Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081519\

Quantitation Report (Not Reviewed)

Data File : VV012260.D
Acq On : 15 Aug 2019 20:50
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: Aug 16 04:25:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157303	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80335	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	39362	4.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.20%			
7) Chloroethane-d5	1.58	69	26319	3.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.00%			
11) 1,1-Dichloroethene-d2	2.13	63	64526	4.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.40%			
20) 2-Butanone-d5	3.97	46	99630	47.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.20%			
24) Chloroform-d	4.40	84	89313	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.08	65	45554	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.09	84	164914	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.12	67	45337	4.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.00%			
41) Toluene-d8	7.36	98	161133	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	7.66	79	20297	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.14	63	72509	53.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36867	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	64499	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	96891	6.418	ug/L	100
3) Chloromethane	1.25	50	57205	4.184	ug/L	100
5) Vinyl chloride	1.32	62	61650	4.388	ug/L	98
6) Bromomethane	1.53	94	16152	2.034	ug/L	98
8) Chloroethane	1.60	64	28018	3.457	ug/L	99
9) Trichlorofluoromethane	1.77	101	89656	5.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37290	4.173	ug/L	95
12) 1,1-Dichloroethene	2.14	96	33665	4.068	ug/L	91
13) Acetone	2.24	43	56427	43.259	ug/L	91
14) Carbon disulfide	2.32	76	94773	3.911	ug/L	99
15) Methyl Acetate	2.47	43	11427	3.470	ug/L	98
16) Methylene chloride	2.53	84	33637	3.770	ug/L	90
17) Methyl tert-butyl Ether	2.81	73	118783	5.211	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	50416	4.567	ug/L	97
19) 1,1-Dichloroethane	3.23	63	86472	4.278	ug/L	98
21) 2-Butanone	4.05	43	112324	42.115	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	53292	4.371	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081519\

Quantitation Report (Not Reviewed)

Data File : VV012260.D
Acq On : 15 Aug 2019 20:50
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Quant Time: Aug 16 04:25:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	24958	4.803	ug/L		86
25) Chloroform	4.42	83	99745	4.345	ug/L		96
27) 1,2-Dichloroethane	5.18	62	62017	4.919	ug/L		100
29) 1,1,1-Trichloroethane	4.66	97	91375	5.037	ug/L		98
30) Cyclohexane	4.72	56	72762	4.028	ug/L		92
31) Carbon tetrachloride	4.87	117	87565	5.335	ug/L		98
33) Benzene	5.14	78	196963	4.402	ug/L		100
34) Trichloroethene	5.96	95	55849	4.608	ug/L		96
35) Methylcyclohexane	6.17	83	83224	4.420	ug/L		93
37) 1,2-Dichloropropane	6.22	63	46133	4.133	ug/L	#	97
38) Bromodichloromethane	6.55	83	68874	4.789	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	71440	4.647	ug/L		98
40) 4-Methyl-2-pentanone	7.28	43	282794	46.081	ug/L		96
42) Toluene	7.43	91	218109	4.582	ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	59430	4.913	ug/L		97
45) 1,1,2-Trichloroethane	7.88	97	35860	4.816	ug/L		98
47) Tetrachloroethene	8.02	164	50245	5.030	ug/L		95
48) 2-Hexanone	8.19	43	203904	47.140	ug/L	#	96
49) Dibromochloromethane	8.29	129	49280	5.332	ug/L		95
50) 1,2-Dibromoethane	8.40	107	34997	4.866	ug/L		98
51) Chlorobenzene	8.92	112	145867	4.733	ug/L		97
52) Ethylbenzene	9.05	91	241206	4.755	ug/L		100
53) m,p-xylene	9.18	106	92527	4.750	ug/L		100
54) o-xylene	9.59	106	92506	5.018	ug/L		95
55) Styrene	9.60	104	157461	5.111	ug/L		99
56) Isopropylbenzene	9.97	105	245319	4.976	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	40838	4.728	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	30117	4.756	ug/L		97
61) Bromoform	9.77	173	27506	5.311	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	123354	4.613	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	121904	4.574	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	114202	4.655	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	7522	4.815	ug/L		90
67) 1,3,5-Trichlorobenzene	12.69	180	96828	4.795	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	77227	5.145	ug/L		99
69) Naphthalene	13.55	128	135593	6.249	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	74415	5.250	ug/L		98

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

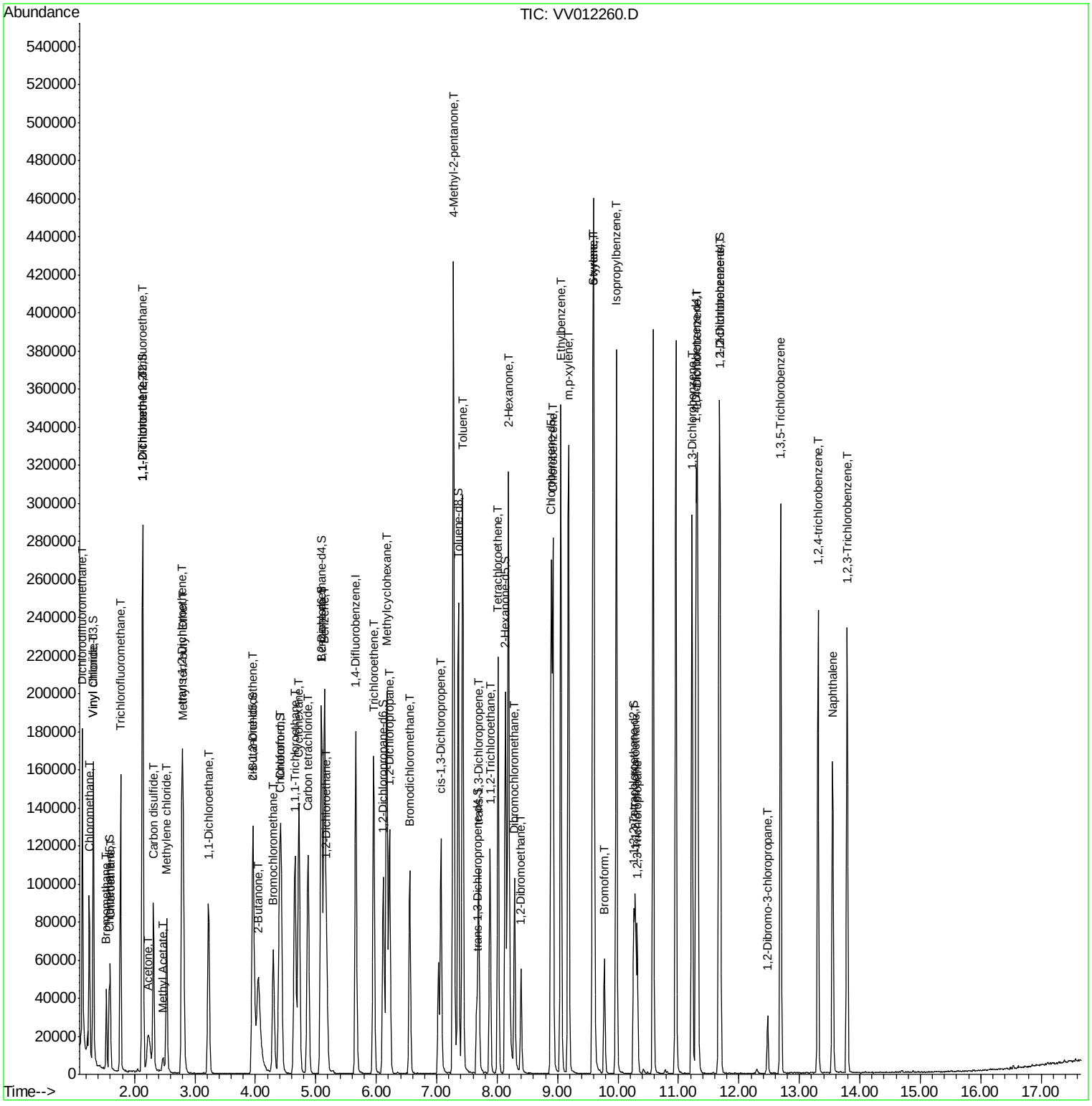
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081519\

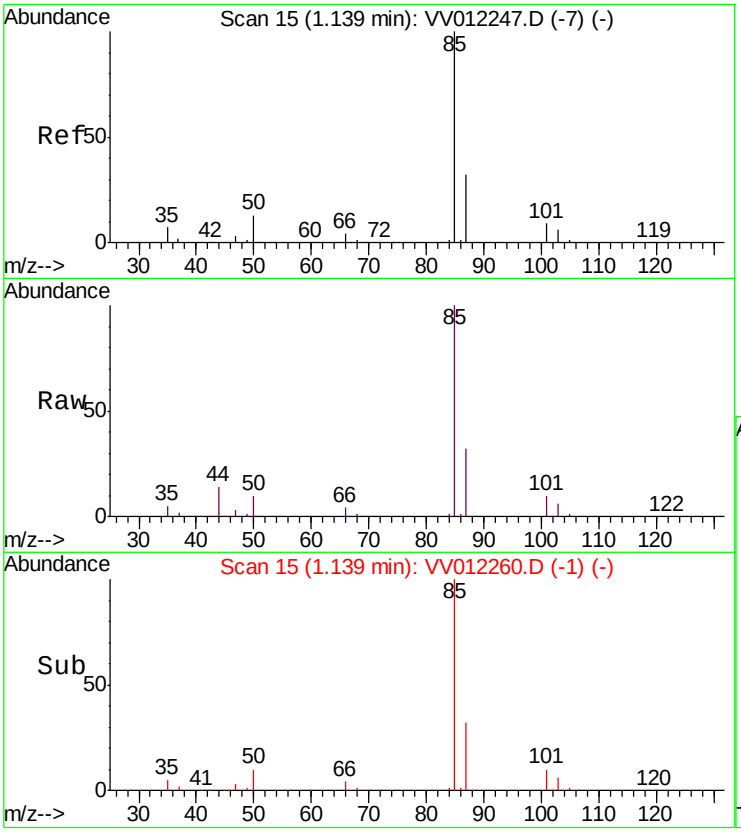
Quantitation Report (Not Reviewed)

Data File : VV012260.D
Acq On : 15 Aug 2019 20:50
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Quant Time: Aug 16 04:25:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 04:21:37 2019
Response via : Initial Calibration



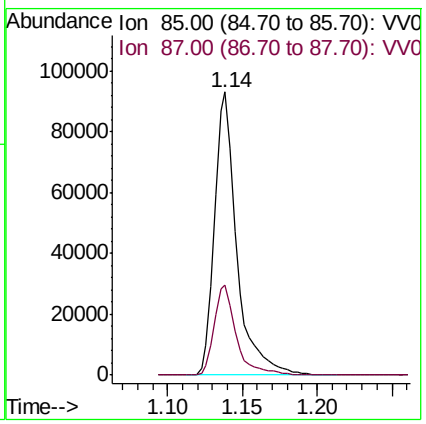


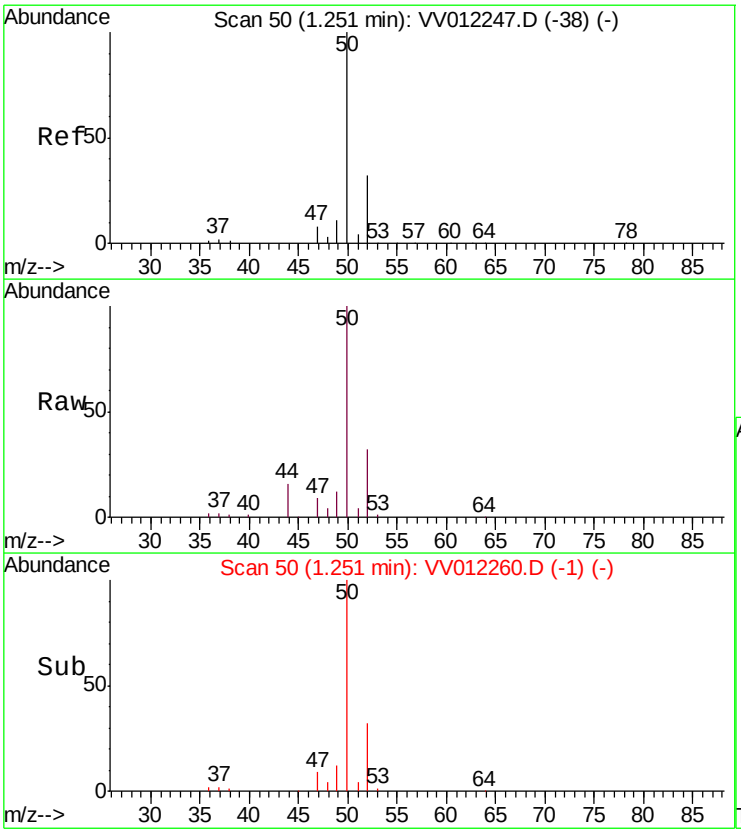
#2
Dichlorodifluoromethane
Concen: 6.418 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 85 Resp: 96891

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.7	38.5

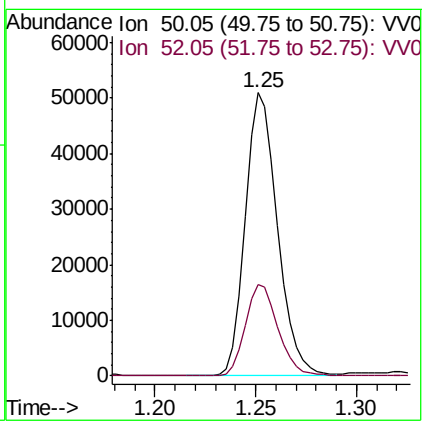


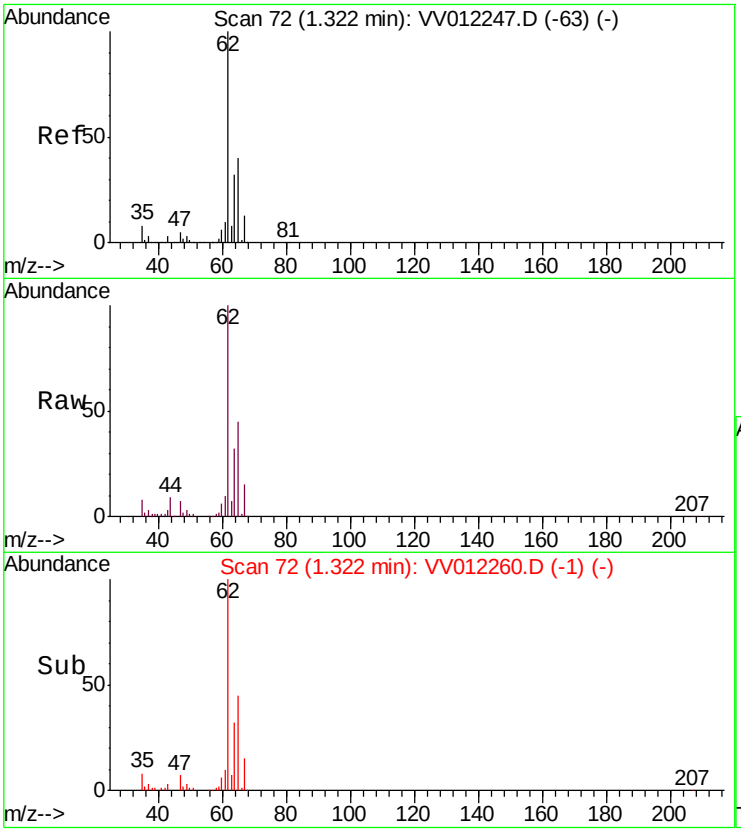


#3
Chloromethane
Concen: 4.184 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 50 Resp: 57205

Ion	Ratio	Lower	Upper
50	100		
52	32.4	22.6	42.0



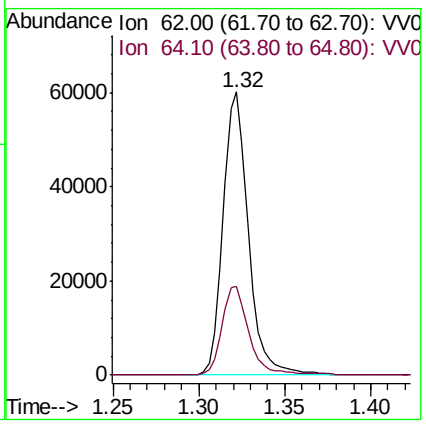


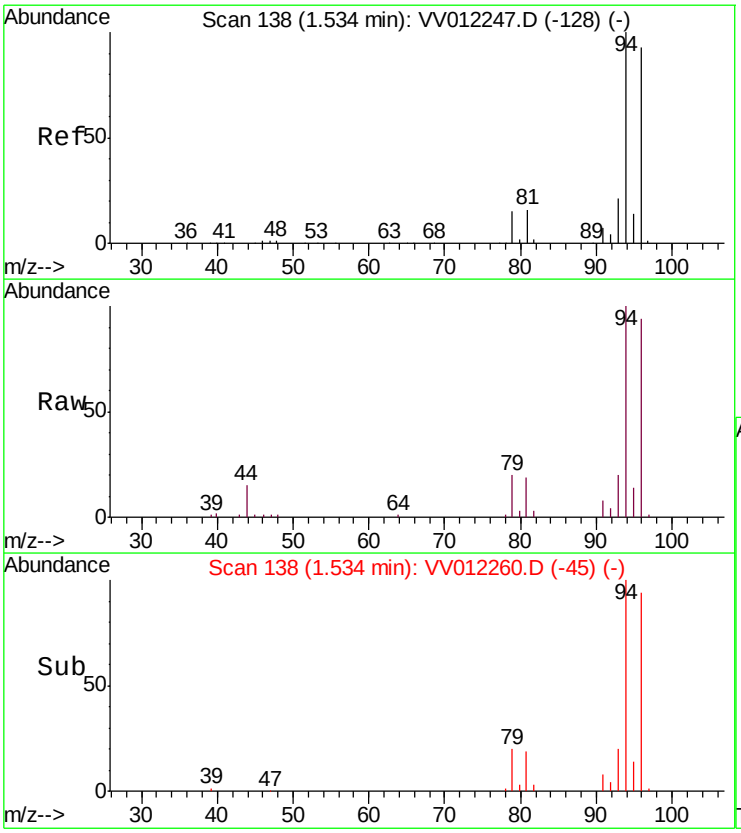
#5
Vinyl chloride
Concen: 4.388 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 62 Resp: 61650

Ion	Ratio	Lower	Upper
62	100		
64	31.5	22.7	42.1

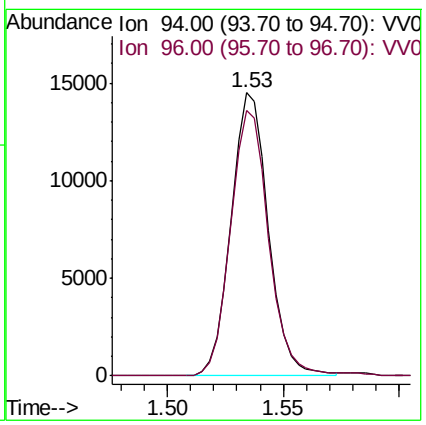


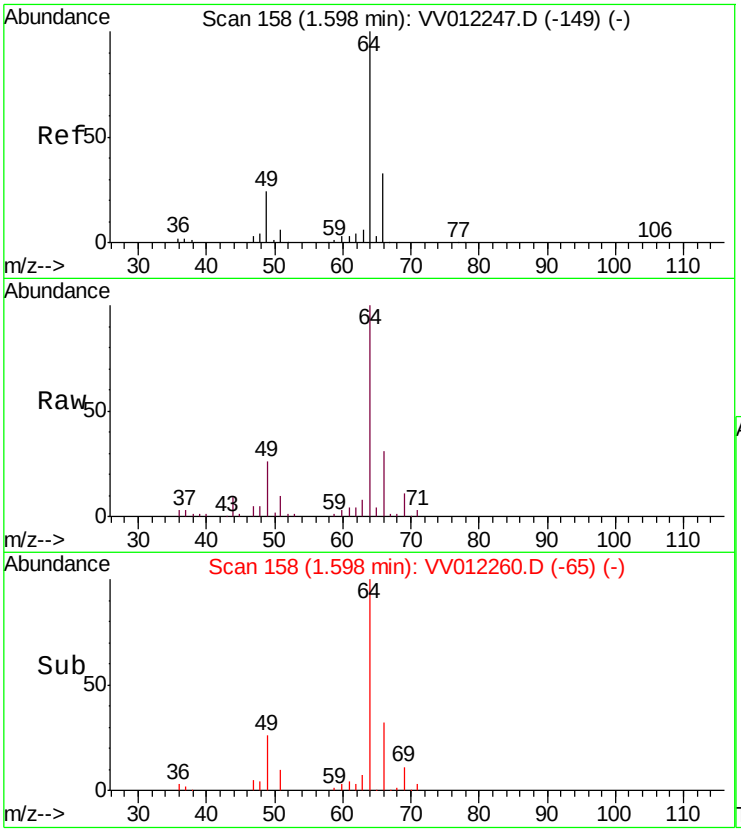


#6
Bromomethane
Concen: 2.034 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 94 Resp: 16152

Ion	Ratio	Lower	Upper
94	100		
96	93.9	67.3	125.1



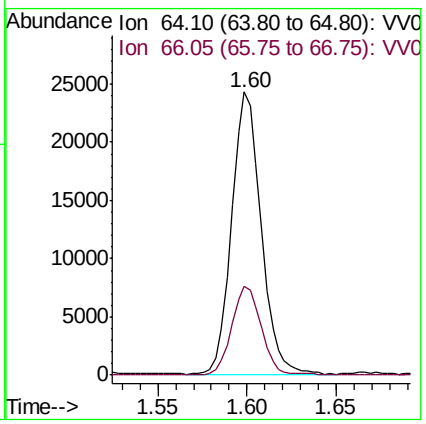


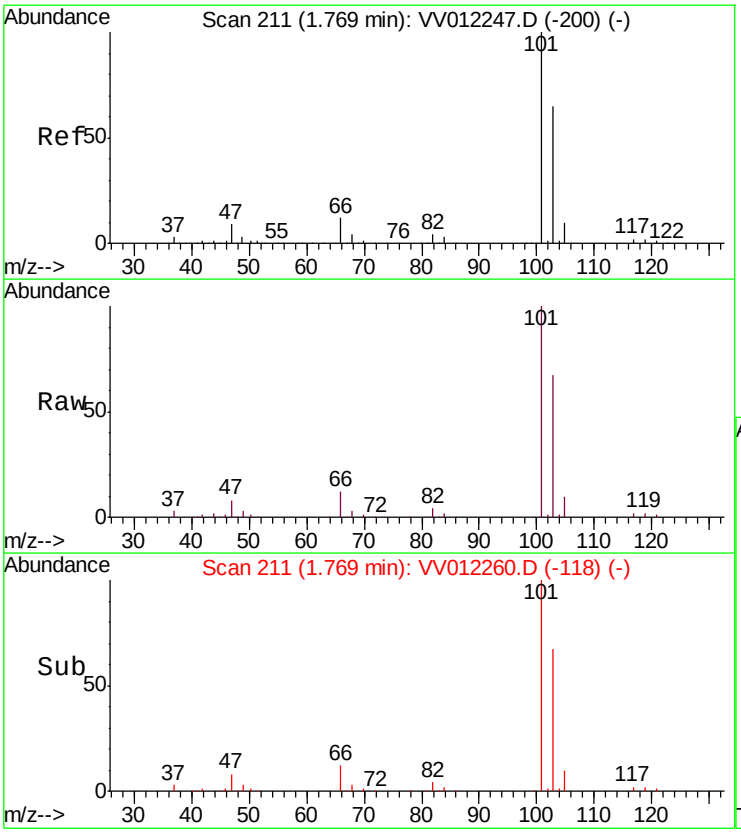
#8
Chloroethane
Concen: 3.457 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 64 Resp: 28018

Ion	Ratio	Lower	Upper
64	100		
66	31.4	21.8	40.4

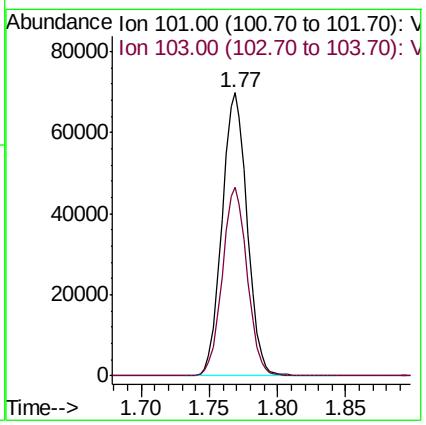


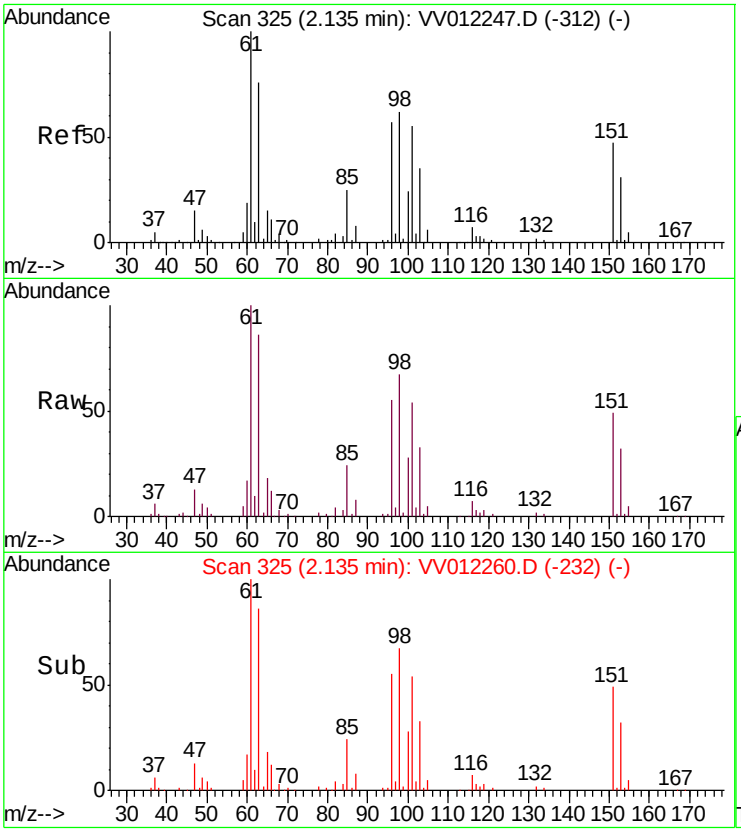


#9
Trichlorofluoromethane
Concen: 5.073 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:101 Resp: 89656

Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.0	78.0



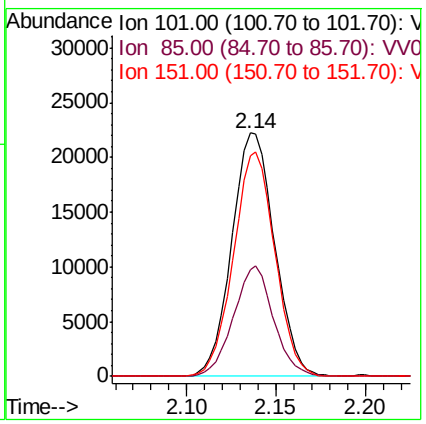


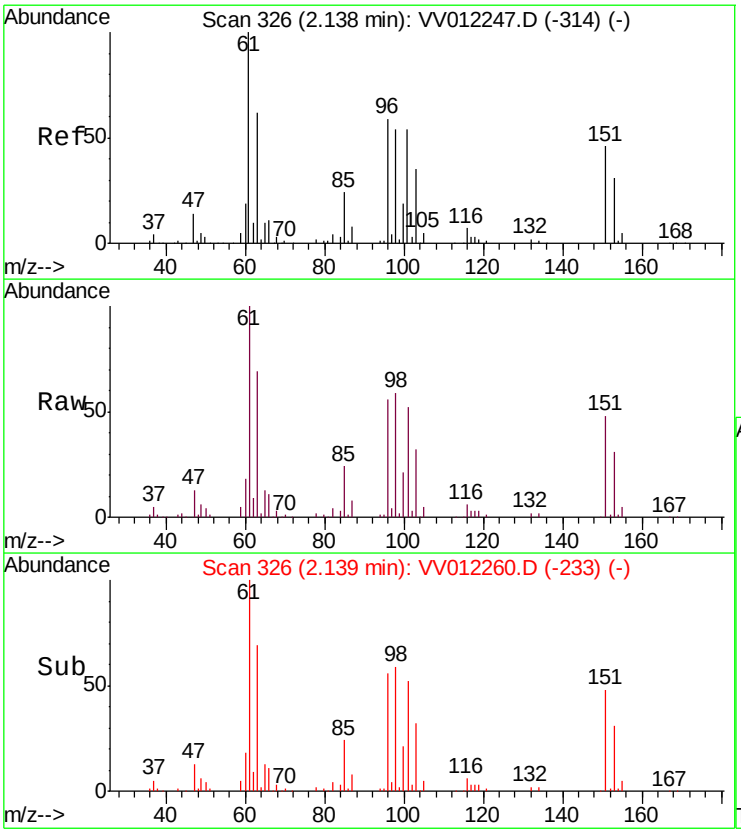
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.173 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:101 Resp: 37290

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.7	50.5
151	89.0	66.3	99.5

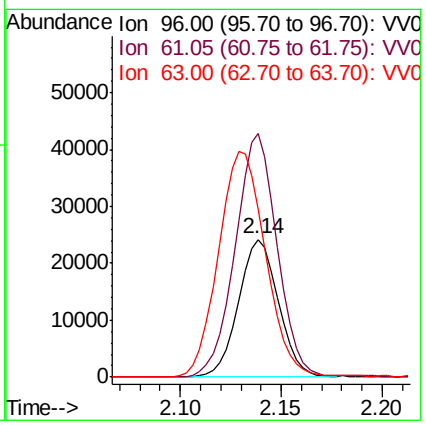


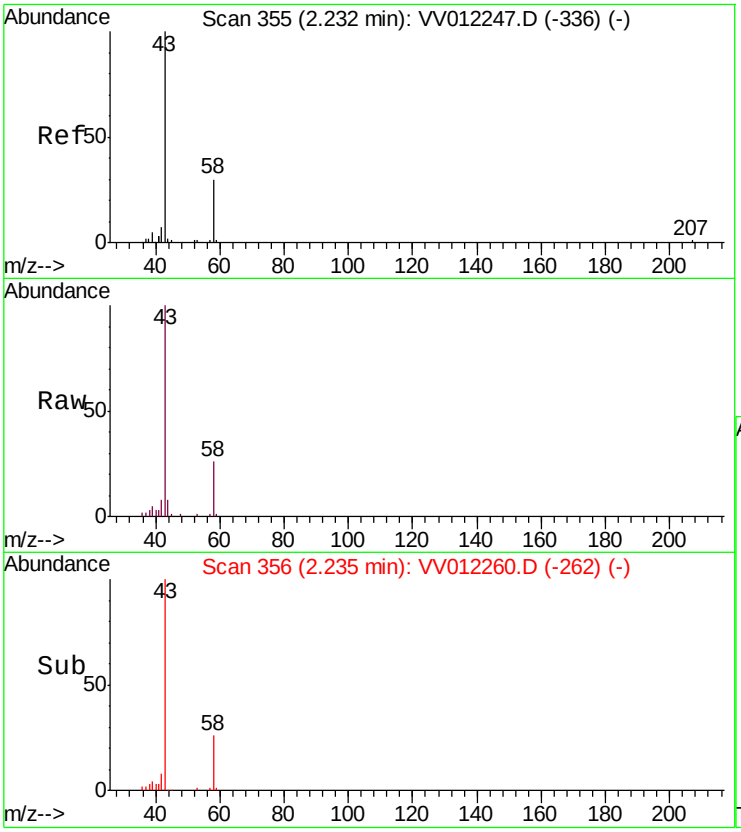


#12
1,1-Dichloroethene
Concen: 4.068 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 96 Resp: 33665

Ion	Ratio	Lower	Upper
96	100		
61	177.0	119.3	221.5
63	122.2	74.9	139.1



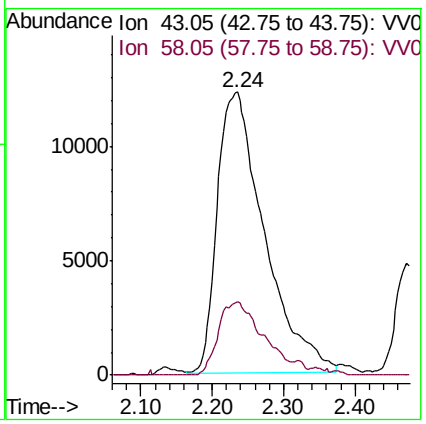


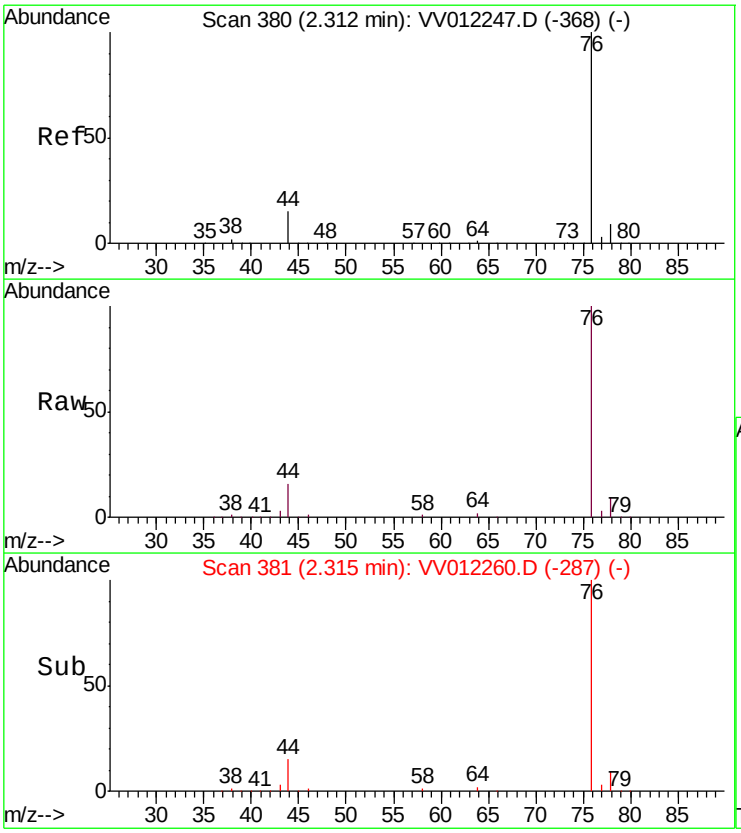
#13
Acetone
Concen: 43.259 ug/L
RT: 2.24 min Scan# 356
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Tgt Ion: 43 Resp: 56427

Ion	Ratio	Lower	Upper
43	100		
58	24.6	0.0	59.4

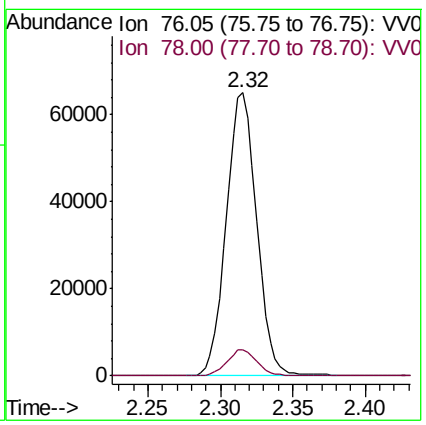


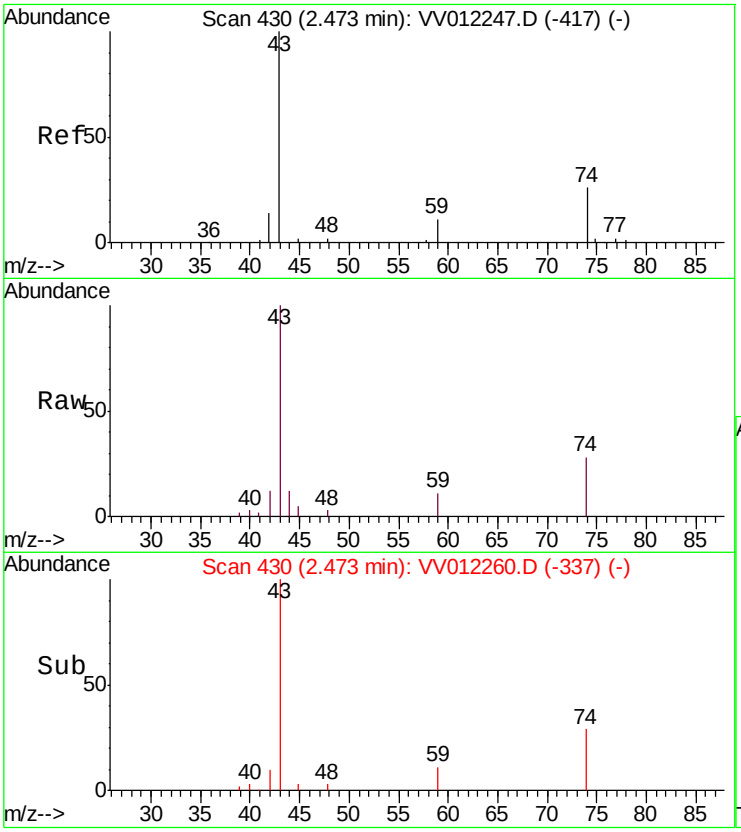


#14
Carbon disulfide
Concen: 3.911 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 76 Resp: 94773

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8



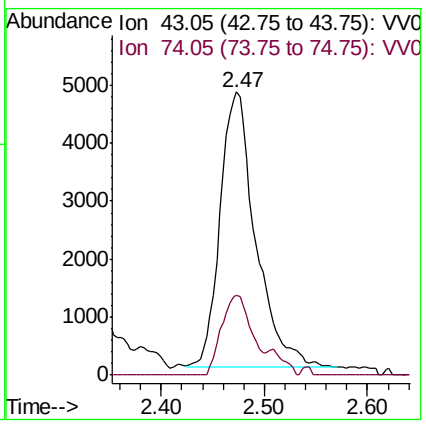


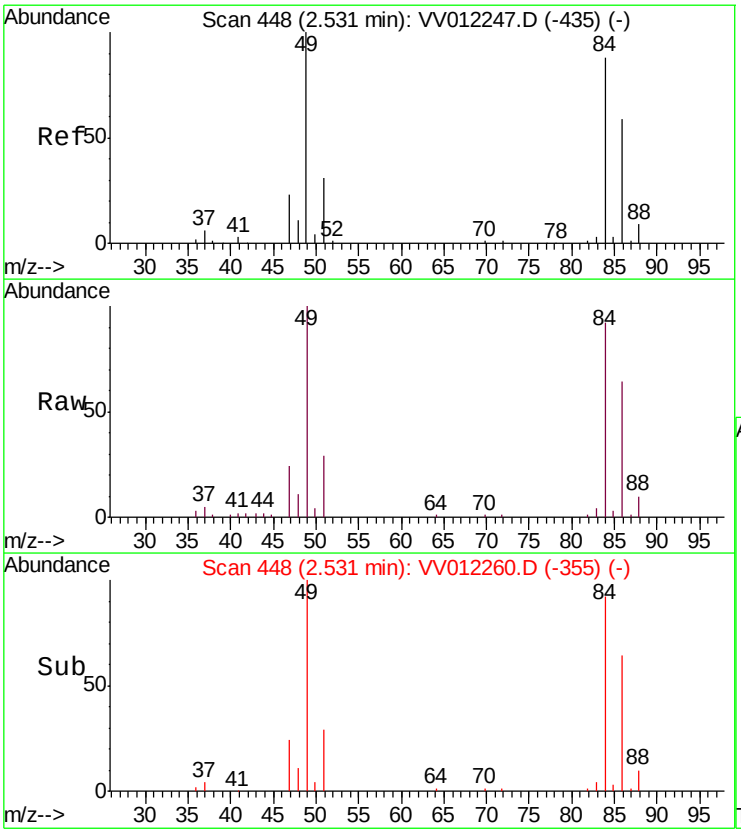
#15
Methyl Acetate
Concen: 3.470 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 43 Resp: 11427

Ion	Ratio	Lower	Upper
43	100		
74	24.1	20.3	30.5

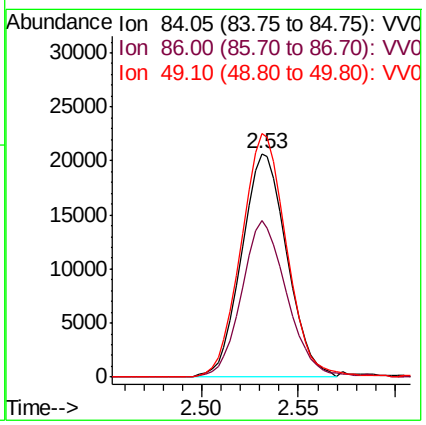


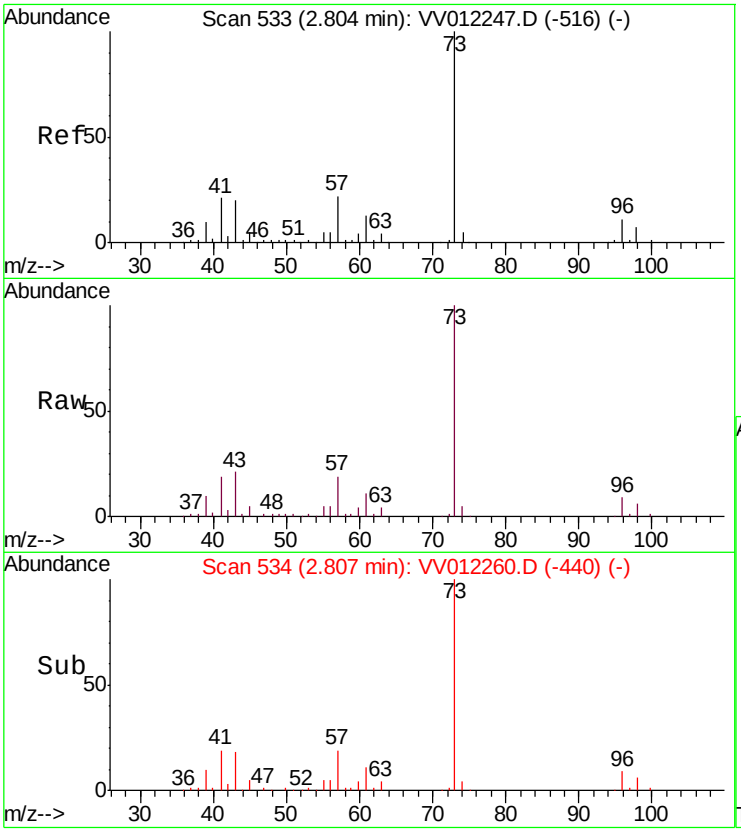


#16
Methylene chloride
Concen: 3.770 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 84 Resp: 33637

Ion	Ratio	Lower	Upper
84	100		
86	69.9	44.4	82.5
49	108.9	85.1	158.1



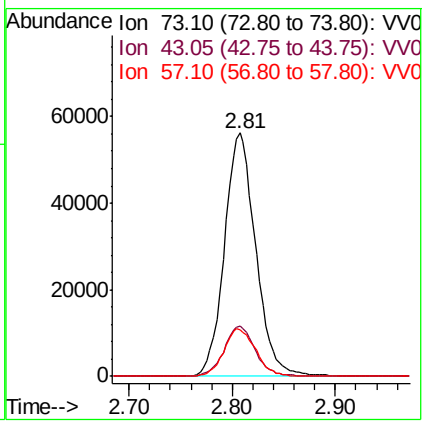


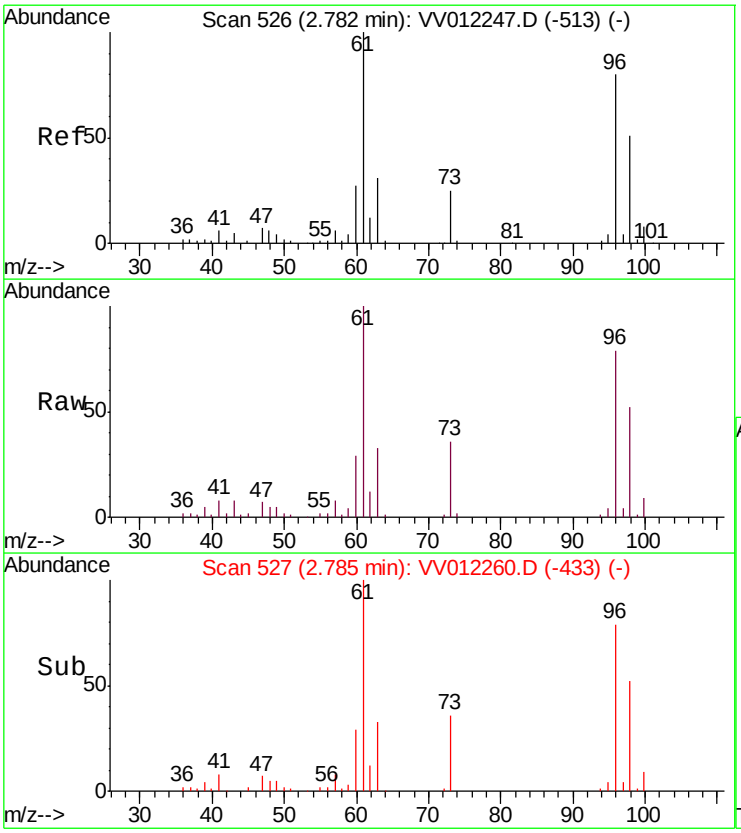
#17
Methyl tert-butyl Ether
Concen: 5.211 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 73 Resp: 118783

Ion	Ratio	Lower	Upper
73	100		
43	20.6	15.4	23.0
57	19.9	17.8	26.6

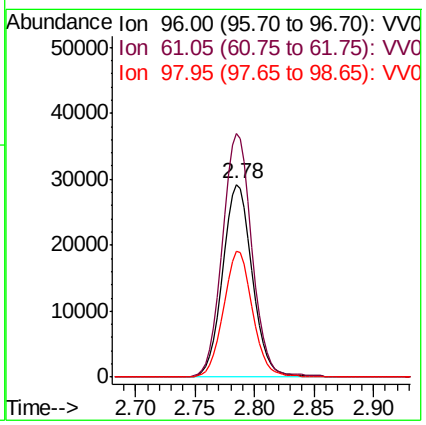


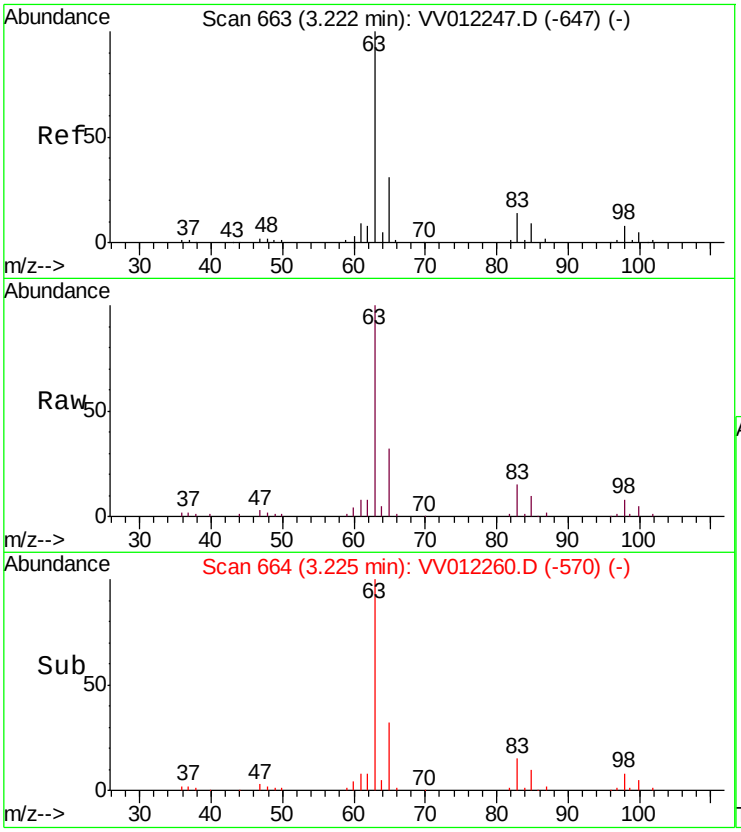


#18
trans-1,2-Dichloroethene
Concen: 4.567 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 96 Resp: 50416

Ion	Ratio	Lower	Upper
96	100		
61	126.4	90.8	168.6
98	65.2	44.4	82.4



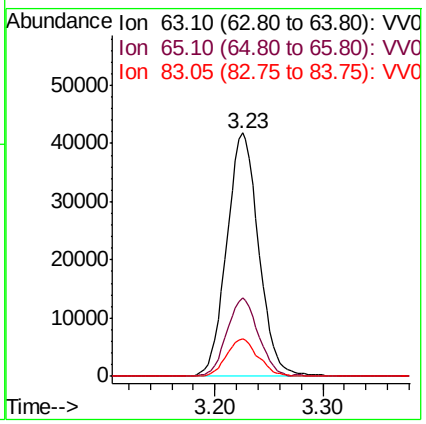


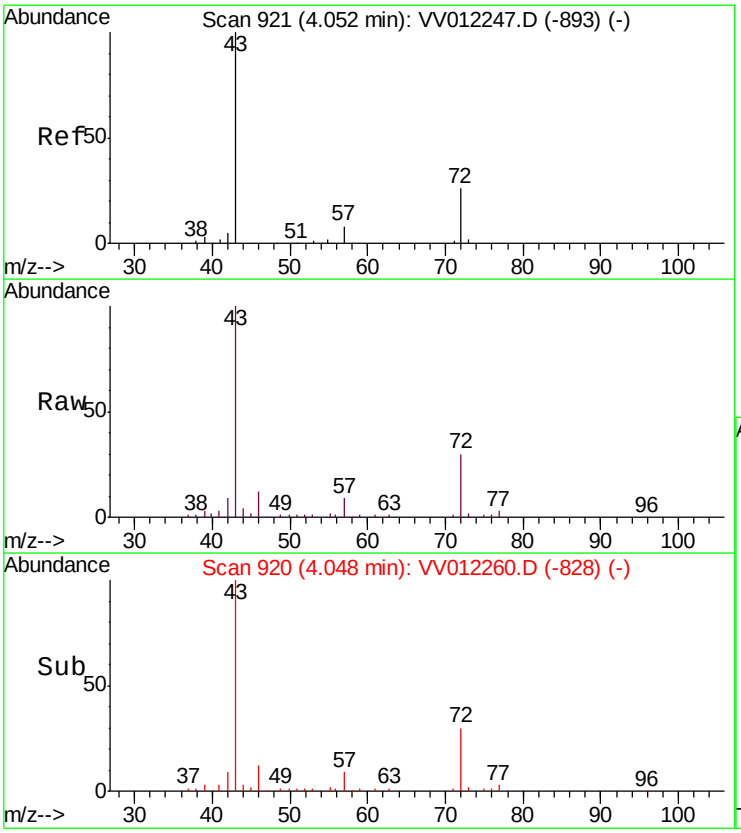
#19
1,1-Dichloroethane
Concen: 4.278 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Tgt Ion: 63 Resp: 86472

Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.7	40.3
83	15.2	10.1	18.9

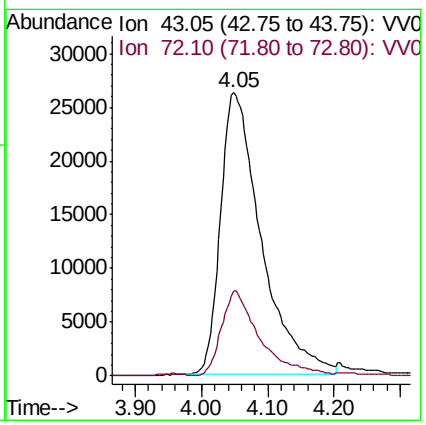


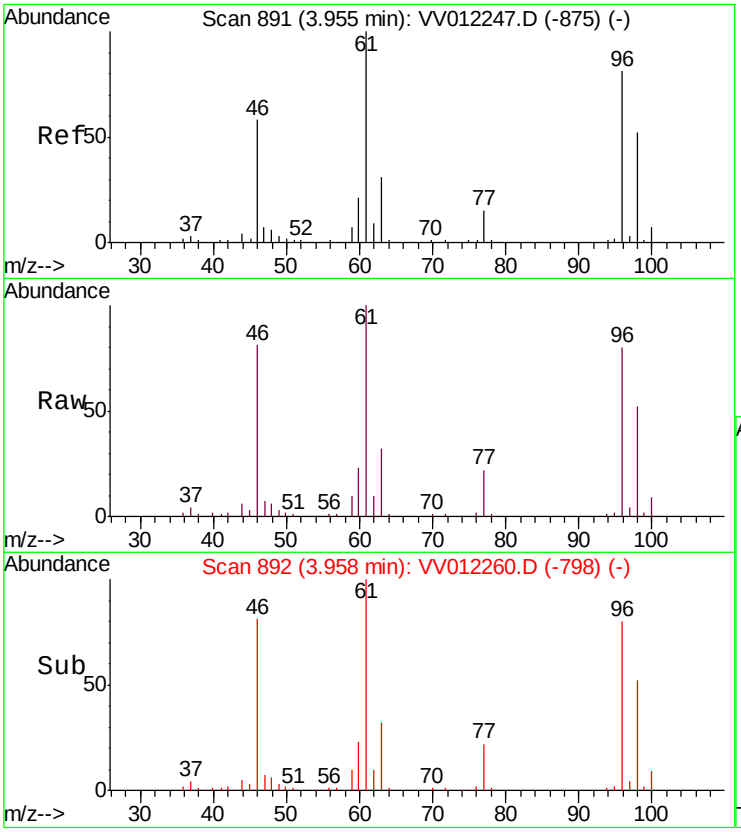


#21
2-Butanone
Concen: 42.115 ug/L
RT: 4.05 min Scan# 920
Delta R.T. -0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 43 Resp: 112324

Ion	Ratio	Lower	Upper
43	100		
72	28.5	12.9	38.7



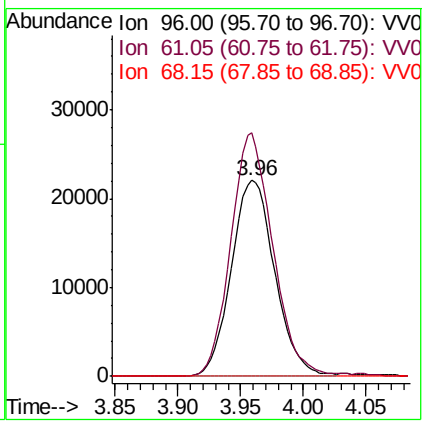


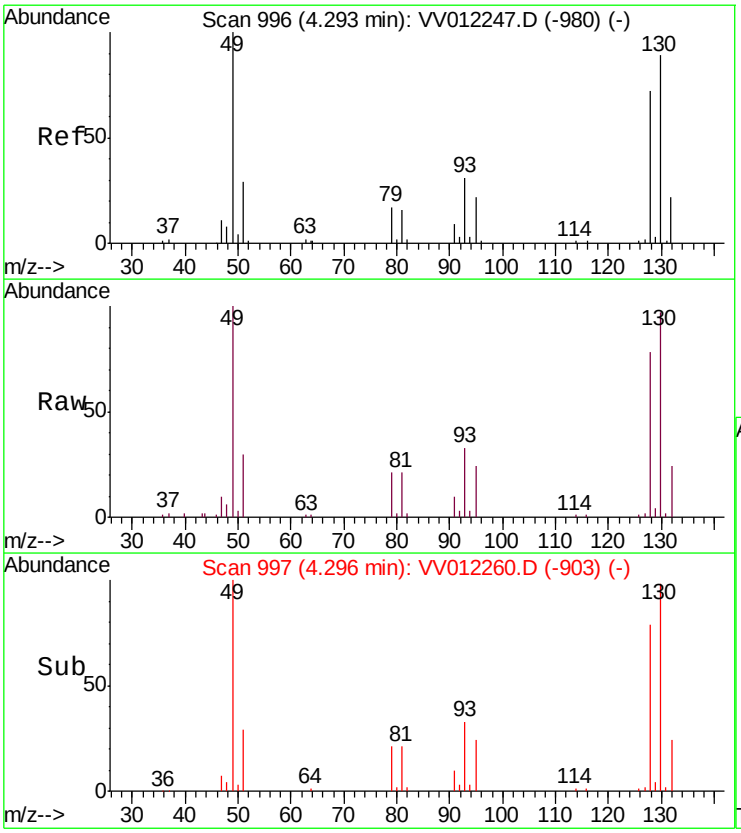
#22
cis-1,2-Dichloroethene
Concen: 4.371 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 96 Resp: 53292

Ion	Ratio	Lower	Upper
96	100		
61	124.4	86.0	159.6
68	0.0	0.0	0.0

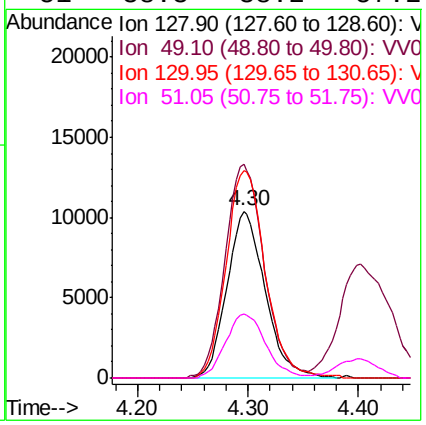


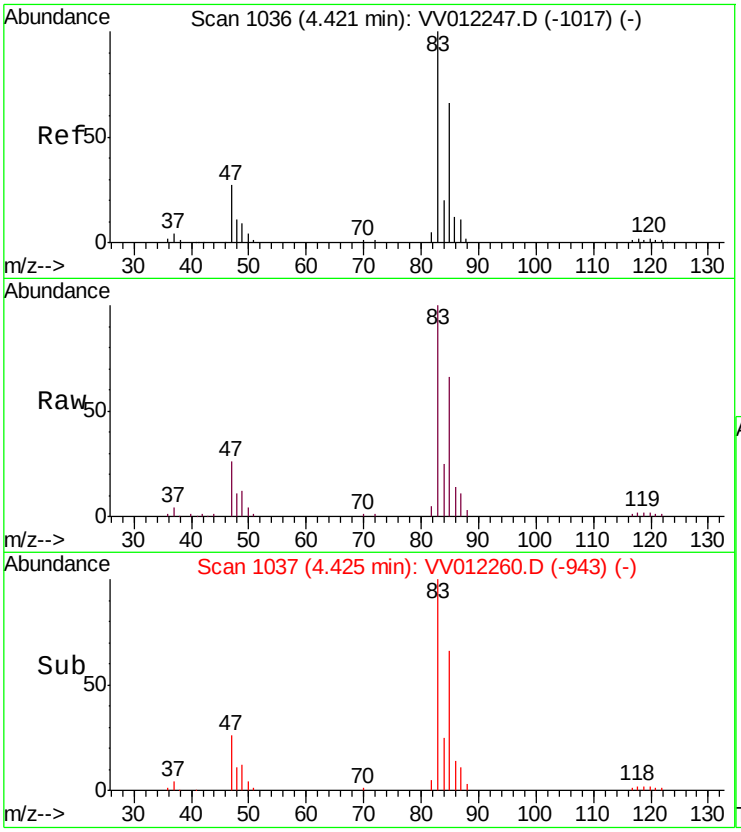


#23
Bromochloromethane
Concen: 4.803 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:128 Resp: 24958

Ion	Ratio	Lower	Upper
128	100		
49	127.9	111.5	207.1
130	124.2	87.4	162.4
51	38.3	38.2	57.2



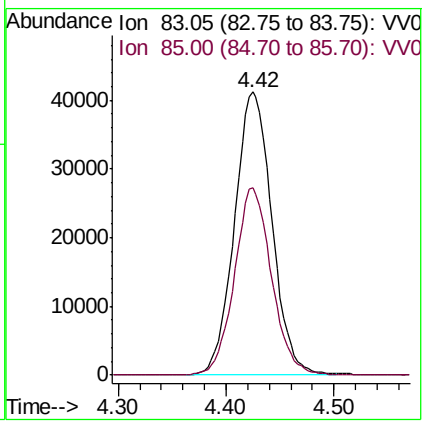


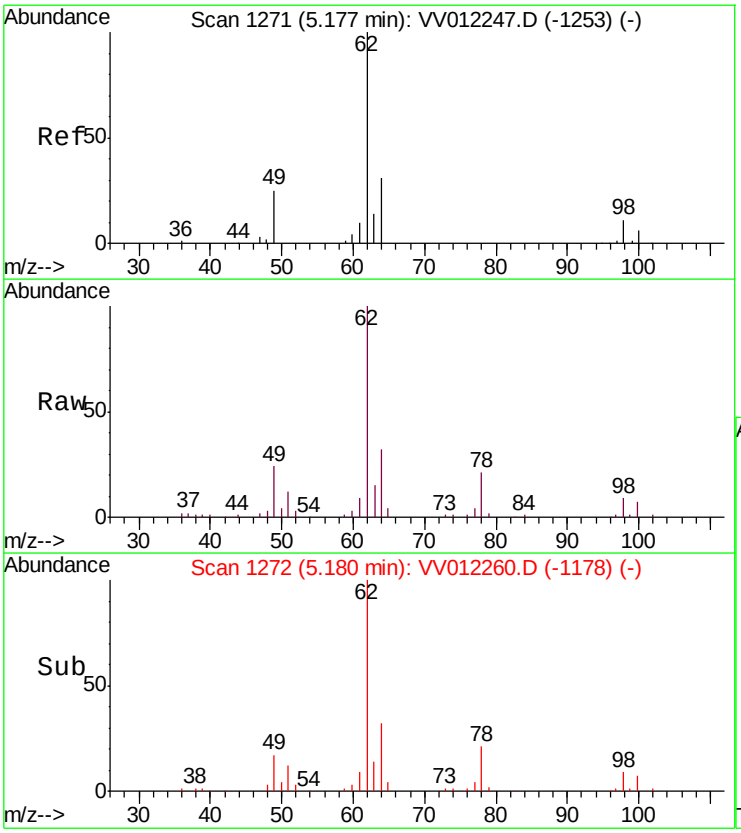
#25
Chloroform
Concen: 4.345 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 83 Resp: 99745

Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.3	82.3

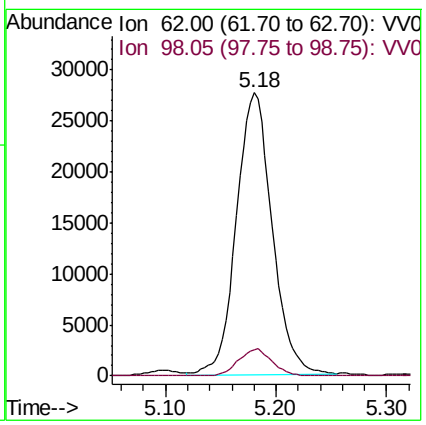


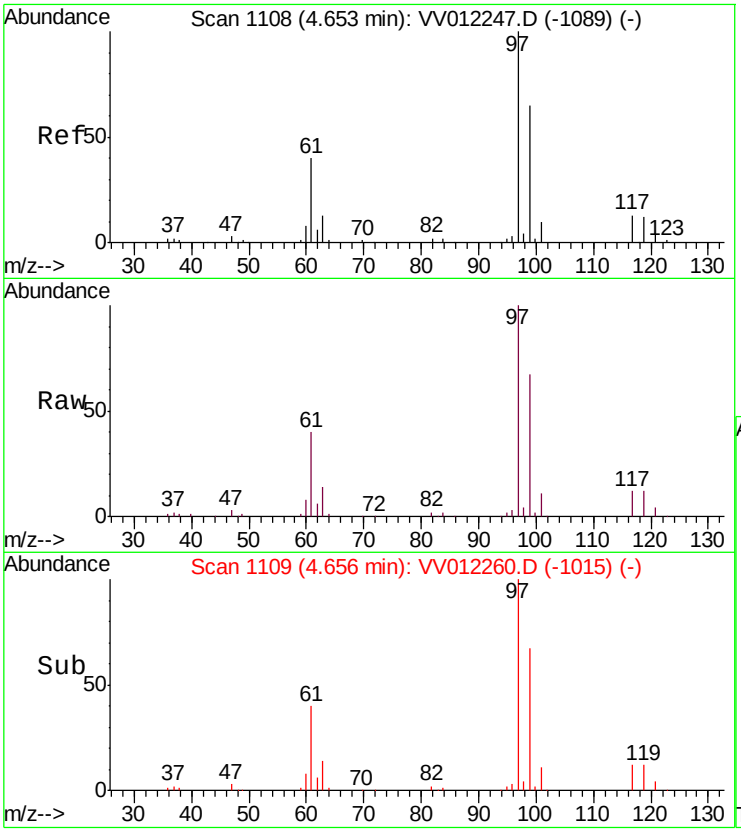


#27
1,2-Dichloroethane
Concen: 4.919 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 62 Resp: 62017

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.5	11.3



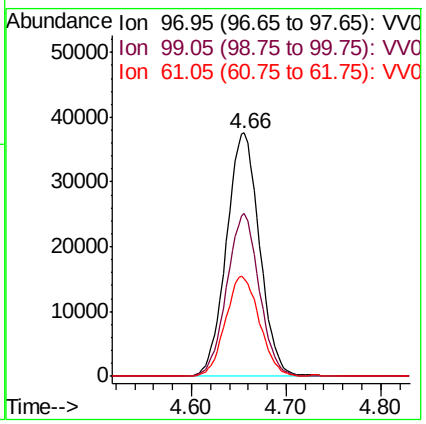


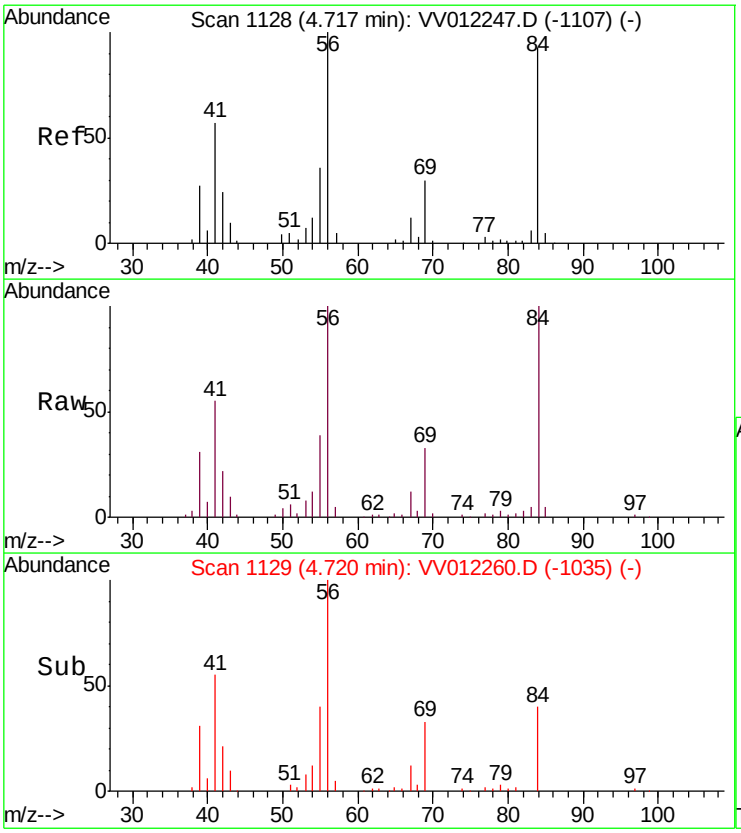
#29
1,1,1-Trichloroethane
Concen: 5.037 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 97 Resp: 91375

Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.1	78.1
61	42.3	35.4	53.0

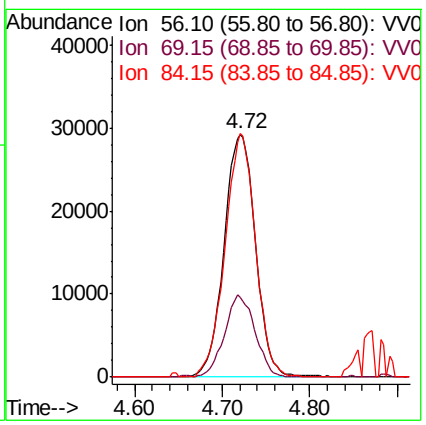


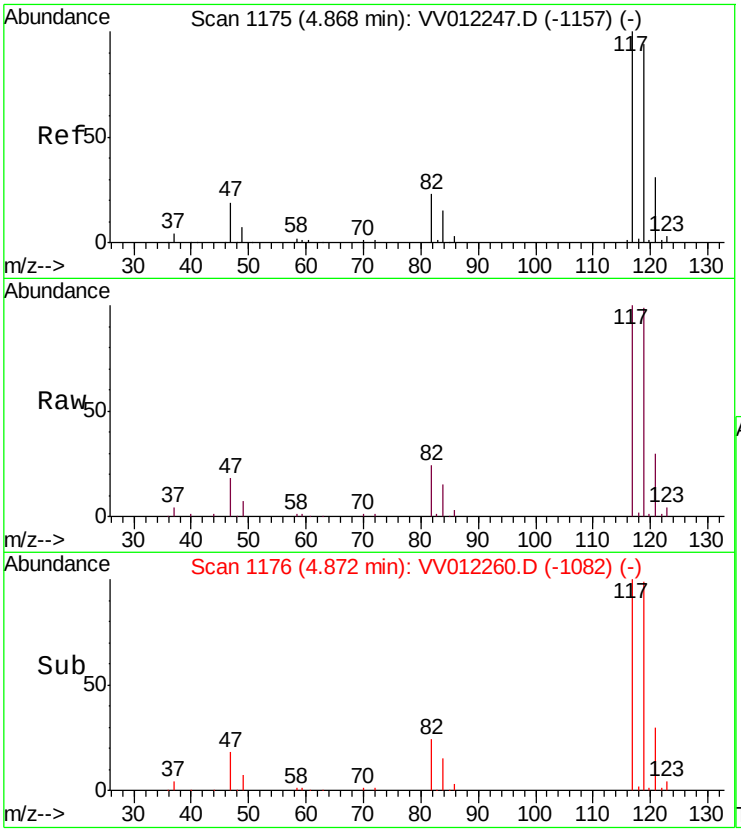


#30
Cyclohexane
Concen: 4.028 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 56 Resp: 72762

Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.6	36.8
84	97.3	71.0	106.6



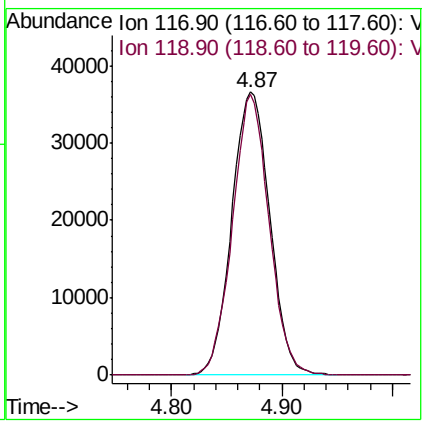


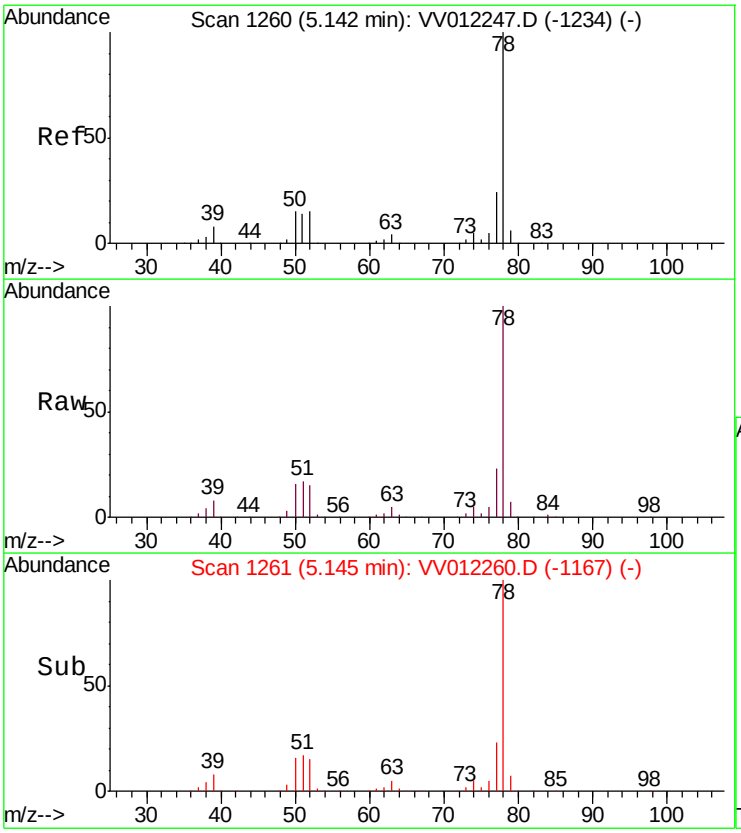
#31
Carbon tetrachloride
Concen: 5.335 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:117 Resp: 87565

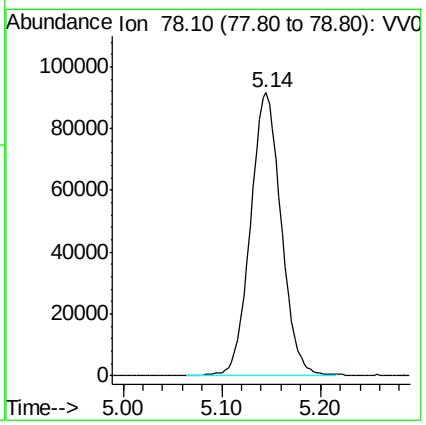
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.9	116.9

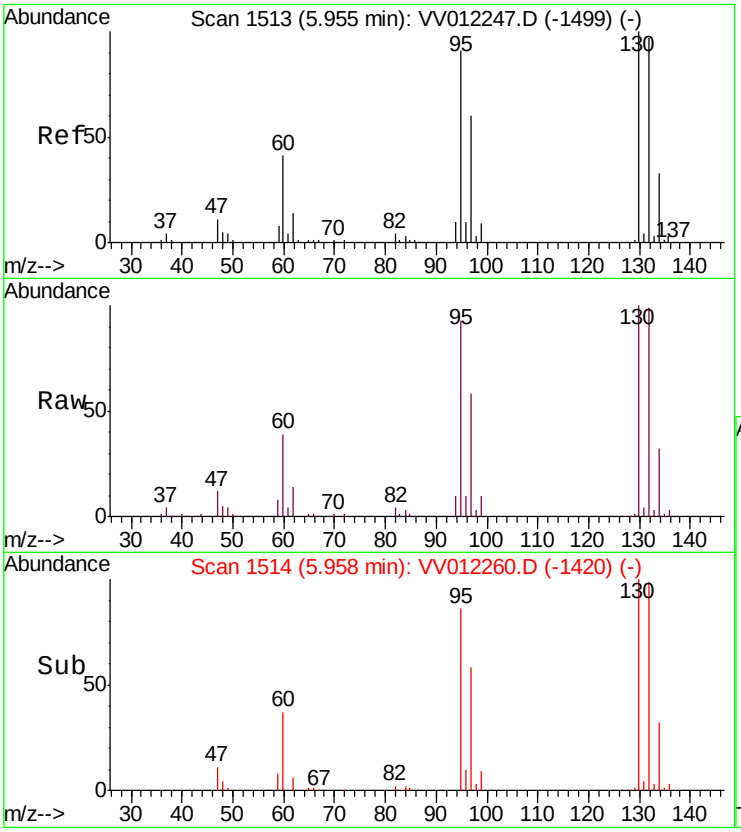




#33
Benzene
Concen: 4.402 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 78 Resp: 196963



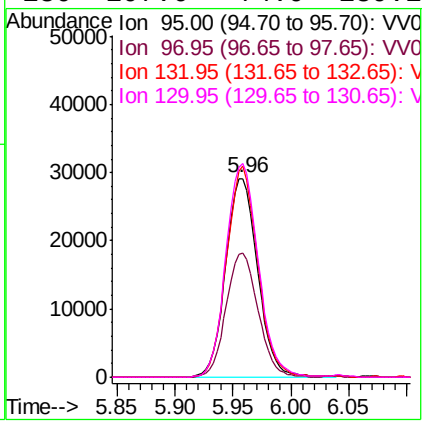


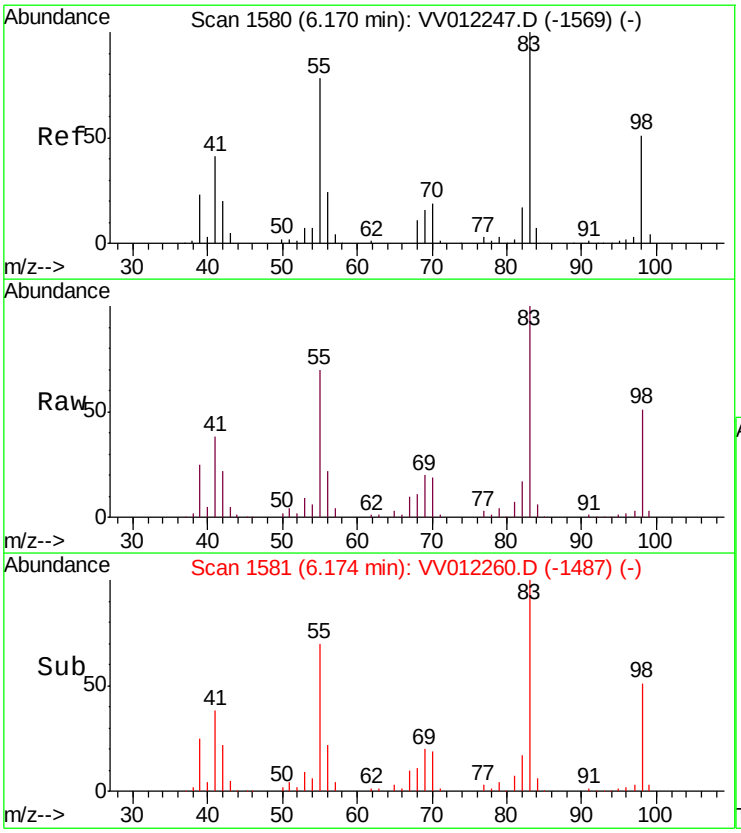
#34
Trichloroethene
Concen: 4.608 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 95 Resp: 55849

Ion	Ratio	Lower	Upper
95	100		
97	62.6	43.3	80.3
132	106.3	67.5	125.3
130	107.6	74.9	139.1

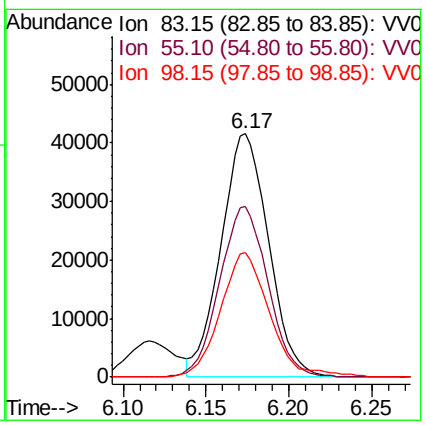


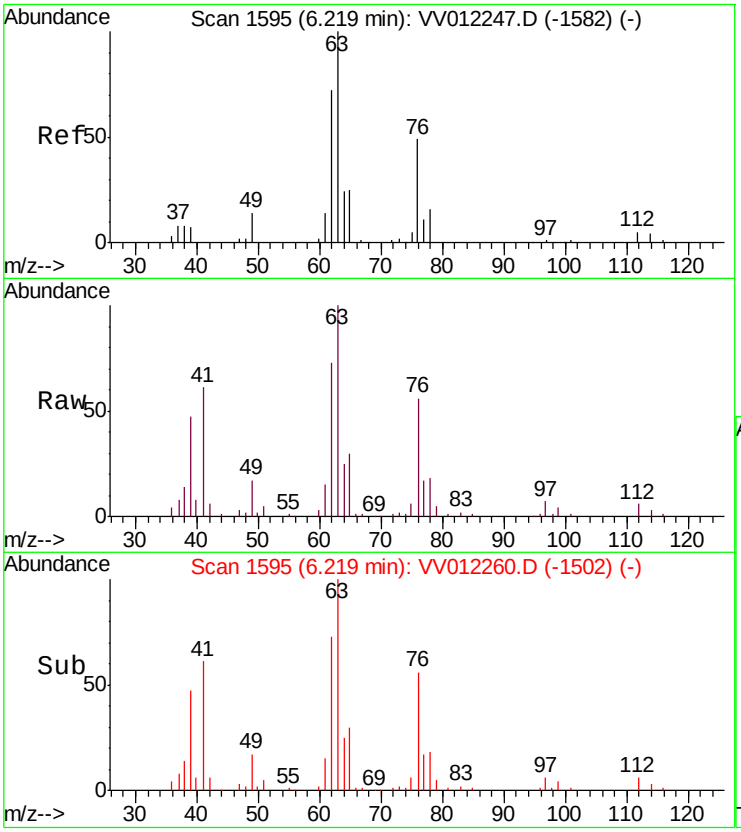


#35
Methylcyclohexane
Concen: 4.420 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 83 Resp: 83224

Ion	Ratio	Lower	Upper
83	100		
55	71.0	62.2	93.2
98	52.8	39.2	58.8



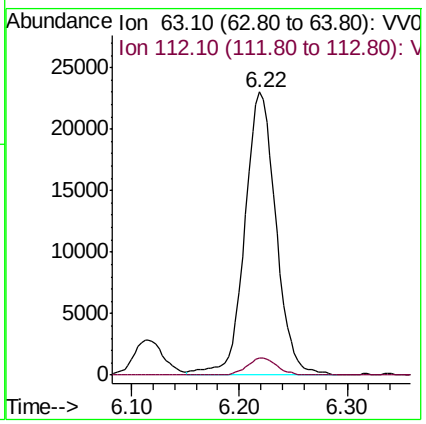


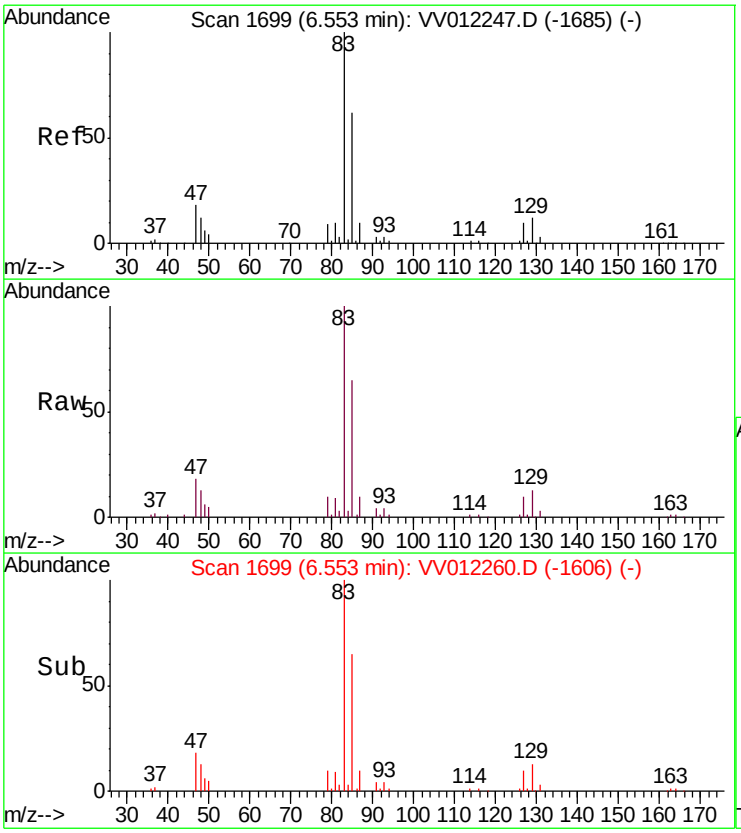
#37
1,2-Dichloropropane
Concen: 4.133 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Tgt Ion: 63 Resp: 46133

Ion	Ratio	Lower	Upper
63	100		
112	5.8	3.8	5.8#

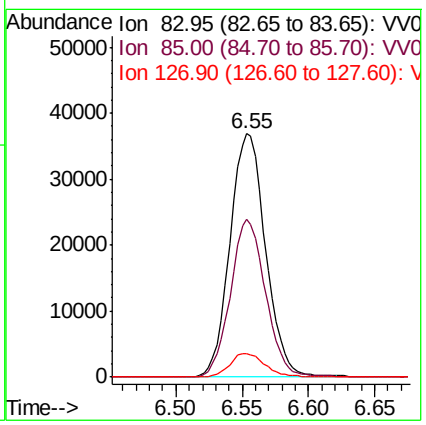


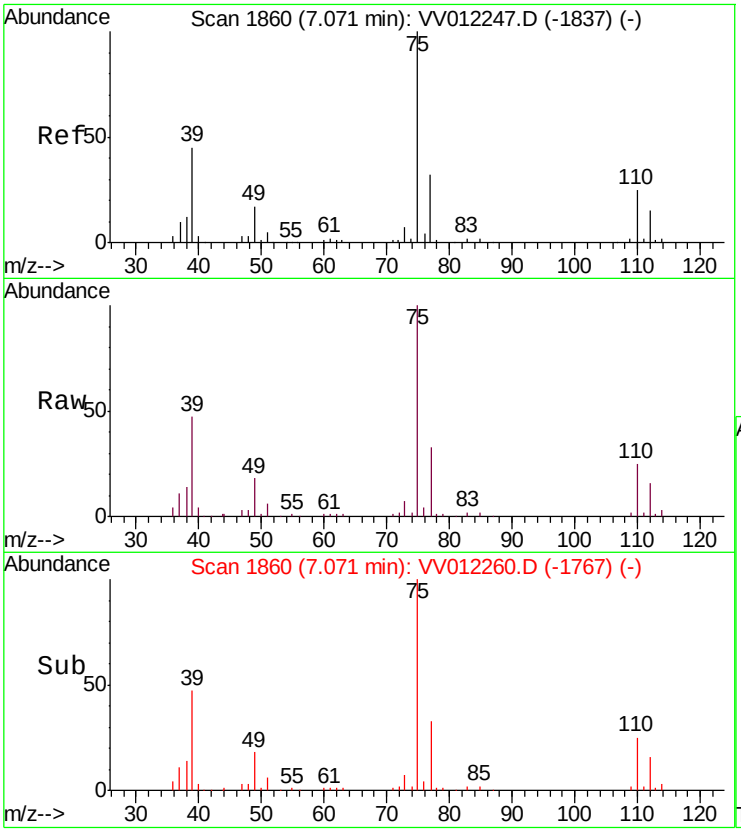


#38
Bromodichloromethane
Concen: 4.789 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 83 Resp: 68874

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.9	85.3
127	9.7	7.4	11.2



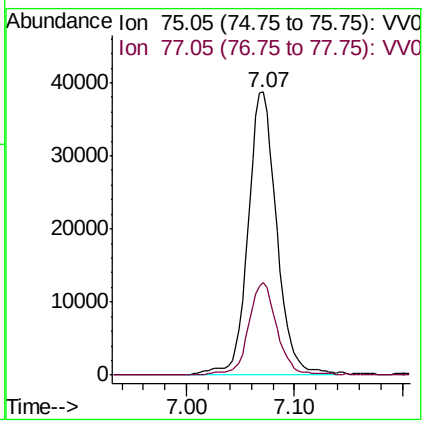


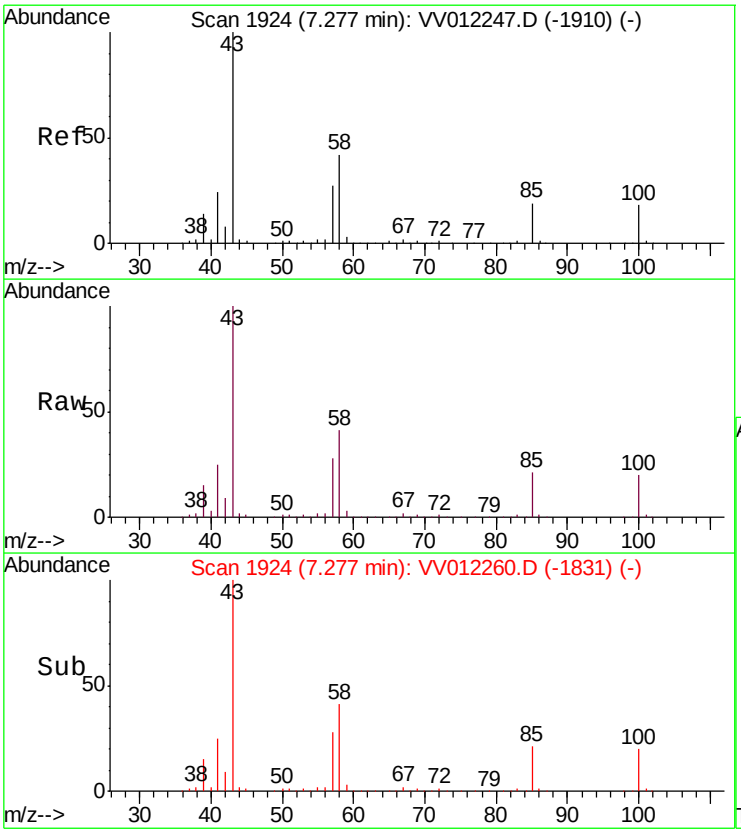
#39
cis-1,3-Dichloropropene
Concen: 4.647 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 75 Resp: 71440

Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.2	41.2

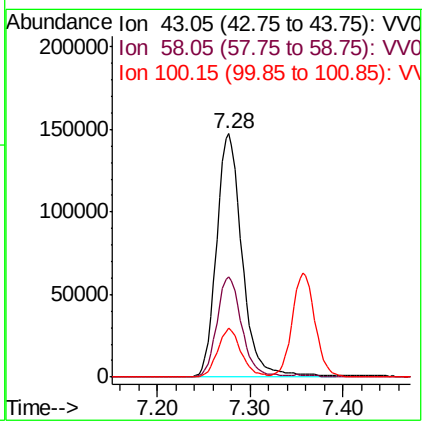


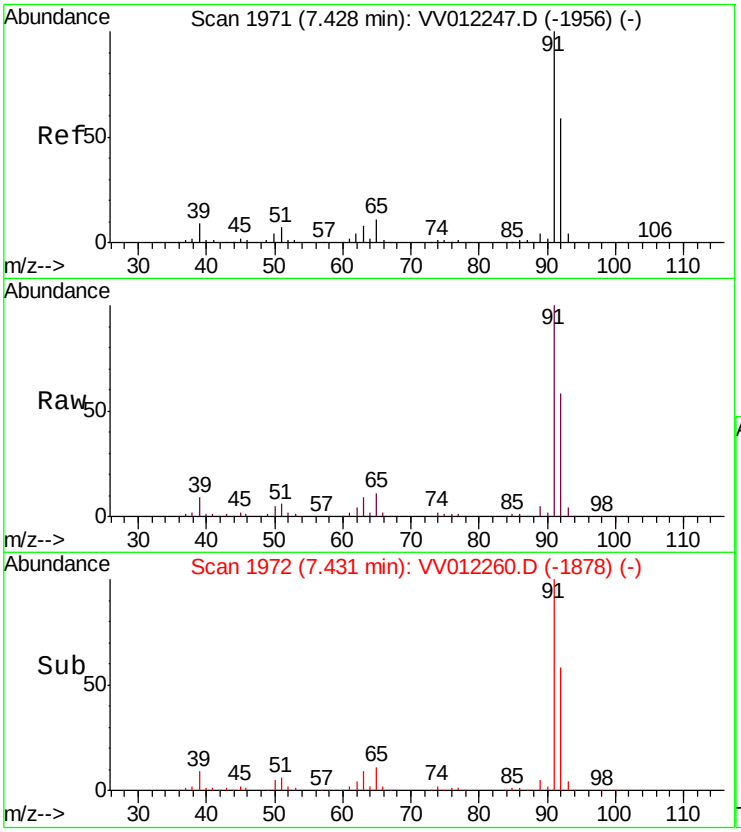


#40
4-Methyl-2-pentanone
Concen: 46.081 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 43 Resp: 282794

Ion	Ratio	Lower	Upper
43	100		
58	39.9	30.7	46.1
100	18.5	12.5	18.7



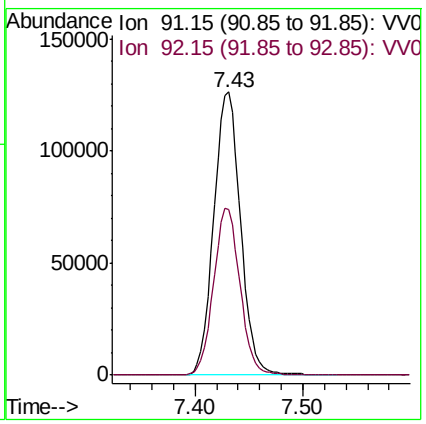


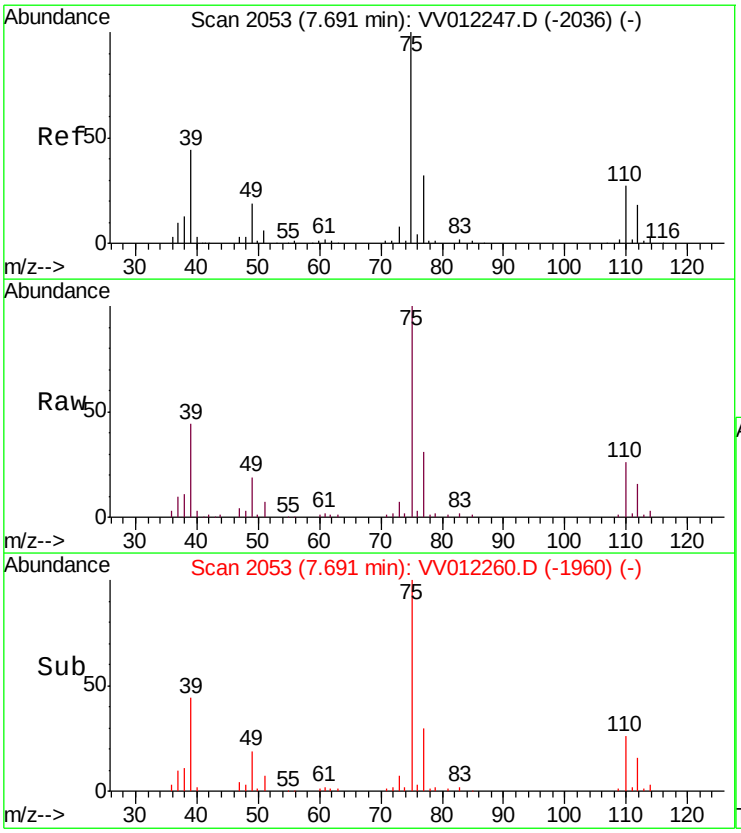
#42
Toluene
Concen: 4.582 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 91 Resp: 218109

Ion	Ratio	Lower	Upper
91	100		
92	58.5	39.8	73.8

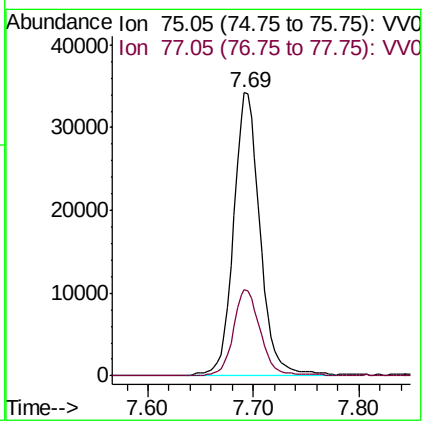


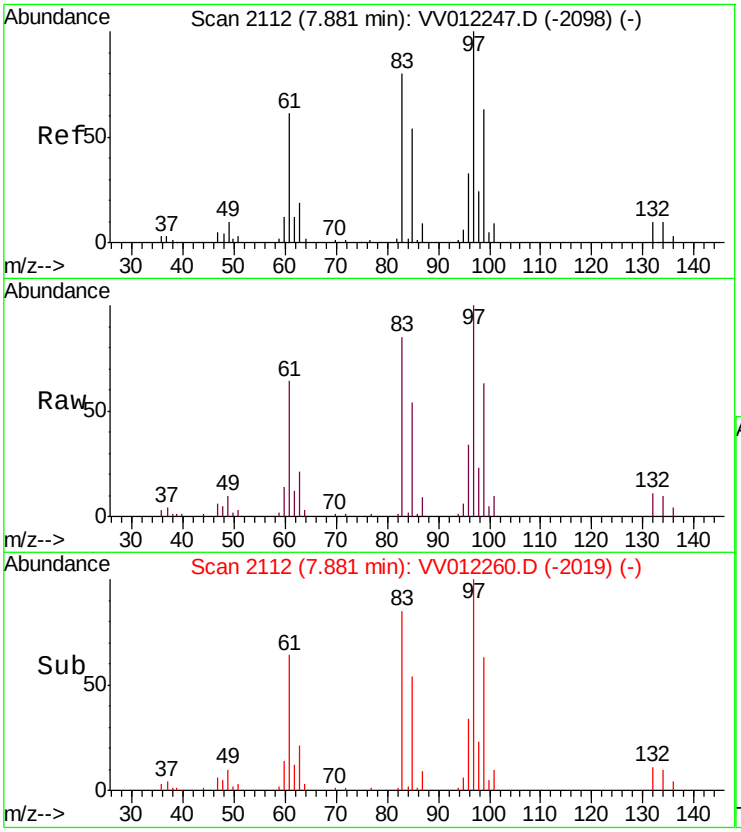


#44
trans-1,3-Dichloropropene
Concen: 4.913 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 75 Resp: 59430

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.5	41.7



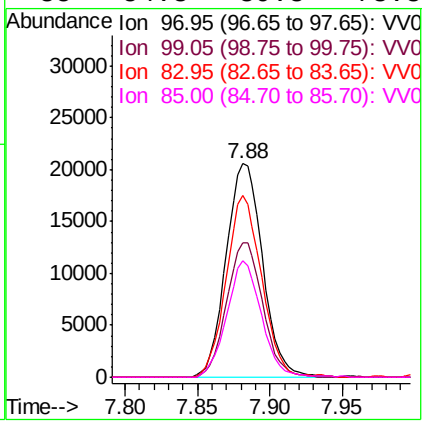


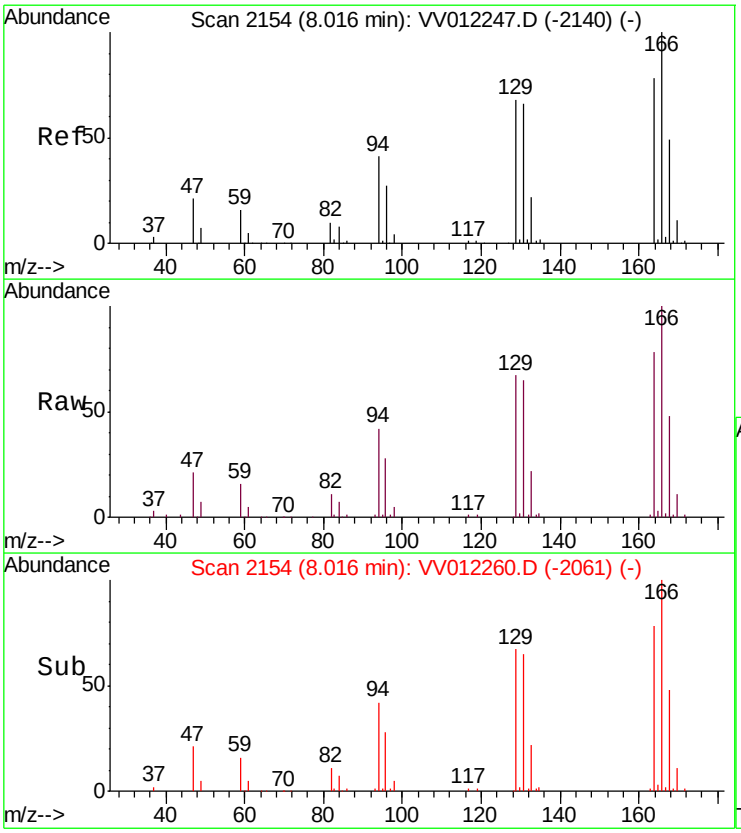
#45
1,1,2-Trichloroethane
Concen: 4.816 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 97 Resp: 35860

Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.4	84.2
83	85.1	60.1	111.5
85	54.3	39.8	73.8

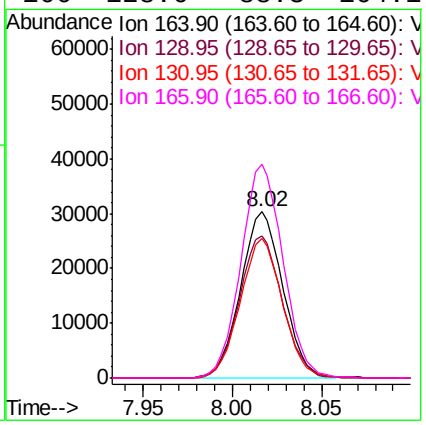


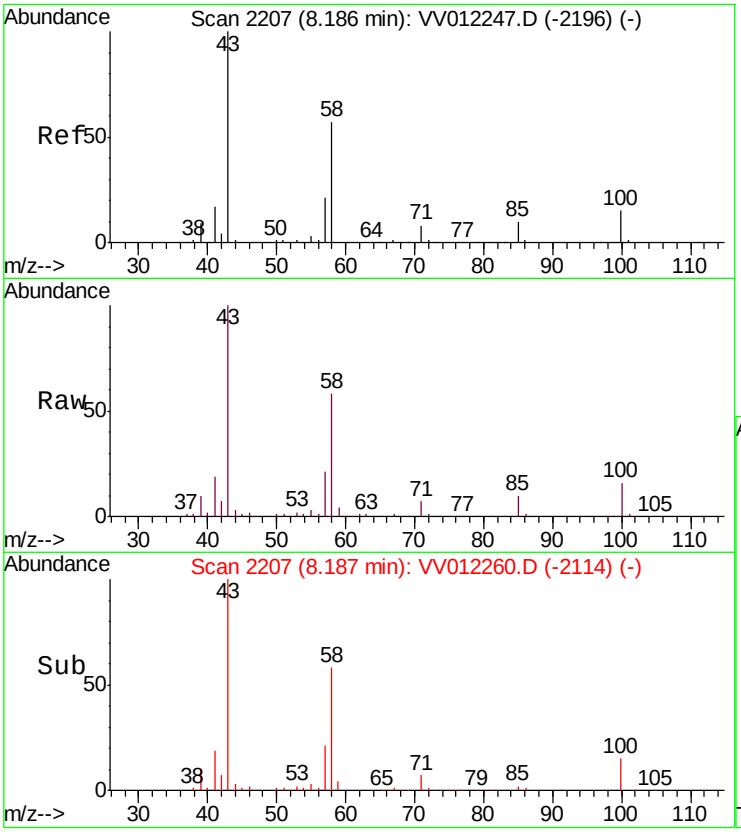


#47
Tetrachloroethene
Concen: 5.030 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:164 Resp: 50245

Ion	Ratio	Lower	Upper
164	100		
129	85.7	65.8	122.2
131	83.9	61.9	114.9
166	128.6	88.3	164.1



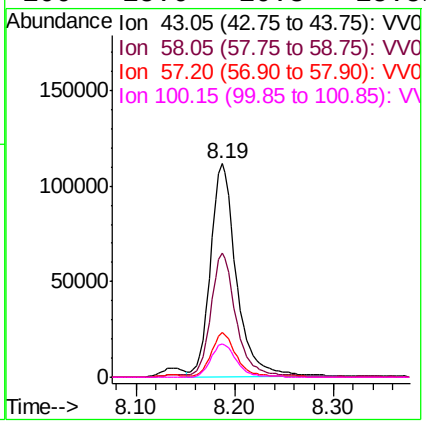


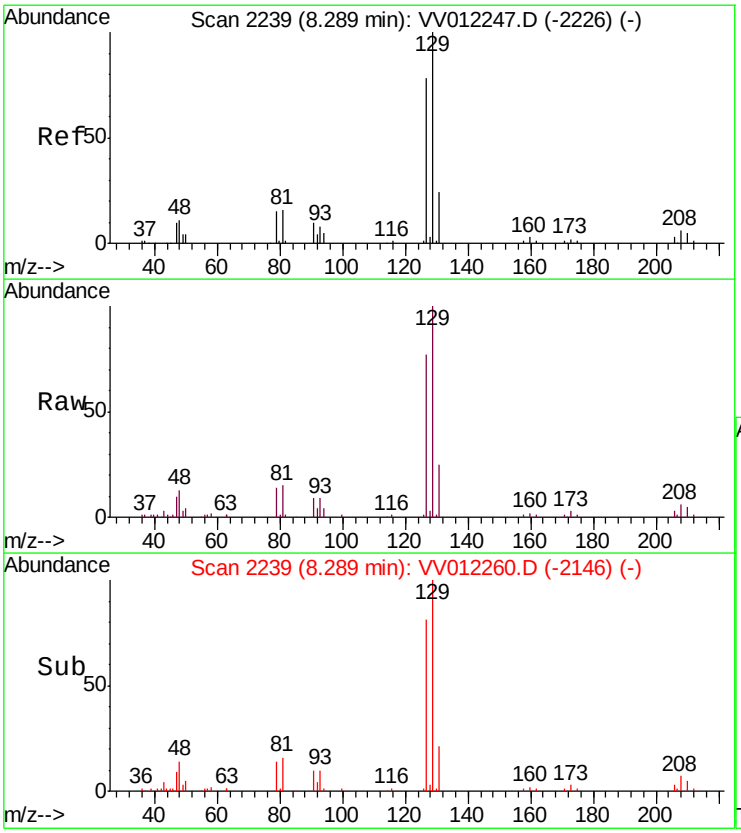
#48
2-Hexanone
Concen: 47.140 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument : MSVOA_V
ClientSampleId : VSTD00542

Tgt Ion: 43 Resp: 203904

Ion	Ratio	Lower	Upper
43	100		
58	56.3	43.0	64.4
57	19.9	14.9	22.3
100	15.6	10.3	15.5#

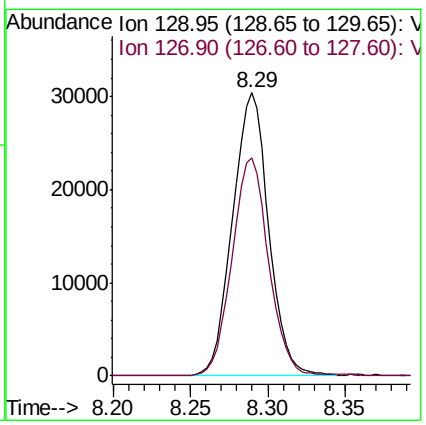


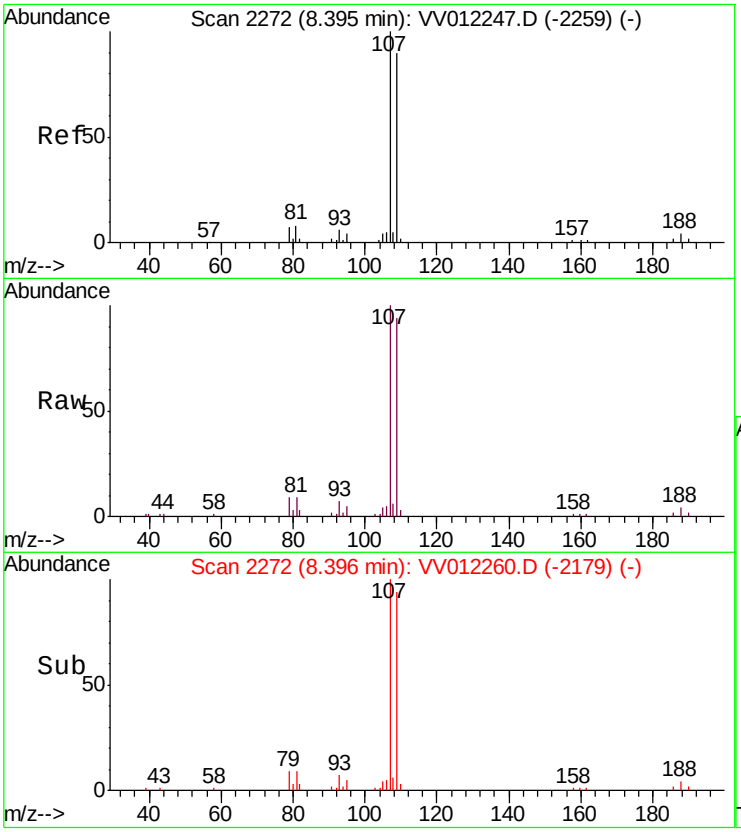


#49
Dibromochloromethane
Concen: 5.332 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:129 Resp: 49280

Ion	Ratio	Lower	Upper
129	100		
127	77.0	51.0	94.8



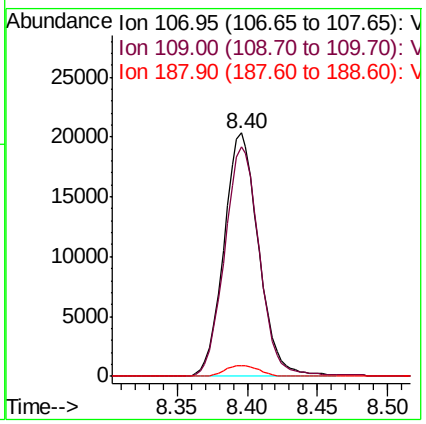


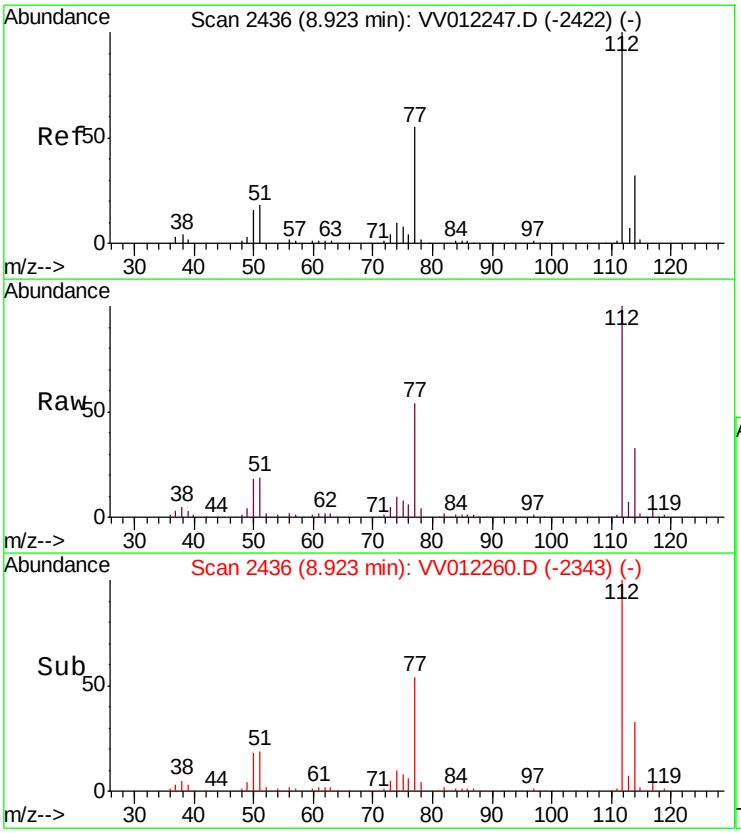
#50
1,2-Dibromoethane
Concen: 4.866 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:107 Resp: 34997

Ion	Ratio	Lower	Upper
107	100		
109	94.2	67.3	125.1
188	4.2	3.4	5.0

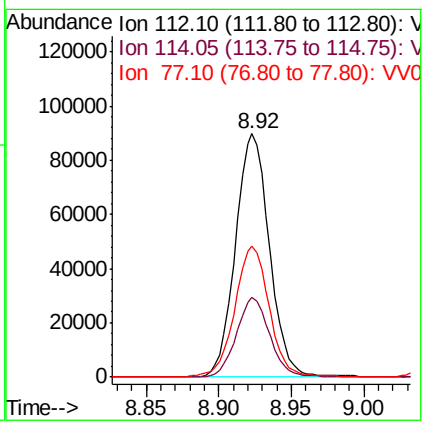


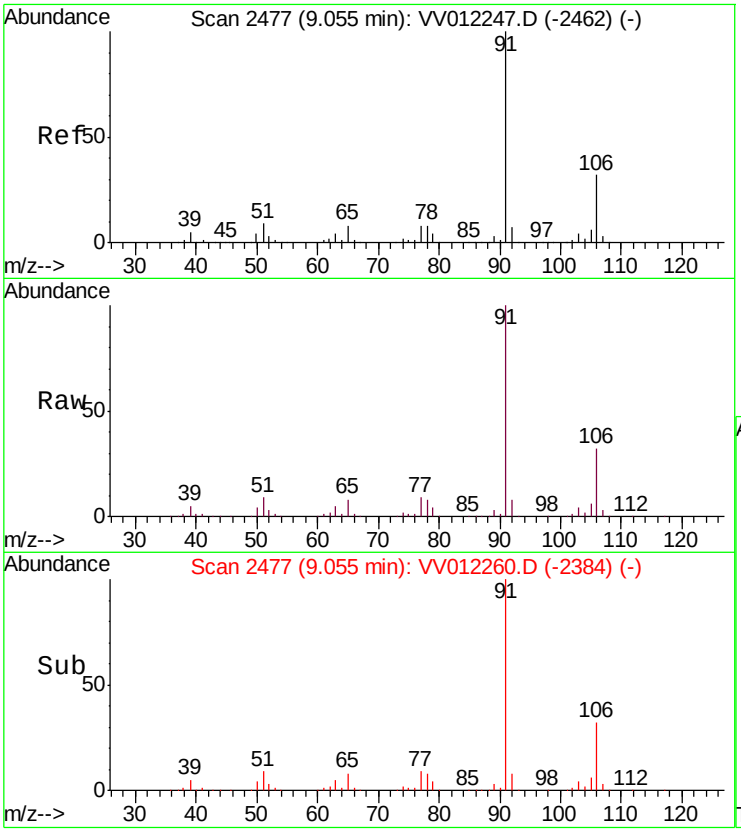


#51
Chlorobenzene
Concen: 4.733 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:112 Resp: 145867

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.8	42.4
77	53.9	45.4	68.2



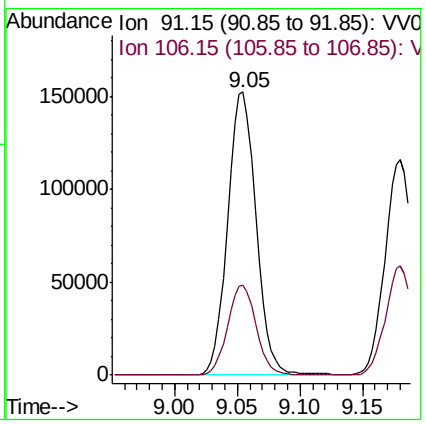


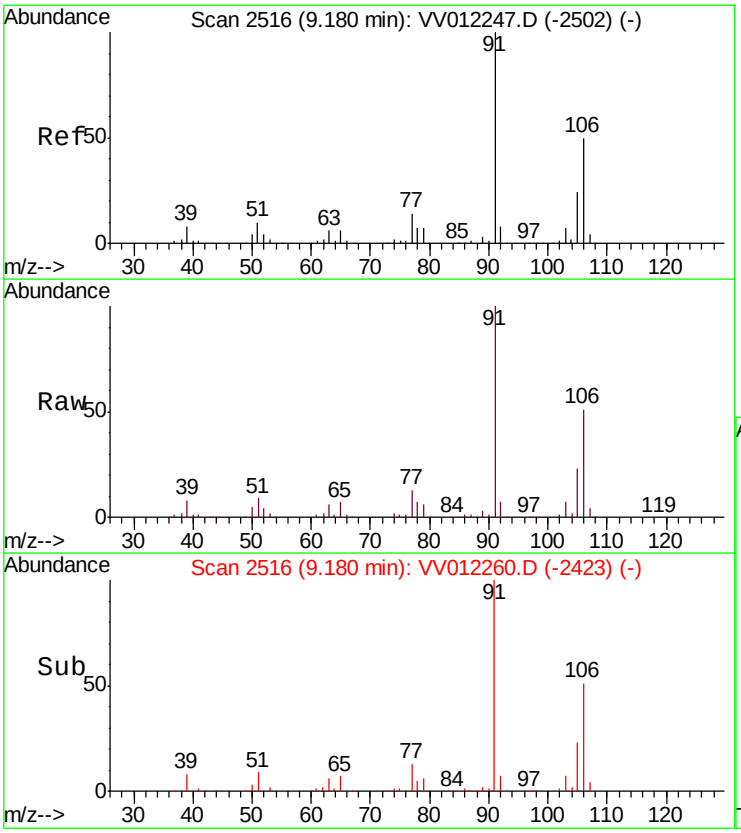
#52
Ethylbenzene
Concen: 4.755 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 91 Resp: 241206

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.3	41.3

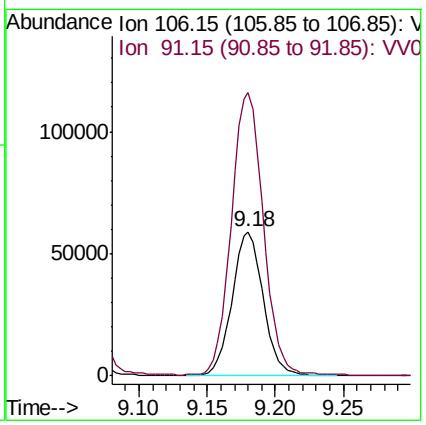


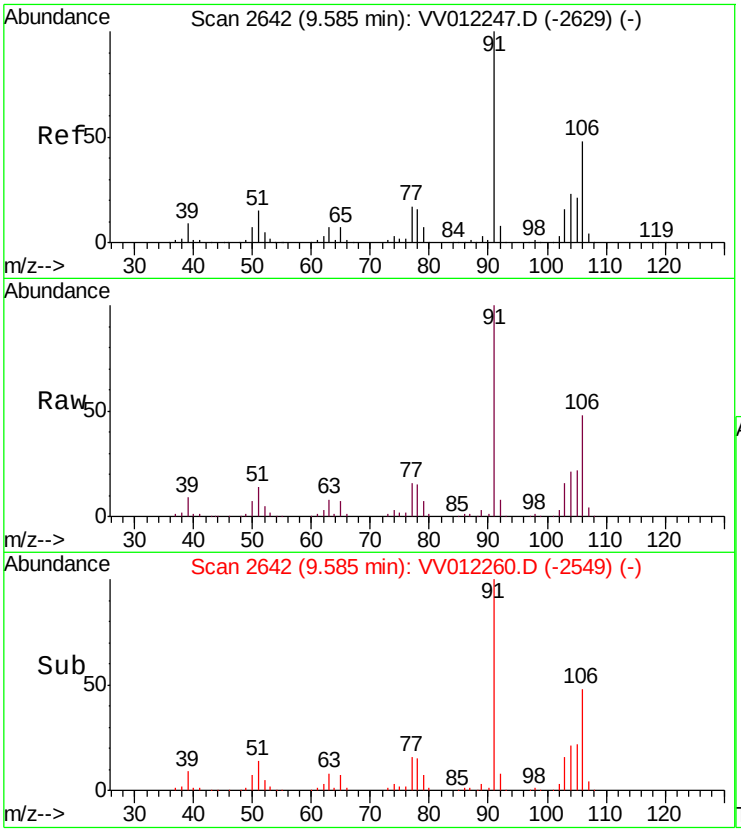


#53
m,p-xylene
Concen: 4.750 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:106 Resp: 92527

Ion	Ratio	Lower	Upper
106	100		
91	196.6	137.5	255.3



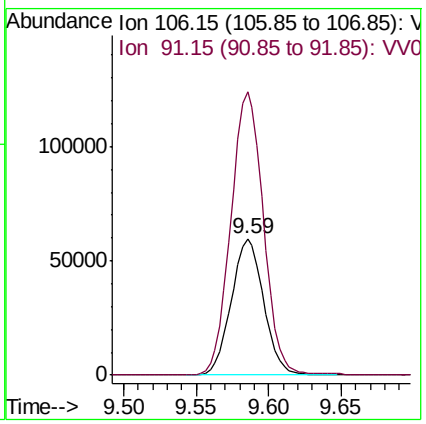


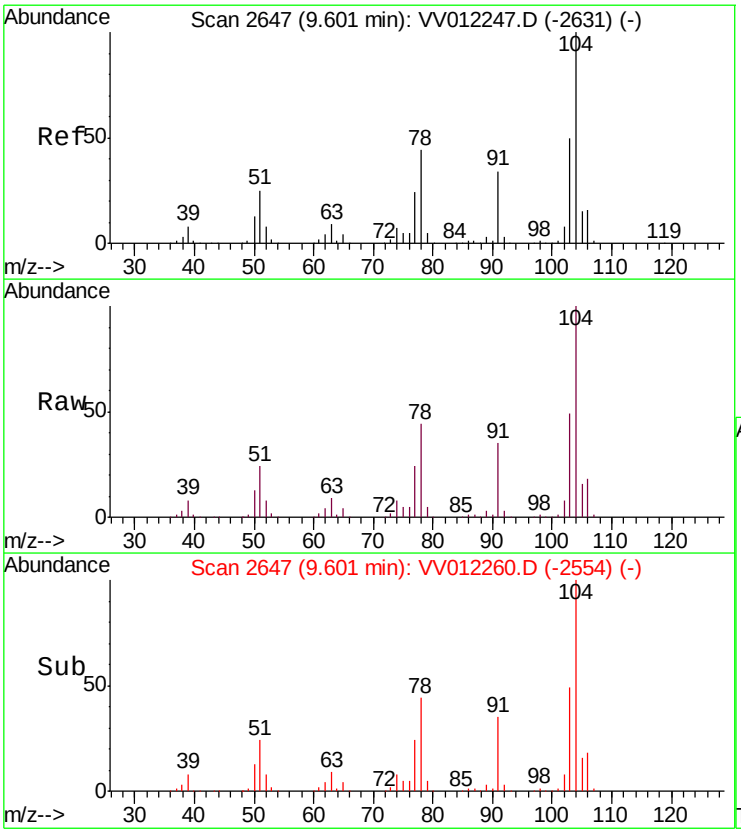
#54
o-xylene
Concen: 5.018 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:106 Resp: 92506

Ion	Ratio	Lower	Upper
106	100		
91	207.5	151.1	280.7

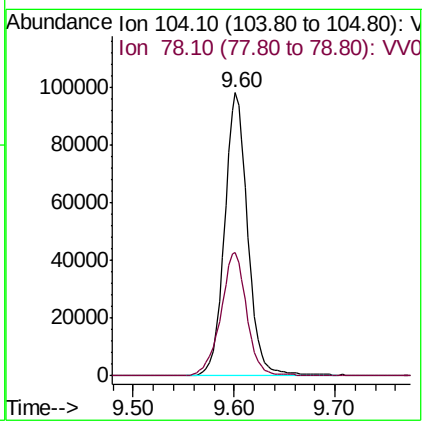


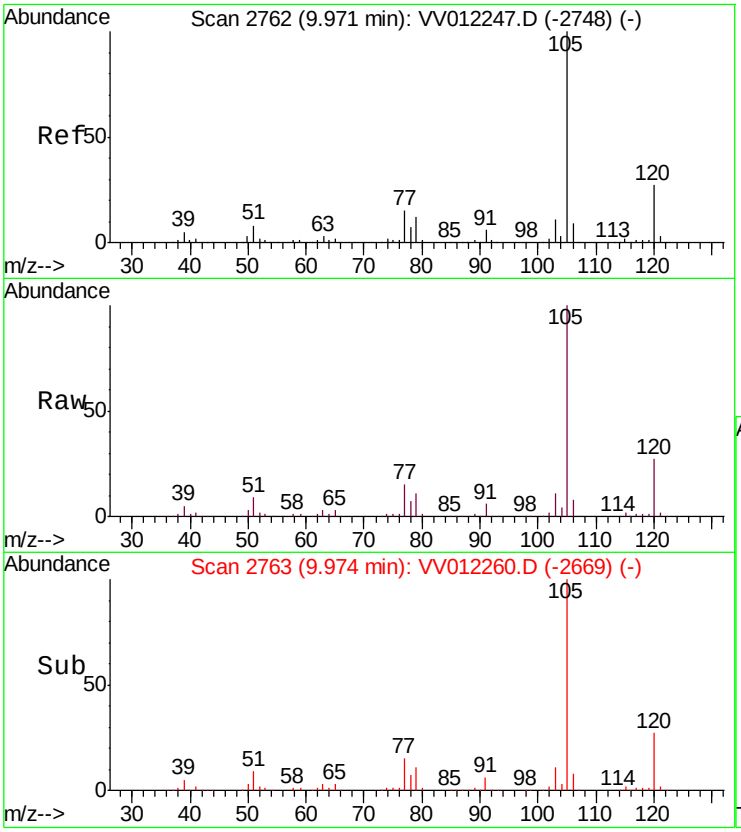


#55
Styrene
Concen: 5.111 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:104 Resp: 157461

Ion	Ratio	Lower	Upper
104	100		
78	43.6	30.3	56.3



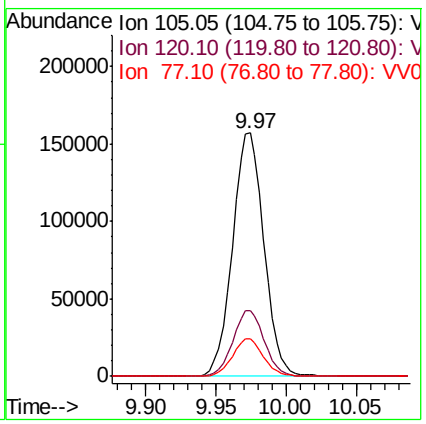


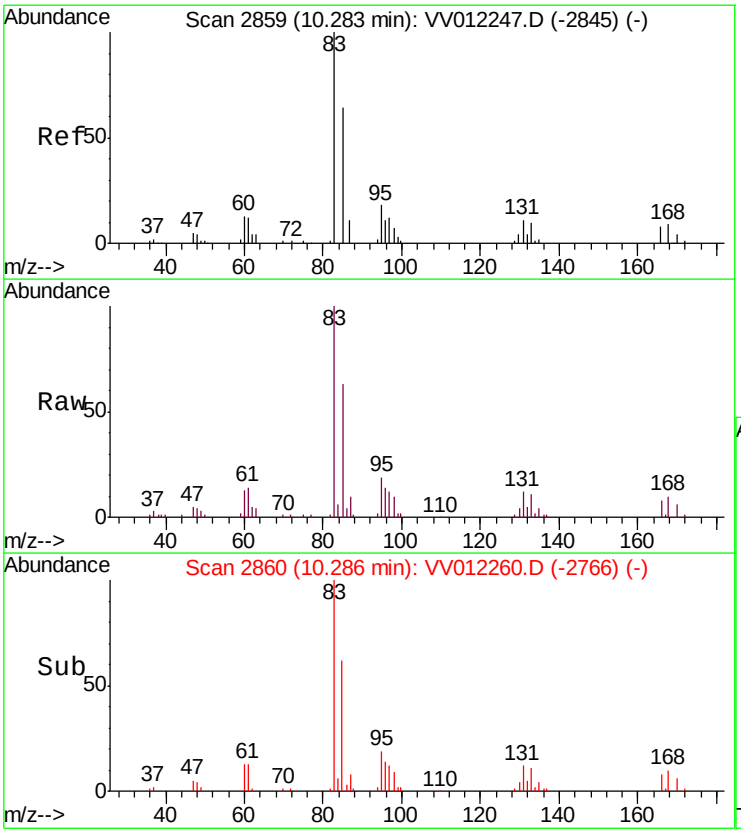
#56
Isopropylbenzene
Concen: 4.976 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:105 Resp: 245319

Ion	Ratio	Lower	Upper
105	100		
120	27.1	22.0	33.0
77	15.2	12.5	18.7

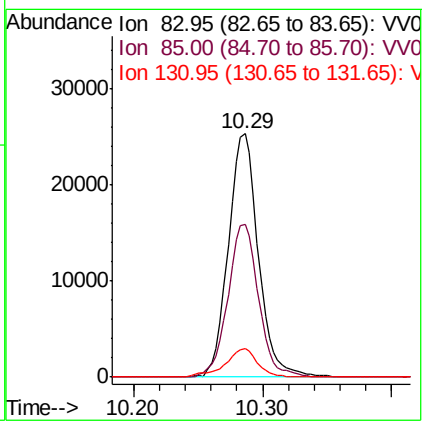


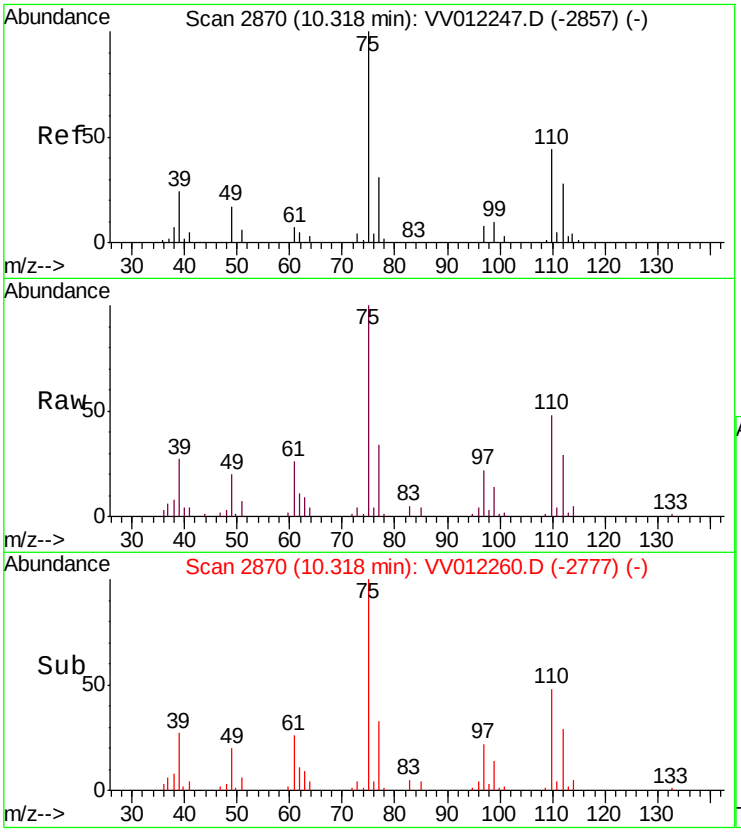


#58
1,1,2,2-Tetrachloroethane
Concen: 4.728 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 83 Resp: 40838

Ion	Ratio	Lower	Upper
83	100		
85	62.9	45.0	83.6
131	11.5	8.3	12.5



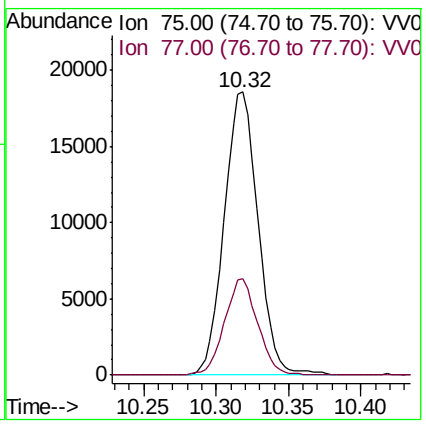


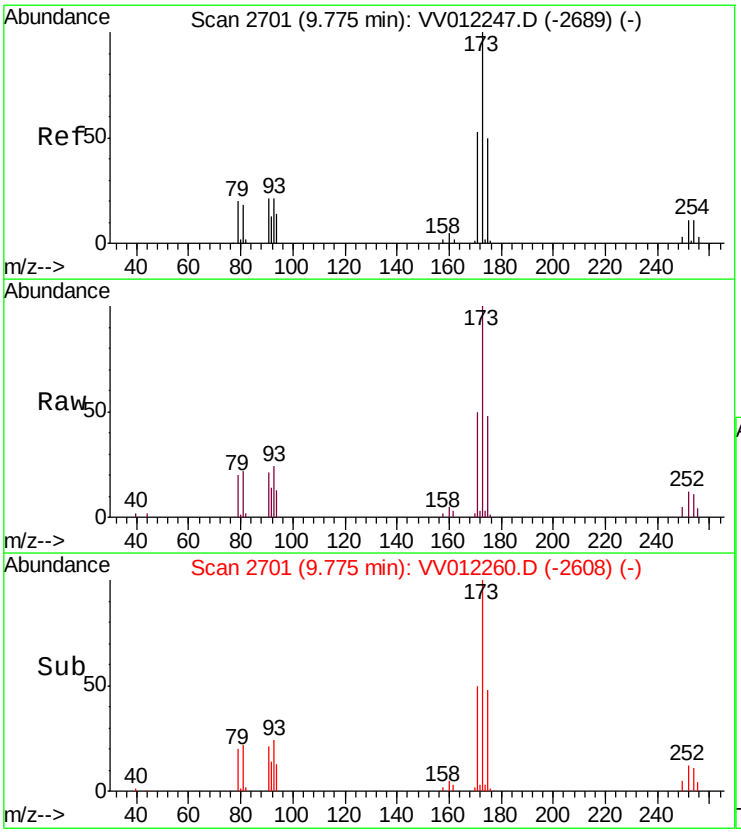
#59
1,2,3-Trichloropropane
Concen: 4.756 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 75 Resp: 30117

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.0	37.6

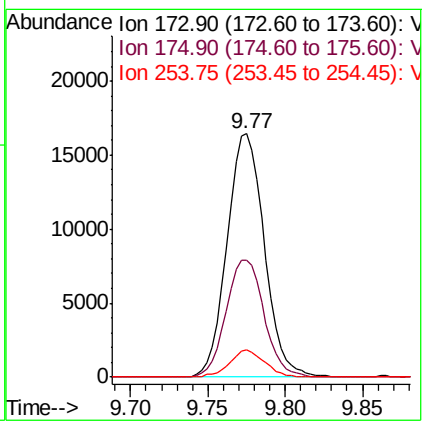


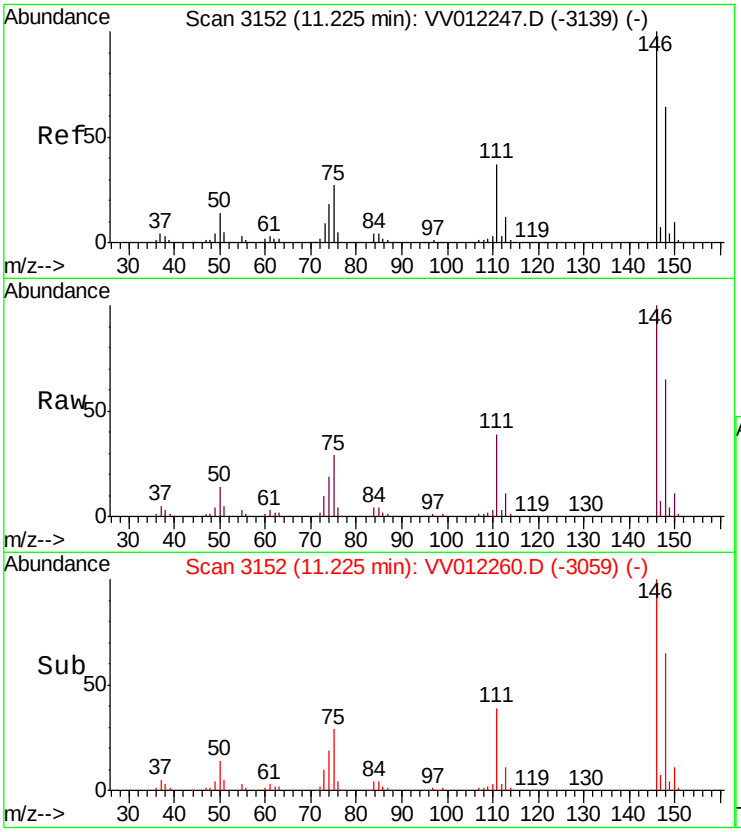


#61
Bromoform
Concen: 5.311 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:173 Resp: 27506

Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.8	58.2
254	10.3	7.6	11.4



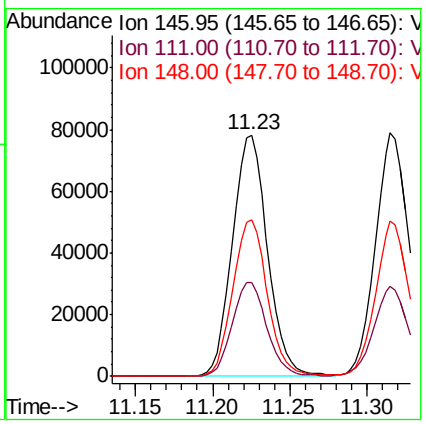


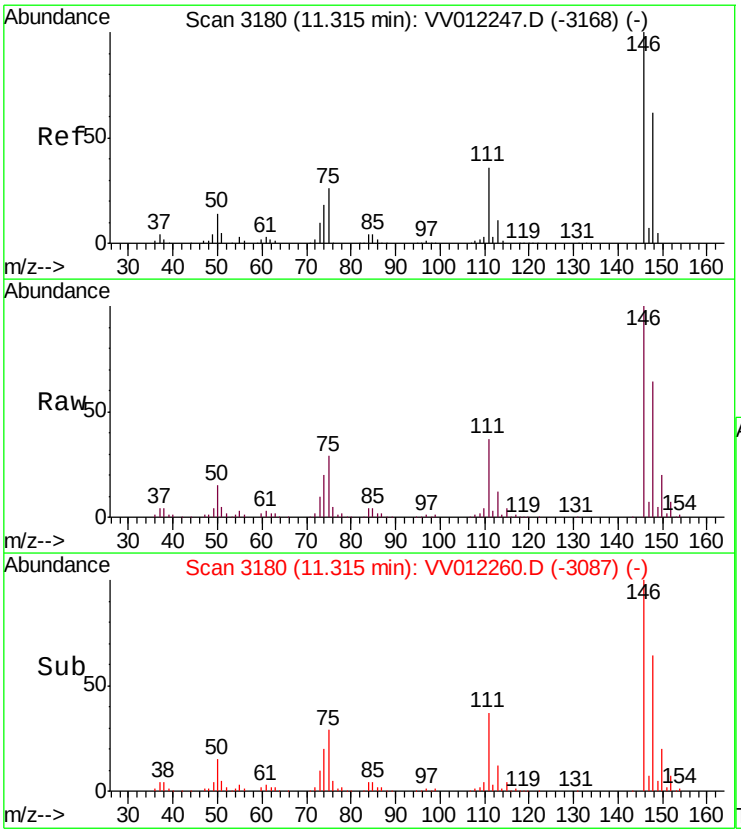
#62
1,3-Dichlorobenzene
Concen: 4.613 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:146 Resp: 123354

Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.9	50.1
148	64.7	45.0	83.6

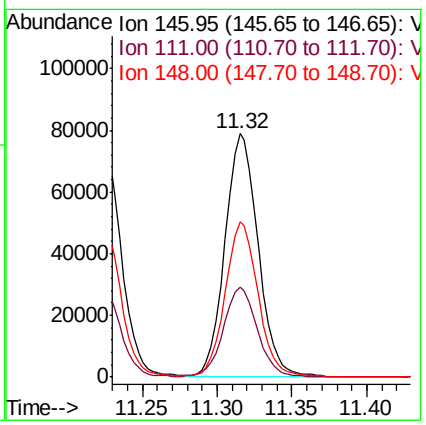


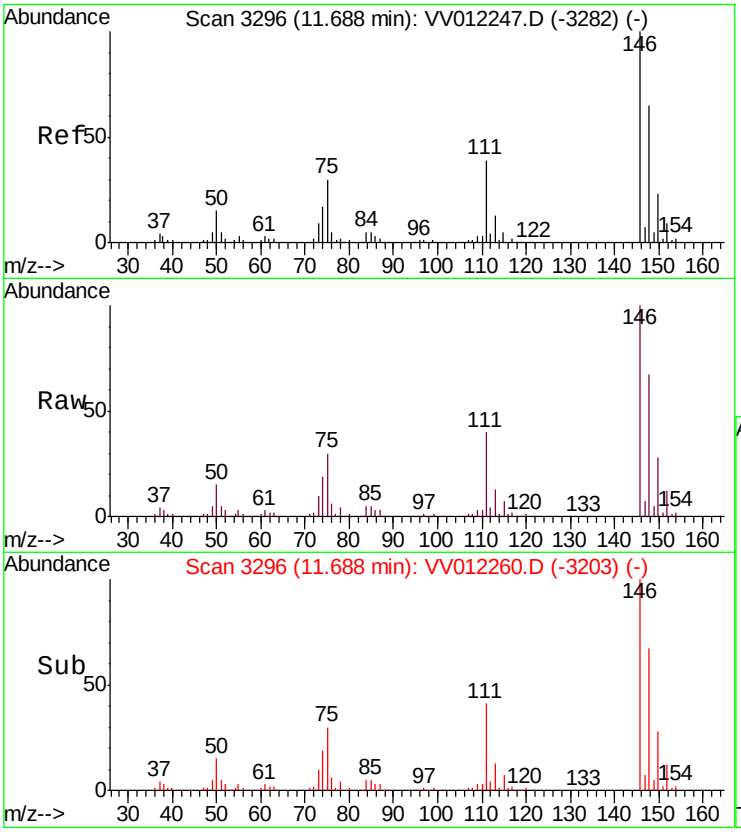


#63
1,4-Dichlorobenzene
Concen: 4.574 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:146 Resp: 121904

Ion	Ratio	Lower	Upper
146	100		
111	36.9	27.0	50.2
148	63.9	44.5	82.7



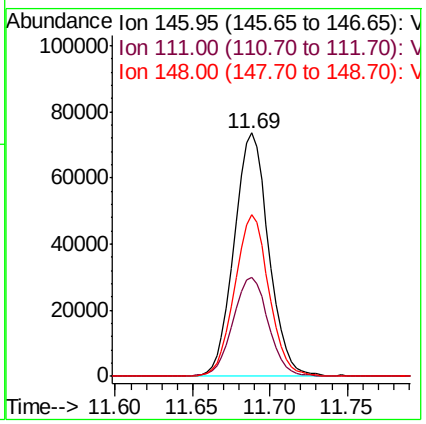


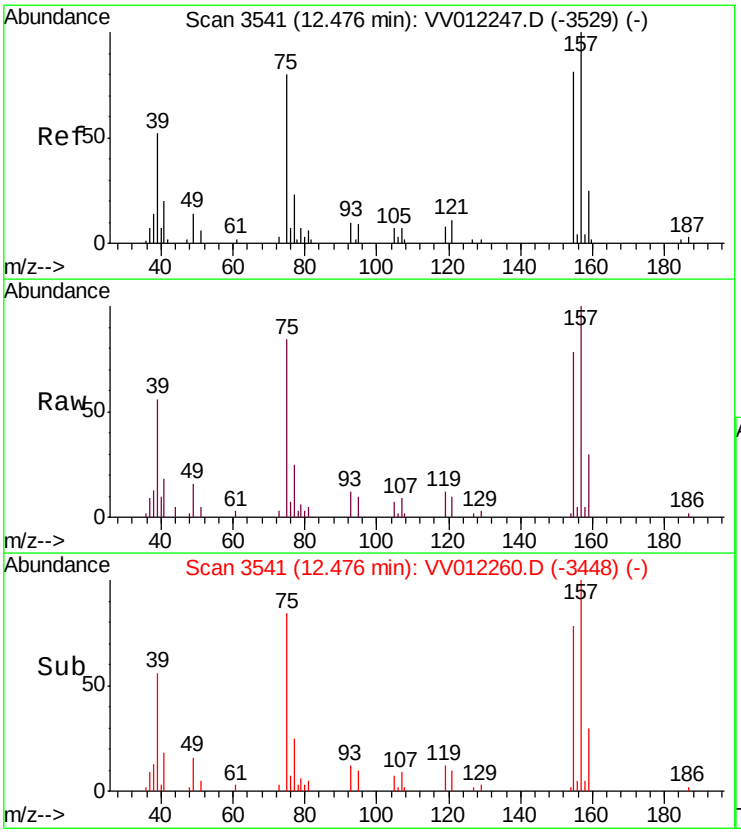
#65
1,2-Dichlorobenzene
Concen: 4.655 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:146 Resp: 114202

Ion	Ratio	Lower	Upper
146	100		
111	40.5	33.0	49.4
148	66.6	51.1	76.7

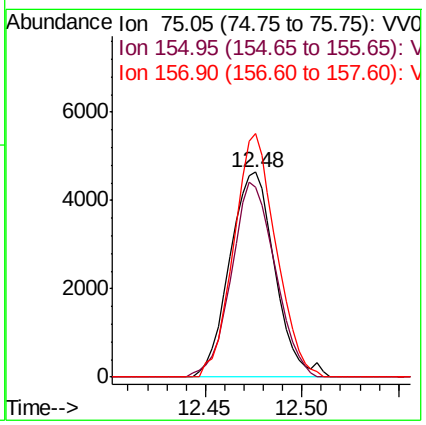


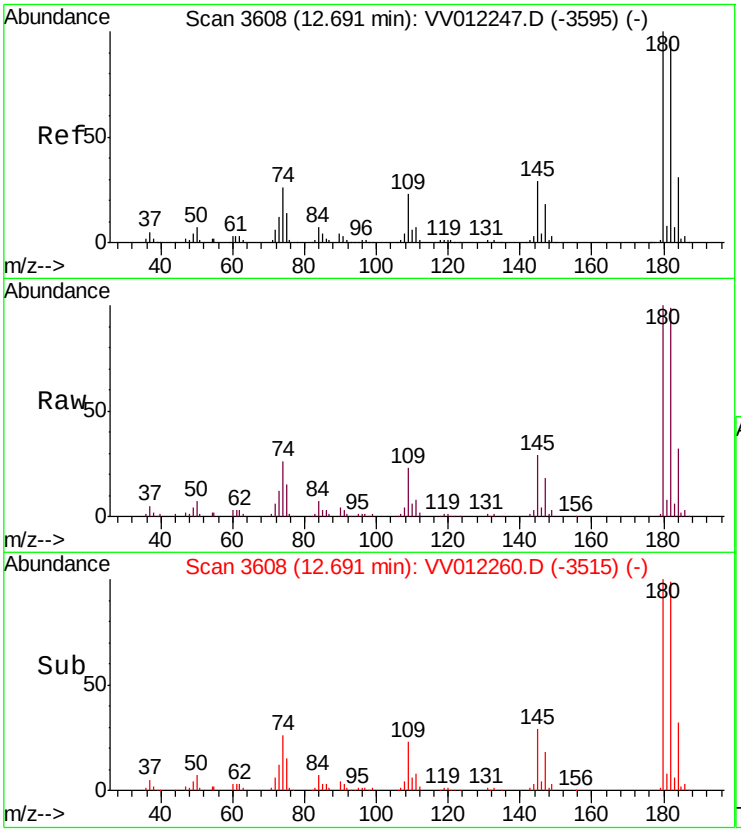


#66
1,2-Dibromo-3-chloropropane
Concen: 4.815 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion: 75 Resp: 7522

Ion	Ratio	Lower	Upper
75	100		
155	93.1	70.8	106.2
157	119.0	83.5	125.3



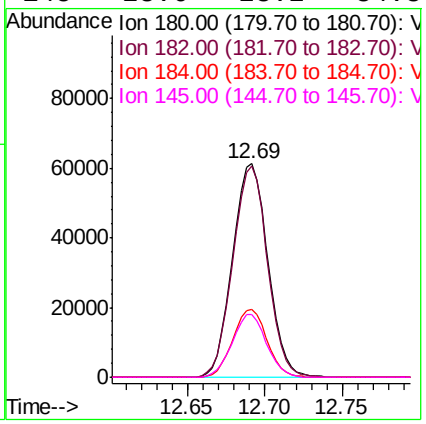


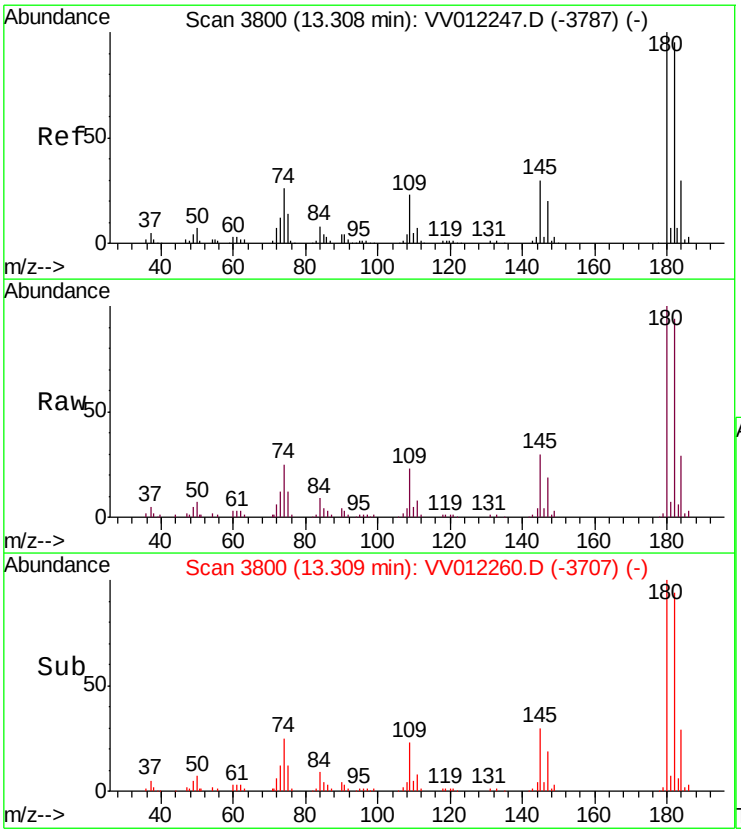
#67
1,3,5-Trichlorobenzene
Concen: 4.795 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:180 Resp: 96828

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.3	114.5
184	31.0	24.6	36.8
145	28.6	23.2	34.8

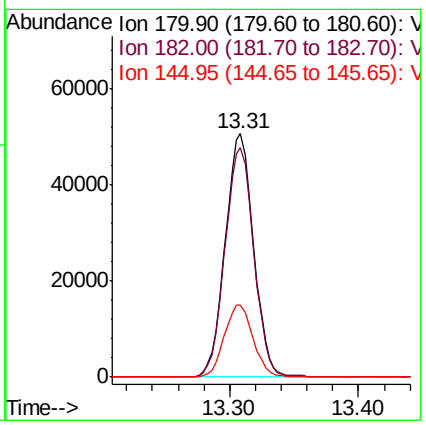


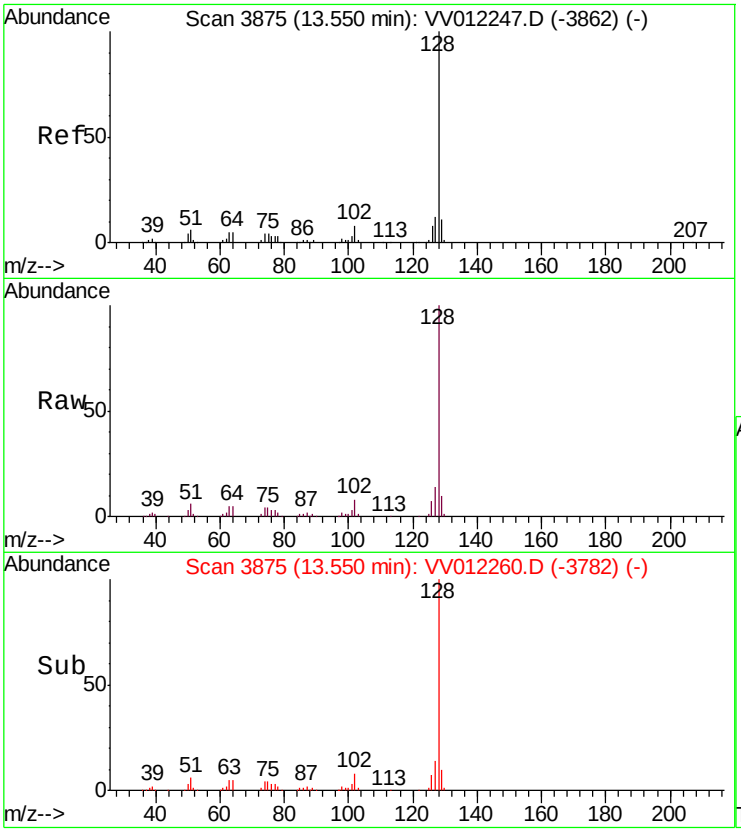


#68
1,2,4-trichlorobenzene
Concen: 5.145 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:180 Resp: 77227

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.2	115.8
145	29.9	23.9	35.9



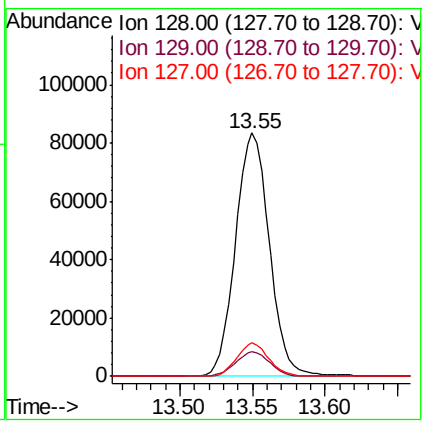


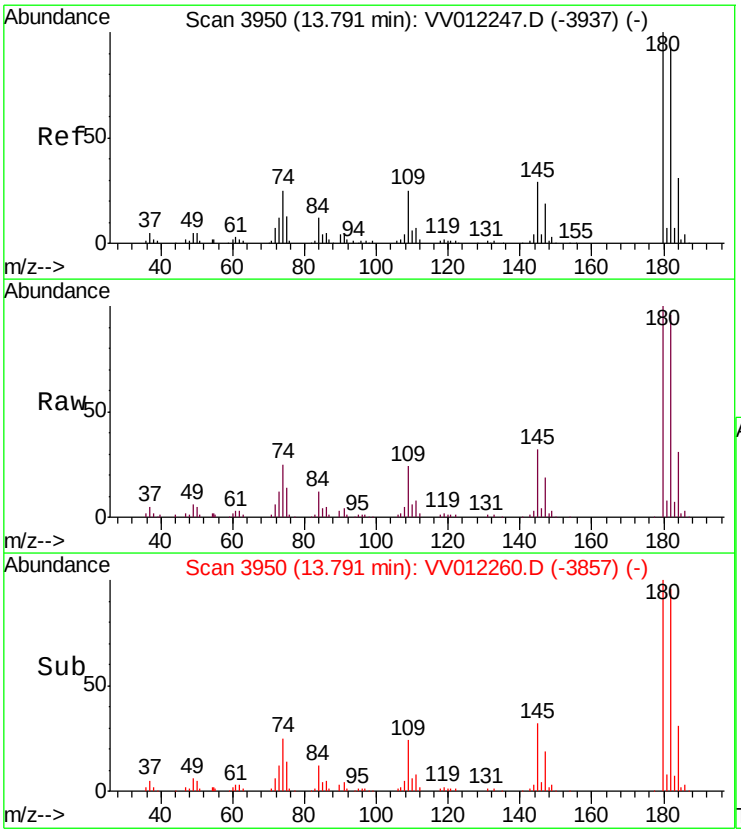
#69
Naphthalene
Concen: 6.249 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion:128 Resp: 135593

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	12.9	10.1	15.1





#70
1,2,3-Trichlorobenzene
Concen: 5.250 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV012260.D
Acq: 15 Aug 2019 20:50

Tgt Ion:180 Resp: 74415

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.0	112.4
145	31.8	24.8	37.2