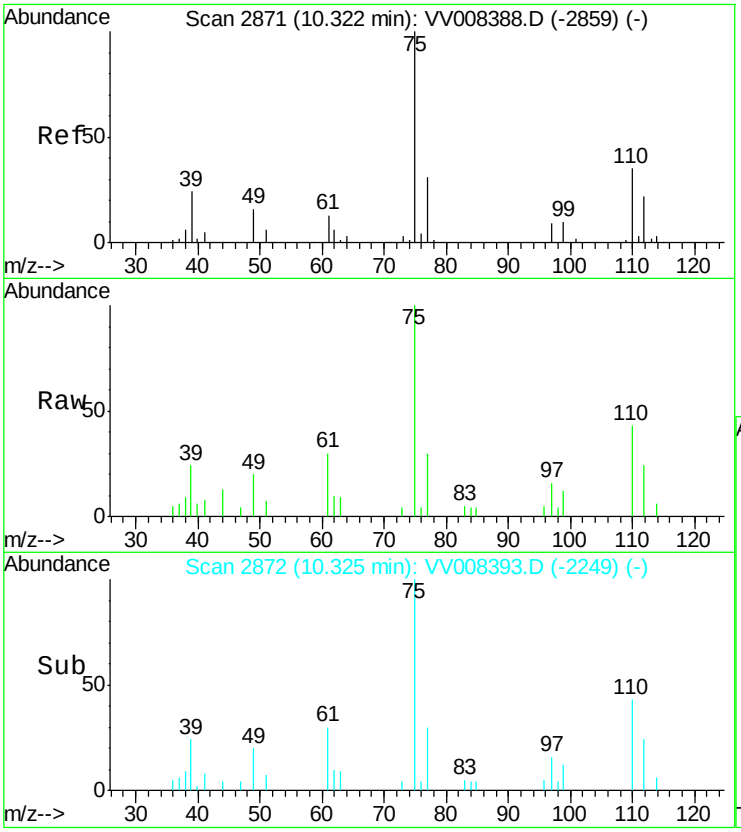


#58
1,1,2,2-Tetrachloroethane
Concen: 2.404 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 83 Resp: 5830

Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.8	85.2
131	11.4	7.3	10.9#



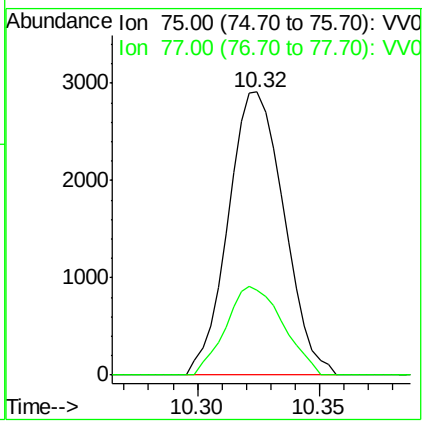


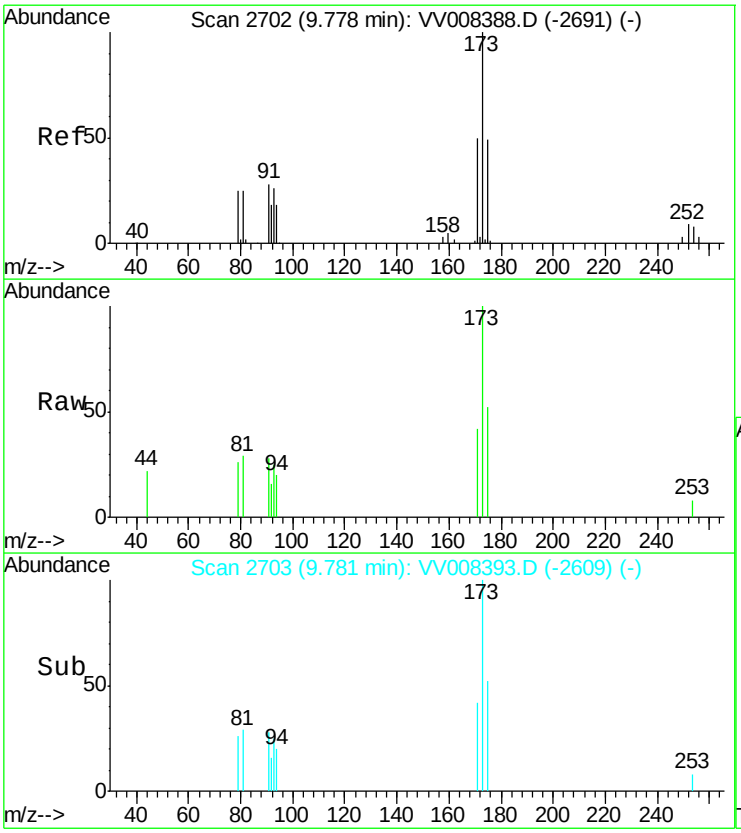
#59
1,2,3-Trichloropropane
Concen: 2.361 ug/L
RT: 10.32 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 4634

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8

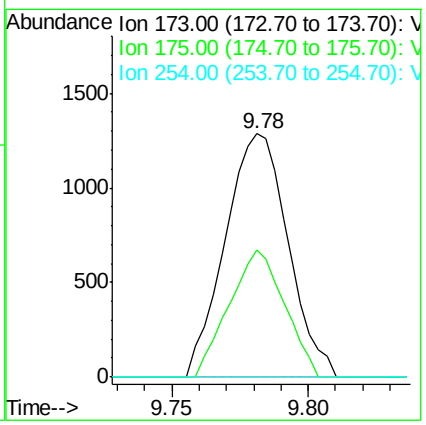


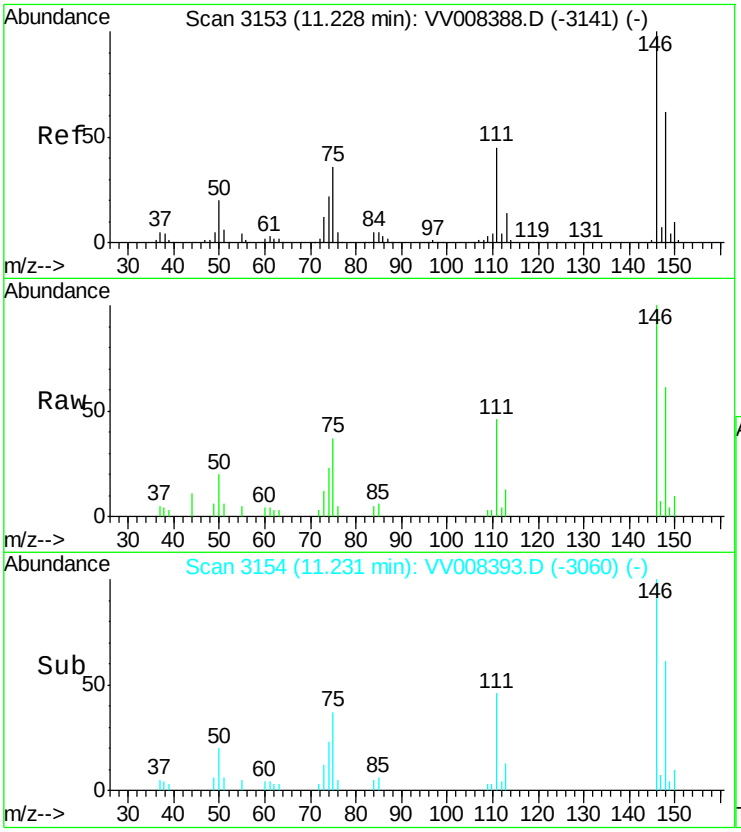


#61
Bromoform
Concen: 2.159 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:173 Resp: 2054

Ion	Ratio	Lower	Upper
173	100		
175	45.8	38.6	57.8
254	0.0	5.9	8.9#



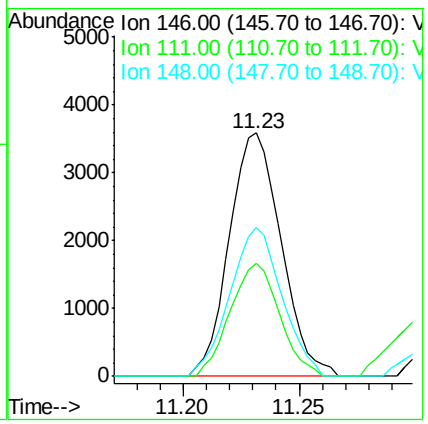


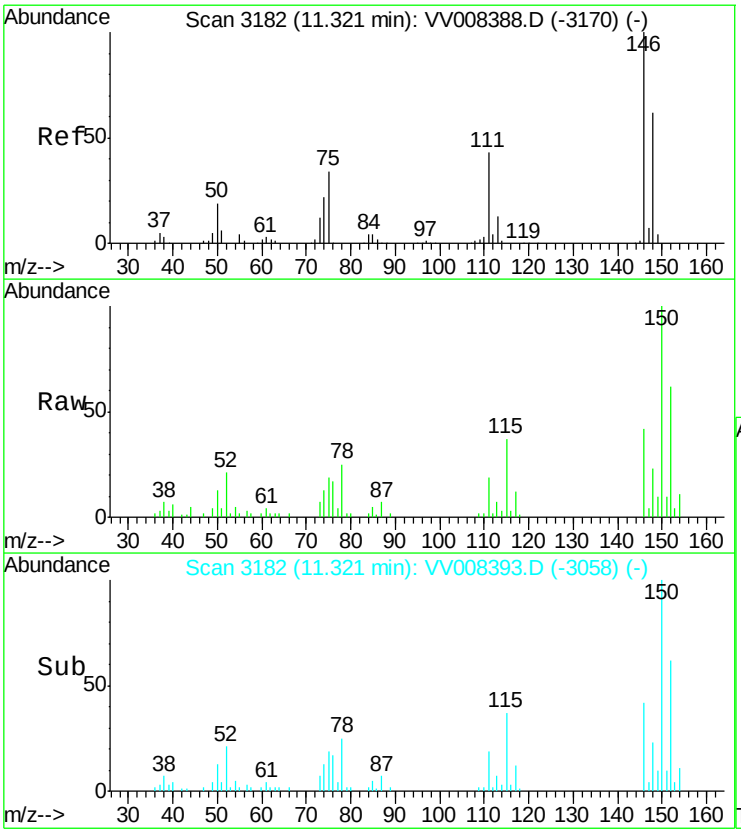
#62
1,3-Dichlorobenzene
Concen: 2.233 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion:146 Resp: 5567

Ion	Ratio	Lower	Upper
146	100		
111	46.3	30.9	57.3
148	61.3	44.1	81.9

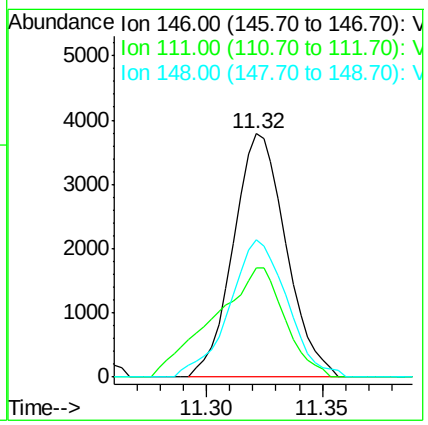


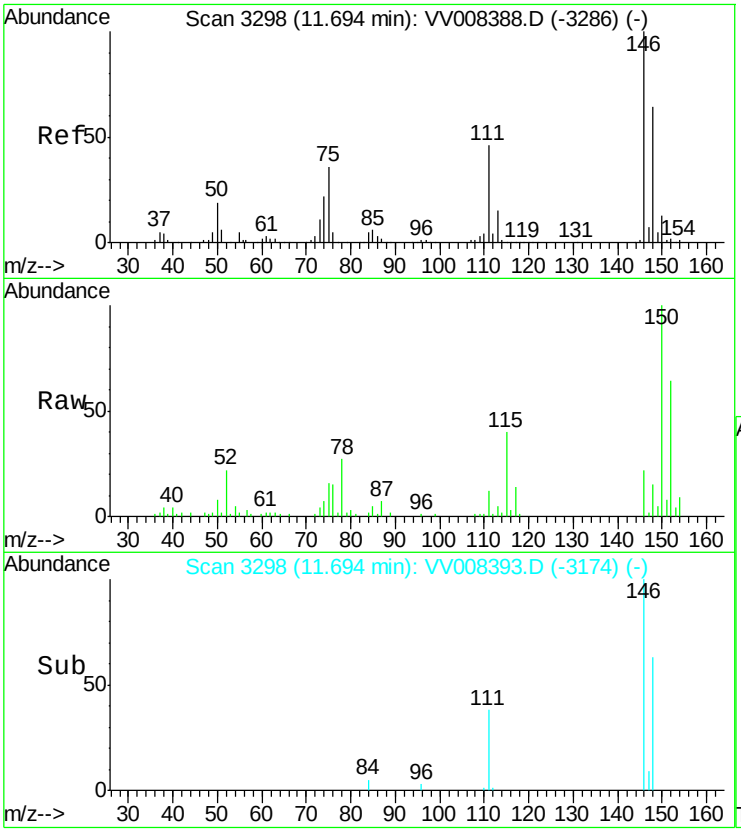


#63
1,4-Dichlorobenzene
Concen: 2.394 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:146 Resp: 5982

Ion	Ratio	Lower	Upper
146	100		
111	44.7	29.8	55.4
148	56.3	44.4	82.5



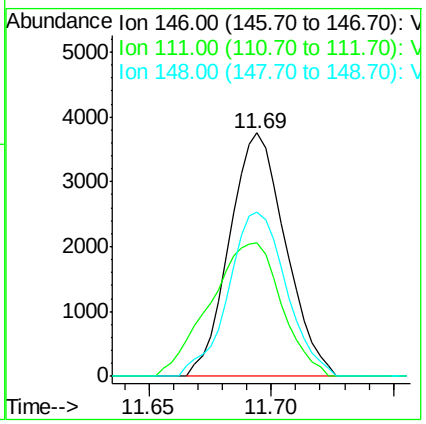


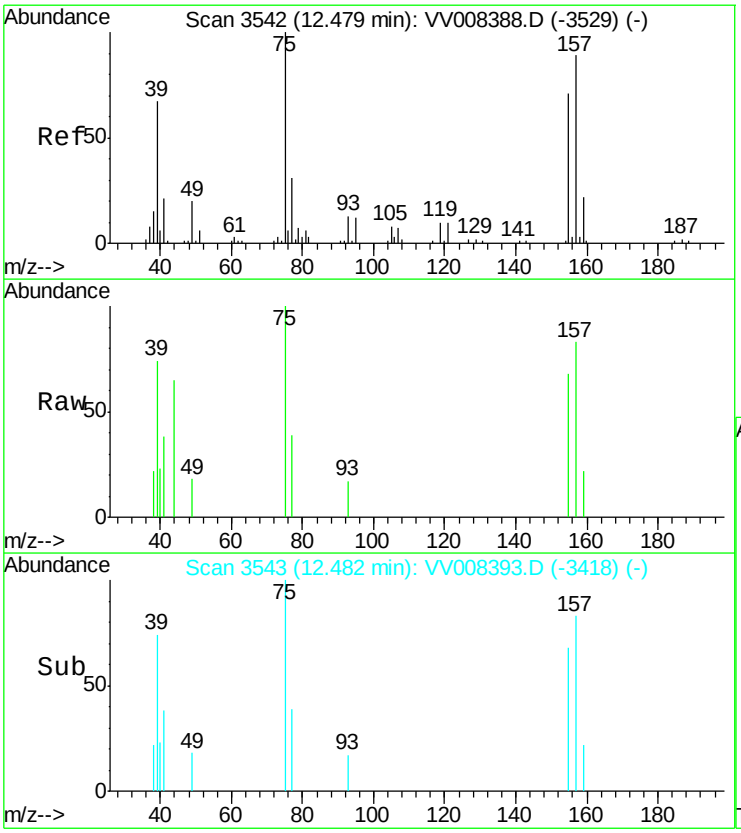
#65
1,2-Dichlorobenzene
Concen: 2.347 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 5965

Ion	Ratio	Lower	Upper
146	100		
111	54.8	36.2	54.2#
148	67.4	50.3	75.5

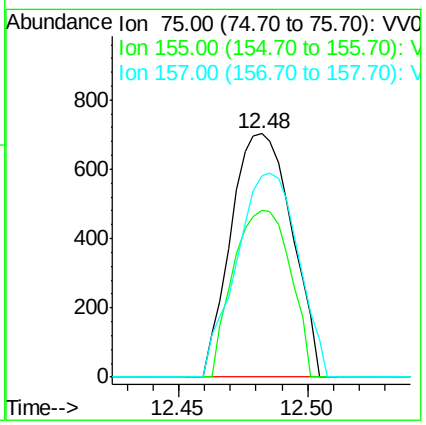


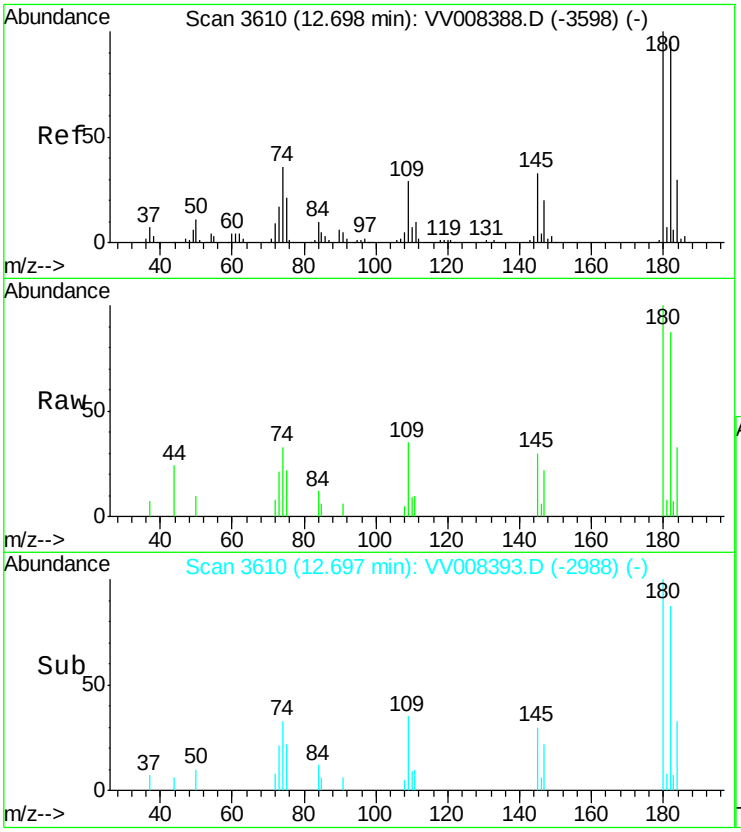


#66
1,2-Dibromo-3-chloropropane
Concen: 2.208 ug/L
RT: 12.48 min Scan# 3543
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion: 75 Resp: 1154

Ion	Ratio	Lower	Upper
75	100		
155	68.4	55.4	83.0
157	82.8	72.8	109.2



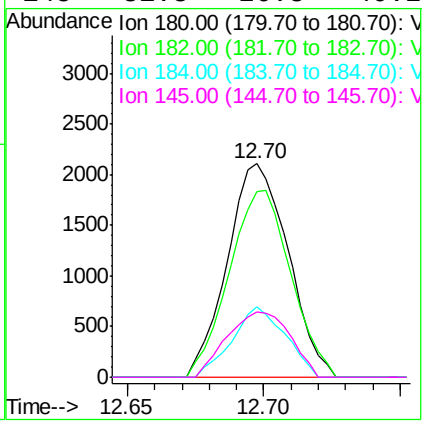


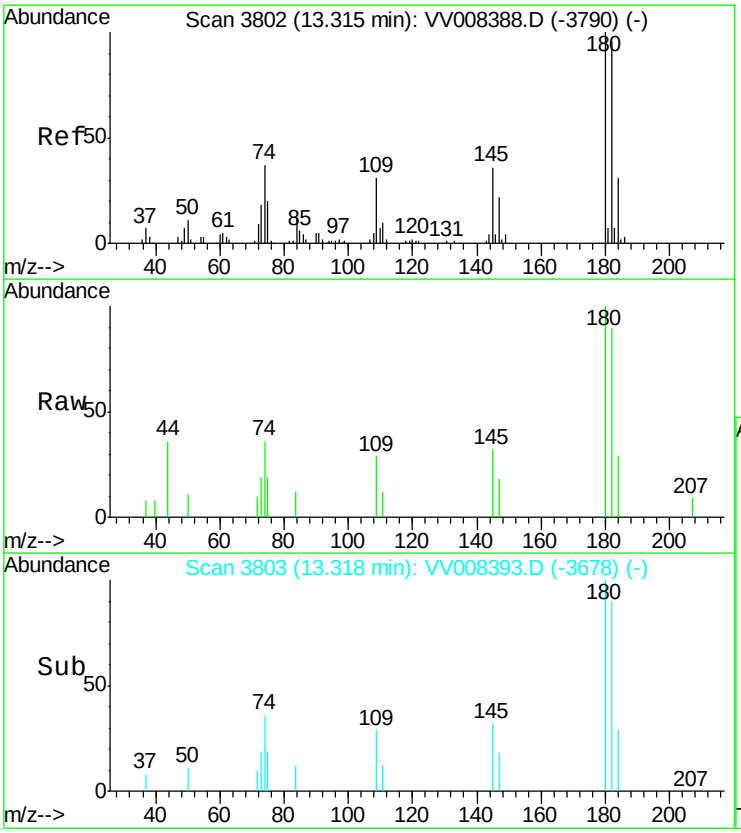
#67
1,3,5-Trichlorobenzene
Concen: 2.005 ug/L
RT: 12.70 min Scan# 3610
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:180 Resp: 3263

Ion	Ratio	Lower	Upper
180	100		
182	88.1	75.9	113.9
184	29.0	24.1	36.1
145	31.8	26.8	40.2

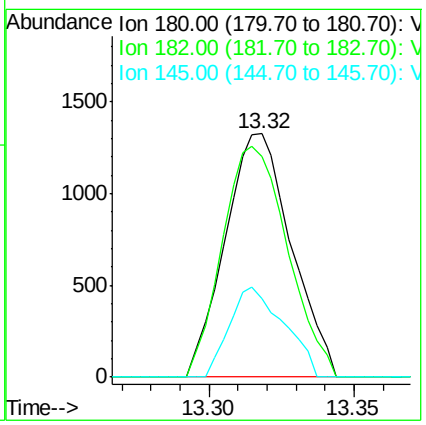


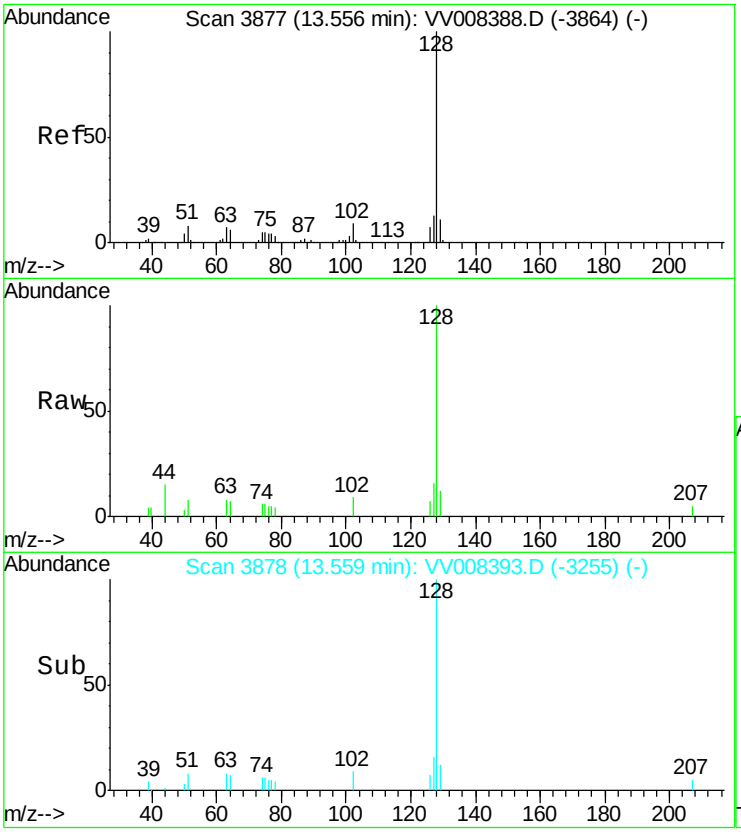


#68
1,2,4-trichlorobenzene
Concen: 1.595 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:180 Resp: 2100

Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.4	113.2
145	30.4	27.0	40.6



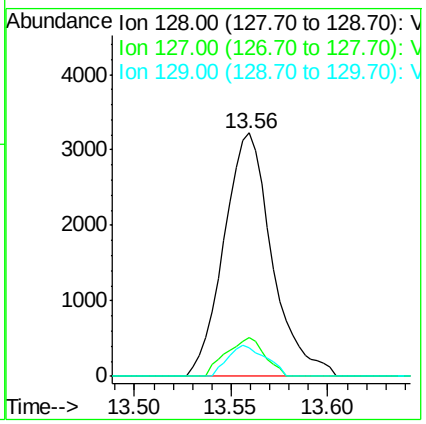


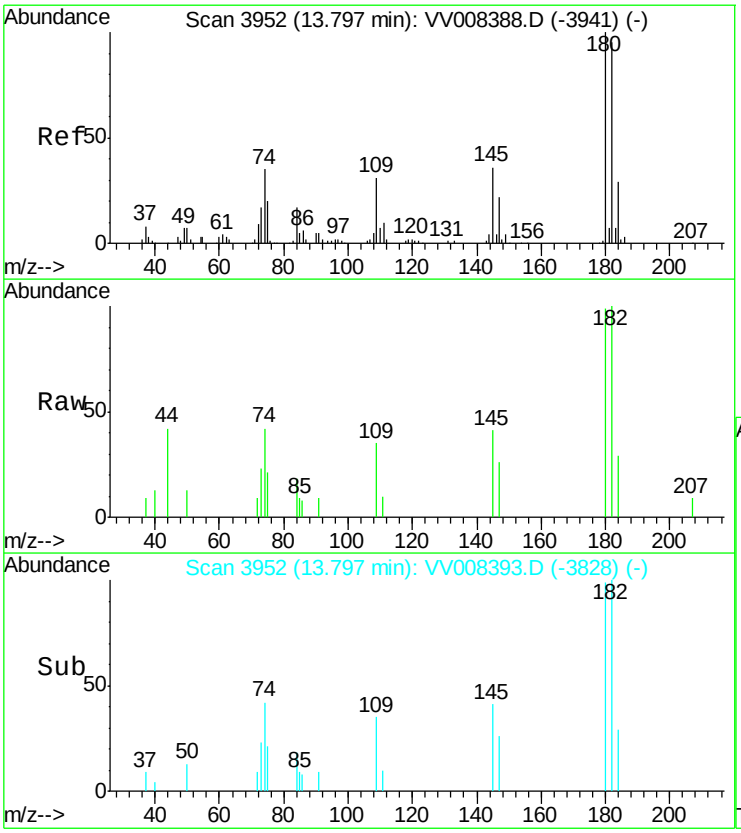
#69
Naphthalene
Concen: 1.309 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:128 Resp: 5575

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	15.8
129	10.0	8.9	13.3





#70
1,2,3-Trichlorobenzene
Concen: 1.537 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV008393.D
Acq: 24 Oct 2018 15:26

Tgt Ion:180 Resp: 2023

Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.7	113.5
145	38.4	28.6	43.0