Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013249.D
Acq On : 21 Oct 2019 17:23
Operator : SY/MD
Sample : VSTD02035
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02035

Quant Time: Oct 22 01:55:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 01:49:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	484396	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	506484	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	335134	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	784437	16.63	ug/L		0.00
7) Chloroethane-d5	1.58	69	623561	16.44	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	1325721	17.62	ug/L		0.00
20) 2-Butanone-d5	3.94	46	1587016	166.46	ug/L		-0.05
24) Chloroform-d	4.40	84	1753146	18.57	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	797922	17.91	ug/L		0.00
32) Benzene-d6	5.10	84	3629904	19.14	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	1072673	18.93	ug/L		-0.01
41) Toluene-d8	7.36	98	3506888	20.76	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.66	79	414042	20.34	ug/L		0.00
46) 2-Hexanone-d5	8.13	63	1517406	187.58	ug/L		-0.01
57) 1,1,2,2-Tetrachloroethane-	10.26	84	770917	18.96	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	1344418	19.20	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	1125755	18.835	ug/L		99
3) Chloromethane	1.25	50	998849	17.687	ug/L		99
5) Vinyl chloride	1.32	62	1027888	20.403	ug/L		100
6) Bromomethane	1.53	94	568057	20.145	ug/L		99
8) Chloroethane	1.60	64	565429	19.413	ug/L		100
9) Trichlorofluoromethane	1.77	101	1380625	19.176	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	822301	20.041	ug/L		100
12) 1,1-Dichloroethene	2.14	96	784132	20.007	ug/L		98
13) Acetone	2.21	43	694931	146.588	ug/L	#	67
14) Carbon disulfide	2.31	76	2266114	20.311	ug/L		100
15) Methyl Acetate	2.46	43	261074	23.625	ug/L		95
16) Methylene chloride	2.53	84	1006465	21.022	ug/L		94
17) Methyl tert-butyl Ether	2.80	73	2115910	21.001	ug/L		97
18) trans-1,2-Dichloroethene	2.79	96	1051418	21.293	ug/L		91
19) 1,1-Dichloroethane	3.23	63	1863732	21.301	ug/L		97
21) 2-Butanone	4.03	43	1852379	170.198	ug/L		96
22) cis-1,2-Dichloroethene	3.96	96	1127898	22.141	ug/L	#	88
23) Bromochloromethane	4.30	128	479773	20.279	ug/L		98
25) Chloroform	4.42	83	1875054	19.243	ug/L		99
27) 1,2-Dichloroethane	5.18	62	1040659	19.477	ug/L		99
29) 1,1,1-Trichloroethane	4.66	97	1622909	20.772	ug/L		99
30) Cyclohexane	4.72	56	1822751	22.727	ug/L		100
31) Carbon tetrachloride	4.87	117	1479213	21.391	ug/L		99
33) Benzene	5.14	78	4239991	20.885	ug/L		100
34) Trichloroethene	5.96	95	1120281	21.193	ug/L		99
35) Methylcyclohexane	6.17	83	1942570	24.115	ug/L		97
37) 1,2-Dichloropropane	6.22	63	1028818	20.646	ug/L		99
38) Bromodichloromethane	6.55	83	1297983	20.486	ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	1540816	23.107	ug/L		99
40) 4-Methyl-2-pentanone	7.27	43	5090271	191.472	ug/L		95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013249.D
Acq On : 21 Oct 2019 17:23
Operator : SY/MD
Sample : VSTD02035
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02035

Quant Time: Oct 22 01:55:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 01:49:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	4589031	21.959	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	1151882	22.516	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	686603	19.954	ug/L	97
47) Tetrachloroethene	8.02	164	1022357	21.951	ug/L	99
48) 2-Hexanone	8.18	43	3502513	182.475	ug/L	98
49) Dibromochloromethane	8.29	129	894116	21.671	ug/L	99
50) 1,2-Dibromoethane	8.39	107	648272	20.843	ug/L	98
51) Chlorobenzene	8.92	112	2925495	21.660	ug/L	98
52) Ethylbenzene	9.05	91	5054876	23.279	ug/L	100
53) m,p-xylene	9.18	106	2003268	24.364	ug/L	99
54) o-xylene	9.58	106	1905626	24.032	ug/L	98
55) Styrene	9.60	104	3254138	24.413	ug/L	99
56) Isopropylbenzene	9.97	105	5039767	24.096	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	806950	20.289	ug/L	95
59) 1,2,3-Trichloropropane	10.31	75	600227	20.745	ug/L	98
61) Bromoform	9.77	173	537936	19.920	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	2517637	21.091	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	2516017	21.075	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	2291691	20.312	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	121745	17.289	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	1896108	21.656	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1742072	23.040	ug/L	100
69) Naphthalene	13.55	128	2778470	24.103	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	1627463	21.688	ug/L	99

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

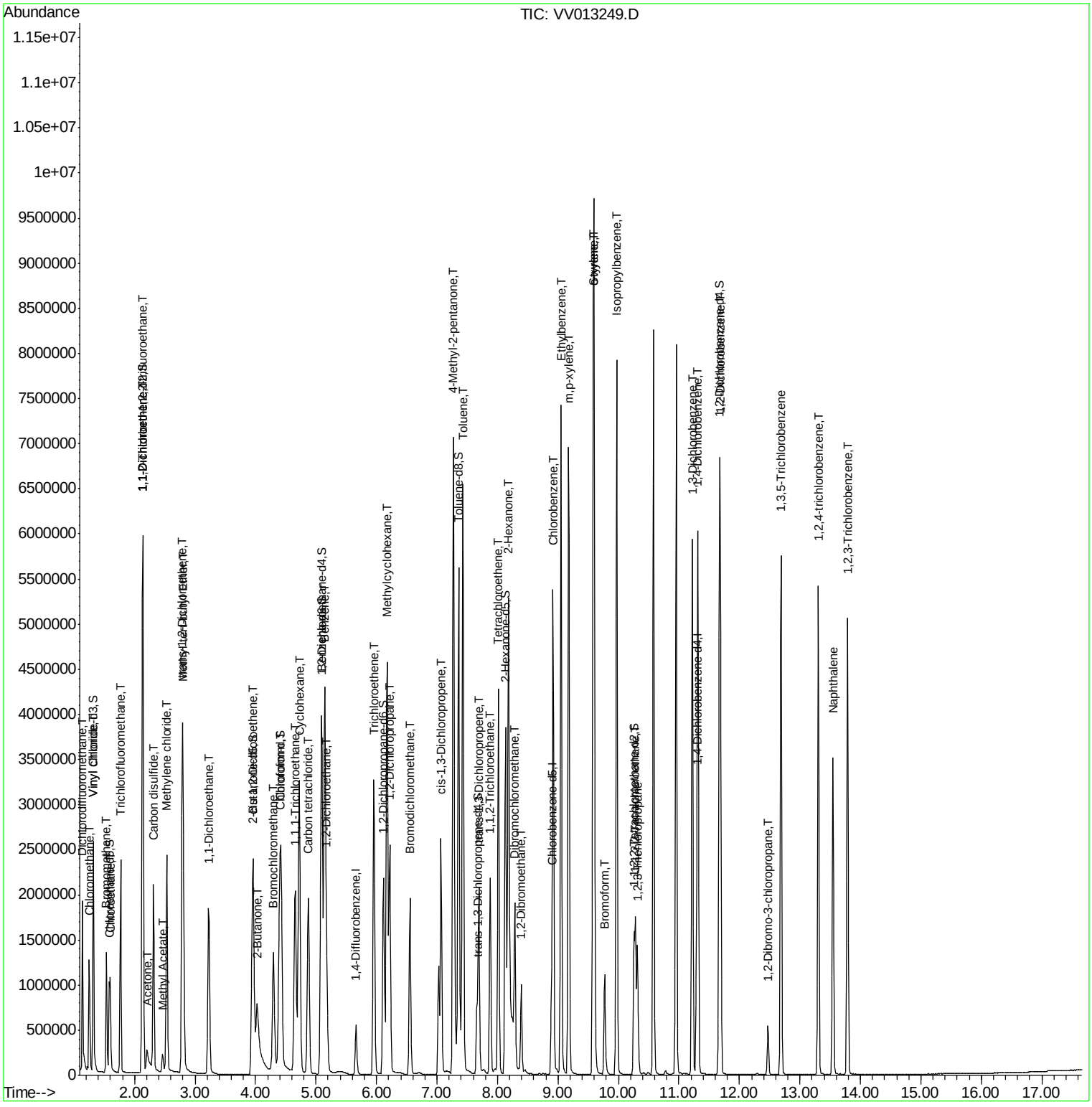
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

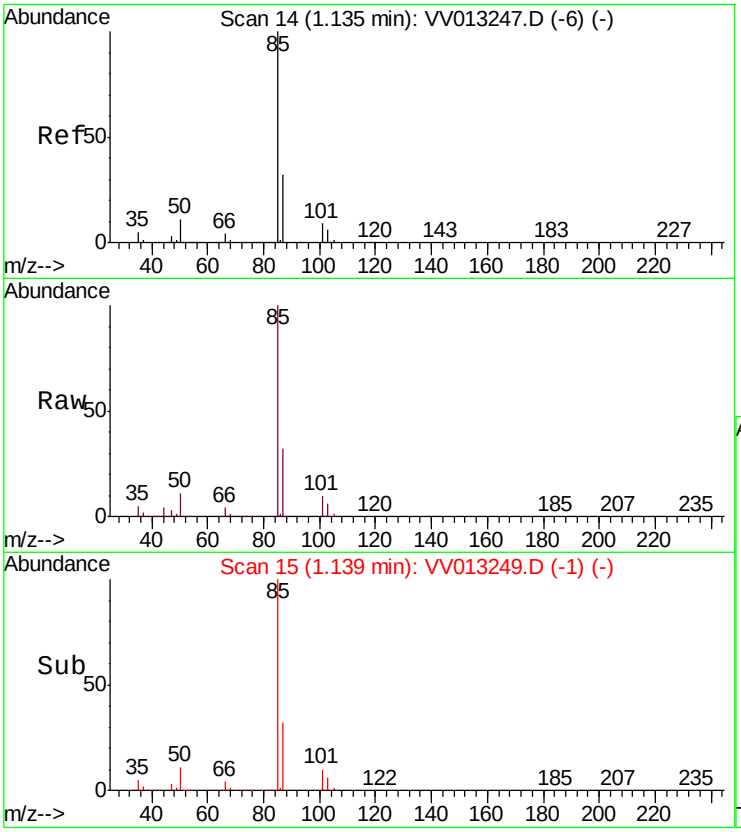
Quantitation Report (Not Reviewed)

Data File : VV013249.D
Acq On : 21 Oct 2019 17:23
Operator : SY/MD
Sample : VSTD02035
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Quant Time: Oct 22 01:55:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 01:49:59 2019
Response via : Initial Calibration



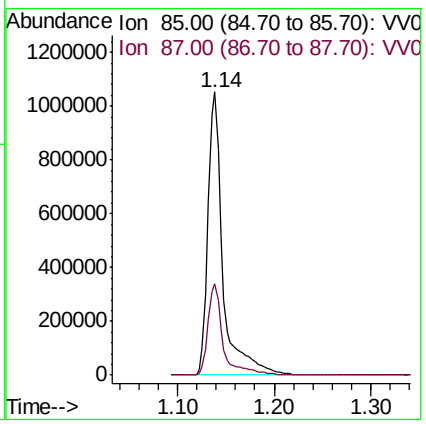


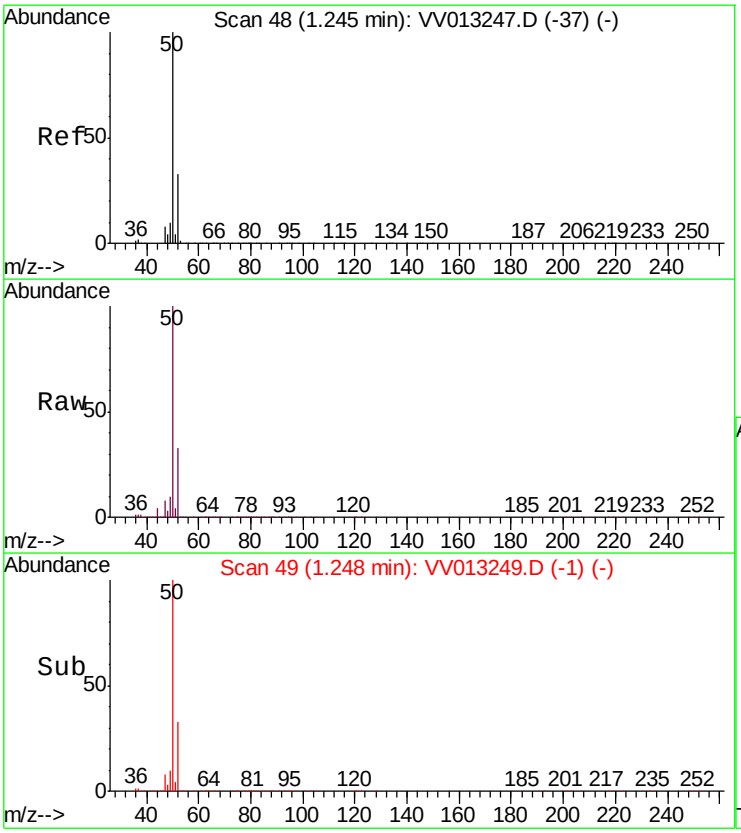
#2
Dichlorodifluoromethane
Concen: 18.835 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 85 Resp: 1125755

Ion	Ratio	Lower	Upper
85	100		
87	32.6	25.4	38.2

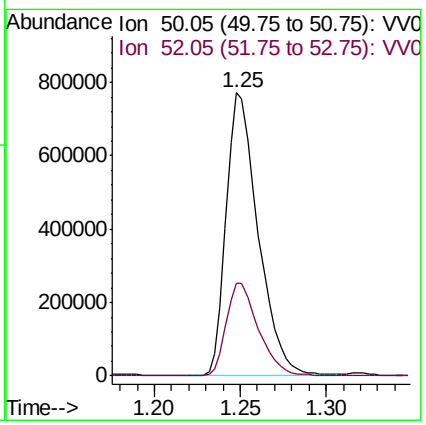


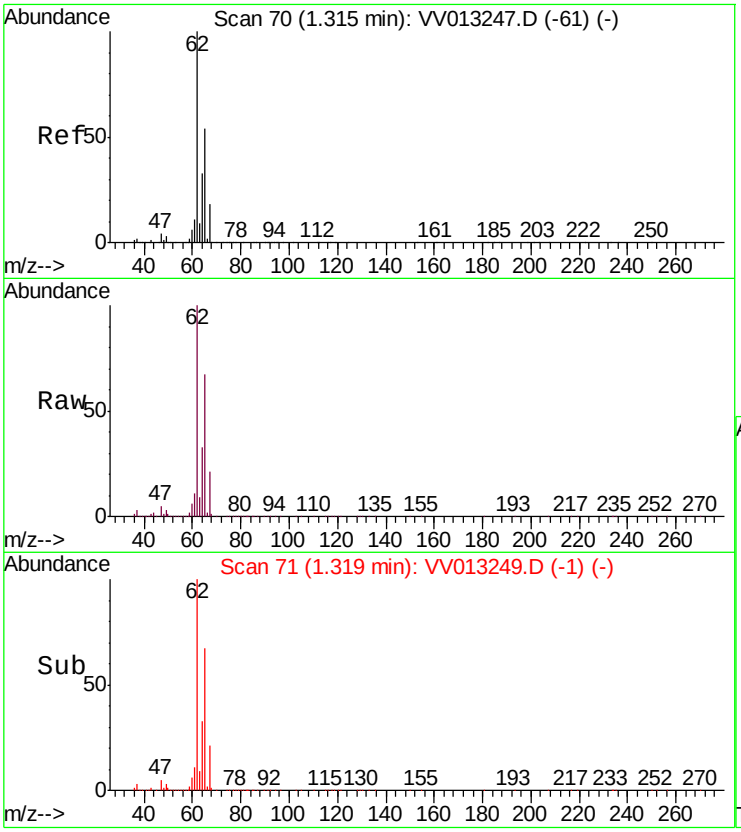


#3
Chloromethane
Concen: 17.687 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 50 Resp: 998849

Ion	Ratio	Lower	Upper
50	100		
52	32.6	23.3	43.3



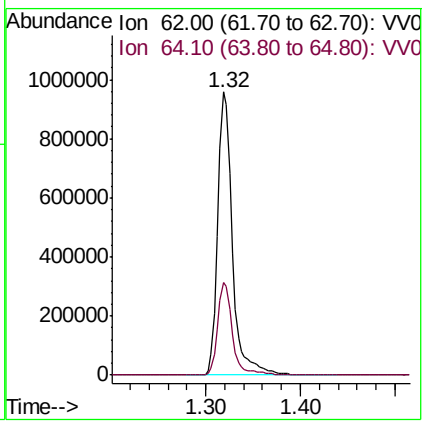


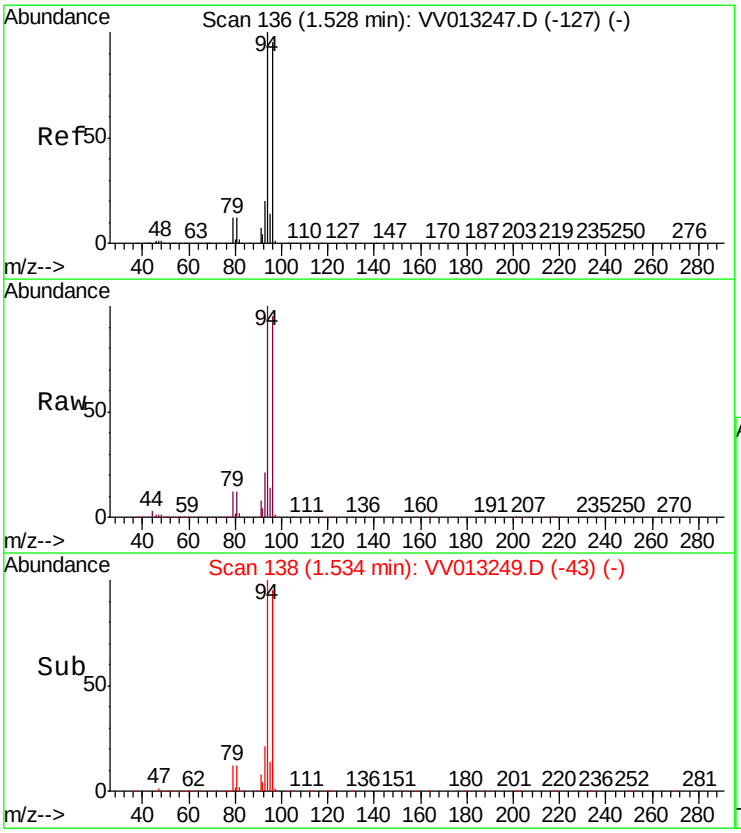
#5
Vinyl chloride
Concen: 20.403 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 62 Resp: 1027888

Ion	Ratio	Lower	Upper
62	100		
64	32.7	22.9	42.5

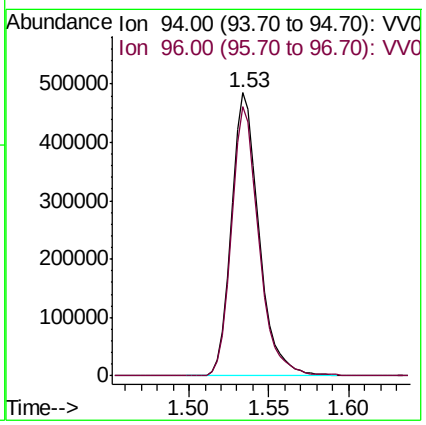


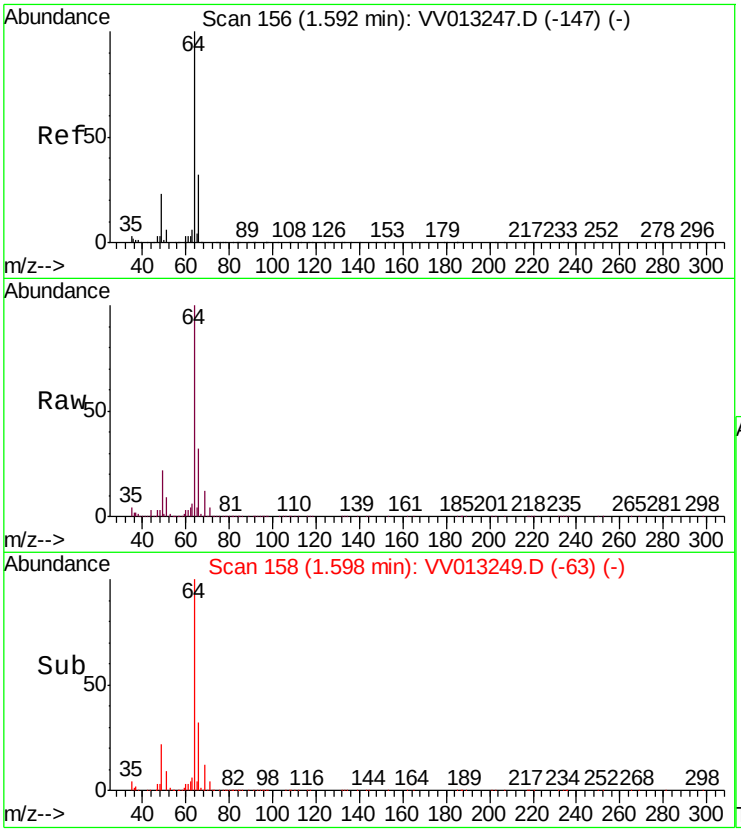


#6
Bromomethane
Concen: 20.145 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 94 Resp: 568057

Ion	Ratio	Lower	Upper
94	100		
96	95.3	66.2	123.0



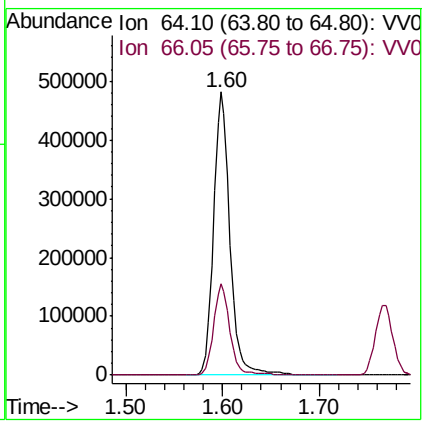


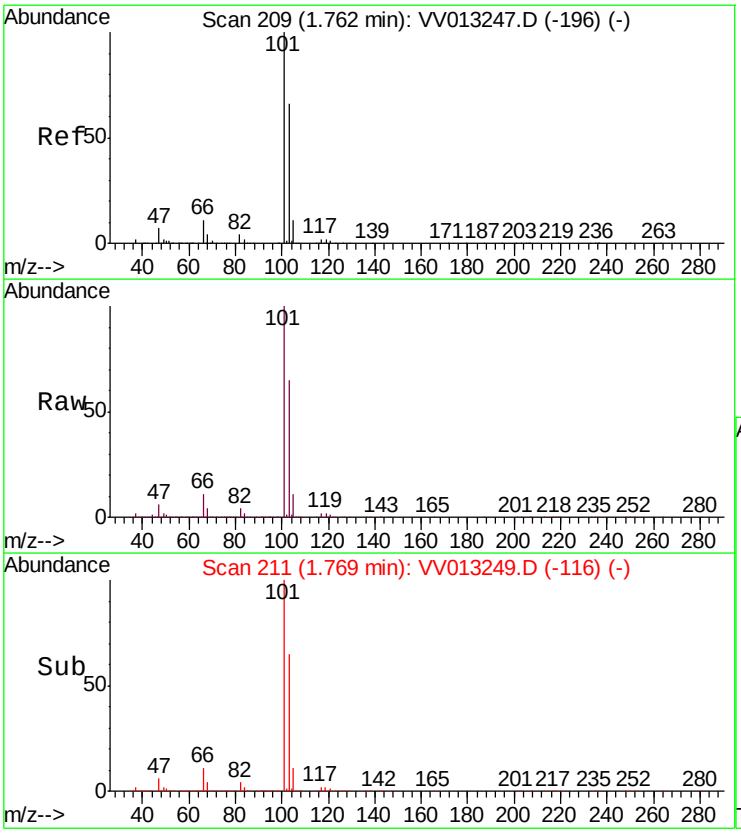
#8
Chloroethane
Concen: 19.413 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 64 Resp: 565429

Ion	Ratio	Lower	Upper
64	100		
66	32.3	22.7	42.3

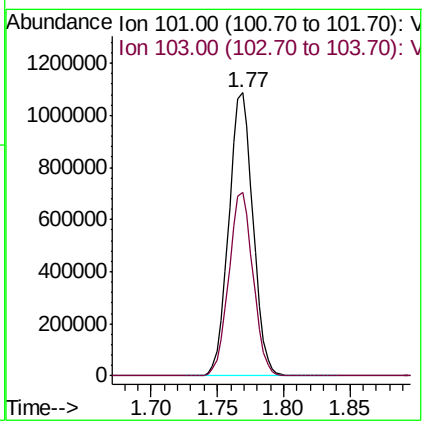


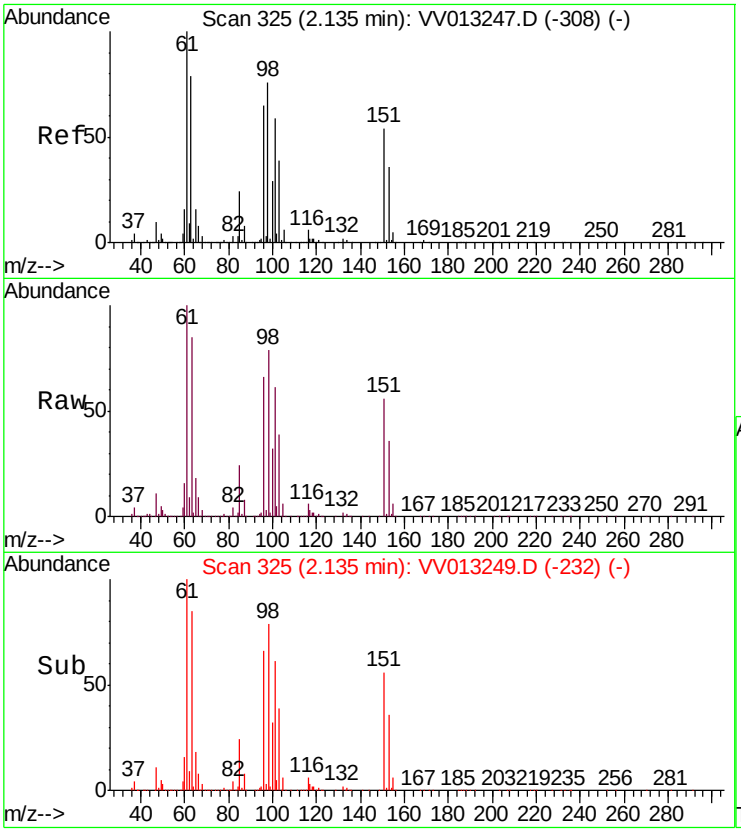


#9
Trichlorofluoromethane
Concen: 19.176 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:101 Resp: 1380625

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.8	79.2



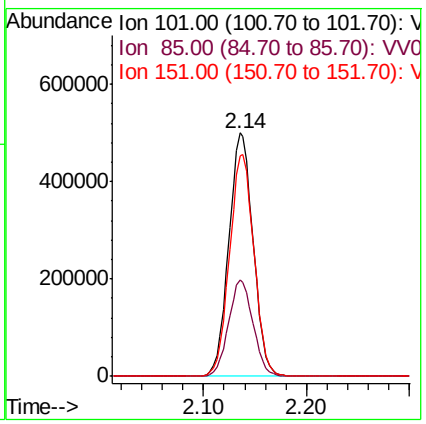


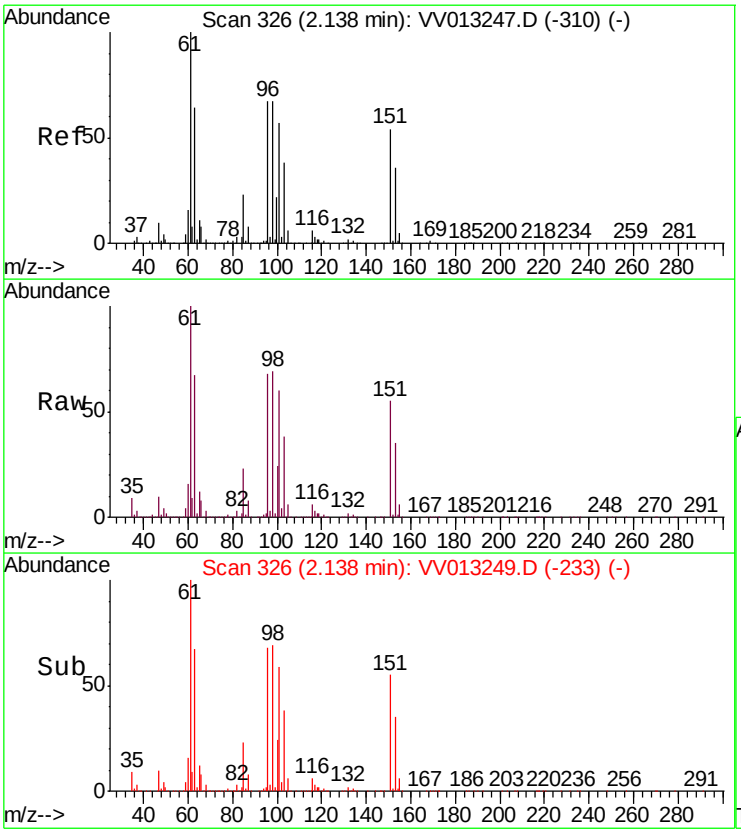
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.041 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:101 Resp: 822301

Ion	Ratio	Lower	Upper
101	100		
85	39.8	31.8	47.8
151	91.7	72.9	109.3

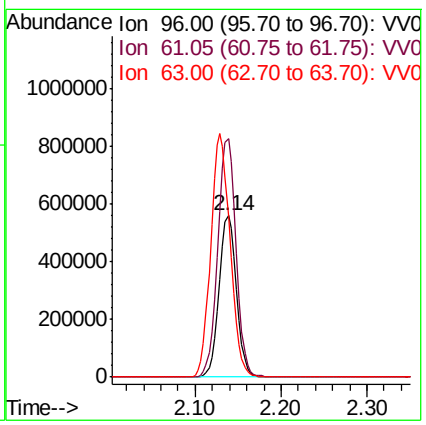


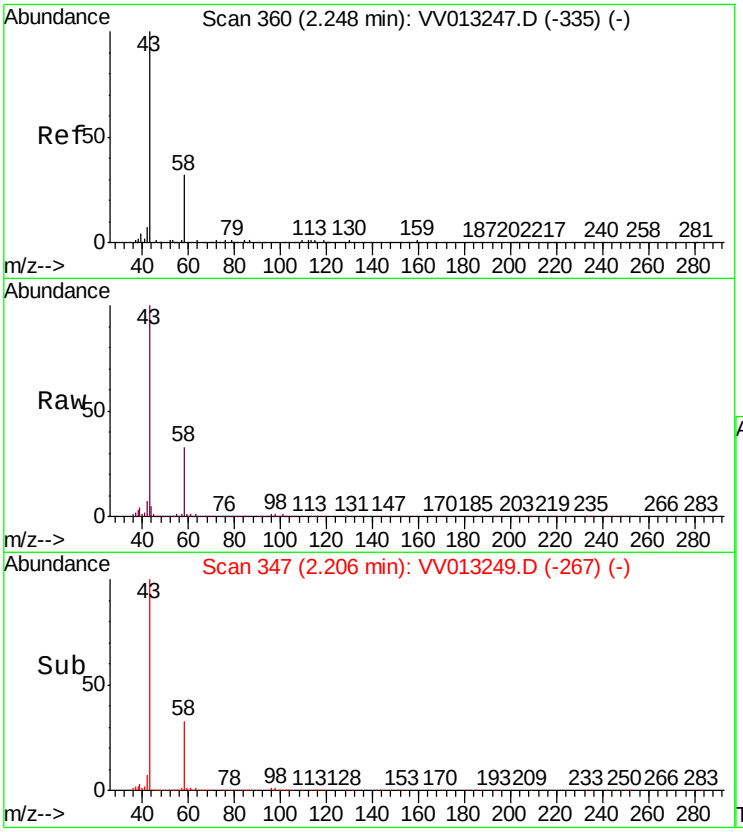


#12
1,1-Dichloroethene
Concen: 20.007 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 96 Resp: 784132

Ion	Ratio	Lower	Upper
96	100		
61	147.5	104.0	193.1
63	99.3	67.1	124.5



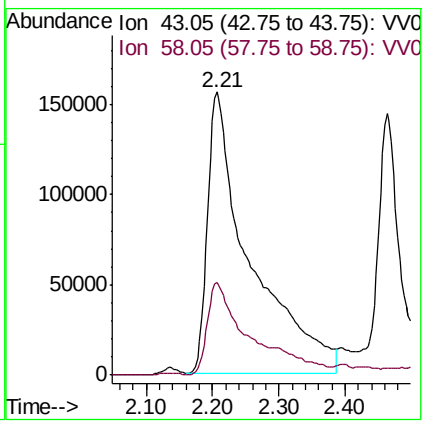


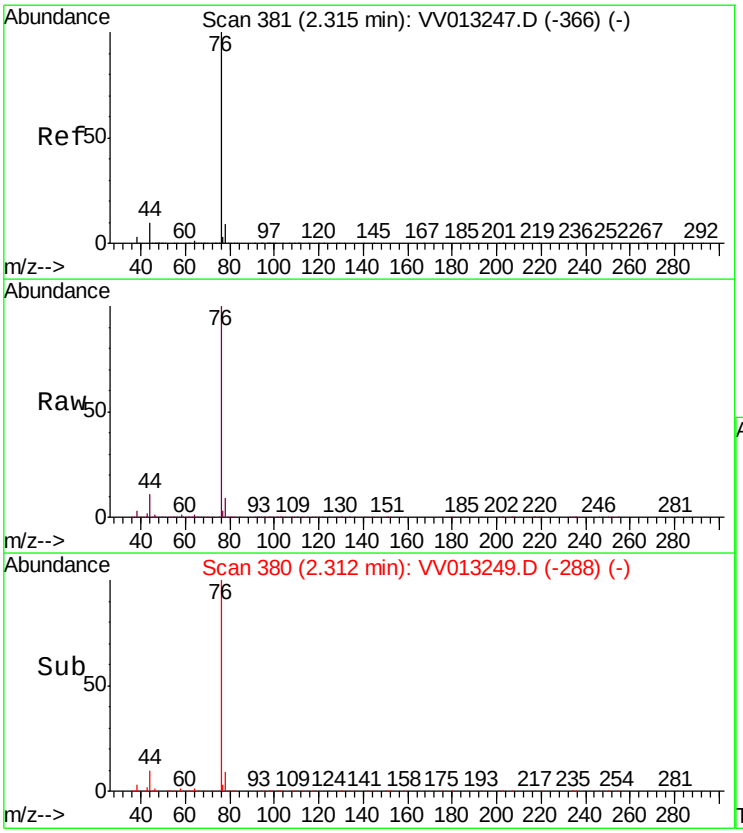
#13
Acetone
Concen: 146.588 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.04 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 43 Resp: 694931

Ion	Ratio	Lower	Upper
43	100		
58	26.4	0.0	26.2#

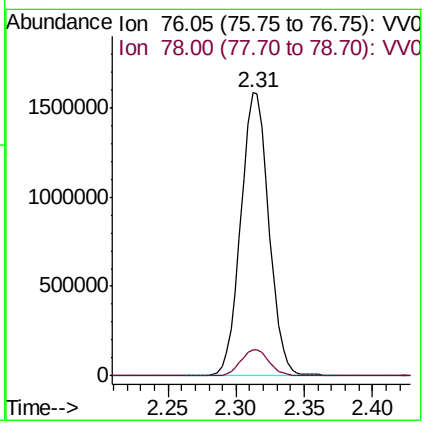


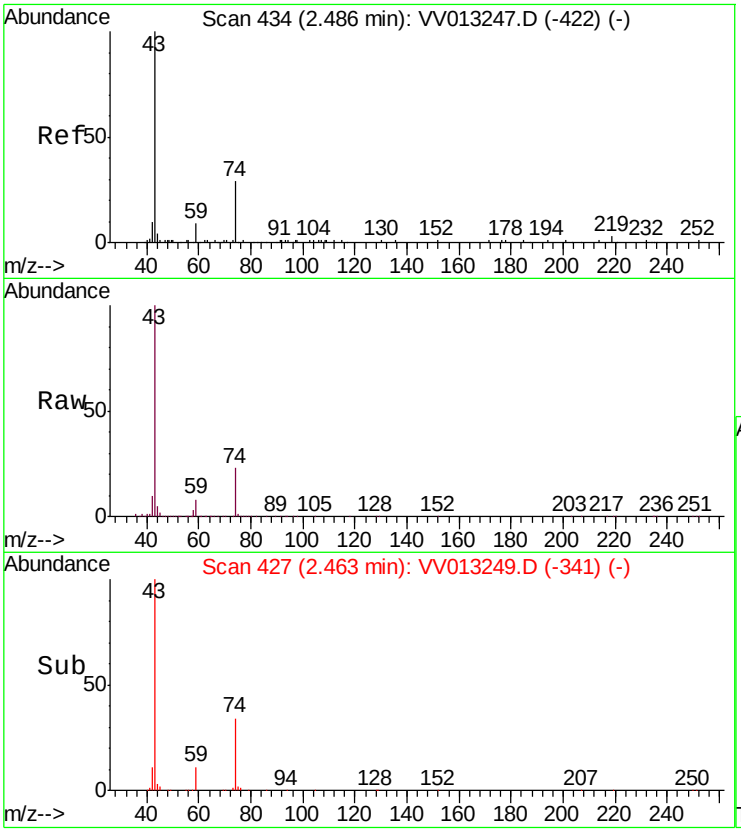


#14
Carbon disulfide
Concen: 20.311 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 76 Resp: 2266114

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9



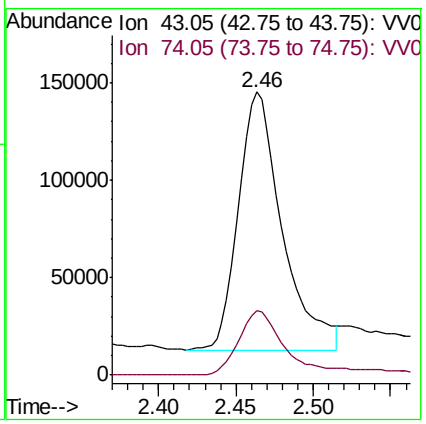


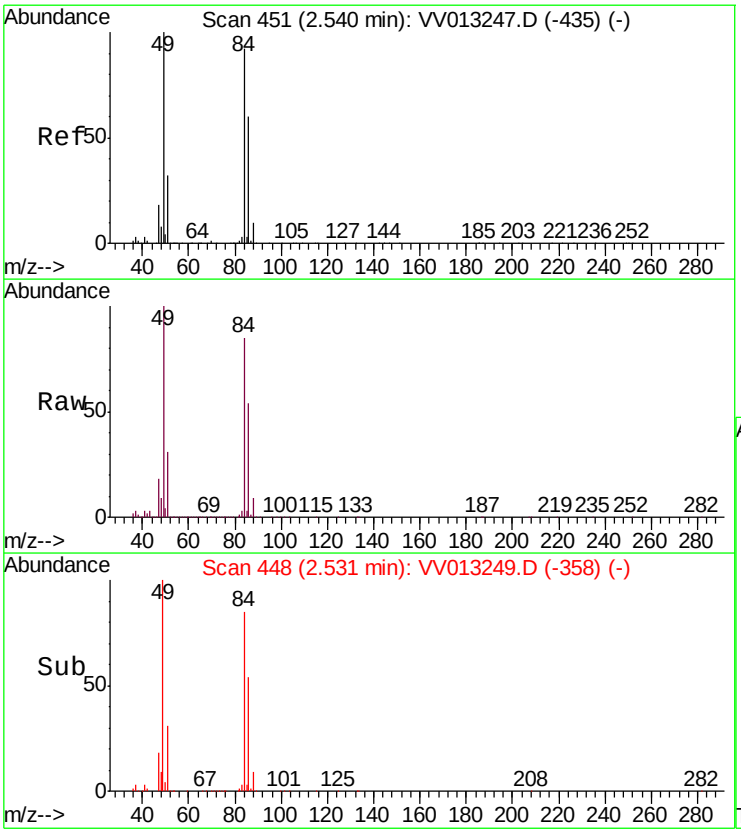
#15
Methyl Acetate
Concen: 23.625 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.02 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument : MSVOA_V
ClientSampleId : VSTD02035

Tgt Ion: 43 Resp: 261074

Ion	Ratio	Lower	Upper
43	100		
74	27.9	20.4	30.6

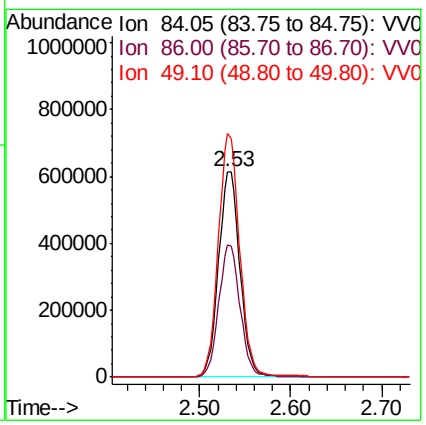


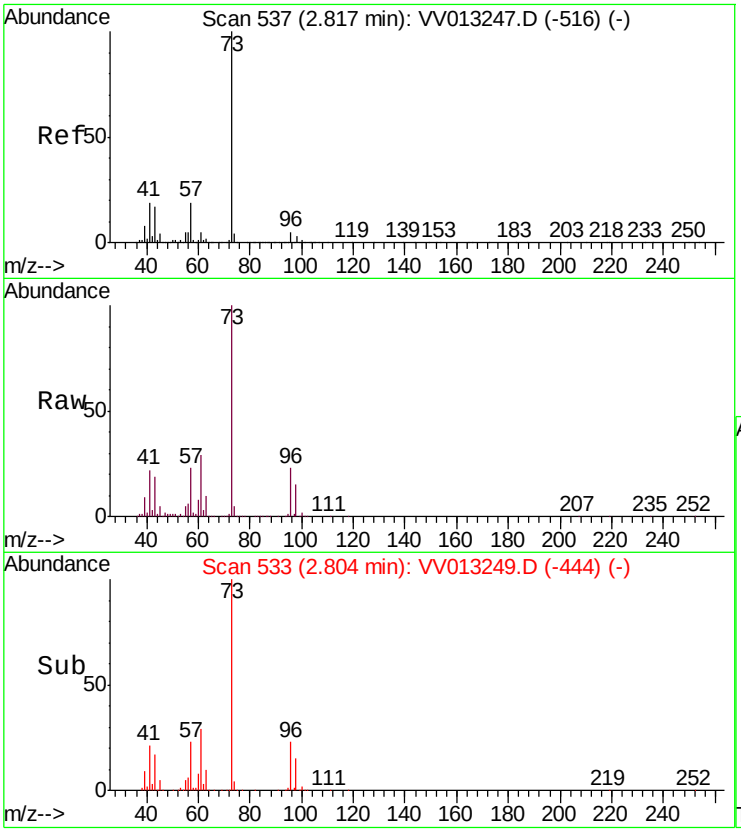


#16
Methylene chloride
Concen: 21.022 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 84 Resp: 1006465

Ion	Ratio	Lower	Upper
84	100		
86	64.1	46.2	85.8
49	118.3	76.4	141.8



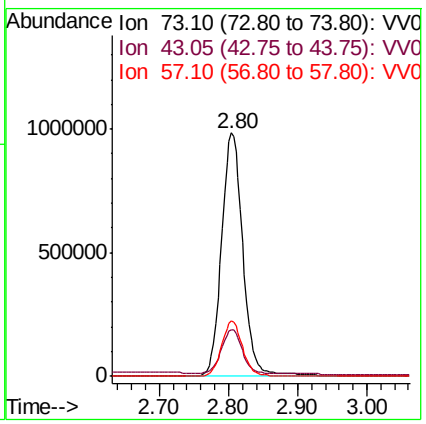


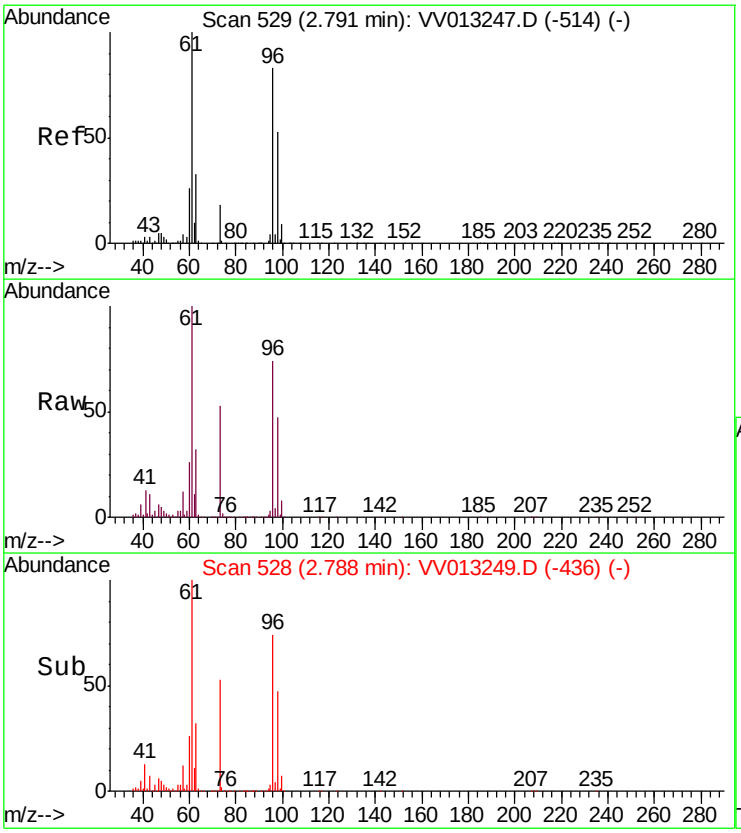
#17
Methyl tert-butyl Ether
Concen: 21.001 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument : MSVOA_V
ClientSampleId : VSTD02035

Tgt Ion: 73 Resp: 2115910

Ion	Ratio	Lower	Upper
73	100		
43	17.3	13.1	19.7
57	22.2	16.4	24.6

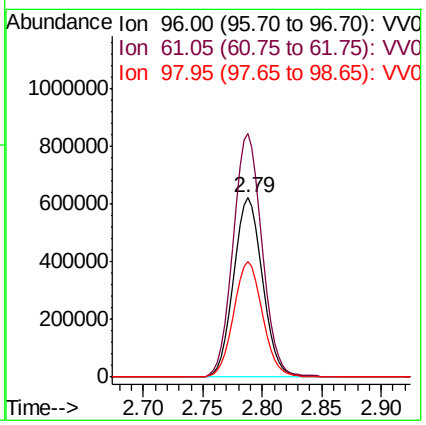


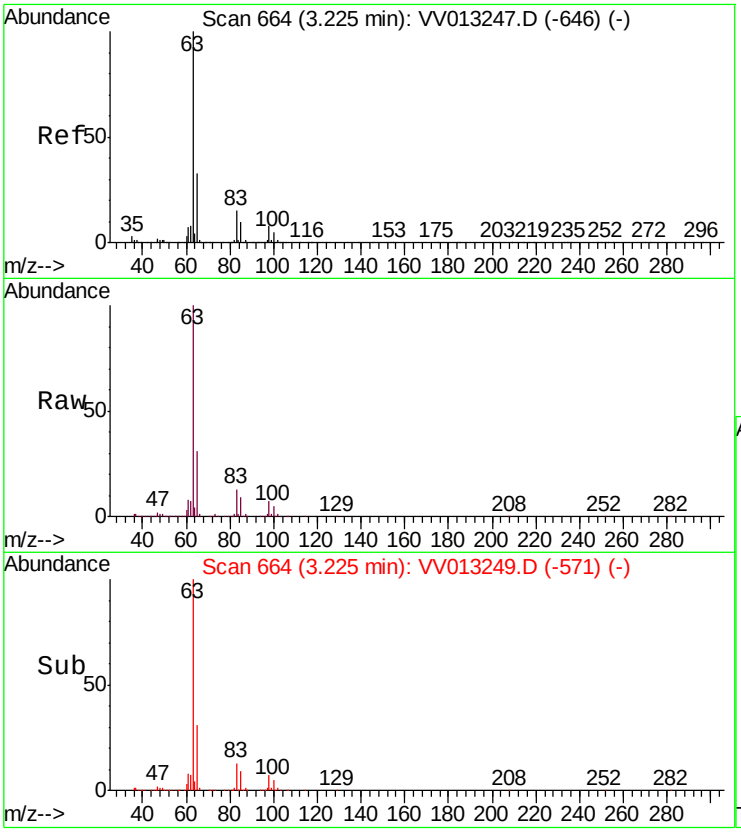


#18
trans-1,2-Dichloroethene
Concen: 21.293 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 96 Resp: 1051418

Ion	Ratio	Lower	Upper
96	100		
61	135.6	84.4	156.8
98	64.3	44.4	82.4



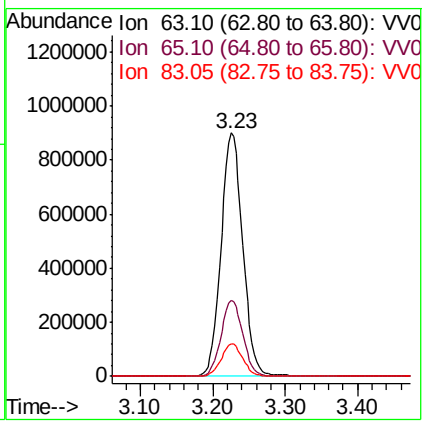


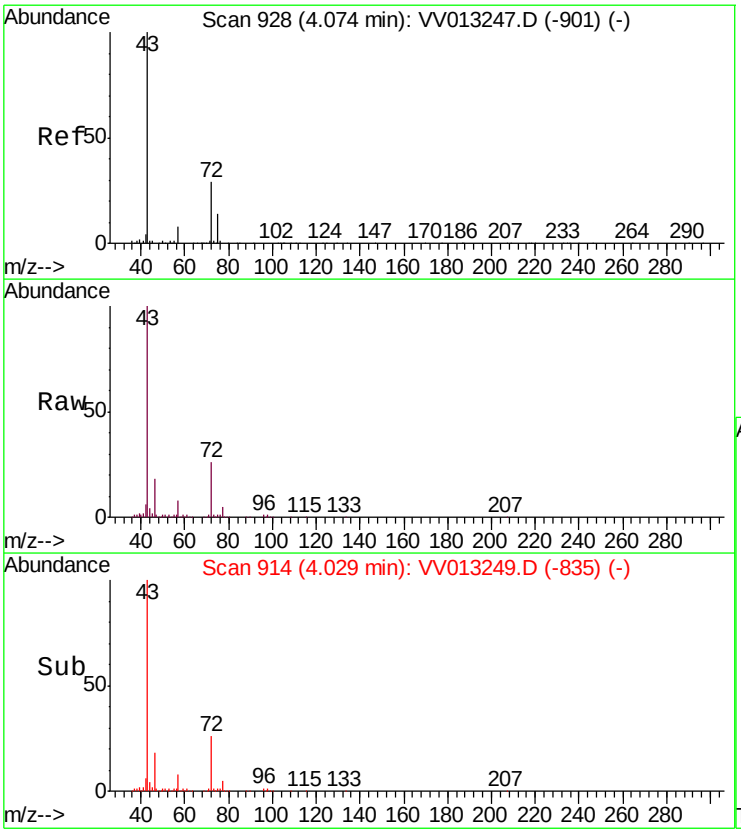
#19
1,1-Dichloroethane
Concen: 21.301 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 63 Resp: 1863732

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.0	42.8
83	13.4	10.2	19.0

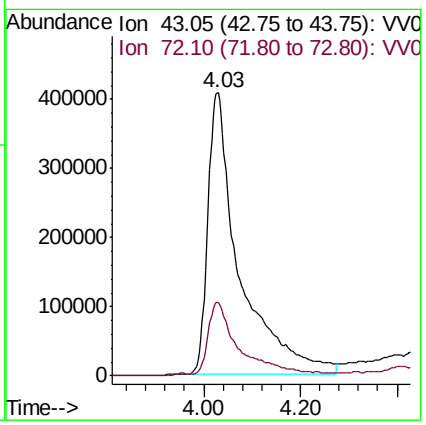


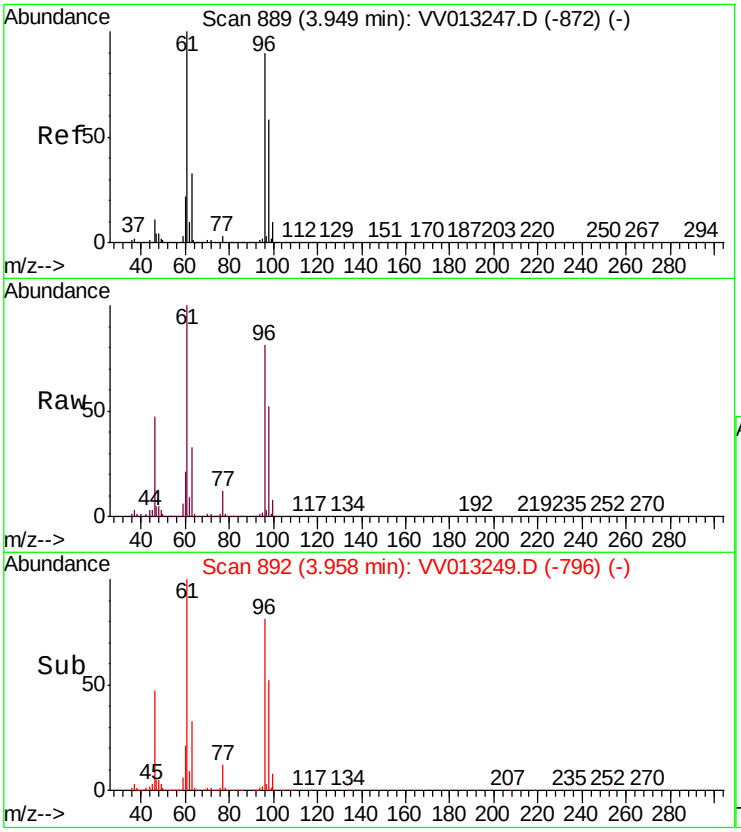


#21
2-Butanone
Concen: 170.198 ug/L
RT: 4.03 min Scan# 914
Delta R.T. -0.04 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 43 Resp: 1852379

Ion	Ratio	Lower	Upper
43	100		
72	24.4	13.1	39.3



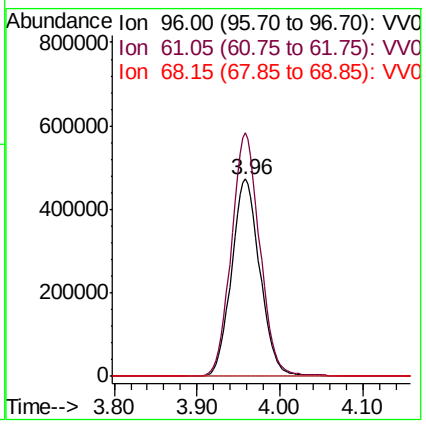


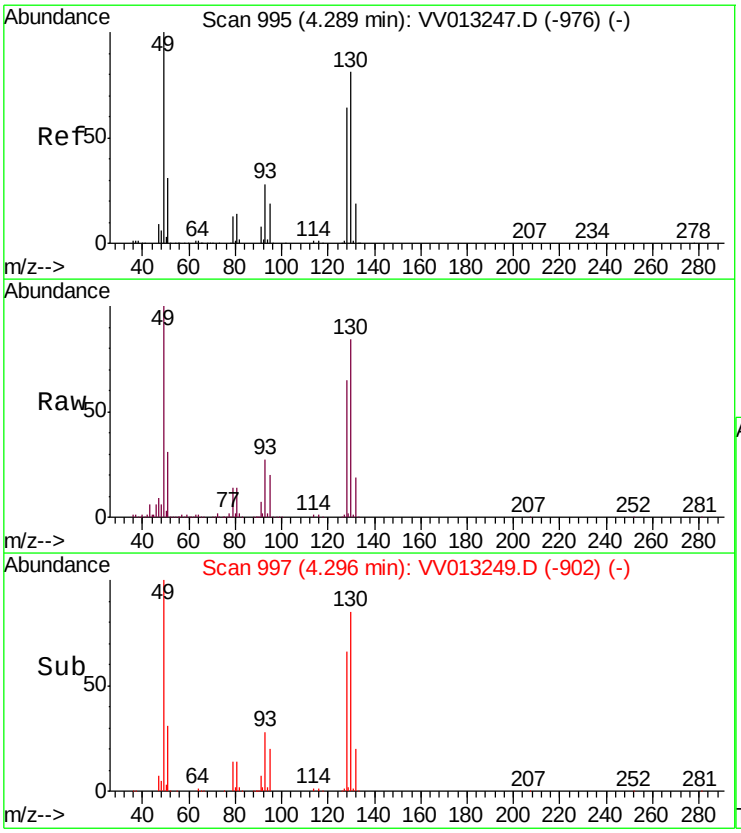
#22
cis-1,2-Dichloroethene
Concen: 22.141 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 96 Resp: 1127898

Ion	Ratio	Lower	Upper
96	100		
61	123.4	77.3	143.7
68	0.0	0.1	0.1#

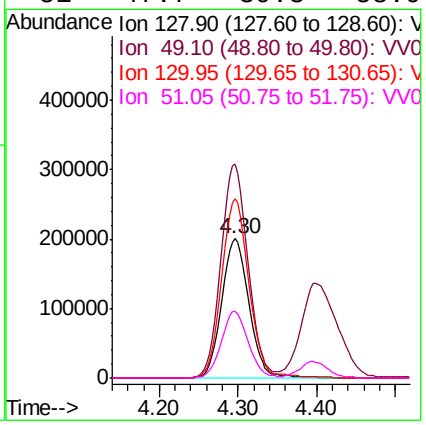


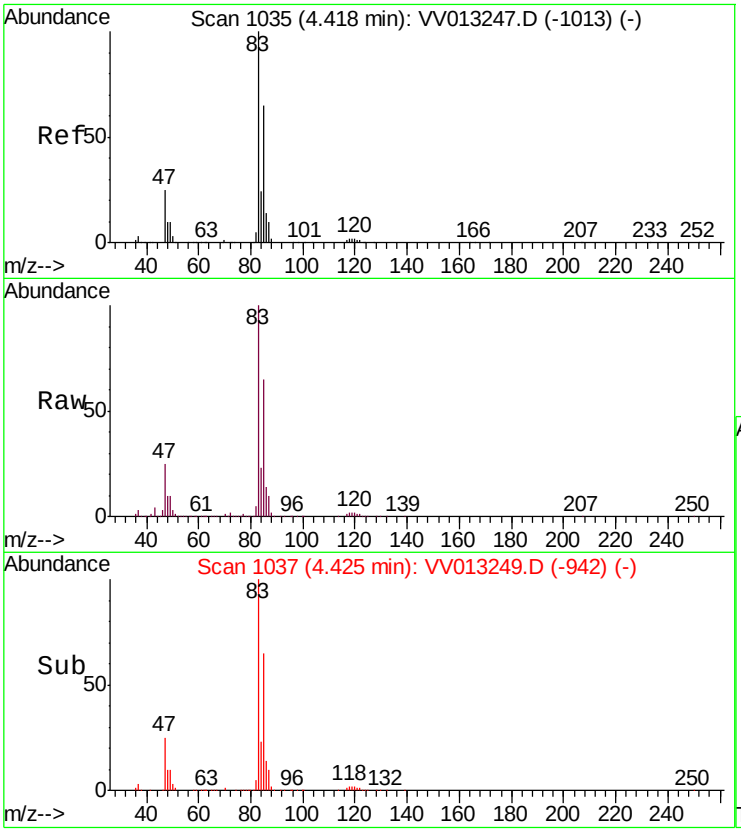


#23
Bromochloromethane
Concen: 20.279 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:128 Resp: 479773

Ion	Ratio	Lower	Upper
128	100		
49	153.7	109.9	204.1
130	128.9	88.7	164.7
51	47.7	39.3	58.9



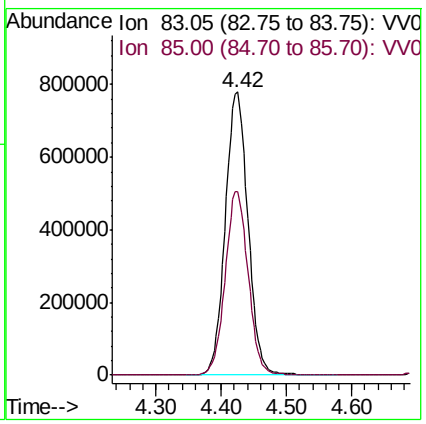


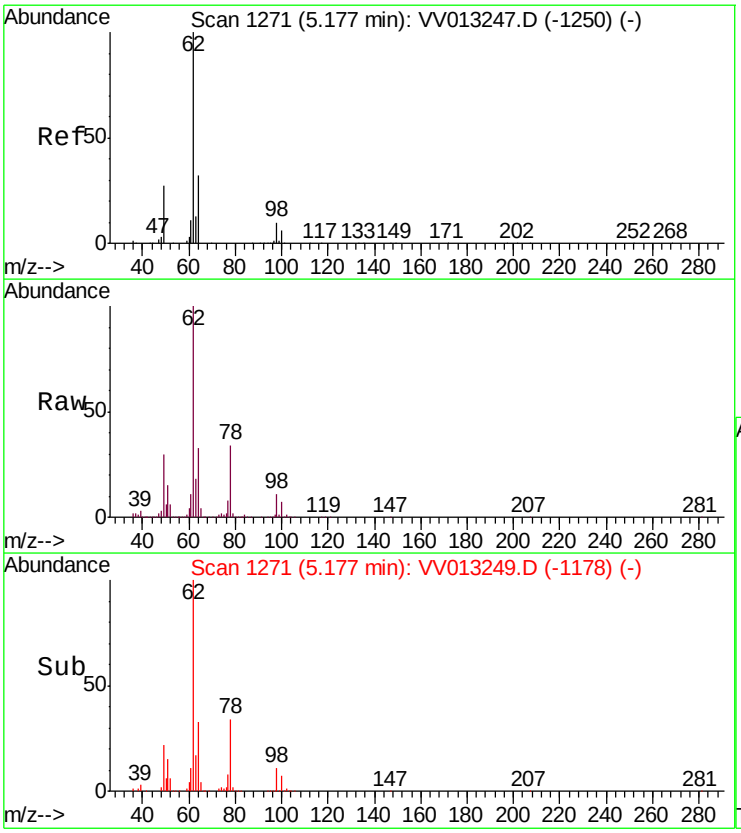
#25
Chloroform
Concen: 19.243 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 83 Resp: 1875054

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.7	84.9

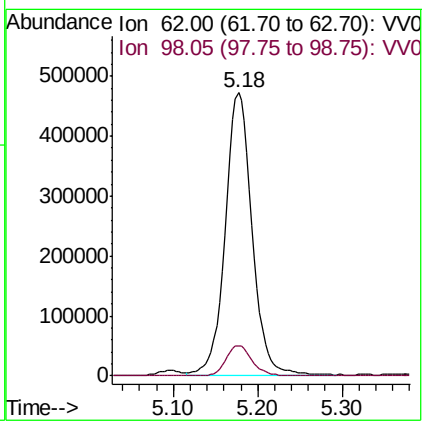


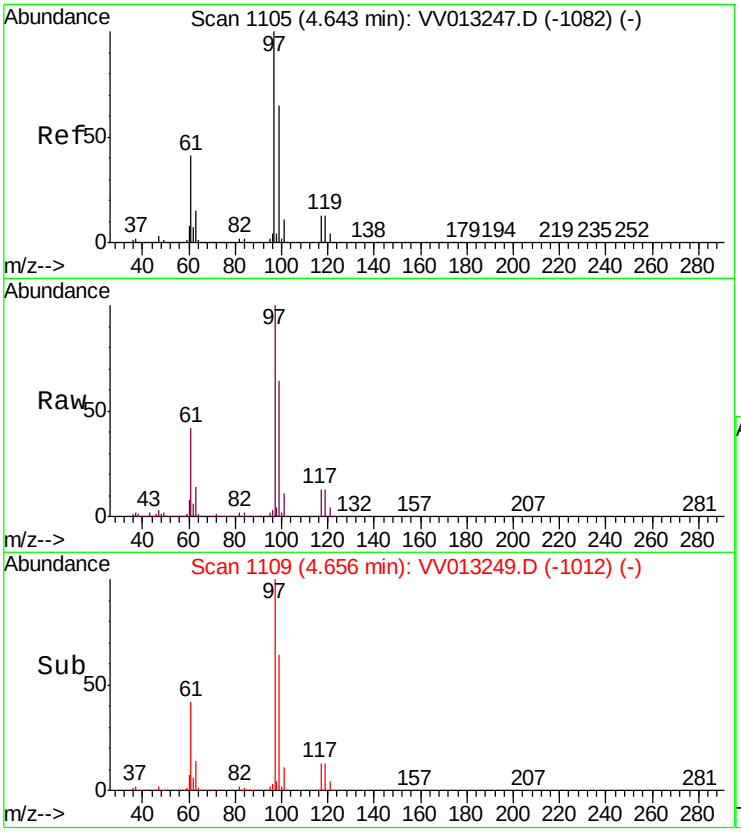


#27
1,2-Dichloroethane
Concen: 19.477 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 62 Resp: 1040659

Ion	Ratio	Lower	Upper
62	100		
98	10.7	8.3	12.5



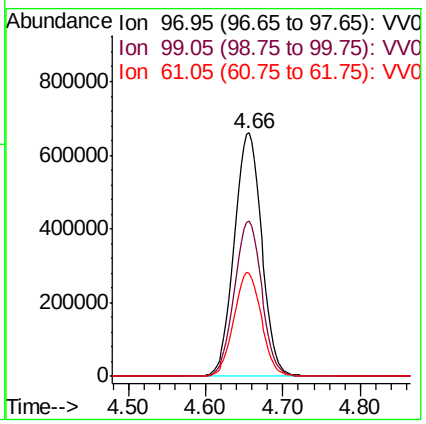


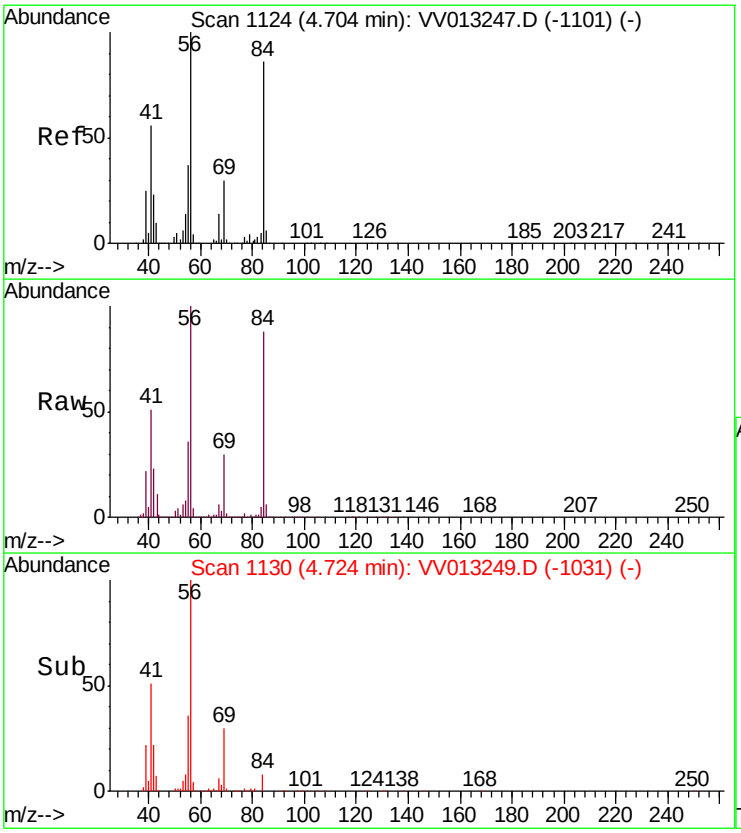
#29
1,1,1-Trichloroethane
Concen: 20.772 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 97 Resp: 1622909

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	42.8	34.3	51.5

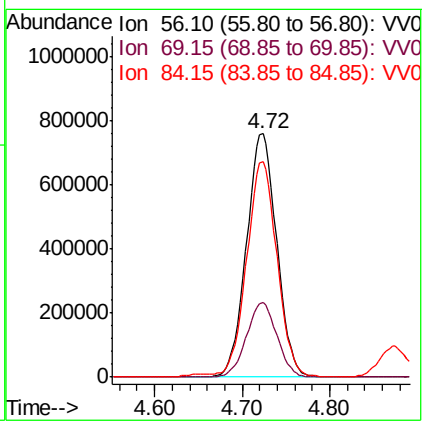


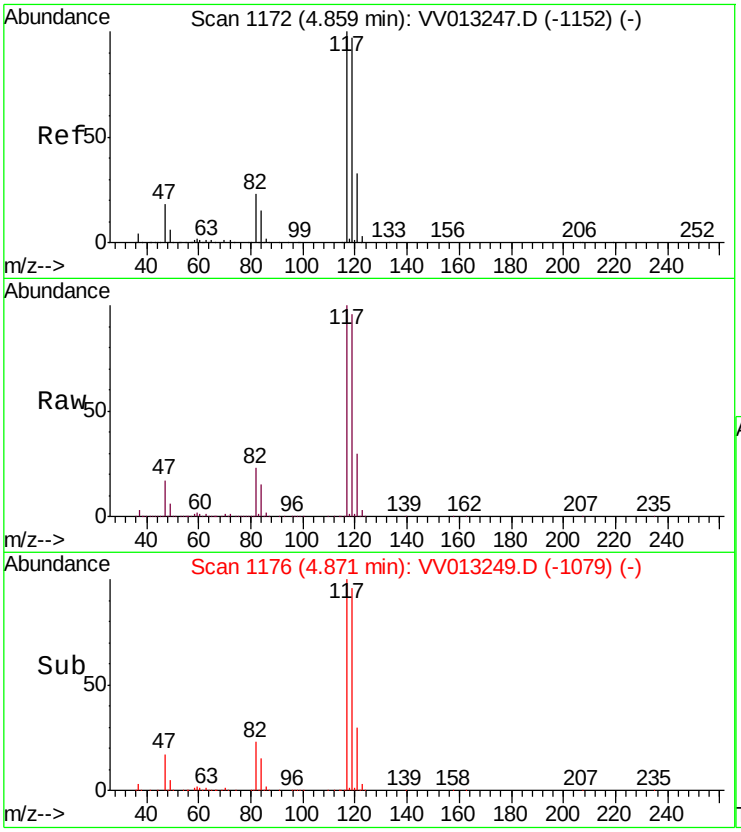


#30
Cyclohexane
Concen: 22.727 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.02 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 56 Resp: 1822751

Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	37.0
84	88.9	71.0	106.6



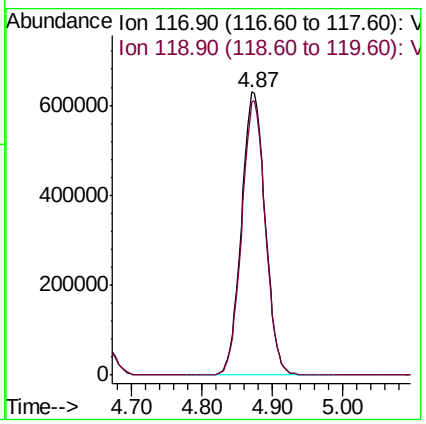


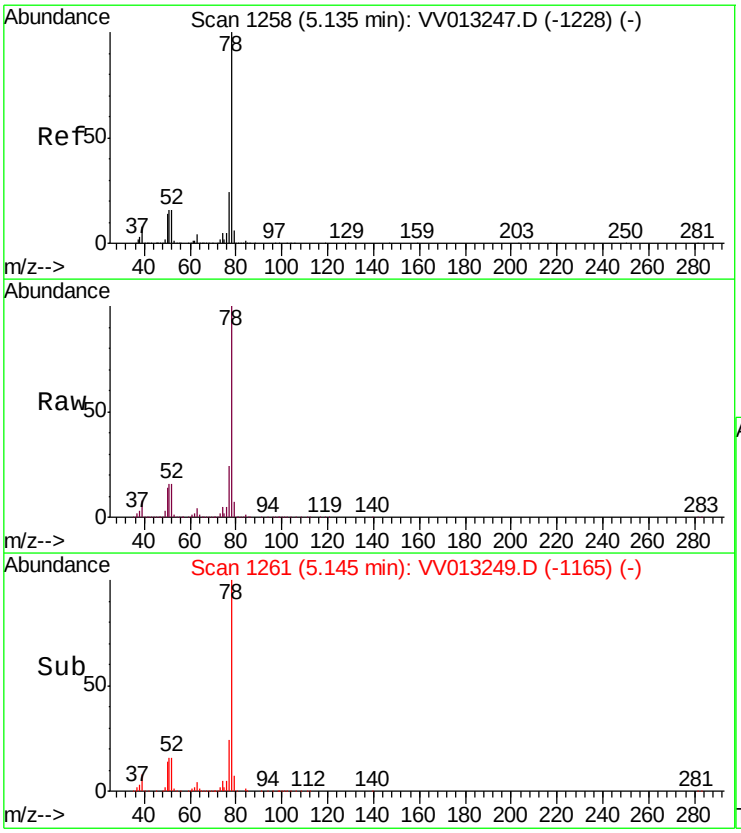
#31
Carbon tetrachloride
Concen: 21.391 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:117 Resp: 1479213

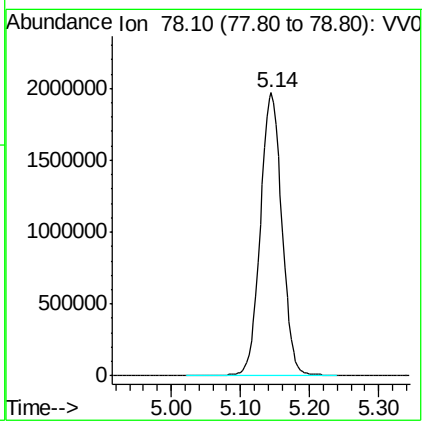
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0

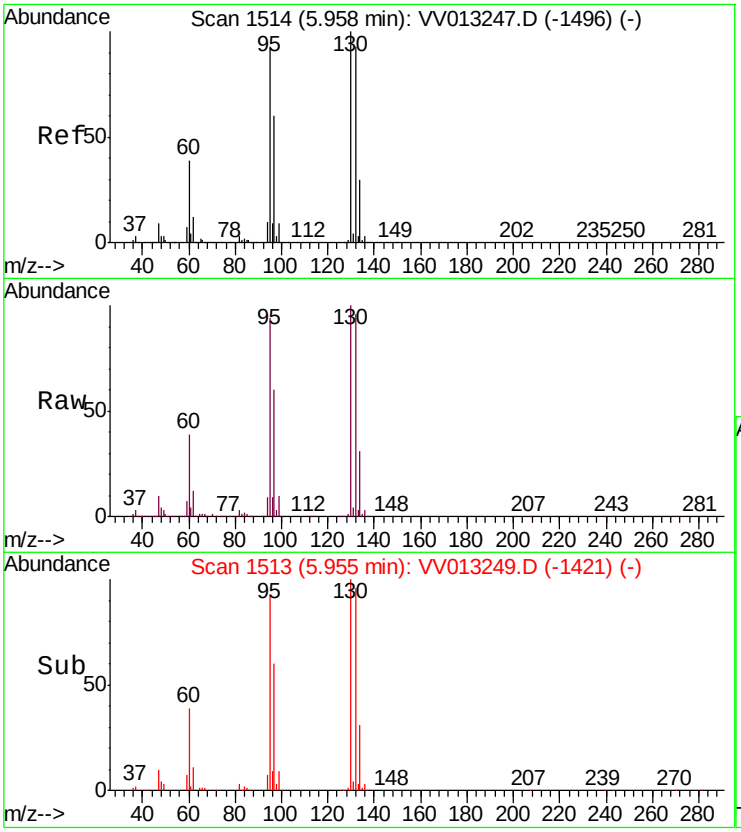




#33
Benzene
Concen: 20.885 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 78 Resp: 4239991



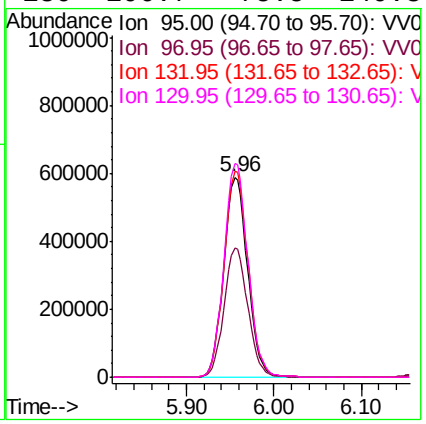


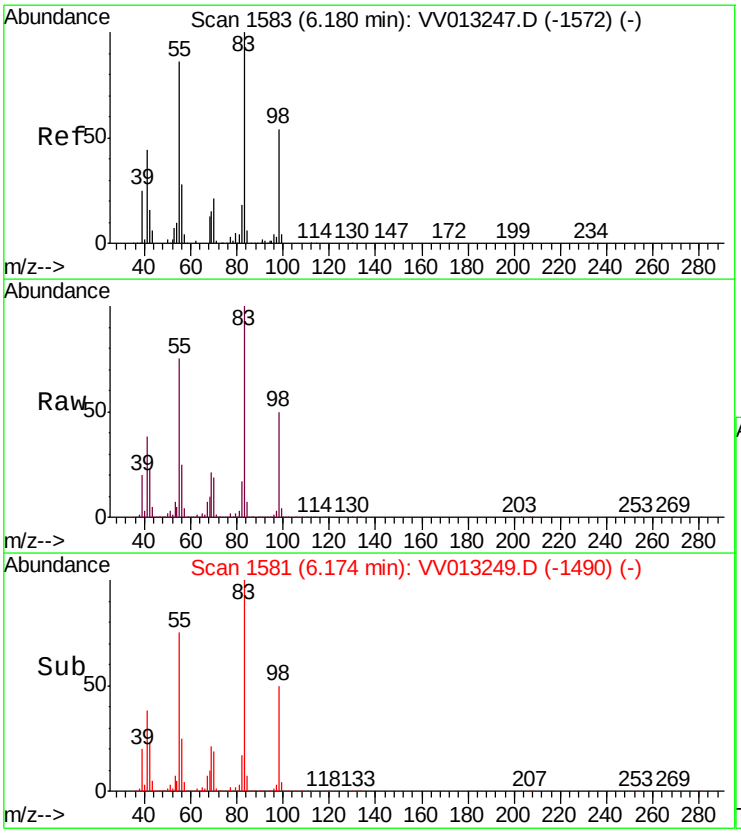
#34
Trichloroethene
Concen: 21.193 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument : MSVOA_V
ClientSampleId : VSTD02035

Tgt Ion: 95 Resp: 1120281

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.2	84.0
132	102.8	70.6	131.2
130	106.7	75.5	140.3

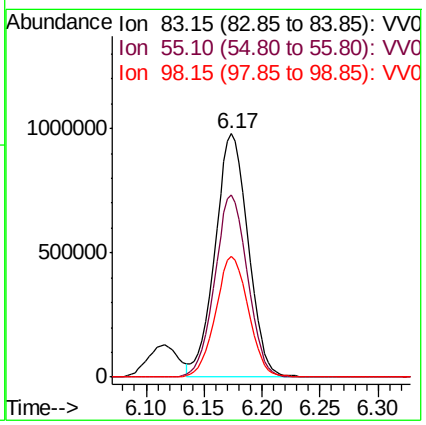


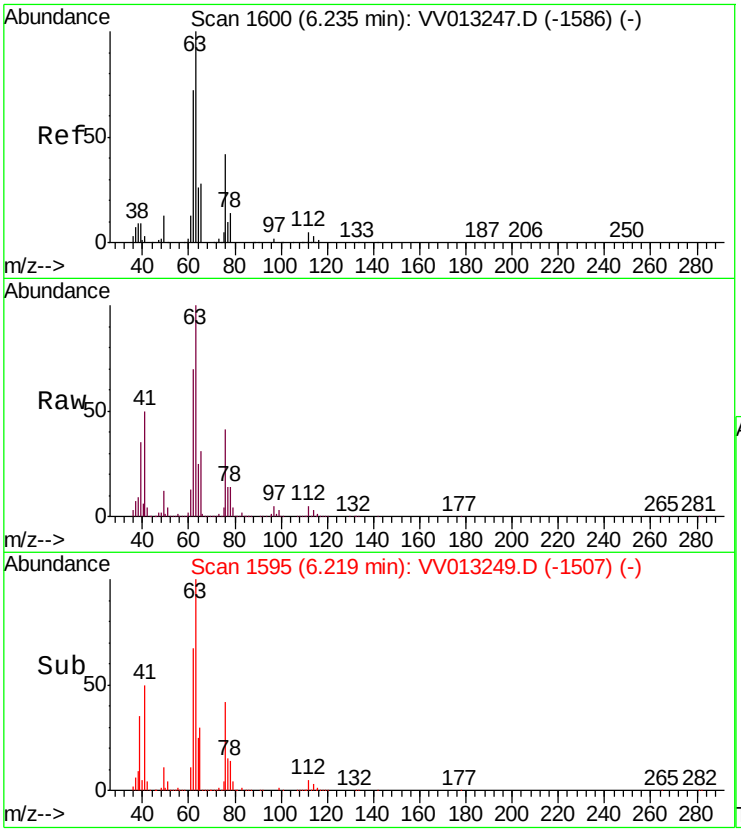


#35
Methylcyclohexane
Concen: 24.115 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 83 Resp: 1942570

Ion	Ratio	Lower	Upper
83	100		
55	74.6	62.4	93.6
98	49.3	39.2	58.8



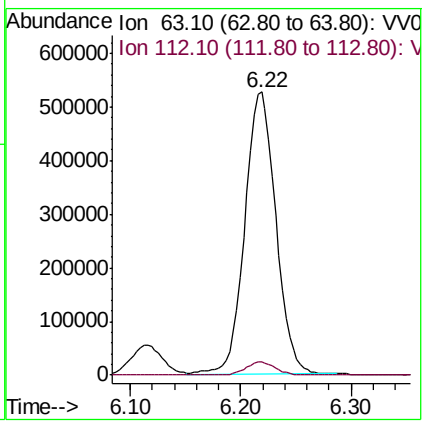


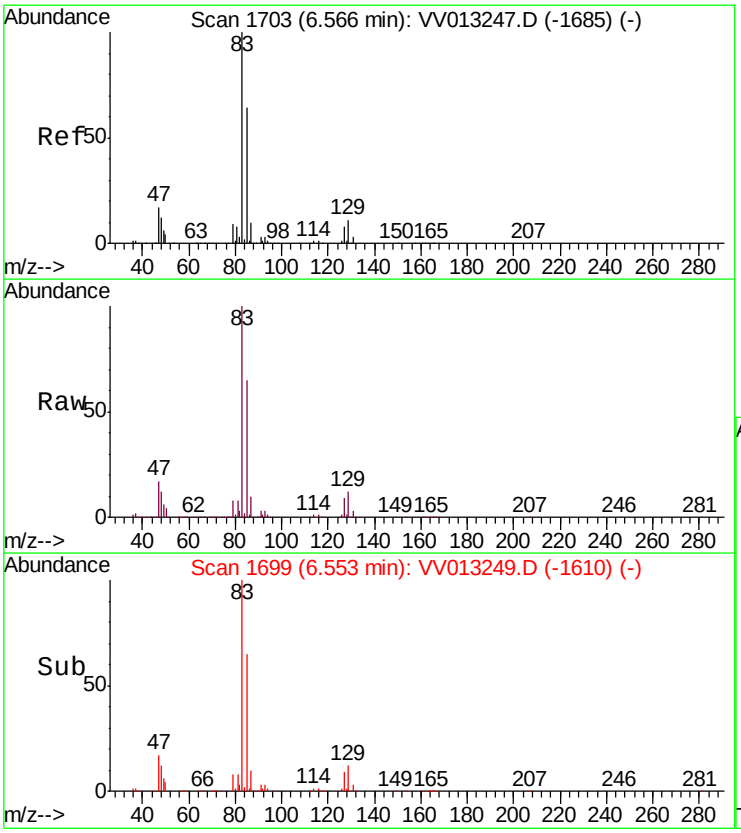
#37
1,2-Dichloropropane
Concen: 20.646 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.02 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 63 Resp: 1028818

Ion	Ratio	Lower	Upper
63	100		
112	4.7	4.1	6.1

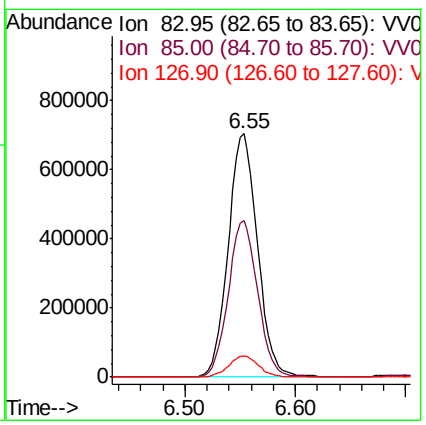


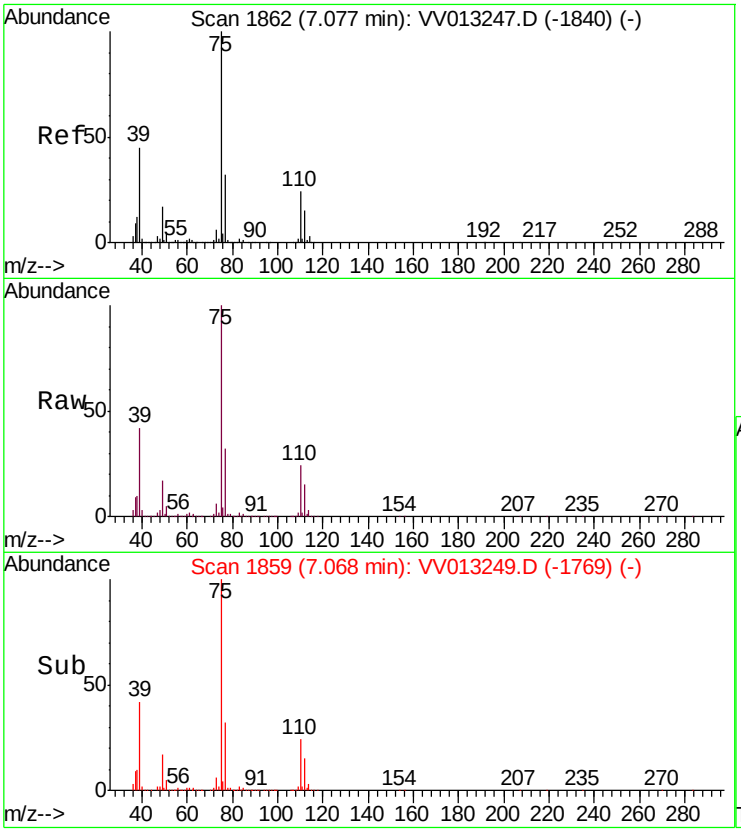


#38
Bromodichloromethane
Concen: 20.486 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 83 Resp: 1297983

Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.4	82.5
127	8.8	6.6	10.0



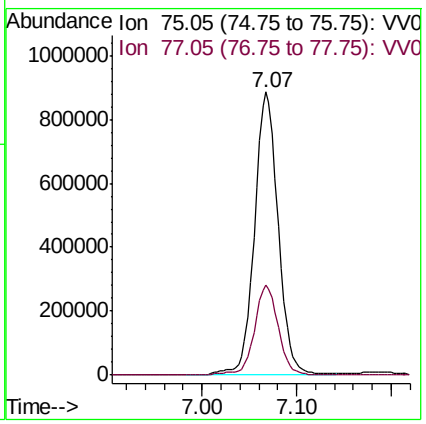


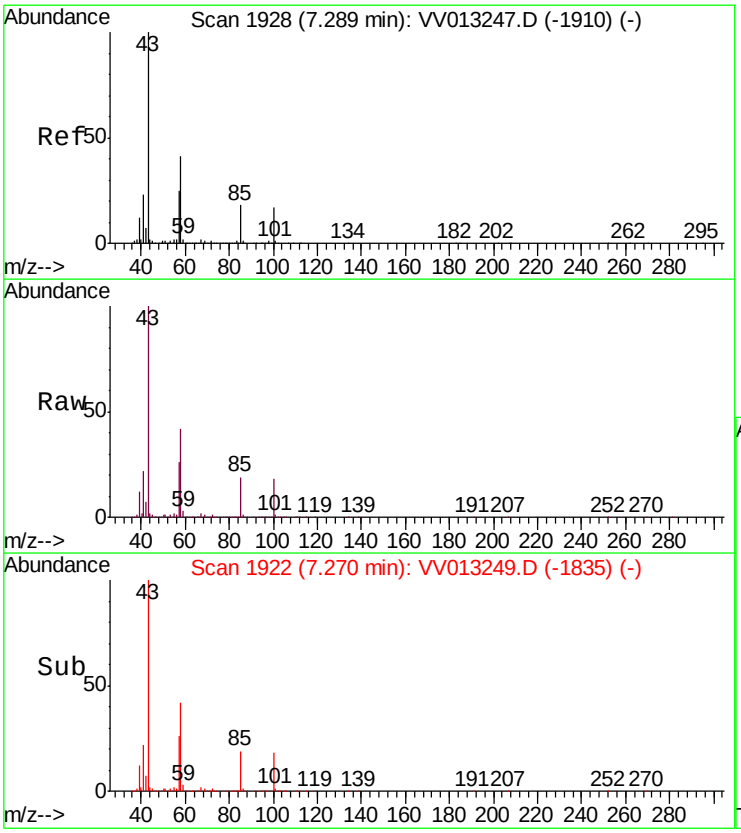
#39
cis-1,3-Dichloropropene
Concen: 23.107 ug/L
RT: 7.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 75 Resp: 1540816

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.6	42.0

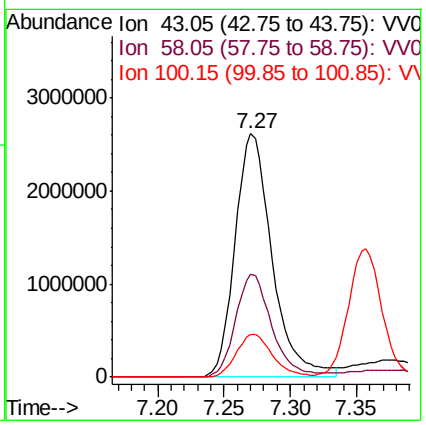


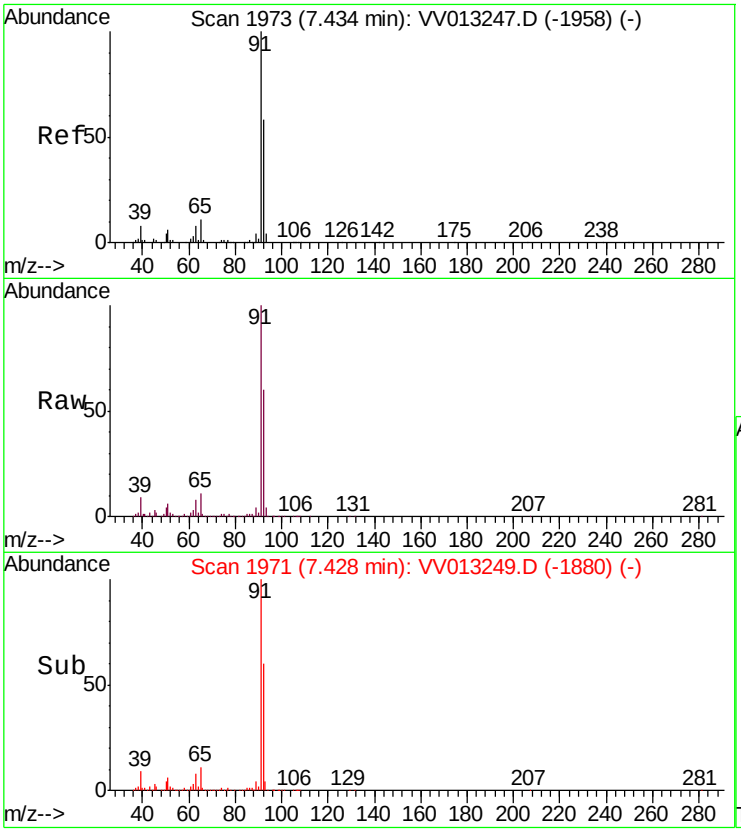


#40
4-Methyl-2-pentanone
Concen: 191.472 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. -0.02 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 43 Resp: 5090271

Ion	Ratio	Lower	Upper
43	100		
58	41.4	30.7	46.1
100	17.2	12.4	18.6



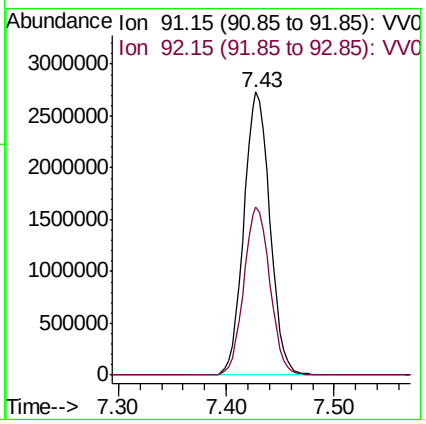


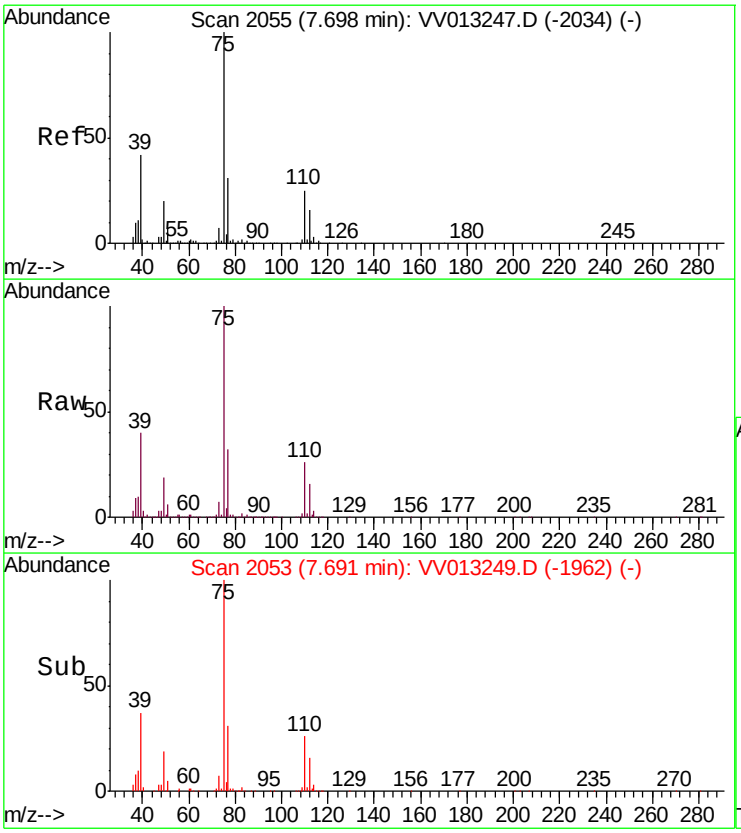
#42
Toluene
Concen: 21.959 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 91 Resp: 4589031

Ion	Ratio	Lower	Upper
91	100		
92	59.6	40.5	75.1

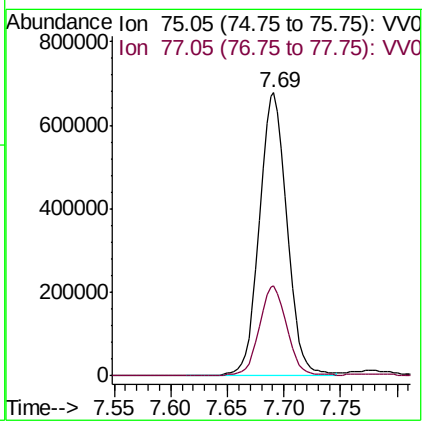


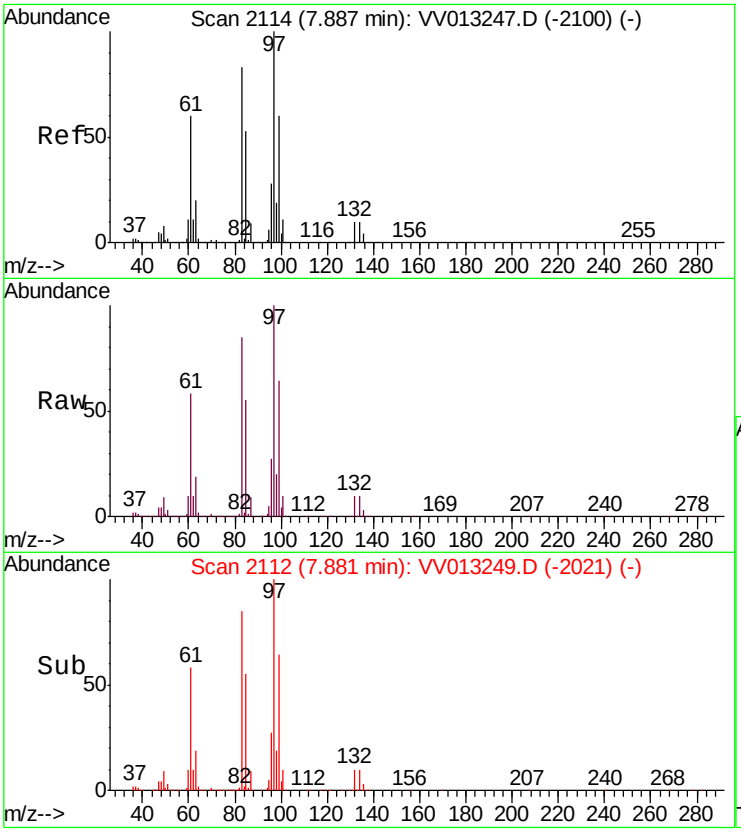


#44
trans-1,3-Dichloropropene
Concen: 22.516 ug/L
RT: 7.69 min Scan# 2053
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 75 Resp: 1151882

Ion	Ratio	Lower	Upper
75	100		
77	31.6	21.8	40.6



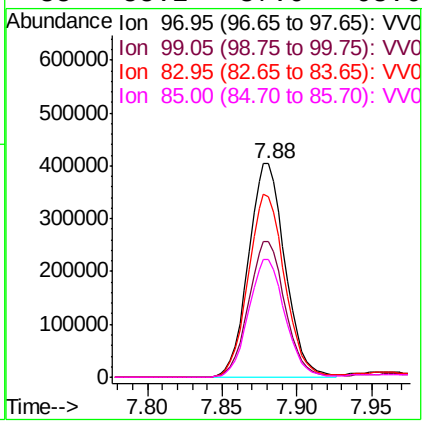


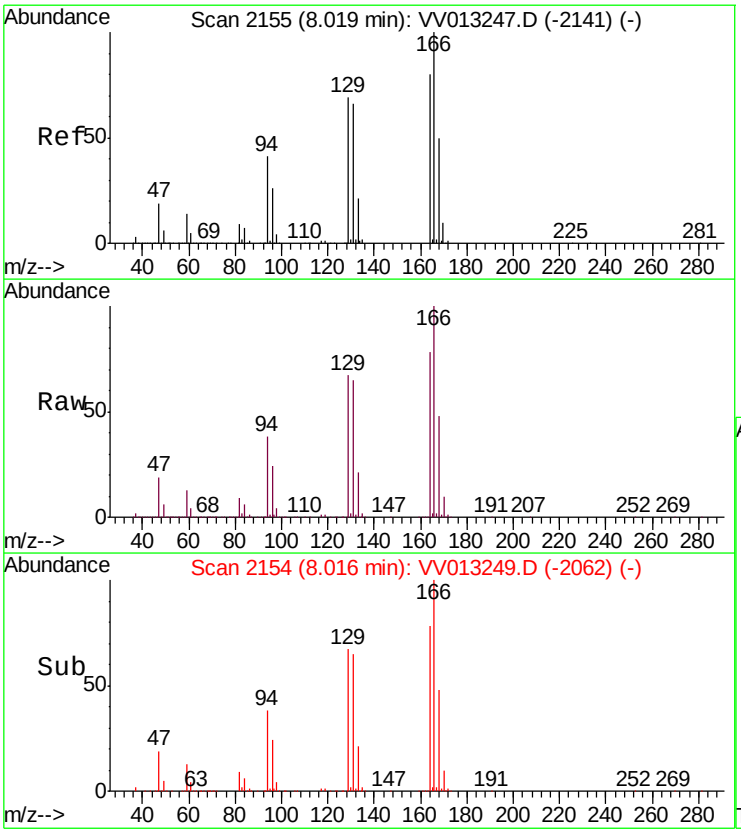
#45
1,1,2-Trichloroethane
Concen: 19.954 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 97 Resp: 686603

Ion	Ratio	Lower	Upper
97	100		
99	63.8	42.2	78.4
83	84.7	58.4	108.4
85	55.2	37.0	68.6

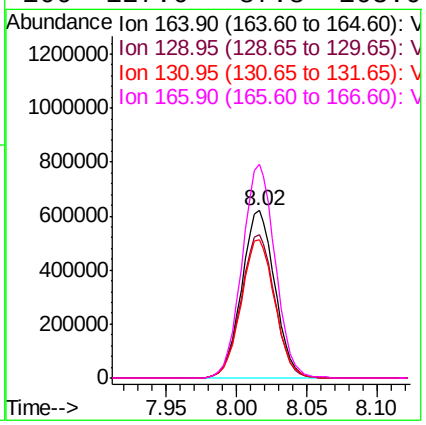


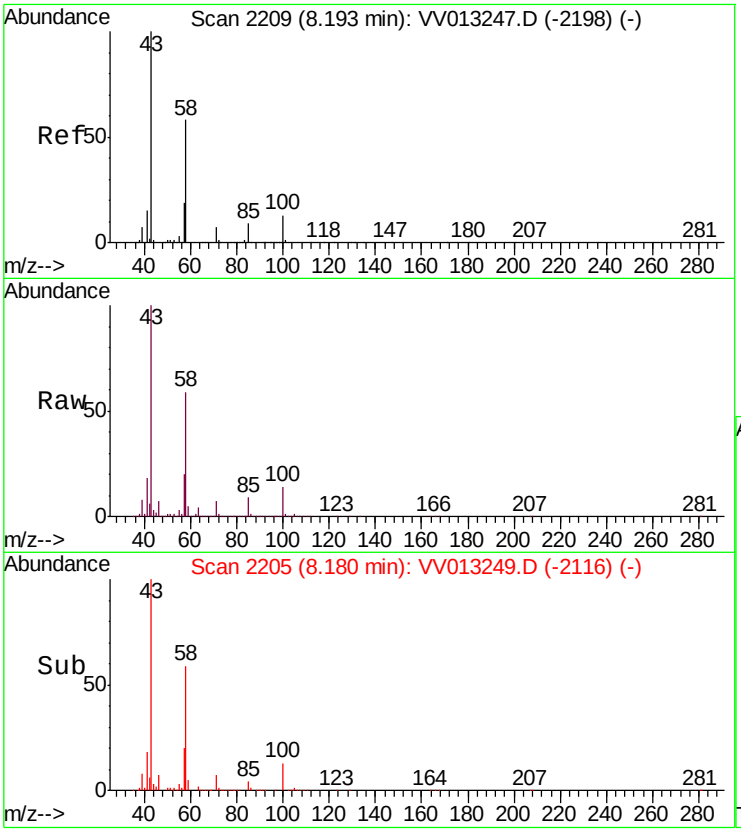


#47
Tetrachloroethene
Concen: 21.951 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:164 Resp: 1022357

Ion	Ratio	Lower	Upper
164	100		
129	85.9	61.0	113.2
131	83.0	57.5	106.9
166	127.6	87.8	163.0



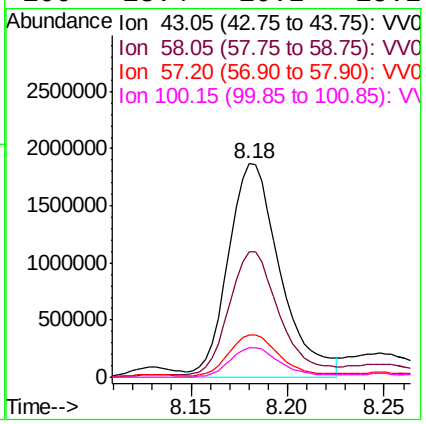


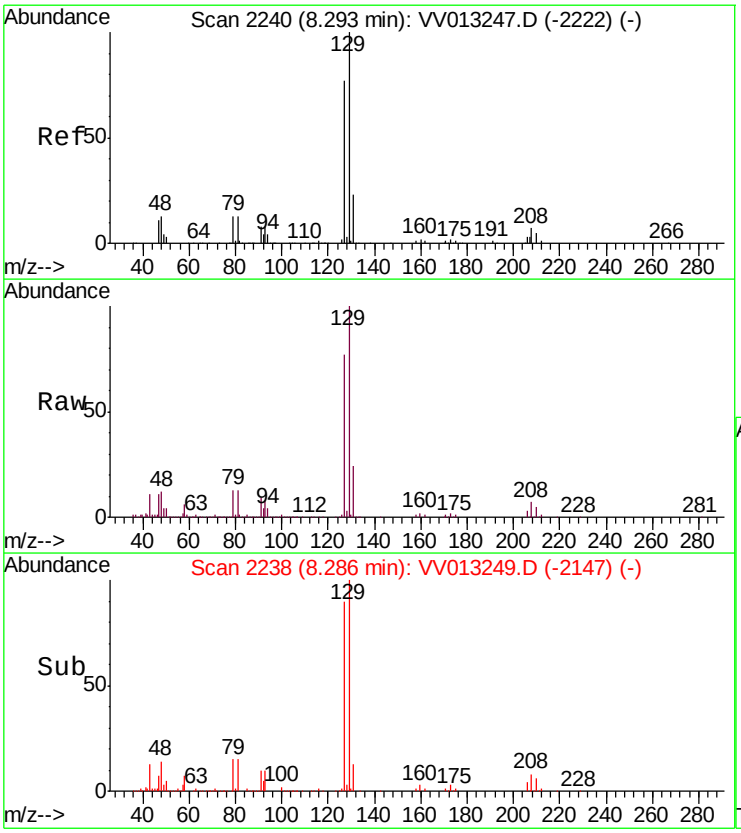
#48
2-Hexanone
Concen: 182.475 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument : MSVOA_V
ClientSampleId : VSTD02035

Tgt Ion: 43 Resp: 3502513

Ion	Ratio	Lower	Upper
43	100		
58	58.6	45.1	67.7
57	20.0	15.5	23.3
100	13.4	10.2	15.2

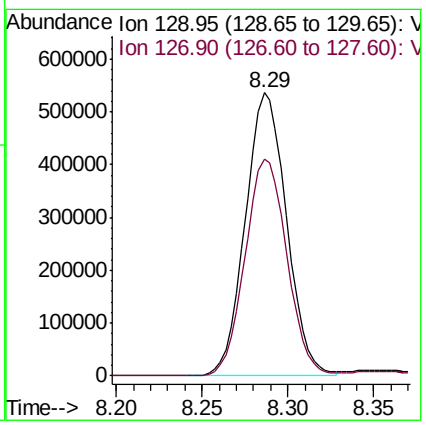


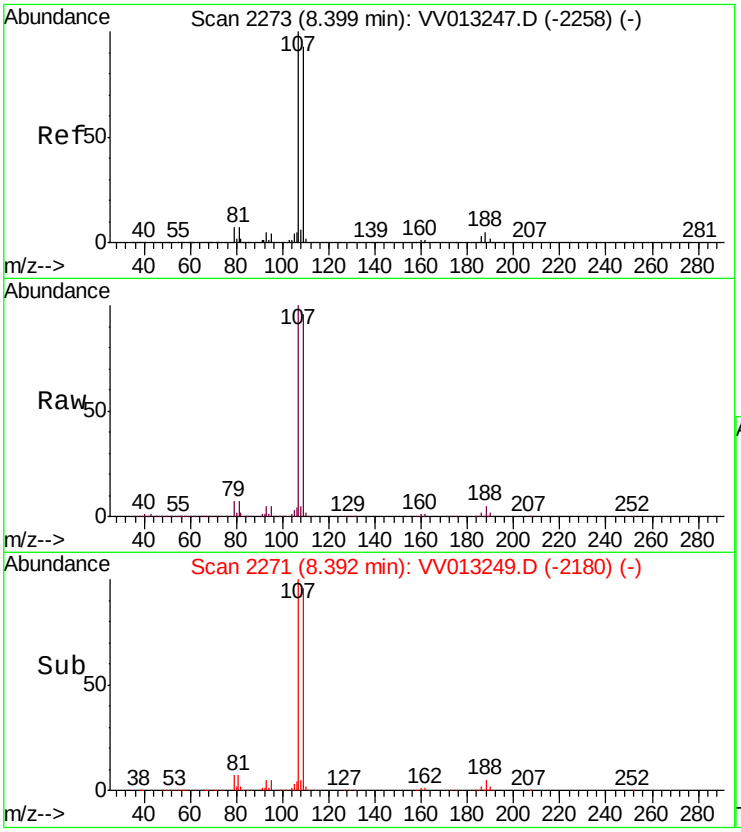


#49
Dibromochloromethane
Concen: 21.671 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:129 Resp: 894116

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.1	100.5



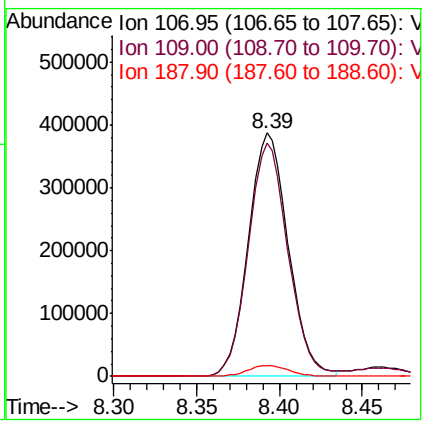


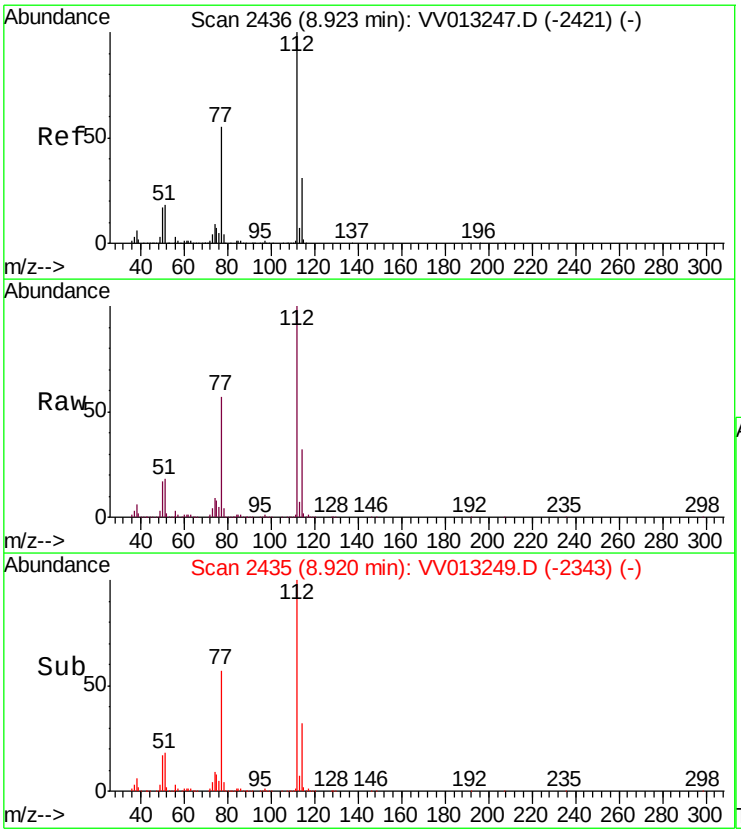
#50
1,2-Dibromoethane
Concen: 20.843 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. -0.01 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:107 Resp: 648272

Ion	Ratio	Lower	Upper
107	100		
109	95.9	65.5	121.6
188	4.6	3.7	5.5

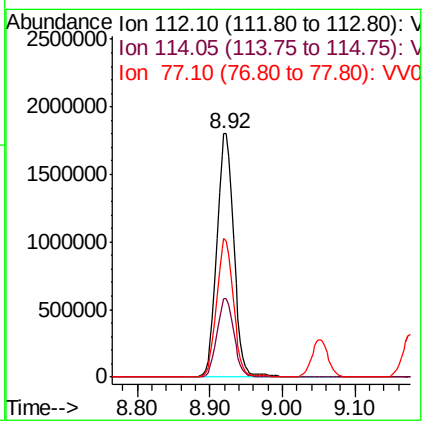


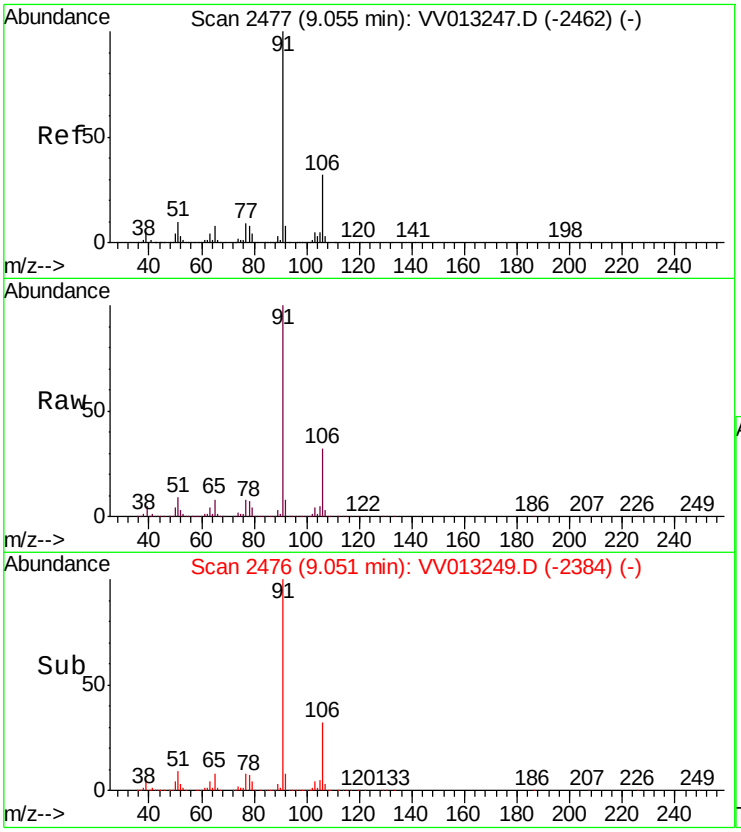


#51
Chlorobenzene
Concen: 21.660 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:112 Resp: 2925495

Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.8	40.6
77	56.9	44.4	66.6



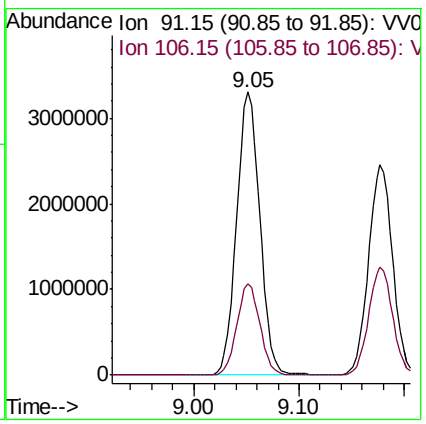


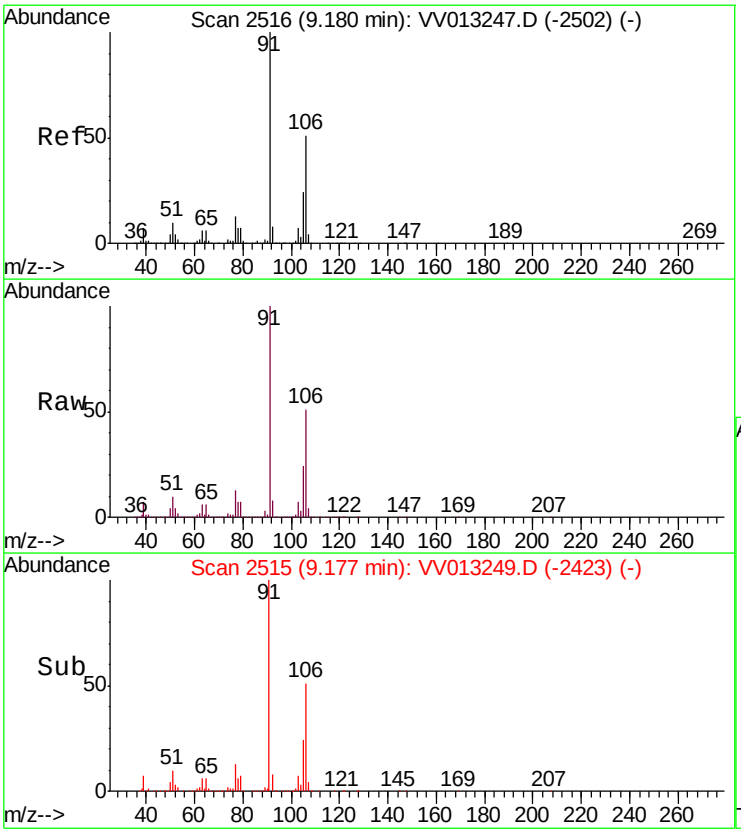
#52
Ethylbenzene
Concen: 23.279 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion: 91 Resp: 5054876

Ion	Ratio	Lower	Upper
91	100		
106	32.3	22.4	41.6

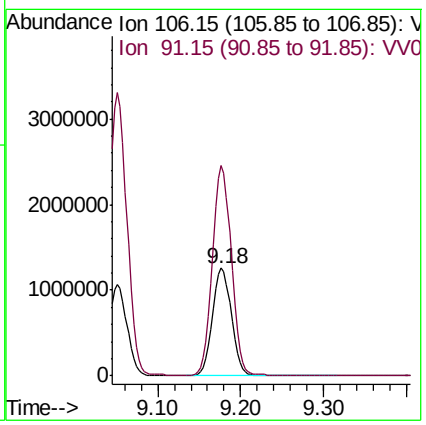


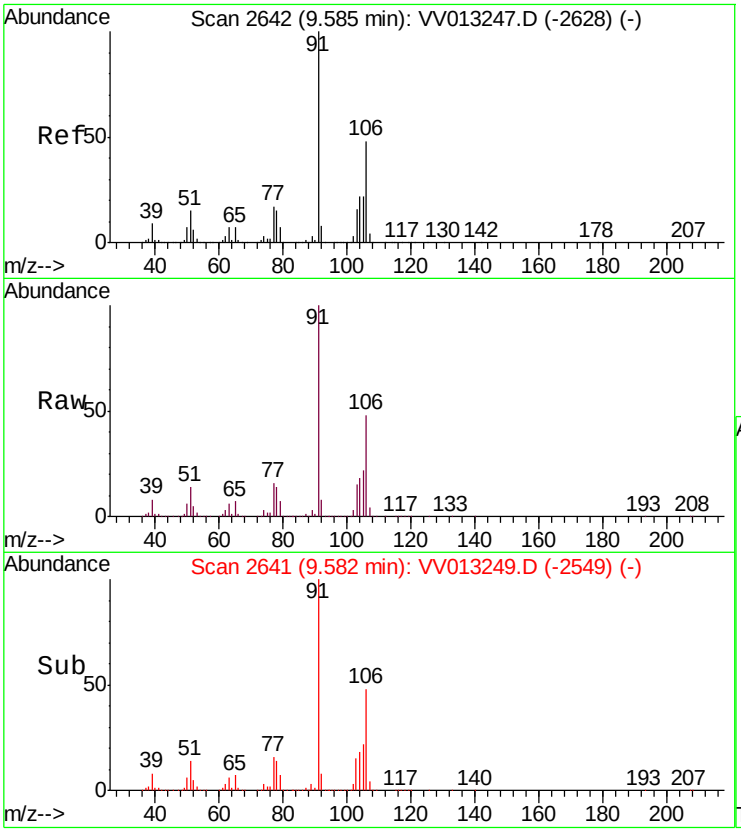


#53
m,p-xylene
Concen: 24.364 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:106 Resp: 2003268

Ion	Ratio	Lower	Upper
106	100		
91	195.1	137.8	255.8



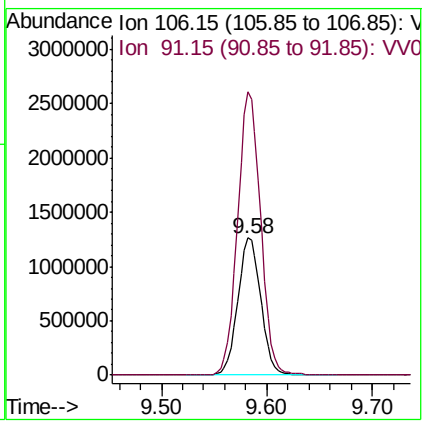


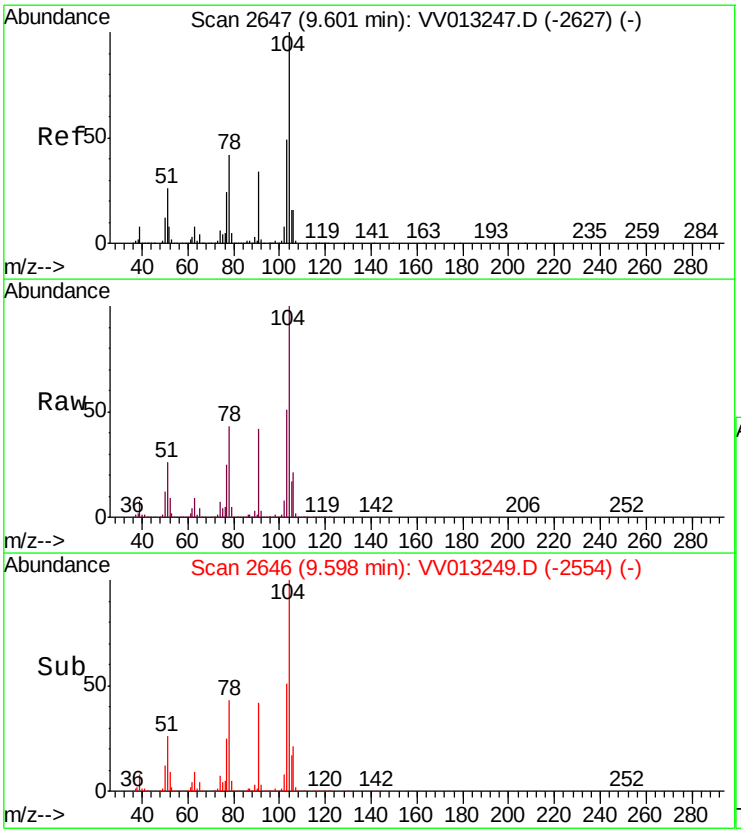
#54
o-xylene
Concen: 24.032 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:106 Resp: 1905626

Ion	Ratio	Lower	Upper
106	100		
91	206.6	147.0	273.0

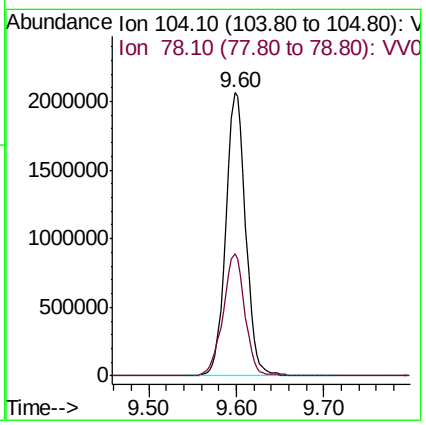


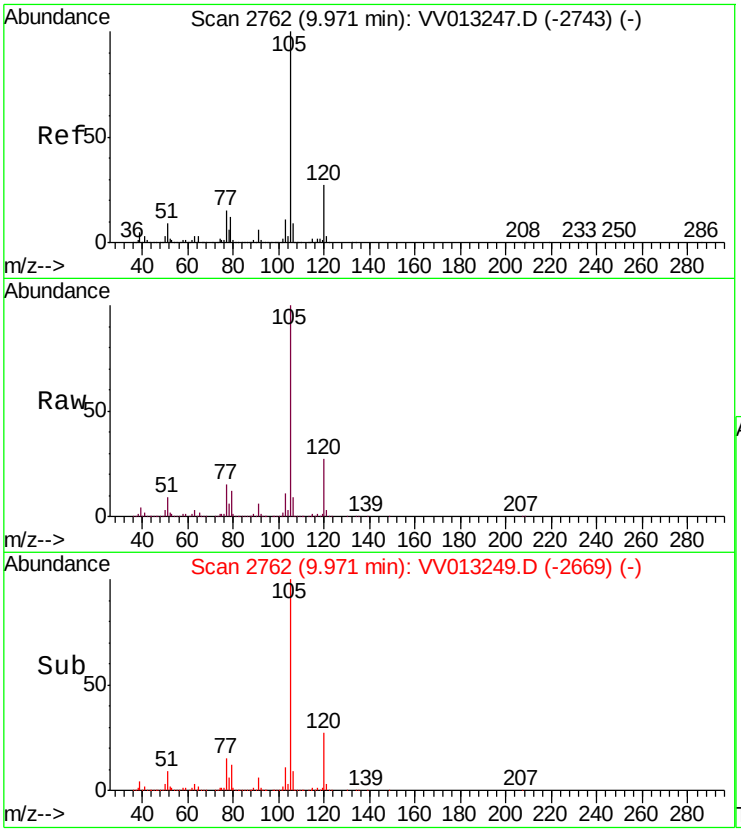


#55
Styrene
Concen: 24.413 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:104 Resp: 3254138

Ion	Ratio	Lower	Upper
104	100		
78	43.2	29.6	55.0



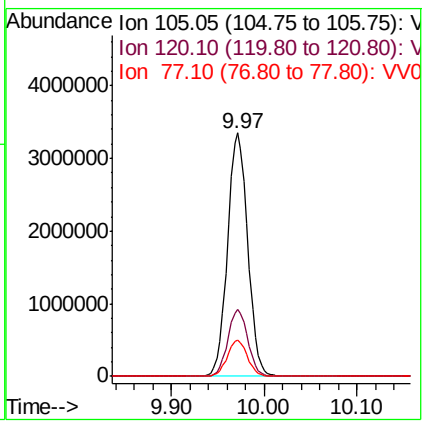


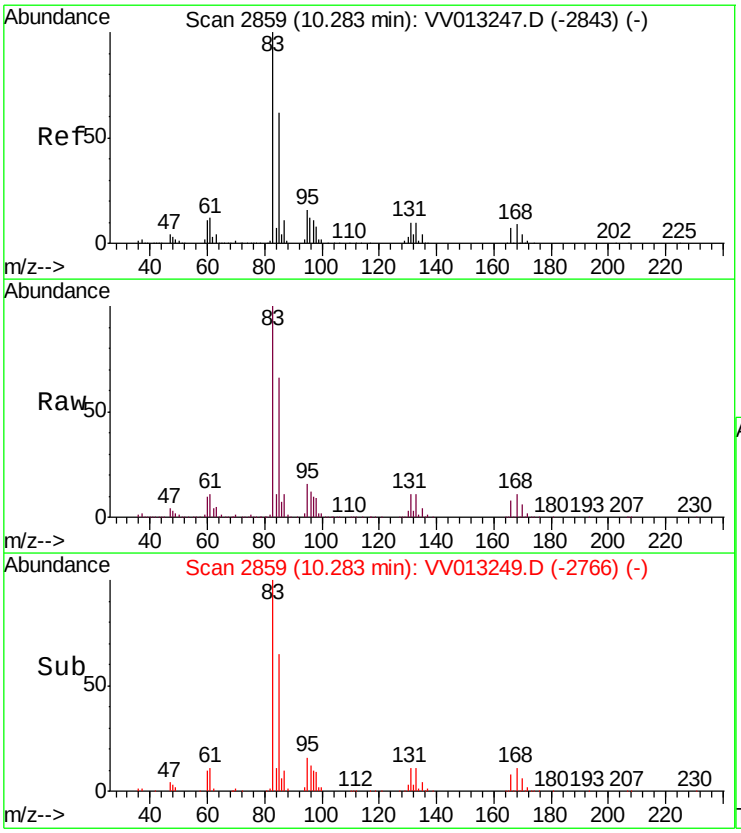
#56
Isopropylbenzene
Concen: 24.096 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:105 Resp: 5039767

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.8	32.6
77	14.8	12.0	18.0

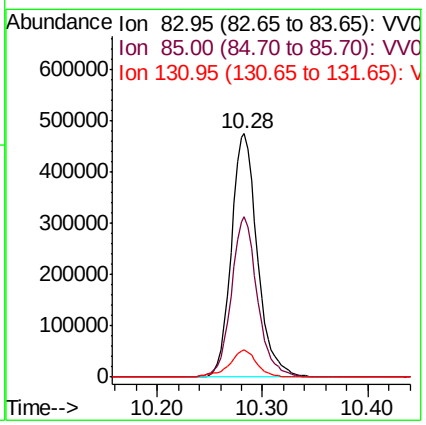


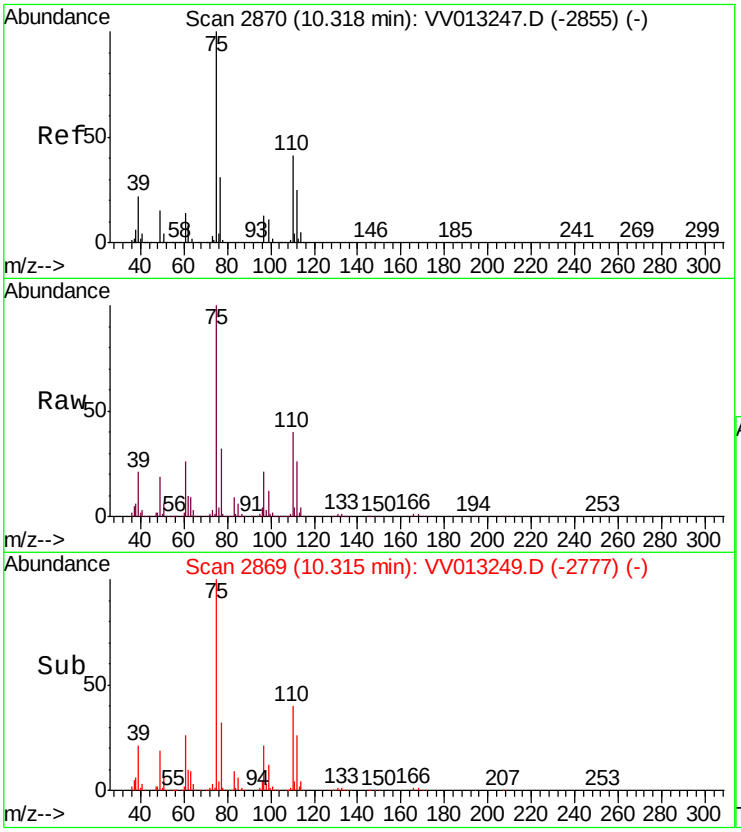


#58
1,1,2,2-Tetrachloroethane
Concen: 20.289 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 83 Resp: 806950

Ion	Ratio	Lower	Upper
83	100		
85	65.7	43.3	80.3
131	11.0	8.3	12.5



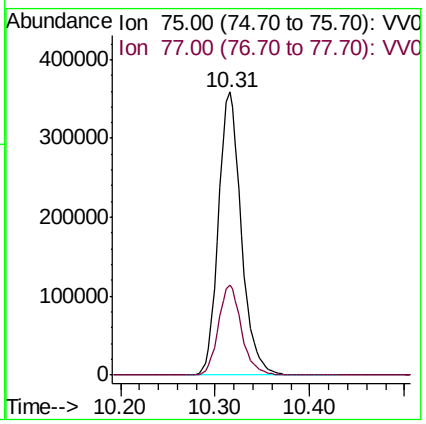


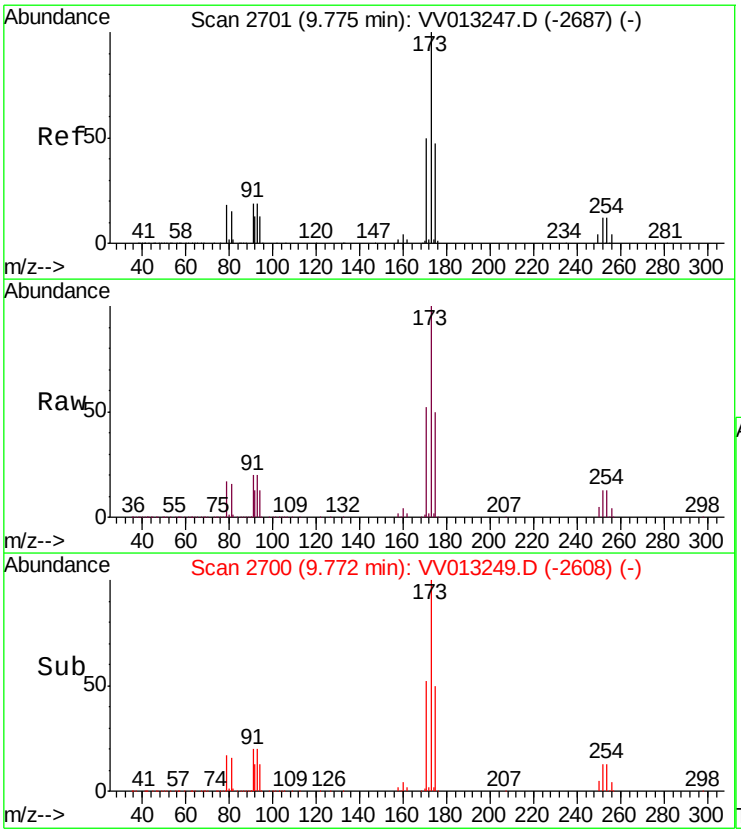
#59
1,2,3-Trichloropropane
Concen: 20.745 ug/L
RT: 10.31 min Scan# 2869
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument : MSVOA_V
ClientSampleId : VSTD02035

Tgt Ion: 75 Resp: 600227

Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1

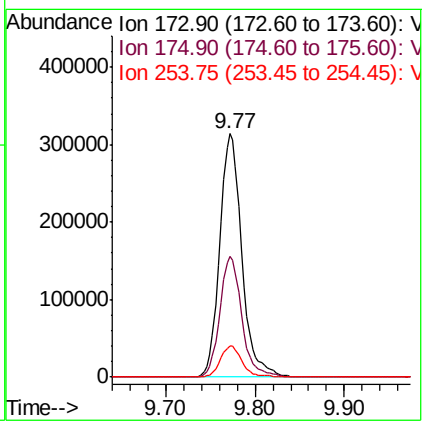


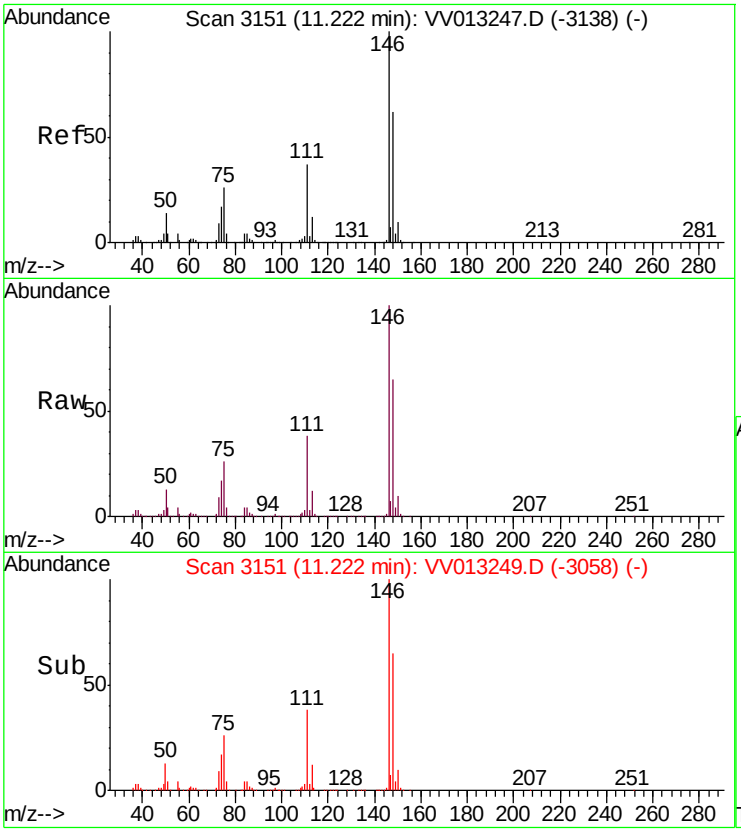


#61
Bromoform
Concen: 19.920 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:173 Resp: 537936

Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.8	58.2
254	12.6	9.8	14.8



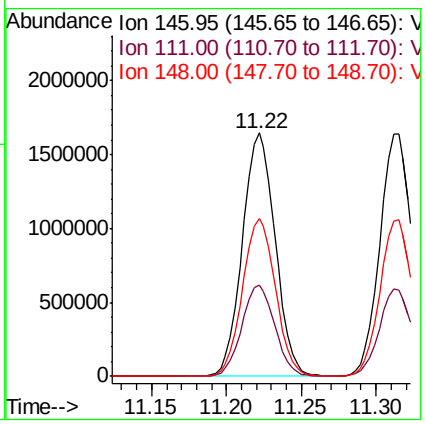


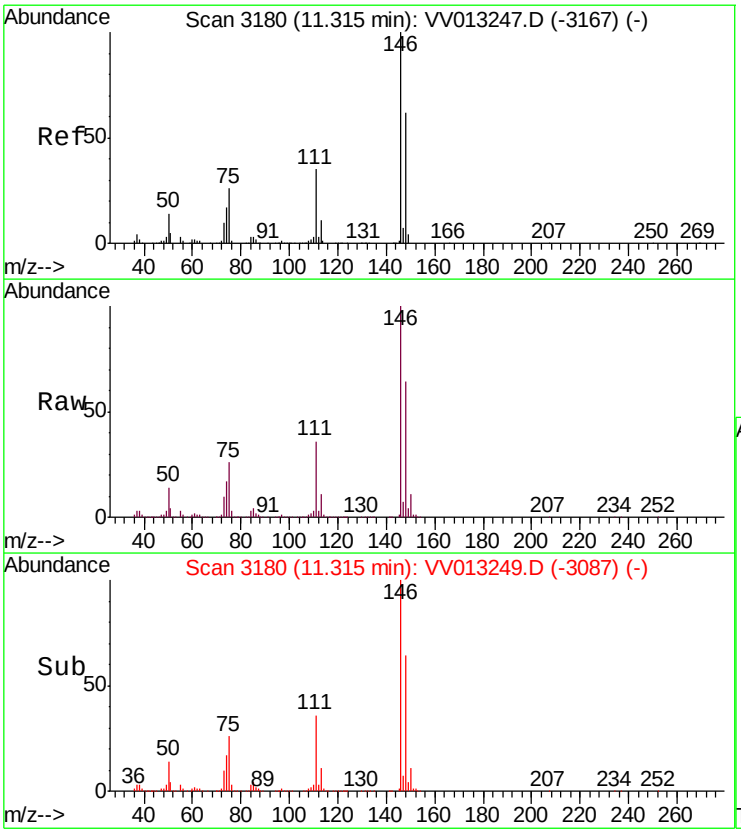
#62
1,3-Dichlorobenzene
Concen: 21.091 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:146 Resp: 2517637

Ion	Ratio	Lower	Upper
146	100		
111	37.5	25.8	47.8
148	65.0	43.8	81.3

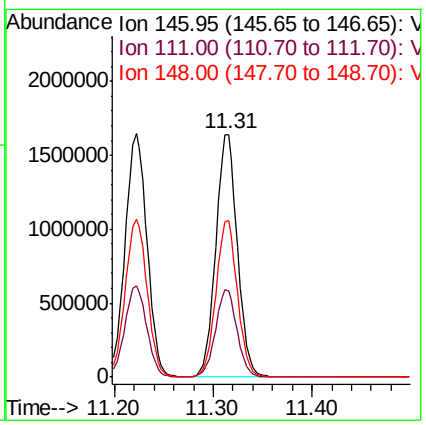


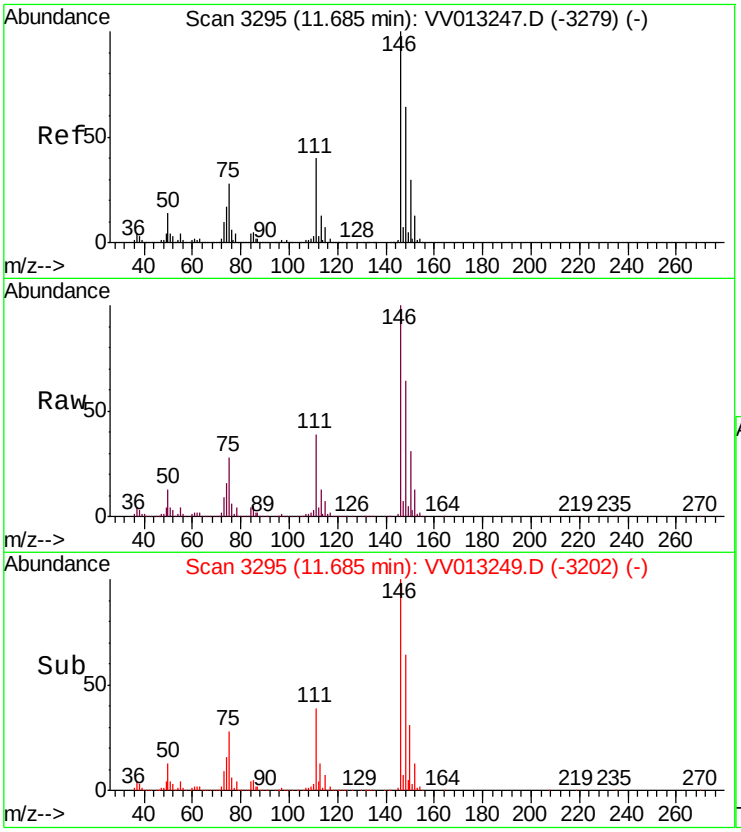


#63
1,4-Dichlorobenzene
Concen: 21.075 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:146 Resp: 2516017

Ion	Ratio	Lower	Upper
146	100		
111	35.6	24.6	45.6
148	64.3	43.3	80.5



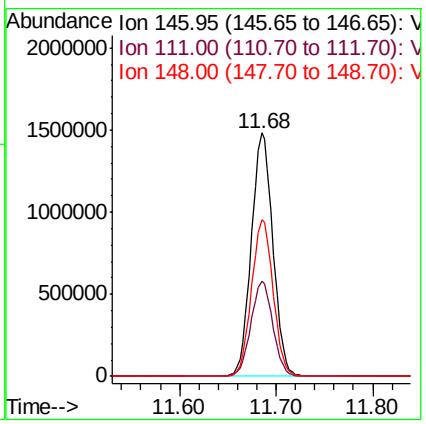


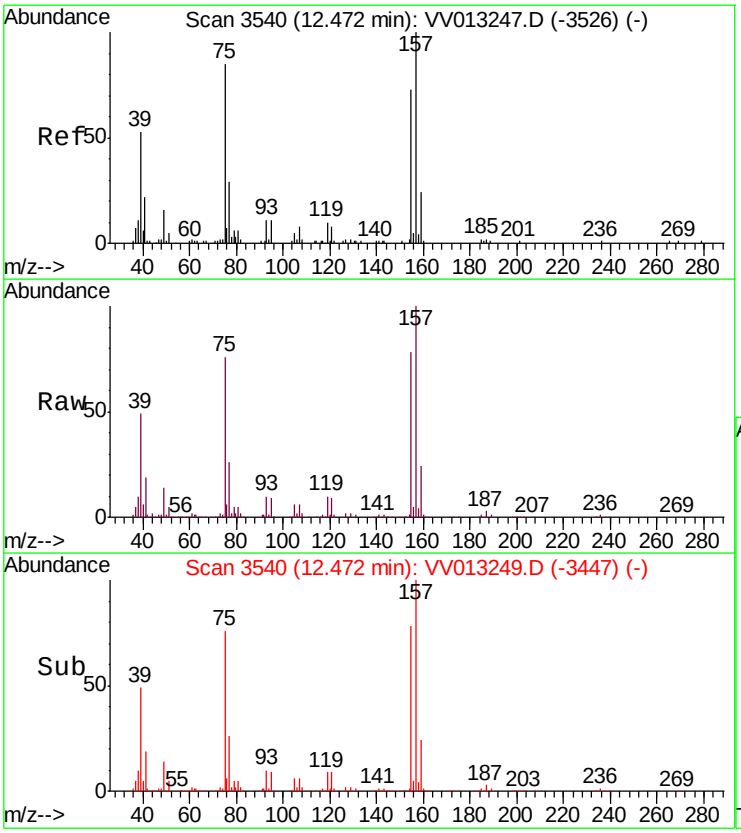
#65
1,2-Dichlorobenzene
Concen: 20.312 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:146 Resp: 2291691

Ion	Ratio	Lower	Upper
146	100		
111	39.0	31.8	47.6
148	64.3	51.0	76.6

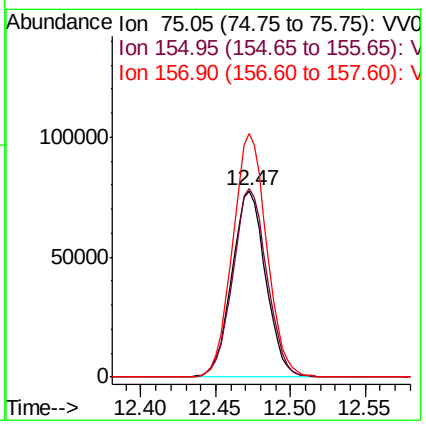


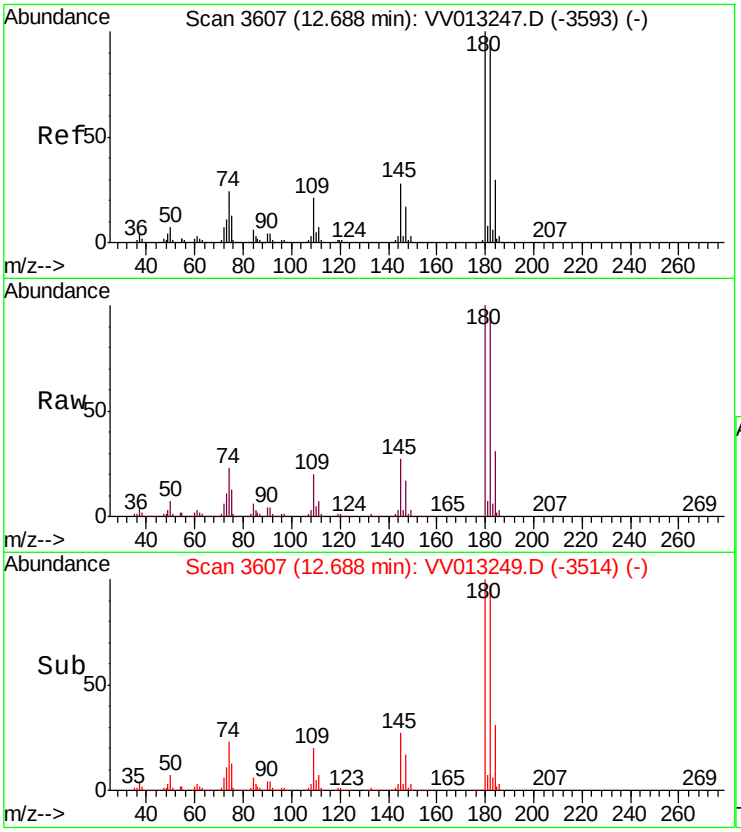


#66
1,2-Dibromo-3-chloropropane
Concen: 17.289 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion: 75 Resp: 121745

Ion	Ratio	Lower	Upper
75	100		
155	101.6	69.3	103.9
157	130.8	94.3	141.5



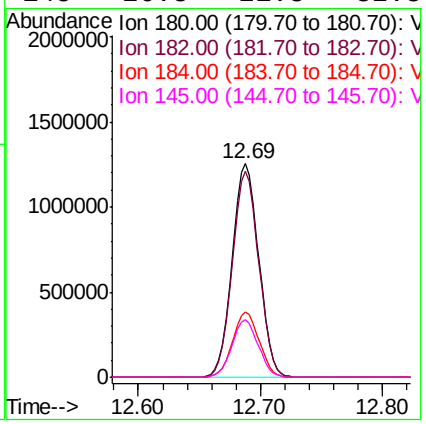


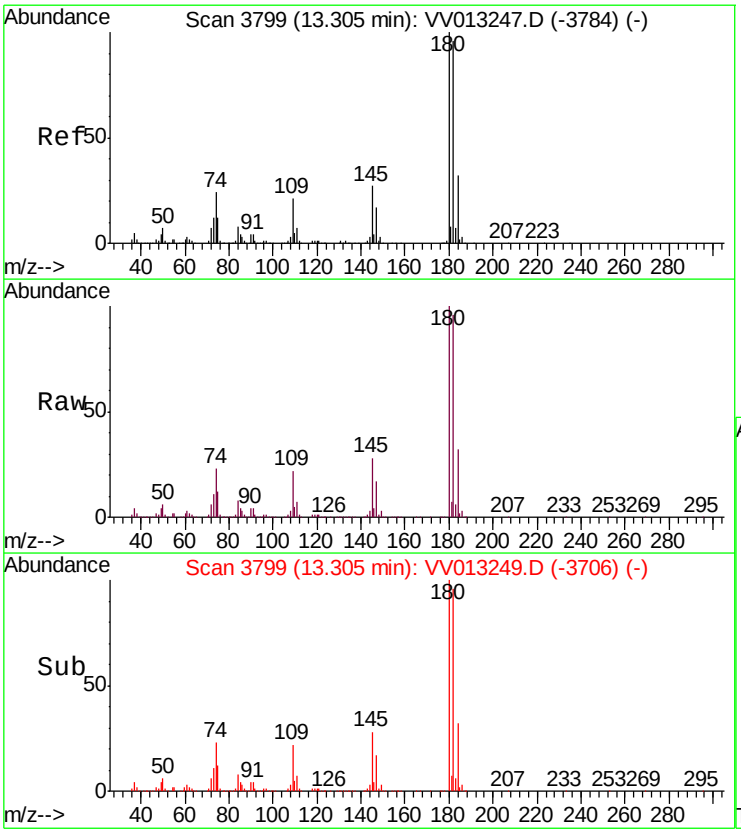
#67
1,3,5-Trichlorobenzene
Concen: 21.656 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:180 Resp: 1896108

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.2
184	30.6	24.0	36.0
145	26.8	21.8	32.8

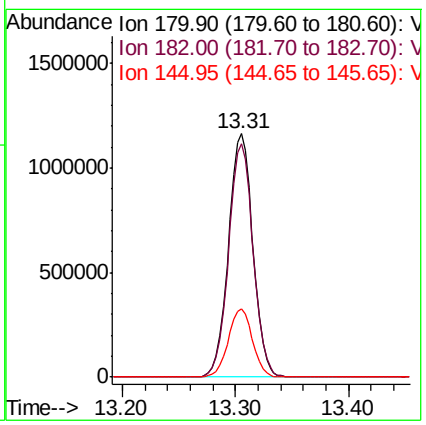


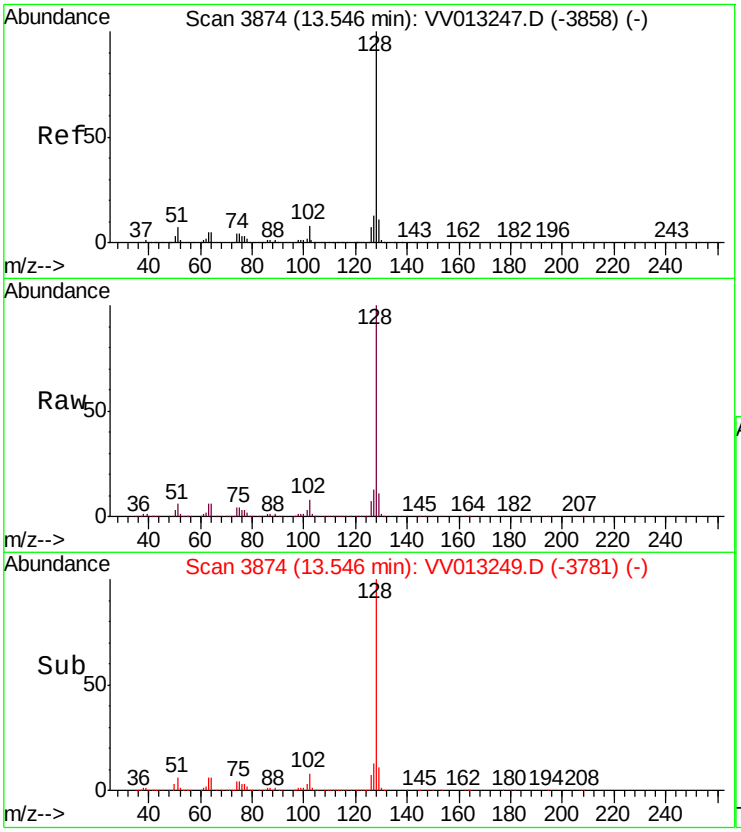


#68
1,2,4-trichlorobenzene
Concen: 23.040 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:180 Resp: 1742072

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.7	115.1
145	27.8	22.1	33.1



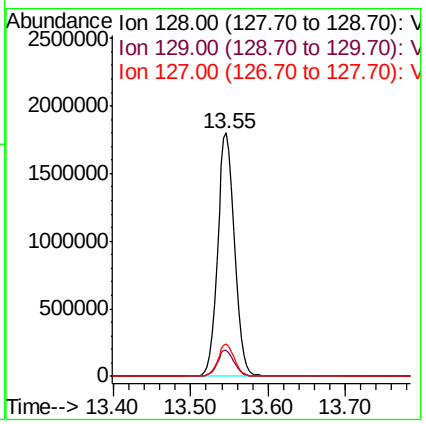


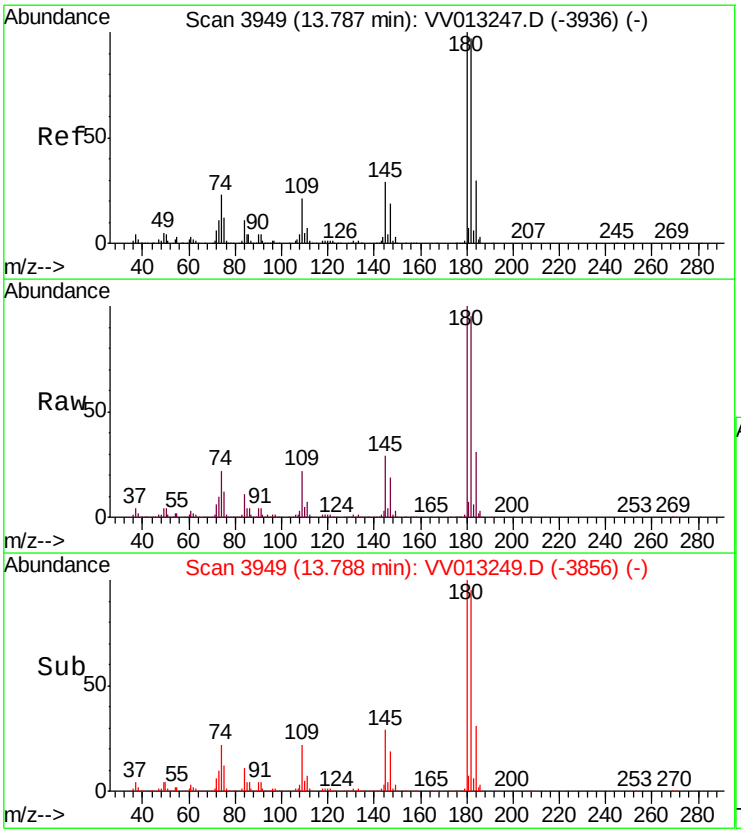
#69
Naphthalene
Concen: 24.103 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD02035

Tgt Ion:128 Resp: 2778470

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.0	10.4	15.6





#70
1,2,3-Trichlorobenzene
Concen: 21.688 ug/L
RT: 13.79 min Scan# 3949
Delta R.T. 0.00 min
Lab File: VV013249.D
Acq: 21 Oct 2019 17:23

Tgt Ion:180 Resp: 1627463

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.5	114.7
145	29.1	23.5	35.3