Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092619\

Quantitation Report (Not Reviewed)

Data File : VV013001.D
Acq On : 26 Sep 2019 16:39
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Quant Time: Sep 27 02:19:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	825235	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	795535	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	426662	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	243077	18.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.92%			
7) Chloroethane-d5	1.58	69	203947	19.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.80%			
10) 1,1-Dichloroethene-d2	2.13	63	437639	20.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.20%			
20) 2-Butanone-d5	3.95	46	173816	39.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.64%			
24) Chloroform-d	4.40	84	440131	19.41	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 77.64%			
26) 1,2-Dichloroethane-d4	5.08	65	245653	18.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.56%			
29) Benzene-d6	5.09	84	890597	20.05	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.20%			
33) 1,2-Dichloropropane-d6	6.11	67	274703	19.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 78.92%			
37) Toluene-d8	7.35	98	823025	20.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.64%			
38) trans-1,3-Dichloropropene-	7.66	79	112949	19.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.64%			
39) 2-Hexanone-d5	8.13	63	115139	41.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.20%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	250708	18.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	313069	18.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 75.56%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	253912	27.939	ug/L	99
3) Chloromethane	1.25	50	295271	24.879	ug/L	98
5) Vinyl chloride	1.32	62	302493	25.815	ug/L	99
6) Bromomethane	1.53	94	177589	24.278	ug/L	98
8) Chloroethane	1.60	64	189323	26.293	ug/L	100
9) Trichlorofluoromethane	1.77	101	410594	25.908	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	251380	24.817	ug/L	98
12) 1,1-Dichloroethene	2.14	96	232128	24.883	ug/L	99
13) Acetone	2.22	43	217374	46.260	ug/L	100
14) Carbon disulfide	2.32	76	723956	24.295	ug/L	100
15) Methyl Acetate	2.47	43	157332	21.587	ug/L	99
16) Methylene chloride	2.53	84	305257	24.748	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	619199	22.622	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	267633	24.238	ug/L	98
19) 1,1-Dichloroethane	3.23	63	489805	24.307	ug/L	99
21) 2-Butanone	4.03	43	243989	44.616	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	287009	23.750	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092619\

Quantitation Report (Not Reviewed)

Data File : VV013001.D
Acq On : 26 Sep 2019 16:39
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Quant Time: Sep 27 02:19:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	133471	22.360	ug/L	99
25) Chloroform	4.42	83	490289	23.206	ug/L	99
27) 1,2-Dichloroethane	5.17	62	337898	22.628	ug/L	99
30) Cyclohexane	4.72	56	456321	26.736	ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	402201	25.545	ug/L	99
32) Carbon tetrachloride	4.87	117	363096	25.433	ug/L	99
34) Benzene	5.14	78	1116176	25.206	ug/L	100
35) Trichloroethene	5.96	95	298468	24.195	ug/L	99
36) Methylcyclohexane	6.17	83	497585	26.275	ug/L	99
40) 1,2-Dichloropropane	6.22	63	284564	24.711	ug/L	99
41) Bromodichloromethane	6.55	83	354859	24.058	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	406748	24.038	ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	434769	45.953	ug/L	100
44) Toluene	7.43	91	1212052	25.952	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	336756	23.647	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	223137	22.824	ug/L	99
47) Tetrachloroethene	8.02	164	244986	24.435	ug/L	98
49) 2-Hexanone	8.18	43	335450	47.036	ug/L	97
50) Dibromochloromethane	8.29	129	258340	22.991	ug/L	99
51) 1,2-Dibromoethane	8.39	107	221075	23.076	ug/L	100
52) Chlorobenzene	8.92	112	771670	23.943	ug/L	99
53) Ethylbenzene	9.05	91	1331821	25.899	ug/L	100
54) m,p-Xylene	9.18	106	505623	25.864	ug/L	99
55) o-xylene	9.58	106	483402	25.952	ug/L	100
56) Styrene	9.60	104	854965	26.087	ug/L	99
57) Isopropylbenzene	9.97	105	1306771	26.694	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	275843	22.810	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	222290	22.270	ug/L	98
62) Bromoform	9.77	173	163685	22.608	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	635921	24.214	ug/L	99
64) 1,4-Dichlorobenzene	11.31	146	651894	23.651	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	594636	23.738	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	46316	20.854	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	502948	24.482	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	422865	23.539	ug/L	99
69) Naphthalene	13.55	128	829250	22.950	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	408216	23.635	ug/L	98

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

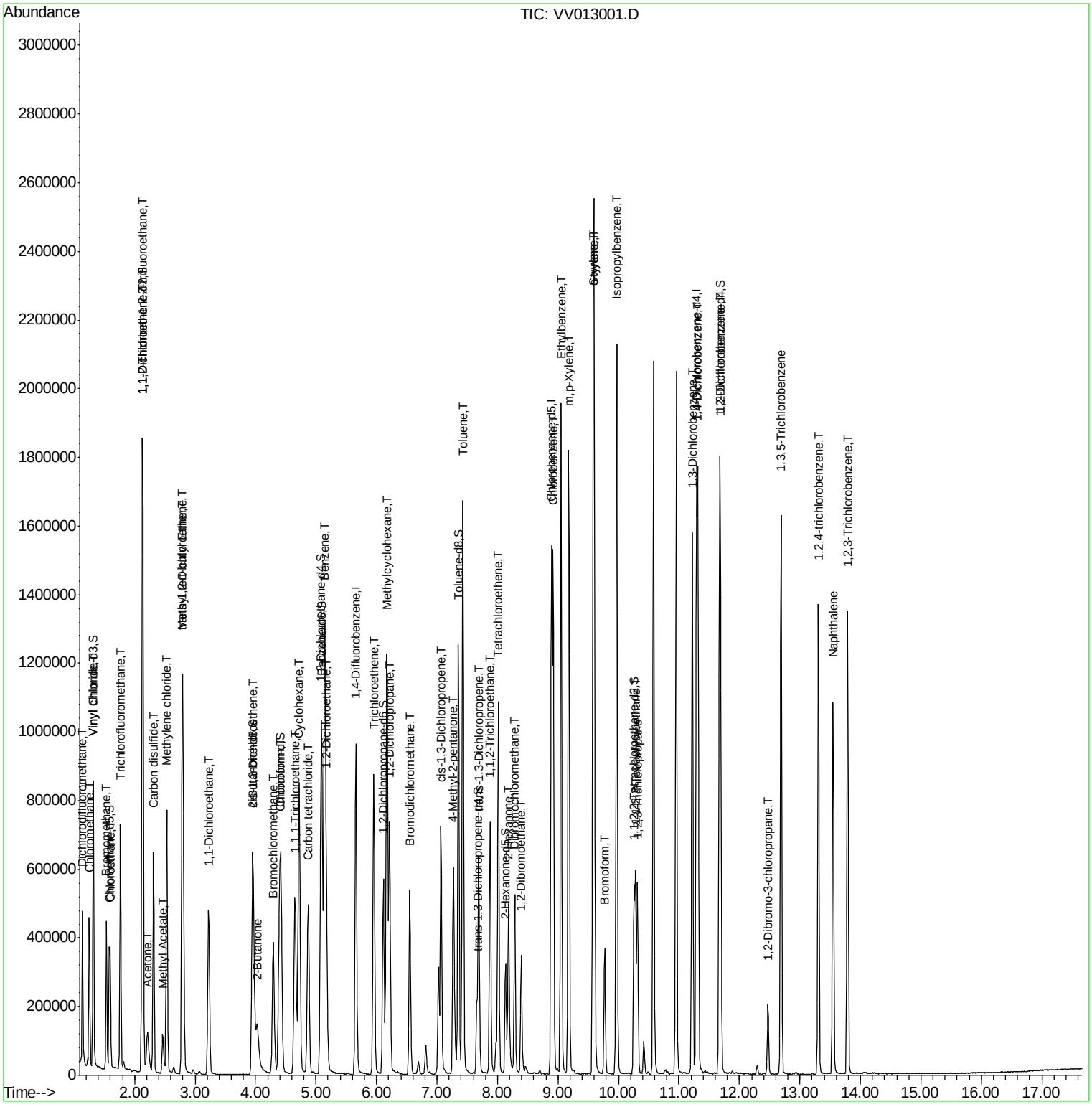
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092619\

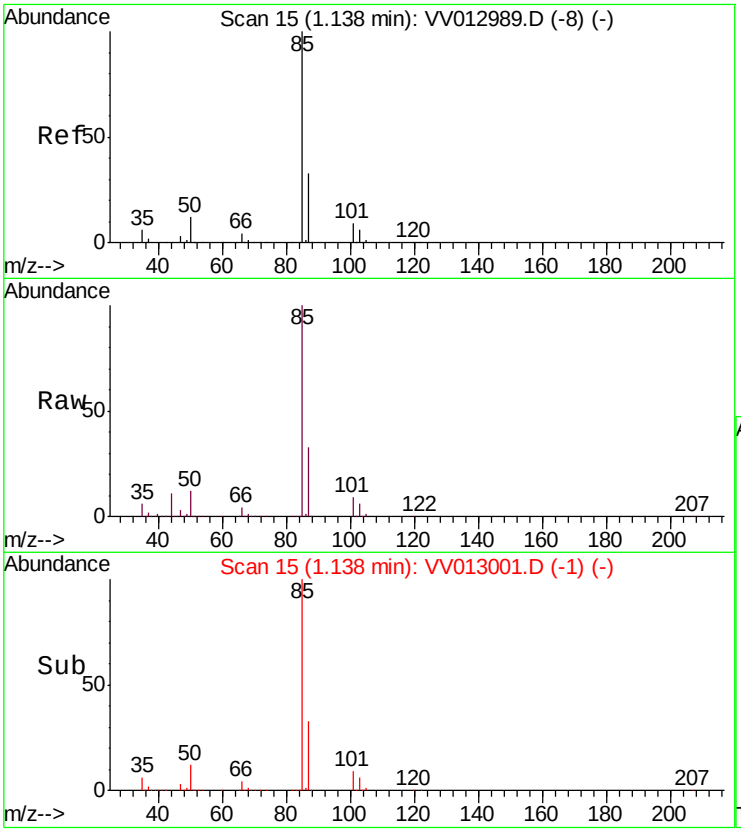
Quantitation Report (Not Reviewed)

Data File : VV013001.D
Acq On : 26 Sep 2019 16:39
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Quant Time: Sep 27 02:19:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:13:48 2019
Response via : Initial Calibration



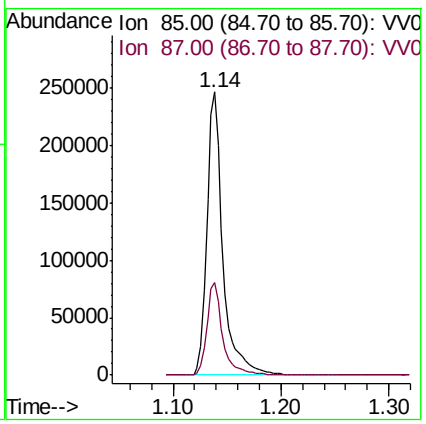


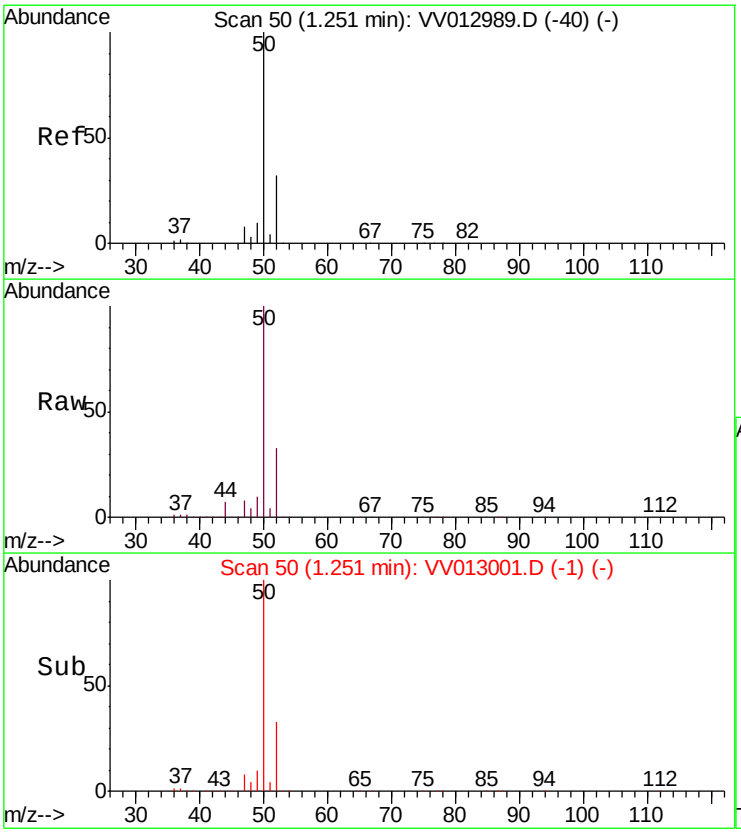
#2
Dichlorodifluoromethane
Concen: 27.939 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 85 Resp: 253912

Ion	Ratio	Lower	Upper
85	100		
87	32.6	23.2	43.0

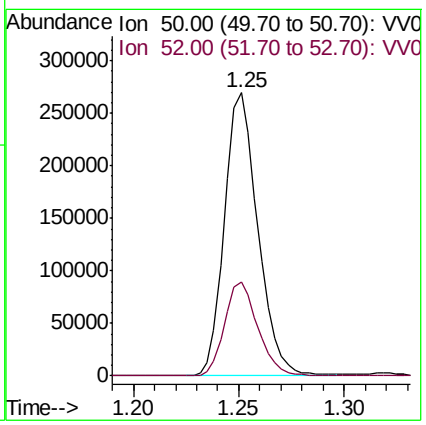


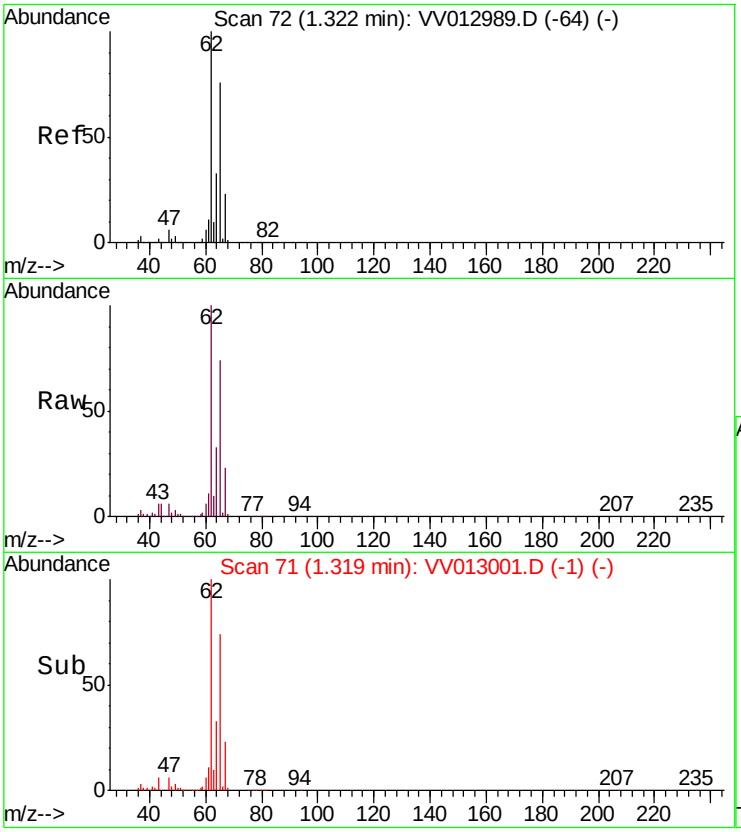


#3
Chloromethane
Concen: 24.879 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 50 Resp: 295271

Ion	Ratio	Lower	Upper
50	100		
52	33.4	22.7	42.1



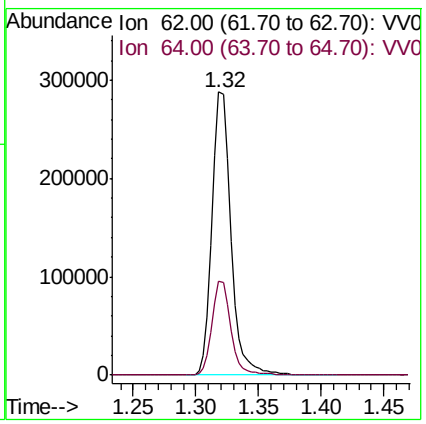


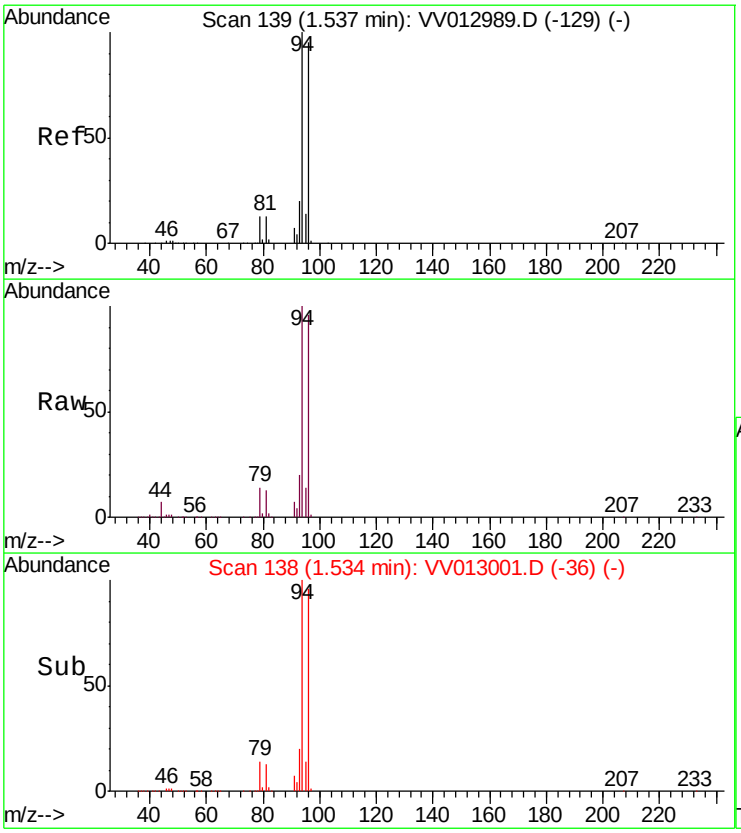
#5
Vinyl chloride
Concen: 25.815 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 62 Resp: 302493

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.7	42.1

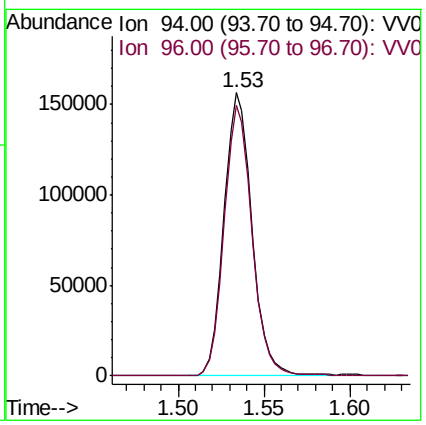


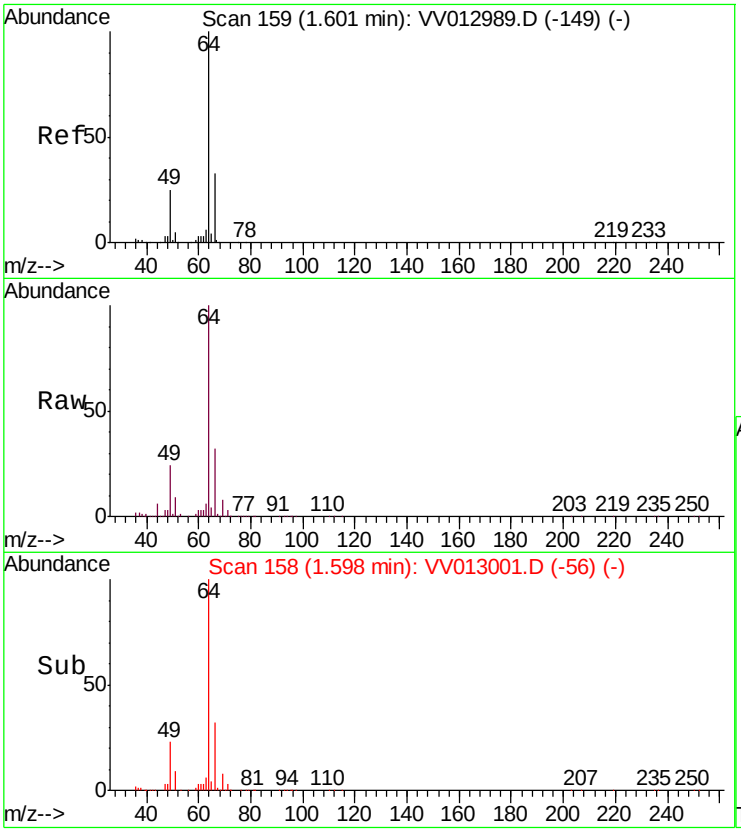


#6
Bromomethane
Concen: 24.278 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 94 Resp: 177589

Ion	Ratio	Lower	Upper
94	100		
96	95.4	9.4	177.8



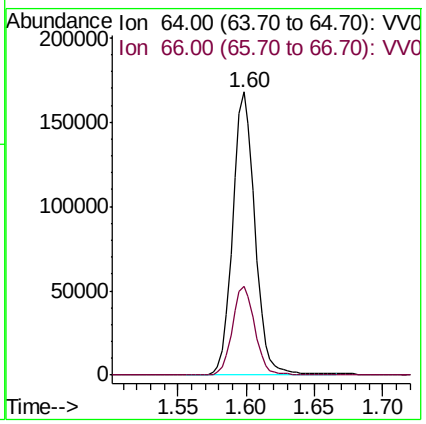


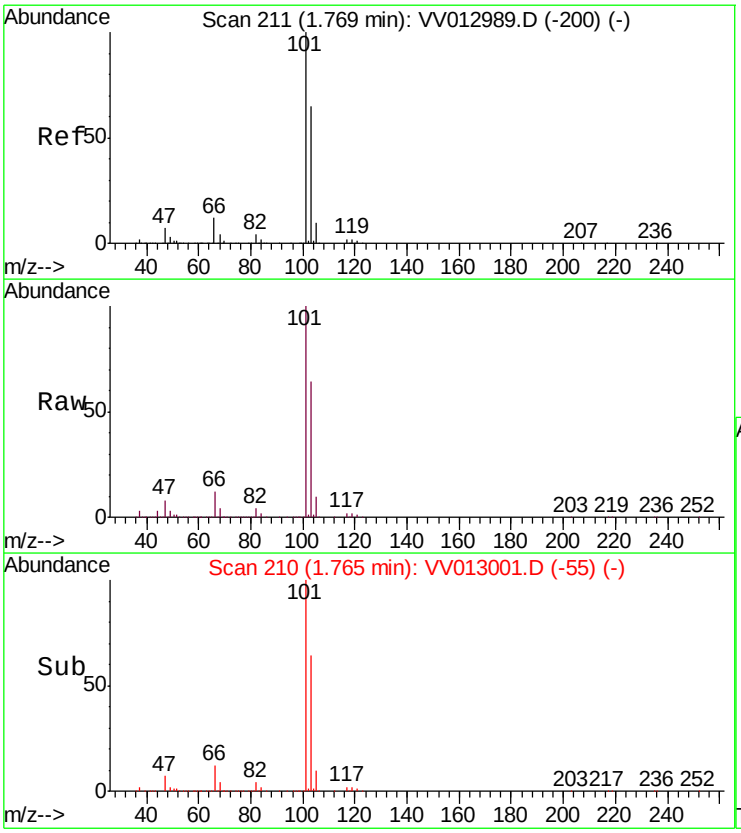
#8
Chloroethane
Concen: 26.293 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 64 Resp: 189323

Ion	Ratio	Lower	Upper
64	100		
66	31.5	22.2	41.2

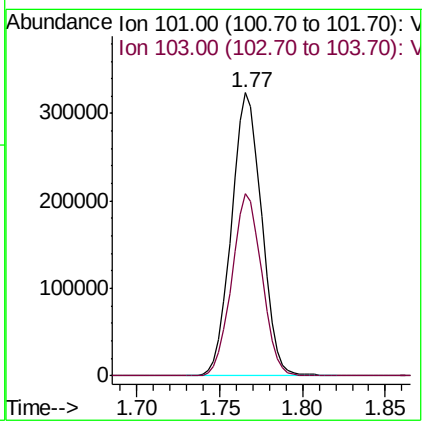


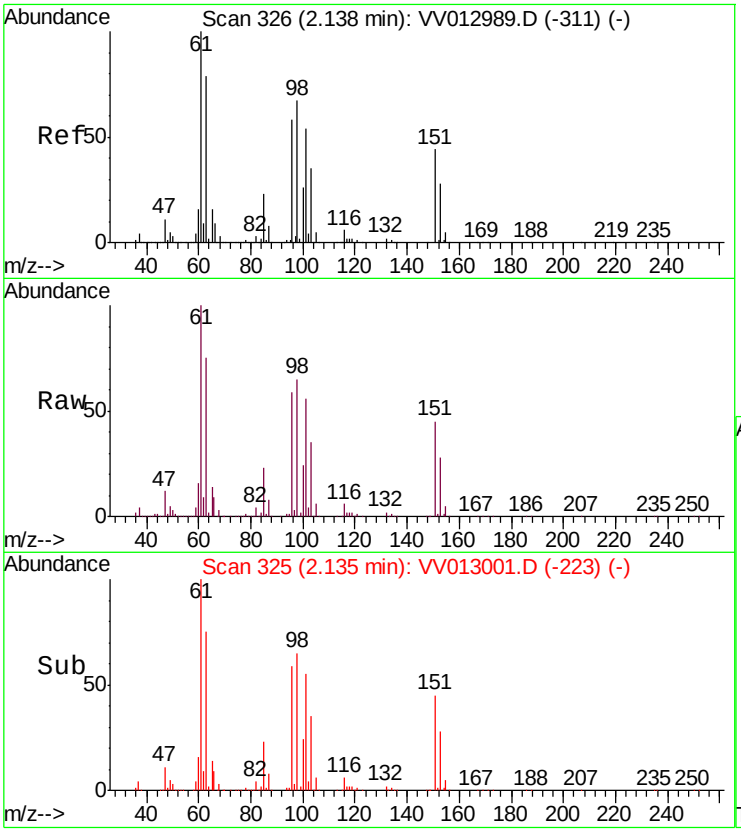


#9
Trichlorofluoromethane
Concen: 25.908 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:101 Resp: 410594

Ion	Ratio	Lower	Upper
101	100		
103	64.0	45.1	83.9



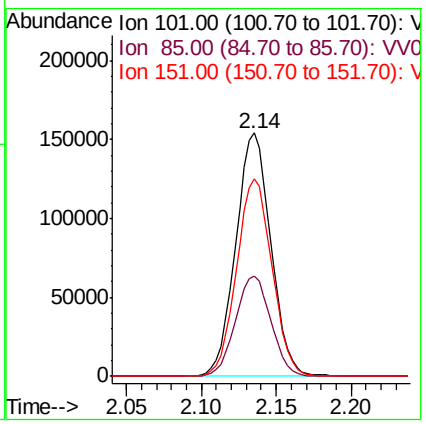


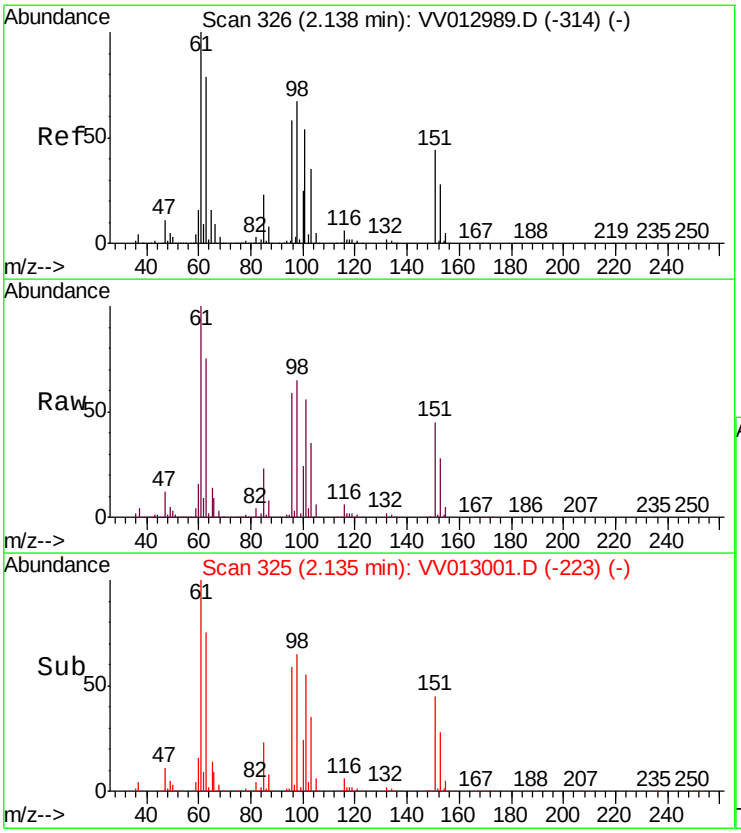
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.817 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:101 Resp: 251380

Ion	Ratio	Lower	Upper
101	100		
85	41.8	32.6	49.0
151	82.0	64.2	96.4

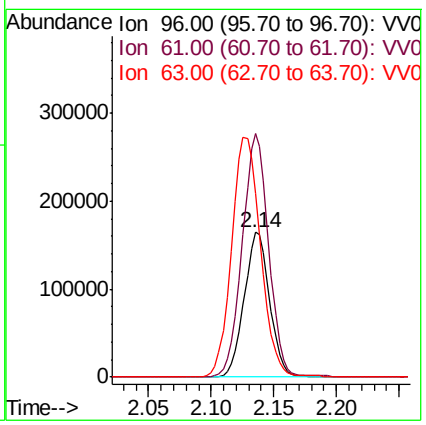


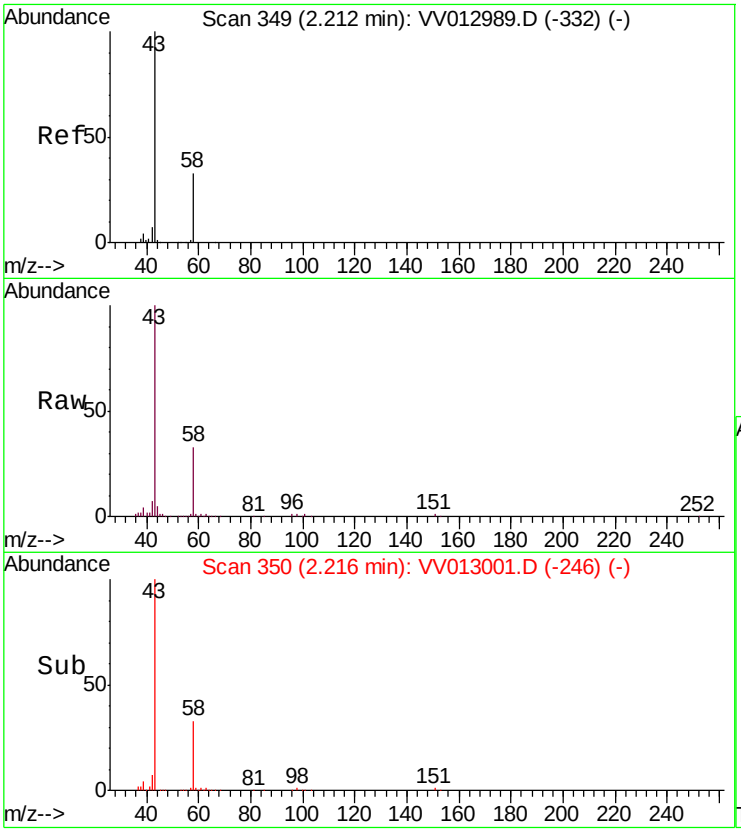


#12
1,1-Dichloroethene
Concen: 24.883 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 96 Resp: 232128

Ion	Ratio	Lower	Upper
96	100		
61	168.5	117.2	217.8
63	127.0	89.6	166.4



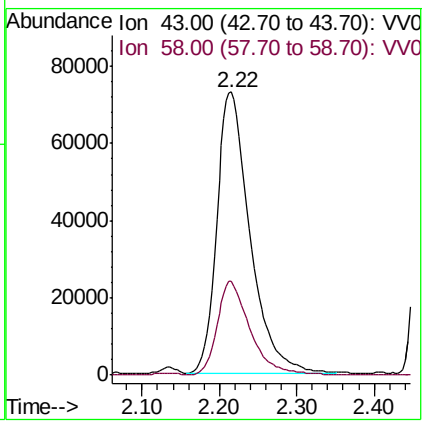


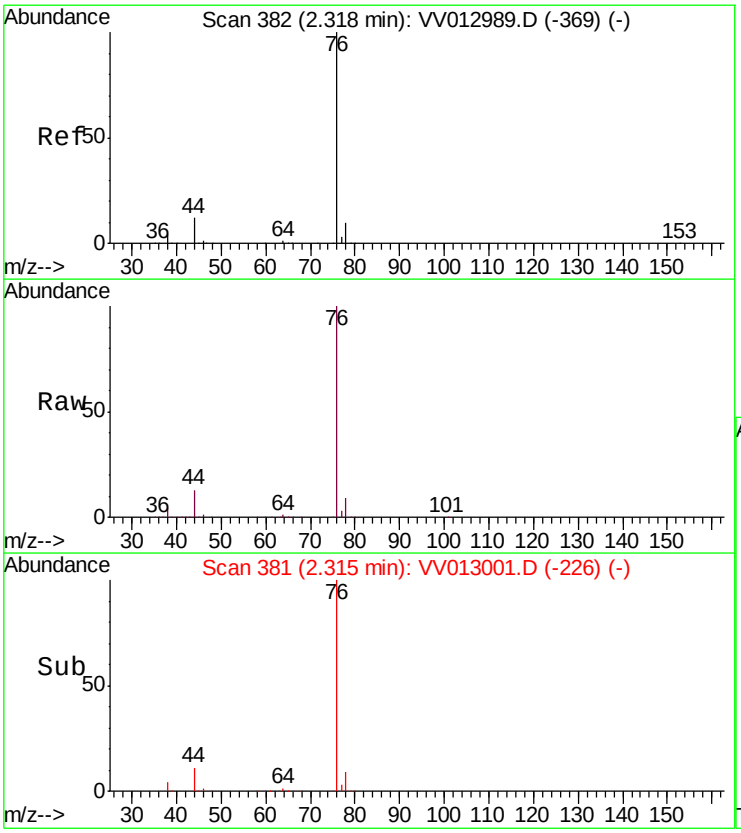
#13
Acetone
Concen: 46.260 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 43 Resp: 217374

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	65.0

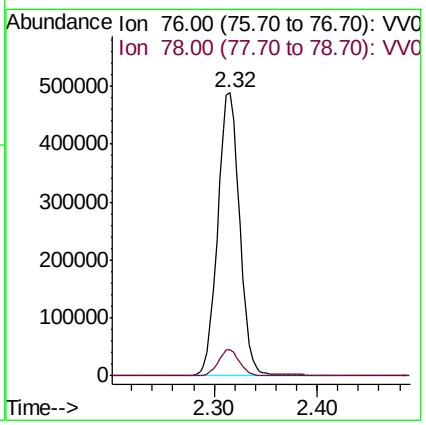


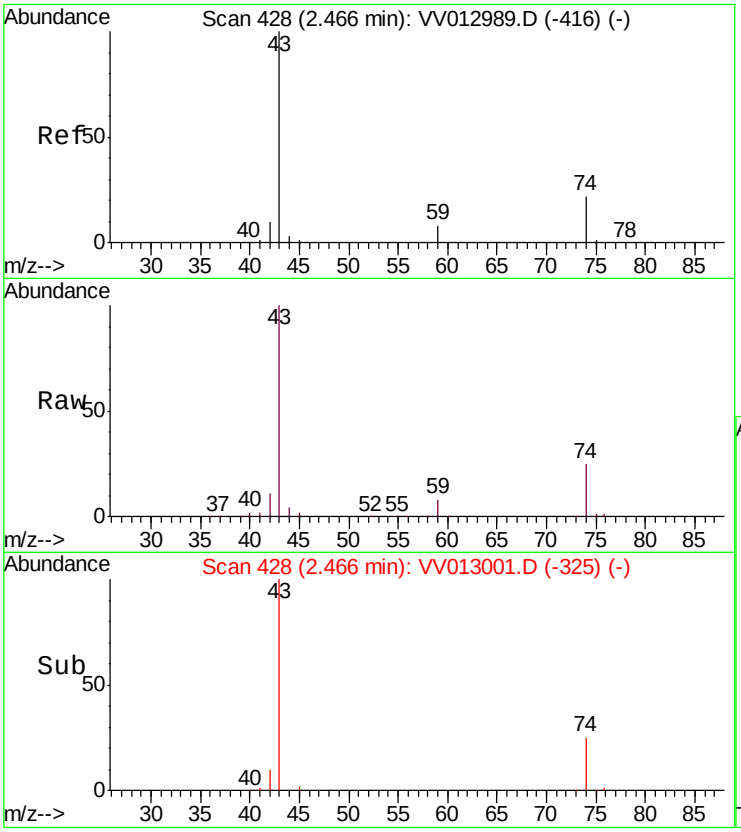


#14
Carbon disulfide
Concen: 24.295 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 76 Resp: 723956

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9



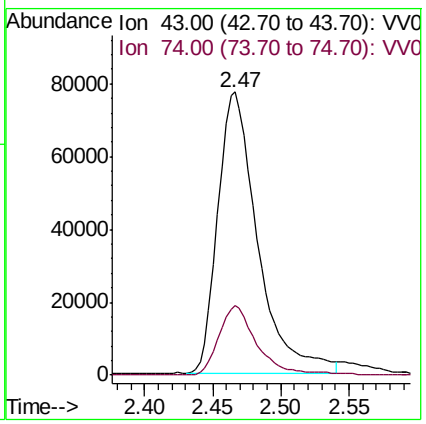


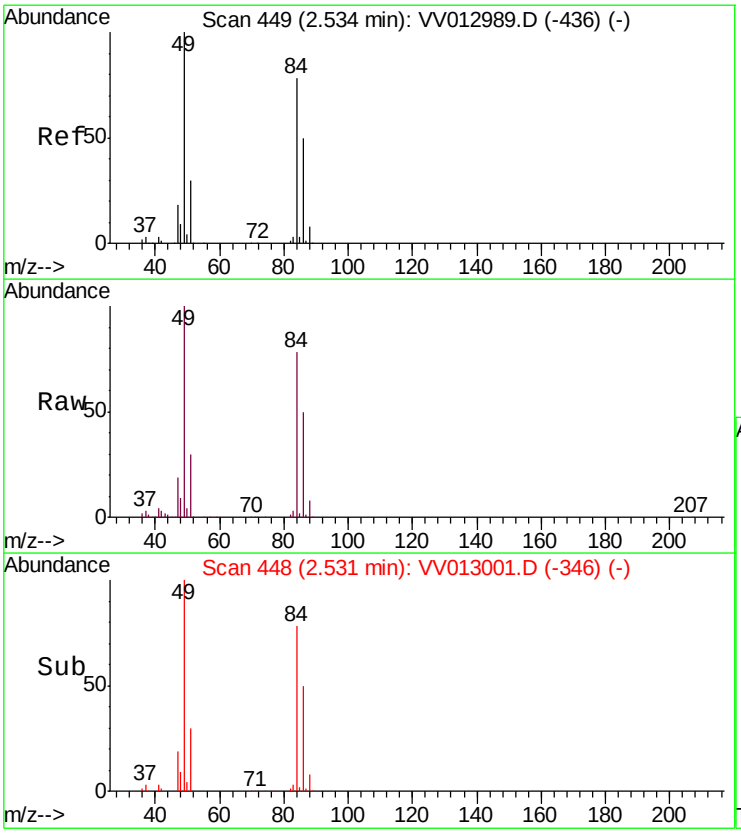
#15
Methyl Acetate
Concen: 21.587 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 43 Resp: 157332

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.8	28.2

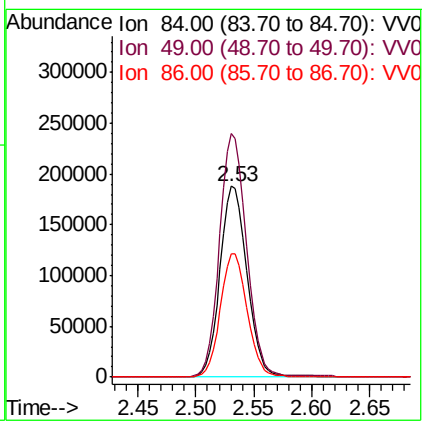


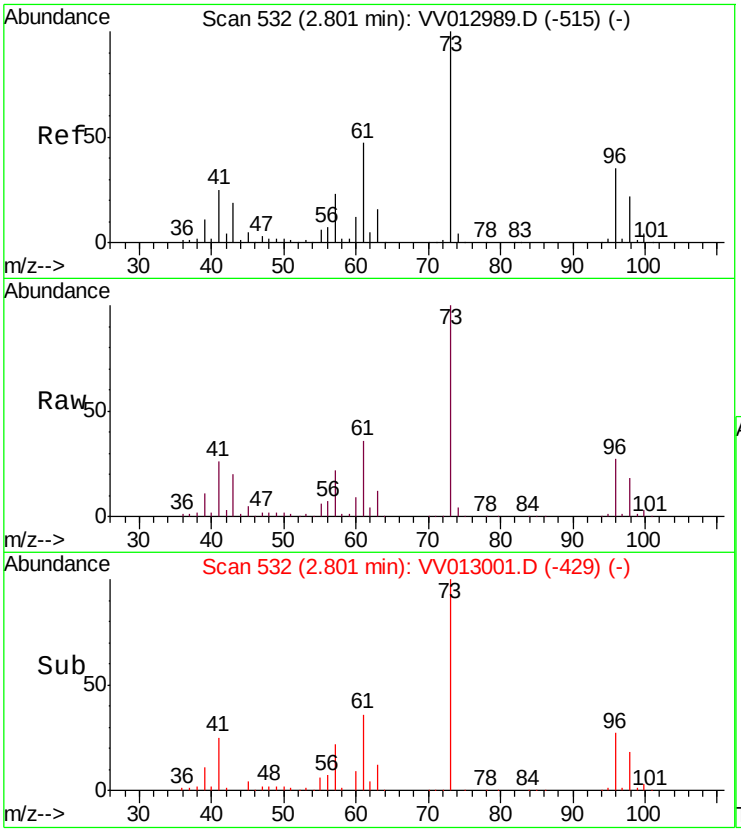


#16
Methylene chloride
Concen: 24.748 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 84 Resp: 305257

Ion	Ratio	Lower	Upper
84	100		
49	127.6	88.3	164.1
86	64.4	44.9	83.3



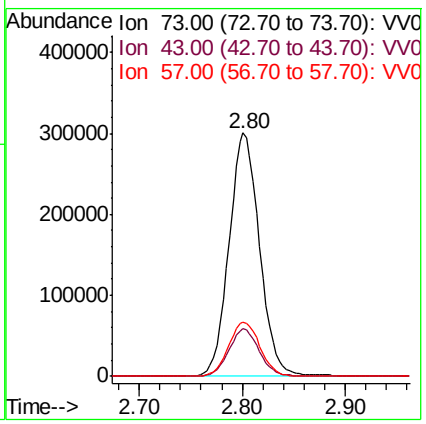


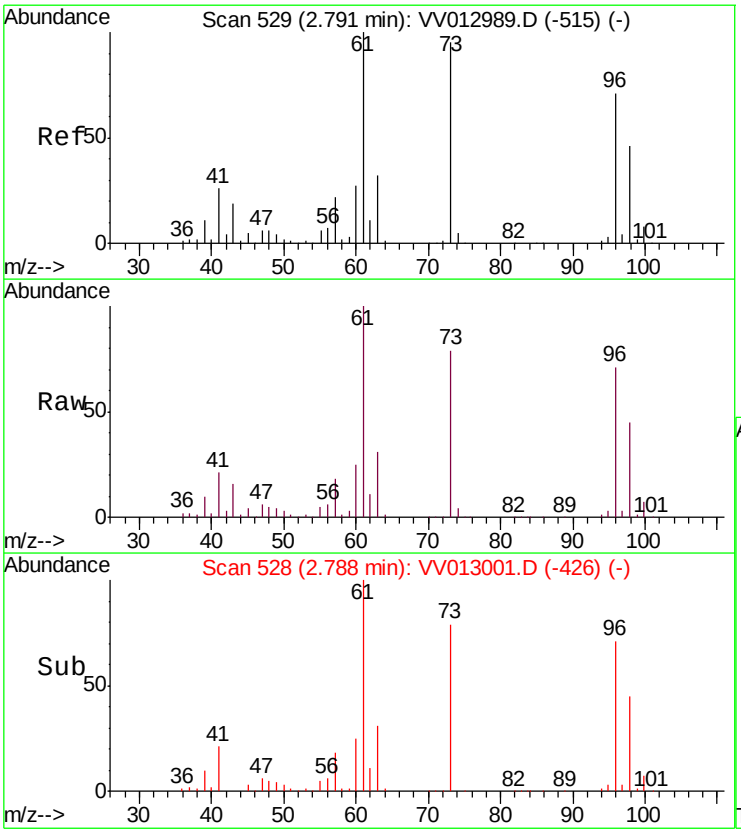
#17
Methyl tert-butyl Ether
Concen: 22.622 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 73 Resp: 619199

Ion	Ratio	Lower	Upper
73	100		
43	19.3	15.0	22.6
57	22.9	18.3	27.5

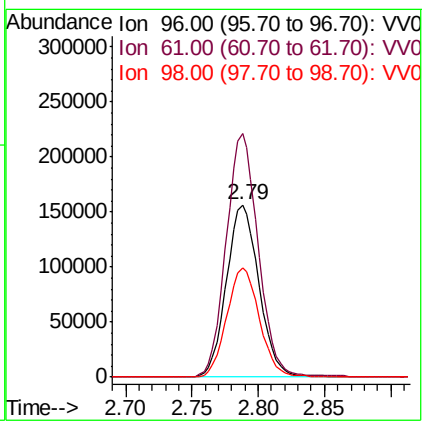


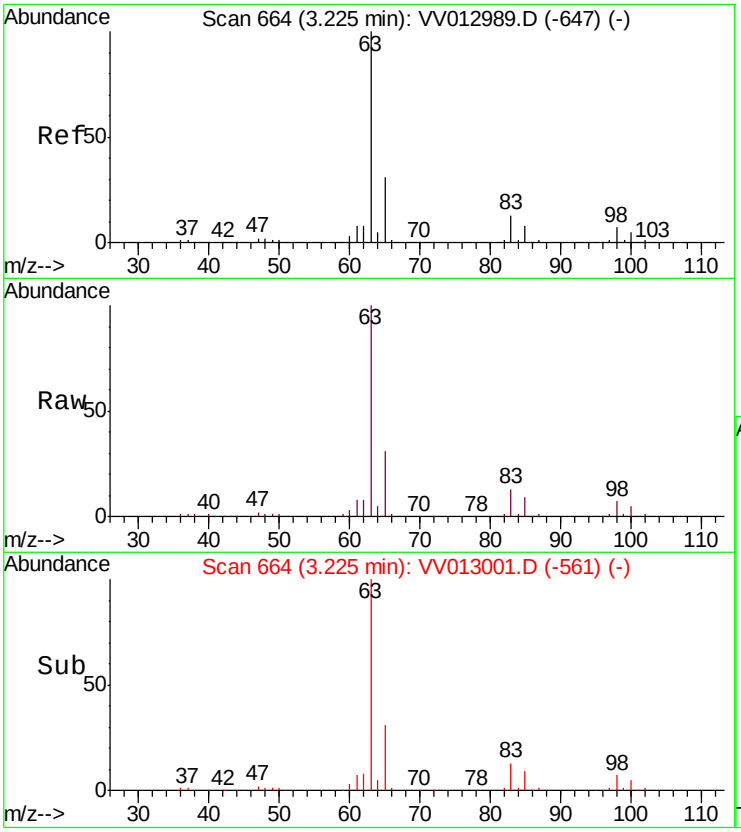


#18
trans-1,2-Dichloroethene
Concen: 24.238 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 96 Resp: 267633

Ion	Ratio	Lower	Upper
96	100		
61	141.3	96.8	179.8
98	63.4	44.8	83.2



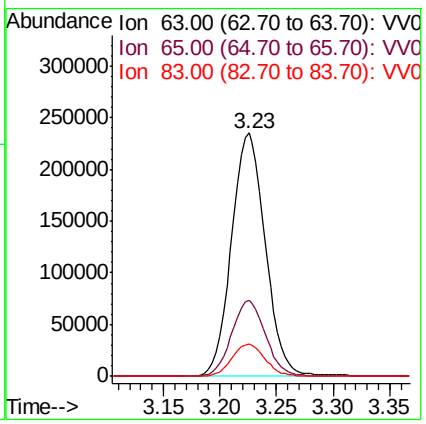


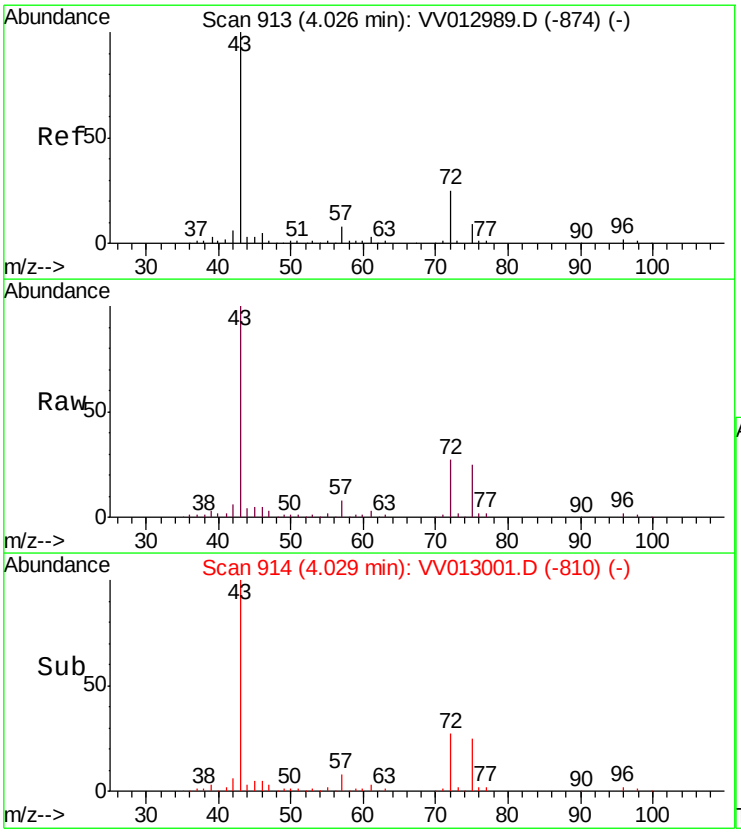
#19
1,1-Dichloroethane
Concen: 24.307 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 63 Resp: 489805

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.0	41.0
83	13.2	9.2	17.0

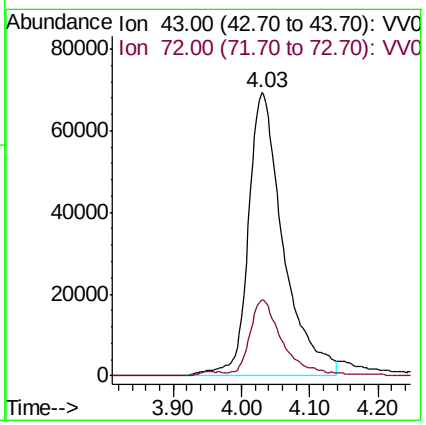


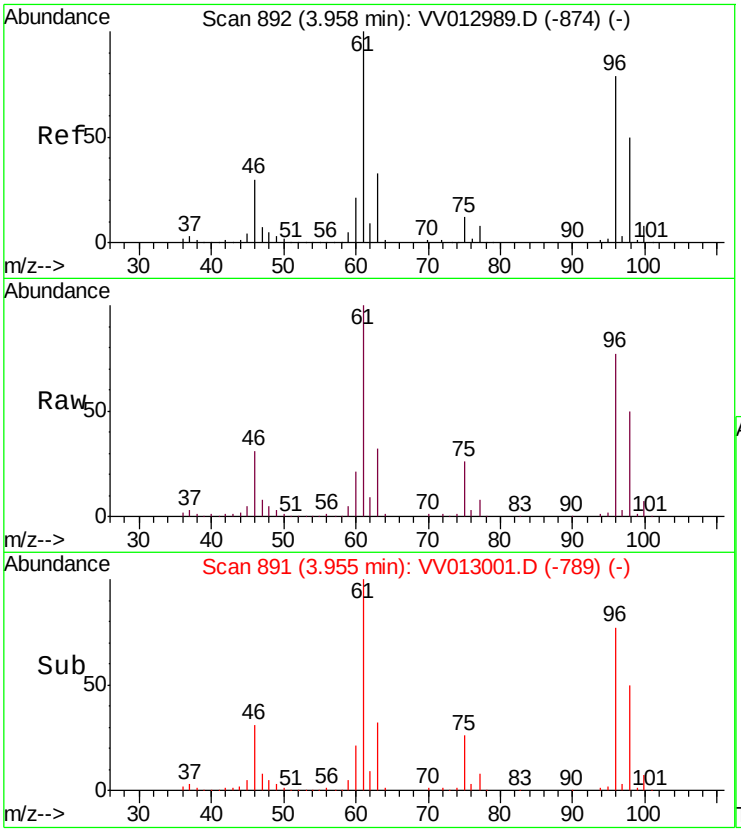


#21
2-Butanone
Concen: 44.616 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 43 Resp: 243989

Ion	Ratio	Lower	Upper
43	100		
72	22.2	11.9	35.9



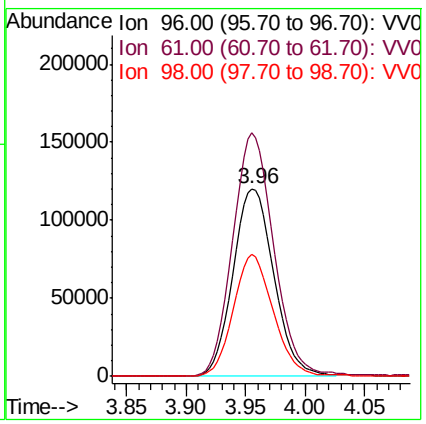


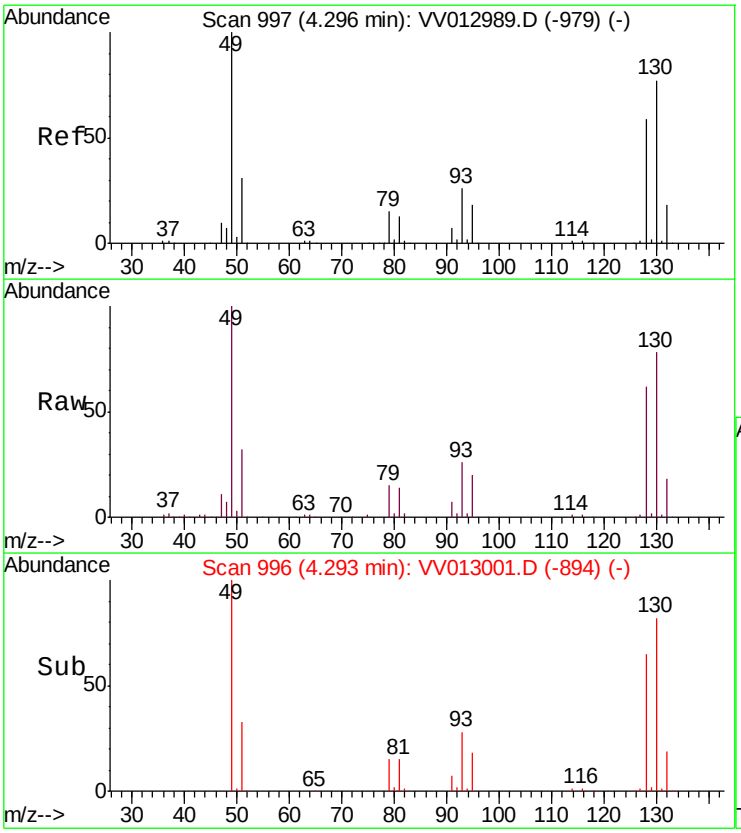
#22
cis-1,2-Dichloroethene
Concen: 23.750 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 96 Resp: 287009

Ion	Ratio	Lower	Upper
96	100		
61	129.6	90.9	168.7
98	65.0	45.6	84.6

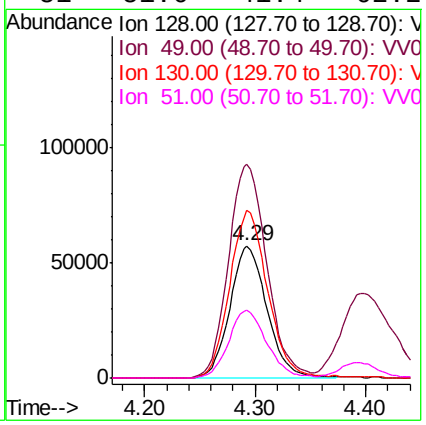


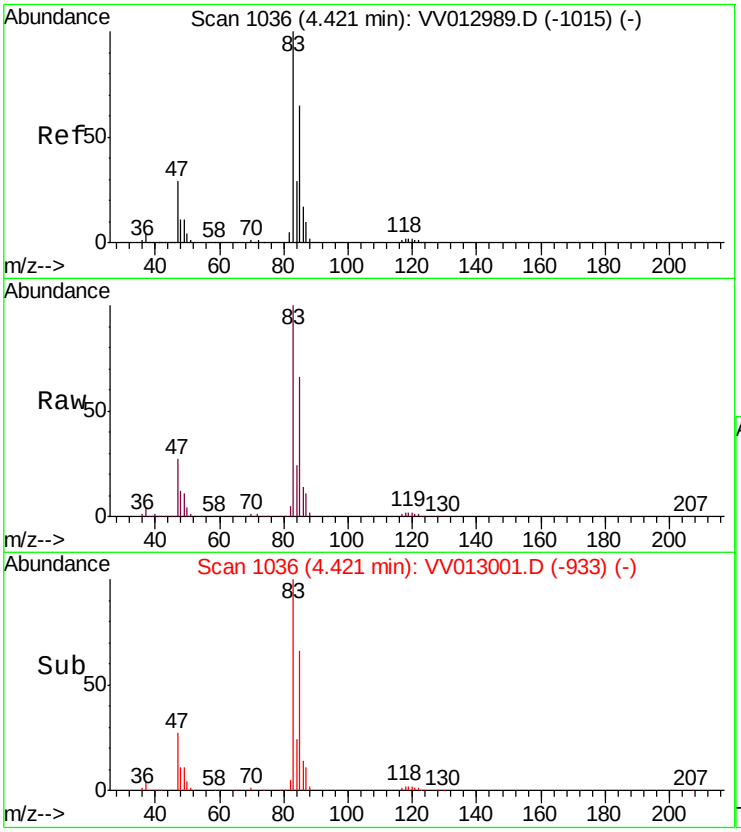


#23
Bromochloromethane
Concen: 22.360 ug/L
RT: 4.29 min Scan# 996
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:128 Resp: 133471

Ion	Ratio	Lower	Upper
128	100		
49	161.8	114.4	212.6
130	126.6	88.5	164.4
51	51.6	41.4	62.2



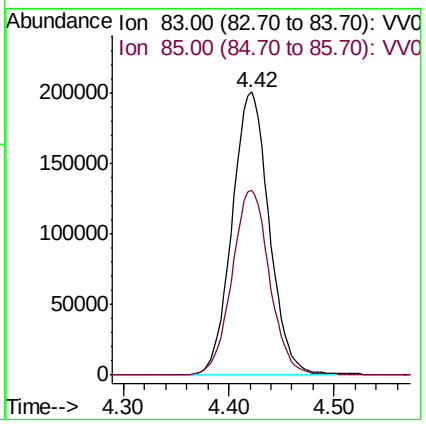


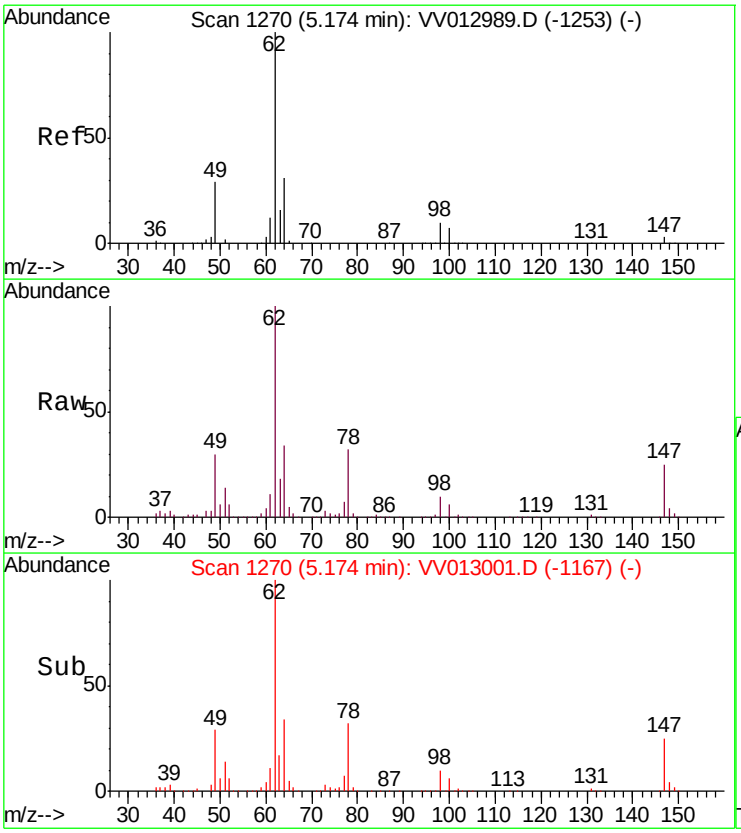
#25
Chloroform
Concen: 23.206 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 83 Resp: 490289

Ion	Ratio	Lower	Upper
83	100		
85	66.3	45.8	85.0

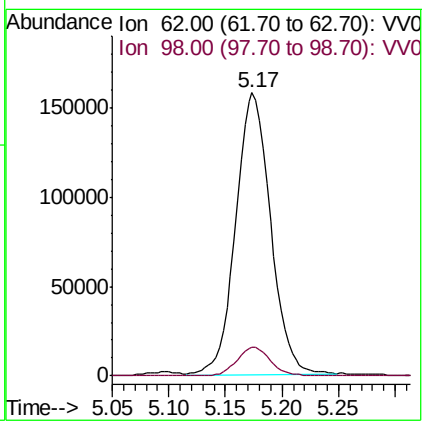


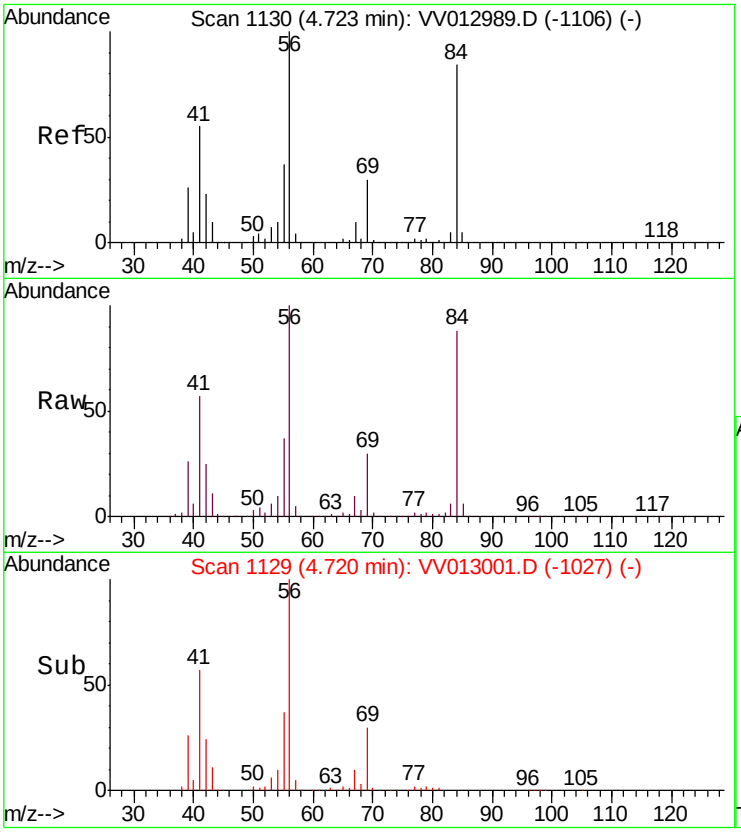


#27
1,2-Dichloroethane
Concen: 22.628 ug/L
RT: 5.17 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 62 Resp: 337898

Ion	Ratio	Lower	Upper
62	100		
98	10.1	8.2	12.4



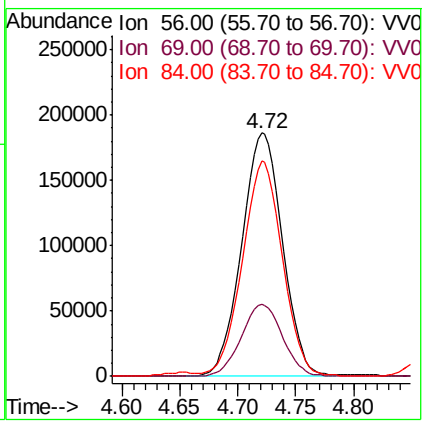


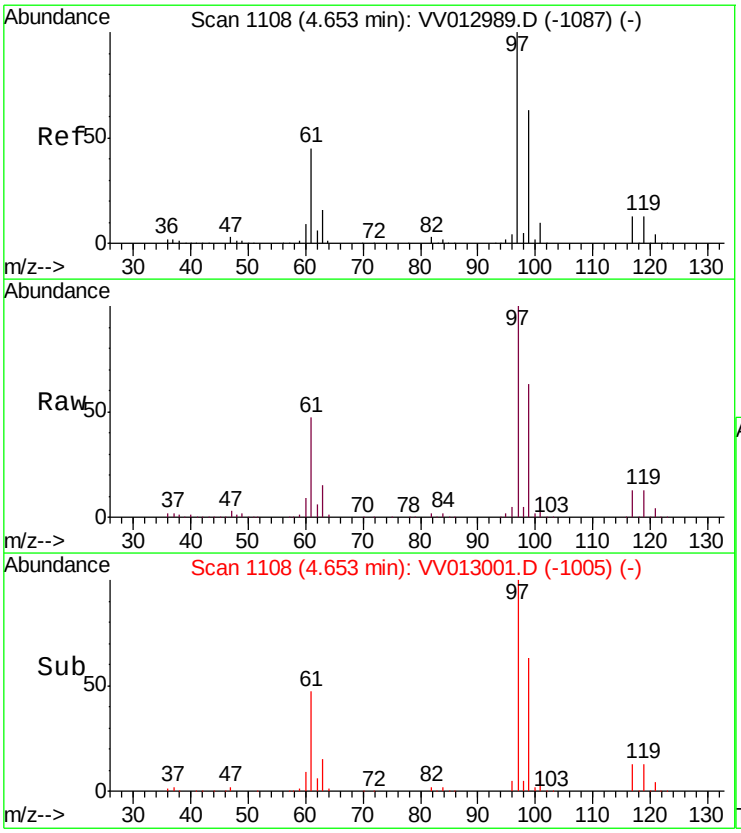
#30
Cyclohexane
Concen: 26.736 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 56 Resp: 456321

Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.8	35.8
84	85.8	68.4	102.6

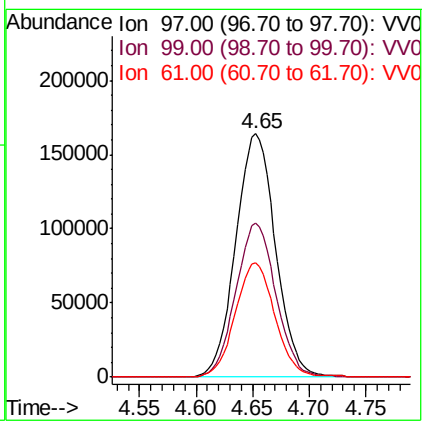


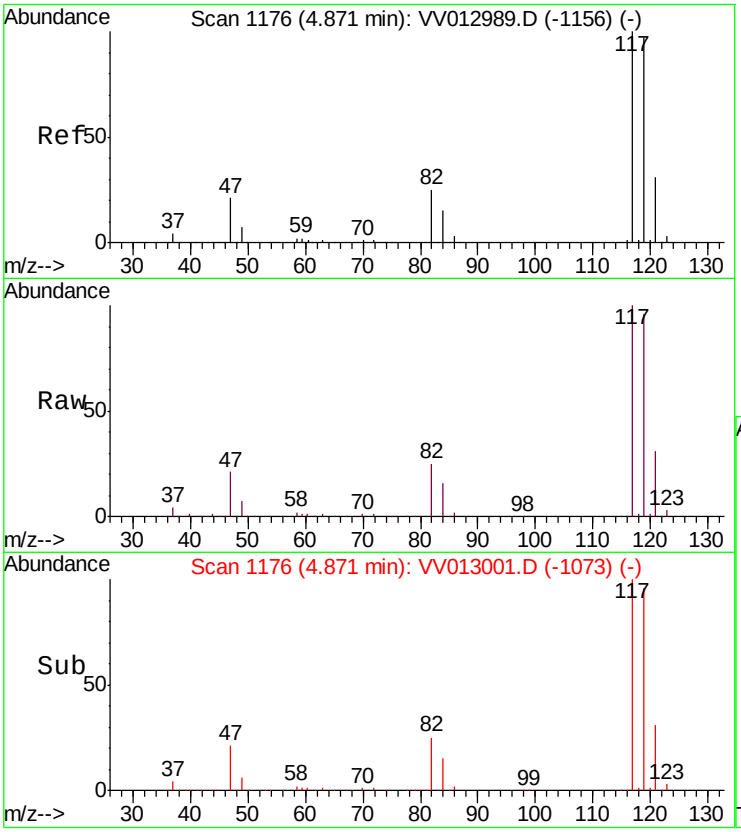


#31
1,1,1-Trichloroethane
Concen: 25.545 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 97 Resp: 402201

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	46.8	37.8	56.8



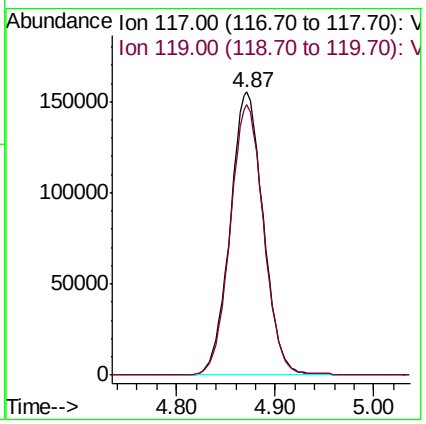


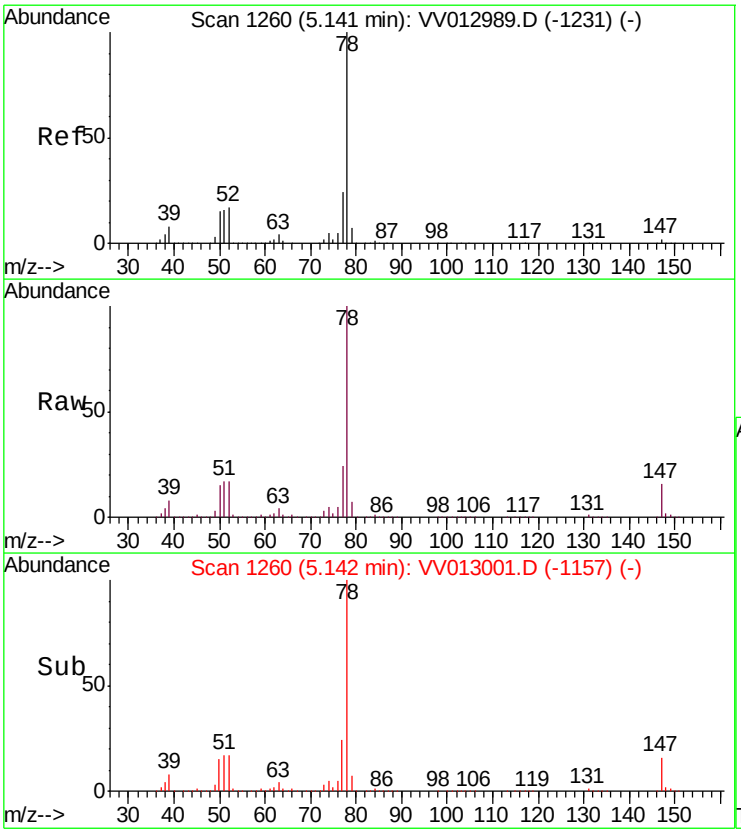
#32
Carbon tetrachloride
Concen: 25.433 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:117 Resp: 363096

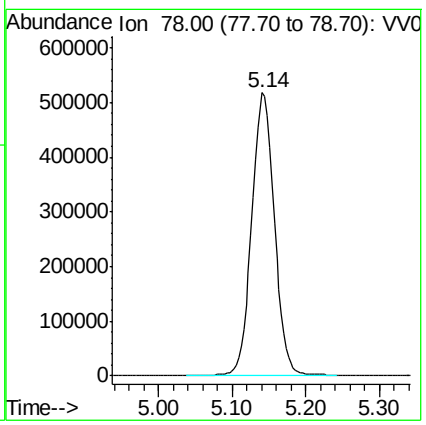
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.0	114.0

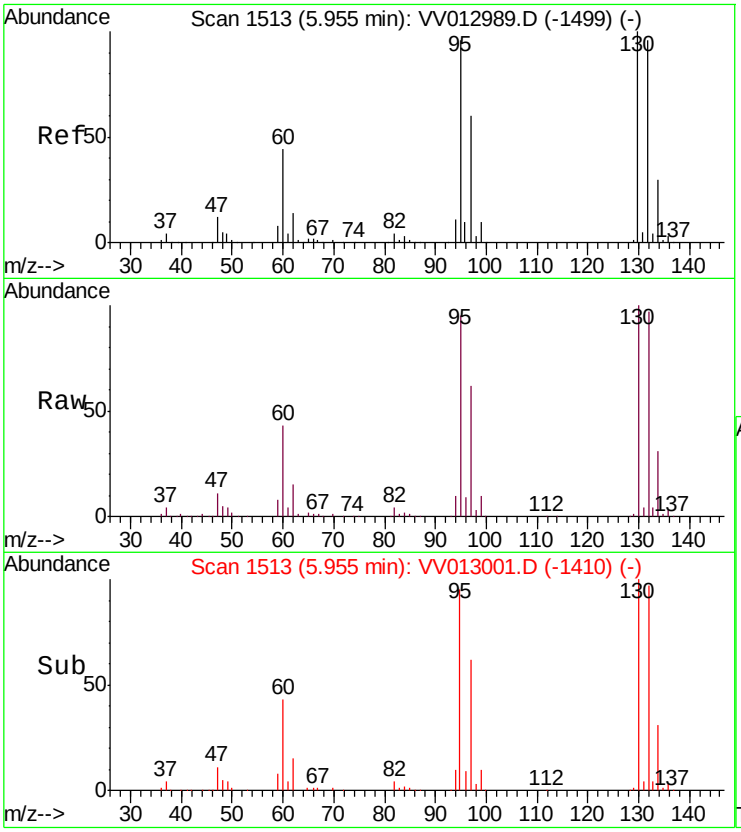




#34
Benzene
Concen: 25.206 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 78 Resp: 1116176



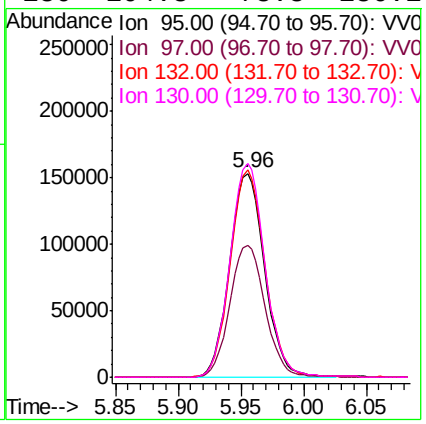


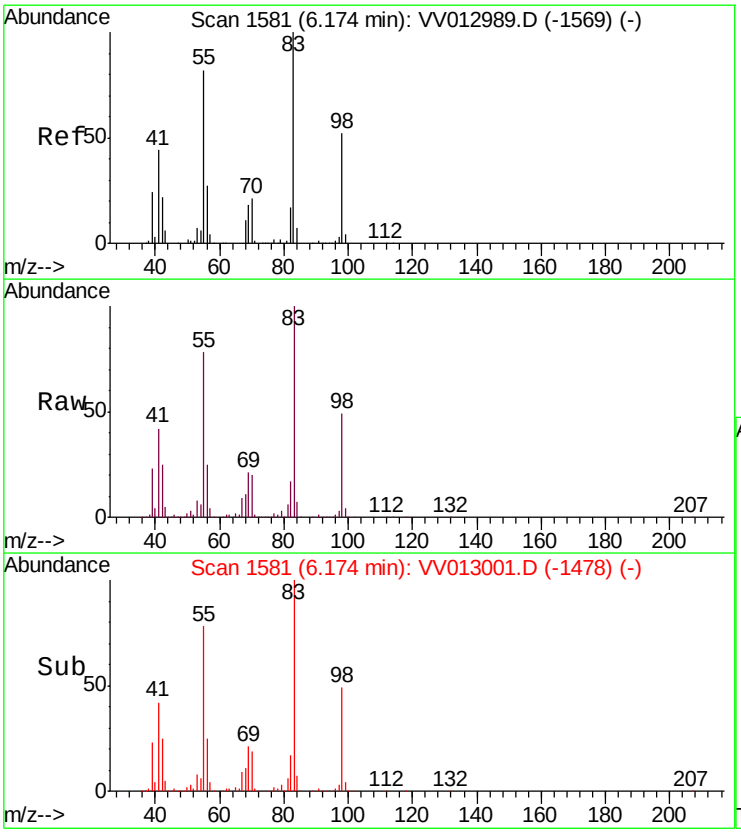
#35
Trichloroethene
Concen: 24.195 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 95 Resp: 298468

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.7	82.9
132	100.6	70.1	130.1
130	104.3	73.3	136.1

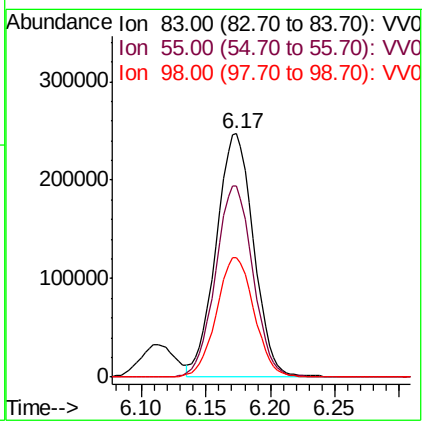


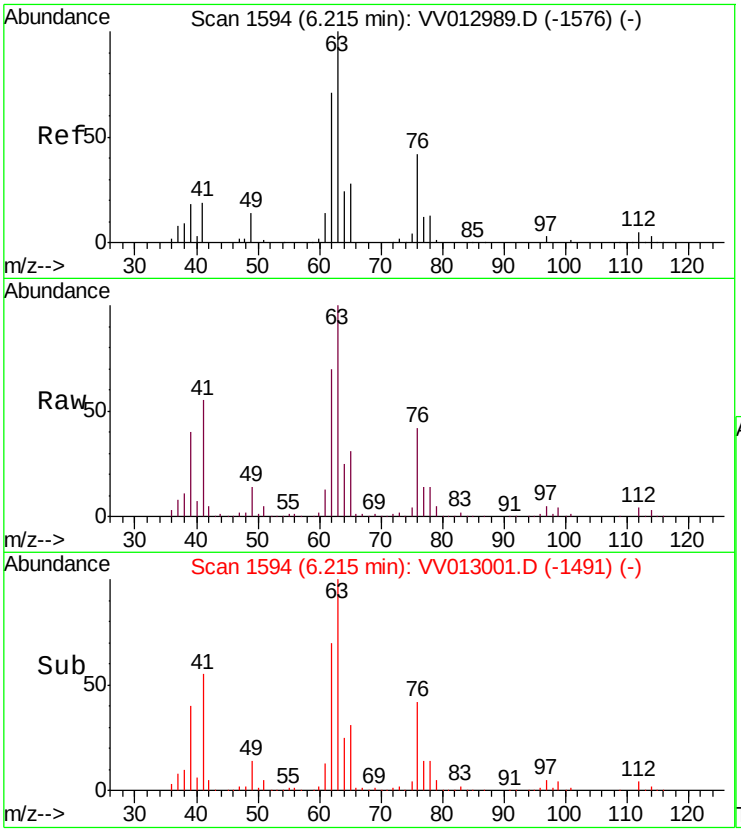


#36
Methylcyclohexane
Concen: 26.275 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 83 Resp: 497585

Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.8	92.8
98	49.2	39.3	58.9



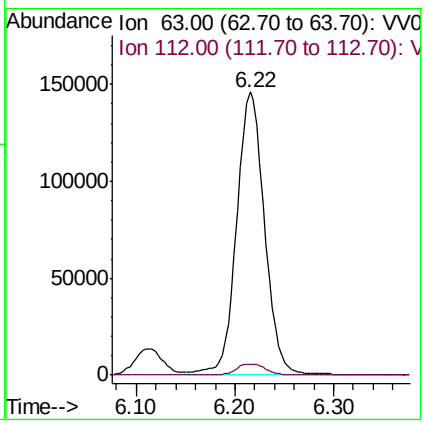


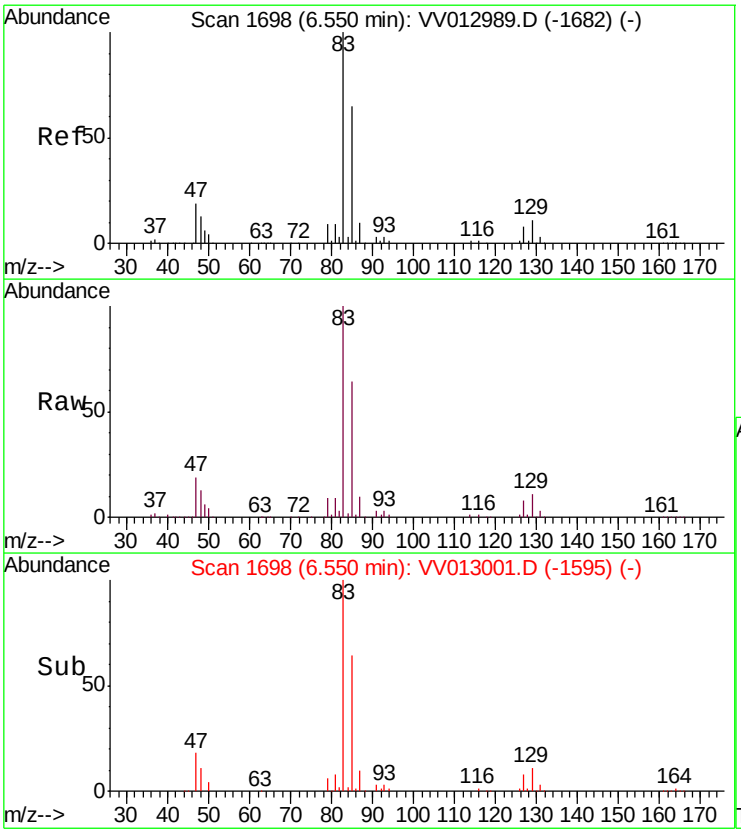
#40
1,2-Dichloropropane
Concen: 24.711 ug/L
RT: 6.22 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 63 Resp: 284564

Ion	Ratio	Lower	Upper
63	100		
112	4.2	3.8	5.6

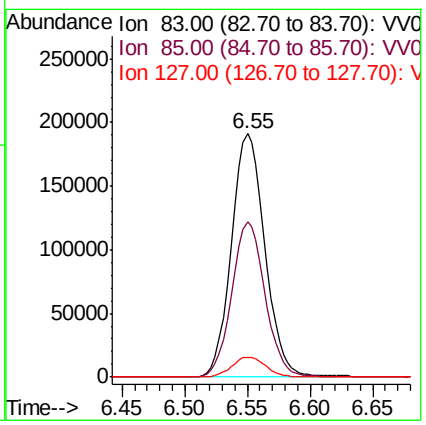


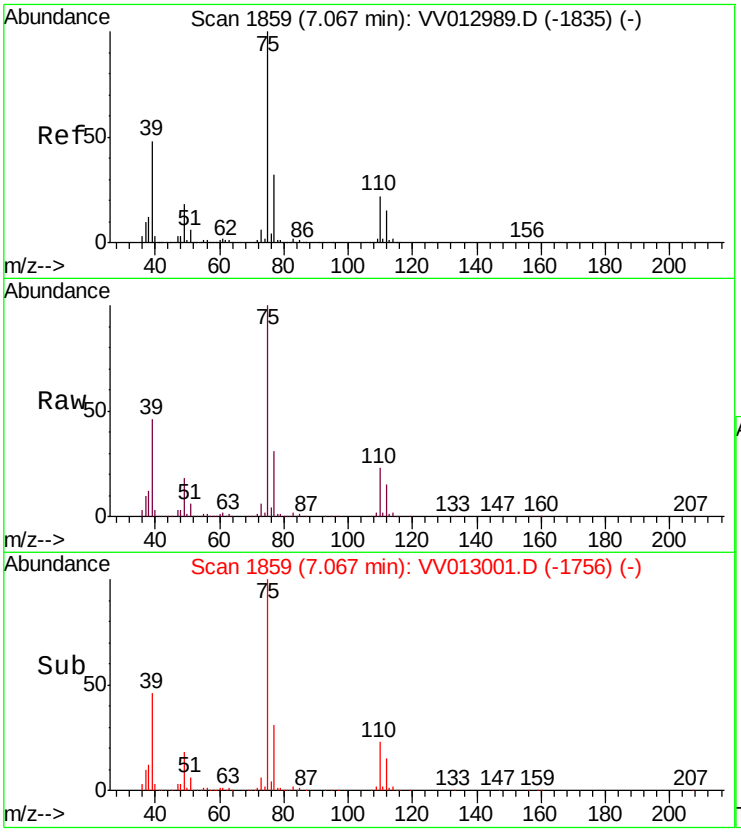


#41
Bromodichloromethane
Concen: 24.058 ug/L
RT: 6.55 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 83 Resp: 354859

Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.3	84.1
127	8.3	7.2	10.8



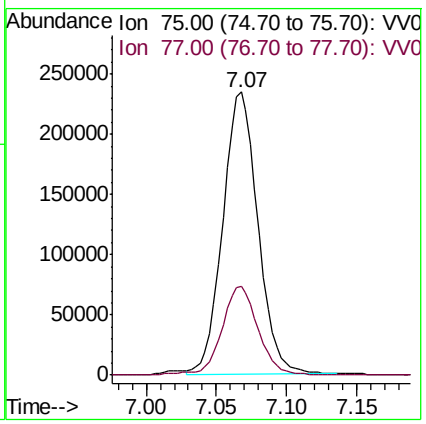


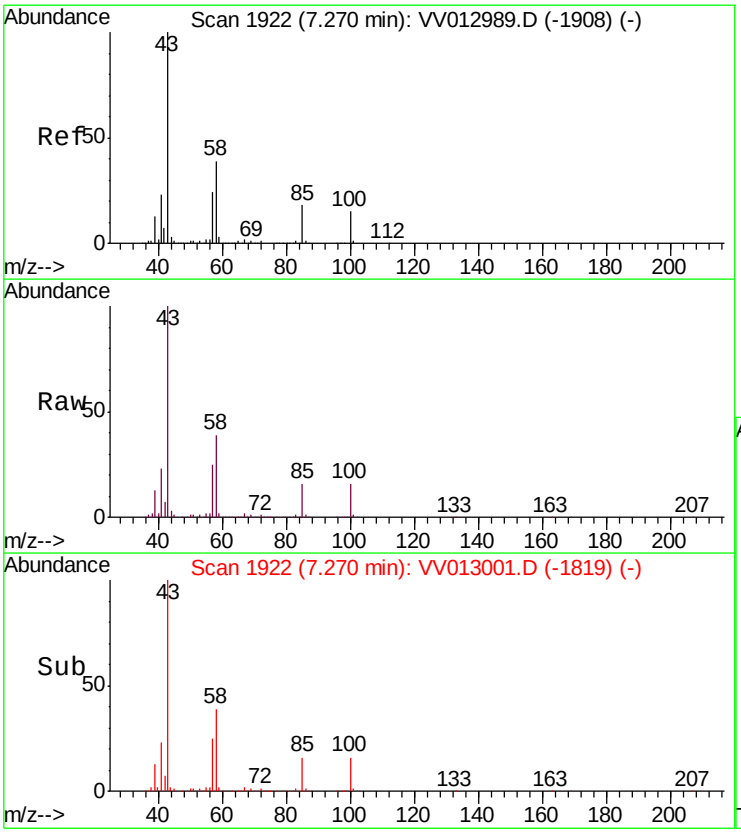
#42
cis-1,3-Dichloropropene
Concen: 24.038 ug/L
RT: 7.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 75 Resp: 406748

Ion	Ratio	Lower	Upper
75	100		
77	31.3	21.5	39.9

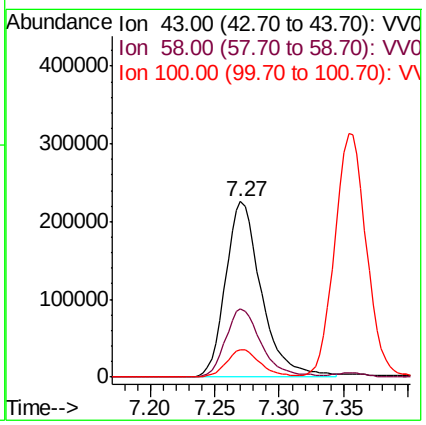


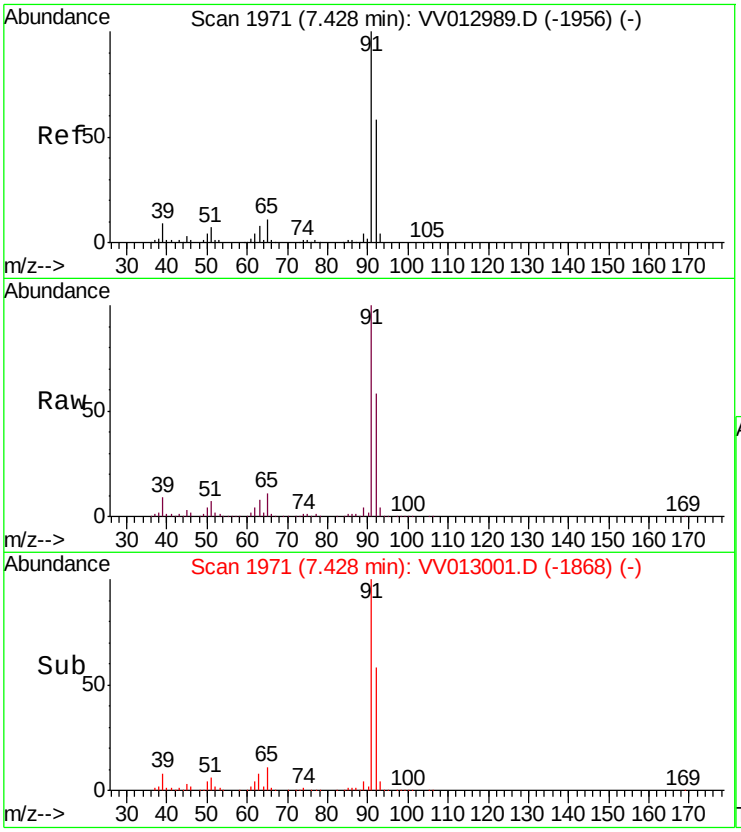


#43
4-Methyl-2-pentanone
Concen: 45.953 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 43 Resp: 434769

Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.2	46.8
100	15.0	12.2	18.2



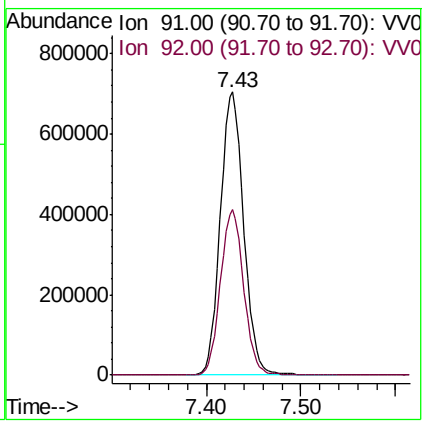


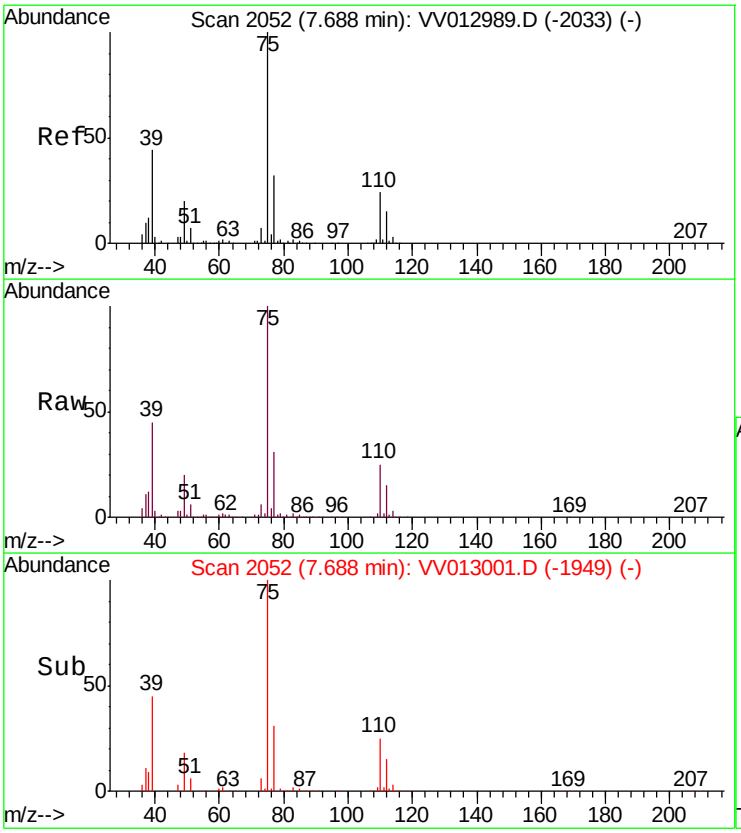
#44
Toluene
Concen: 25.952 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 91 Resp: 1212052

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.3	76.7

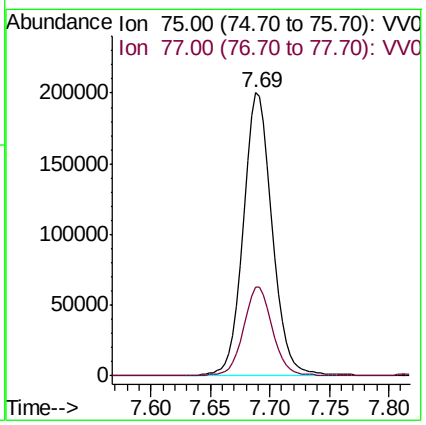


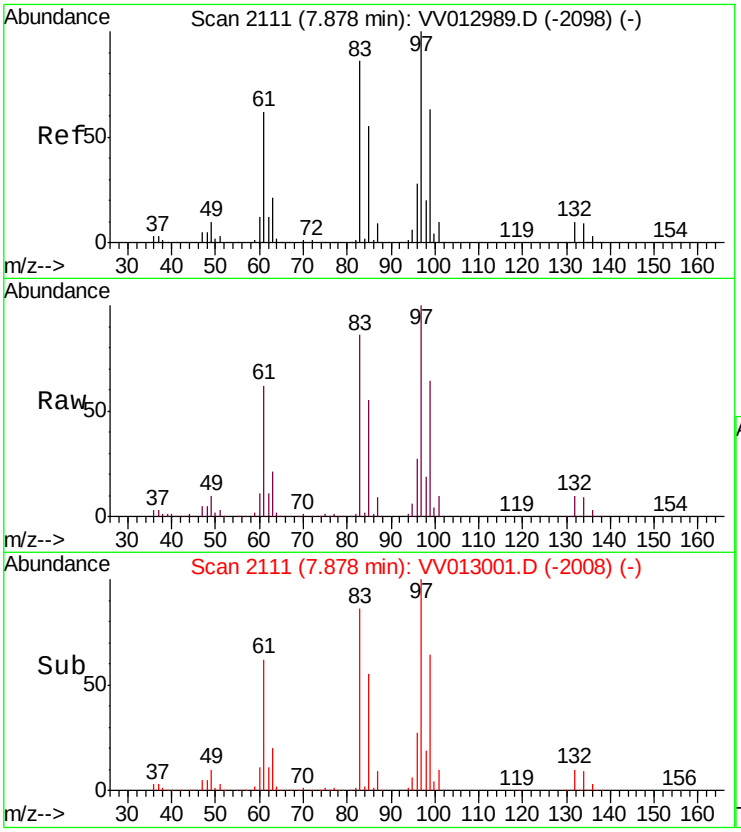


#45
trans-1,3-Dichloropropene
Concen: 23.647 ug/L
RT: 7.69 min Scan# 2052
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 75 Resp: 336756

Ion	Ratio	Lower	Upper
75	100		
77	31.2	22.0	40.8



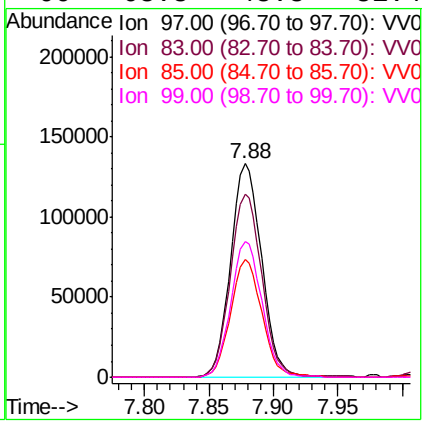


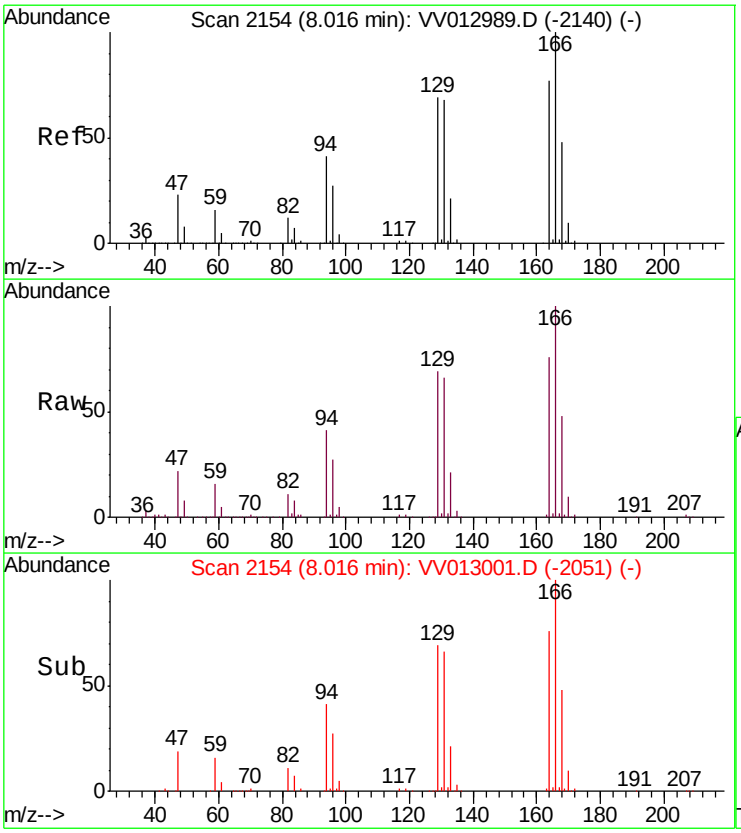
#46
1,1,2-Trichloroethane
Concen: 22.824 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 97 Resp: 223137

Ion	Ratio	Lower	Upper
97	100		
83	85.8	58.9	109.5
85	54.9	38.4	71.2
99	63.8	43.8	81.4

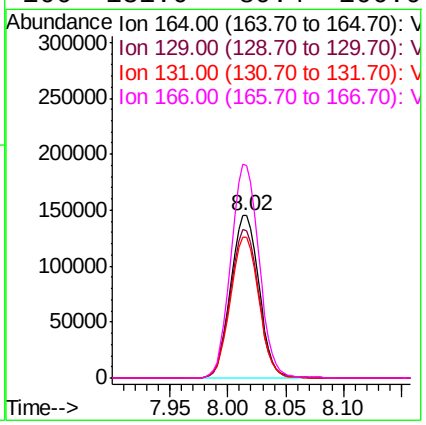


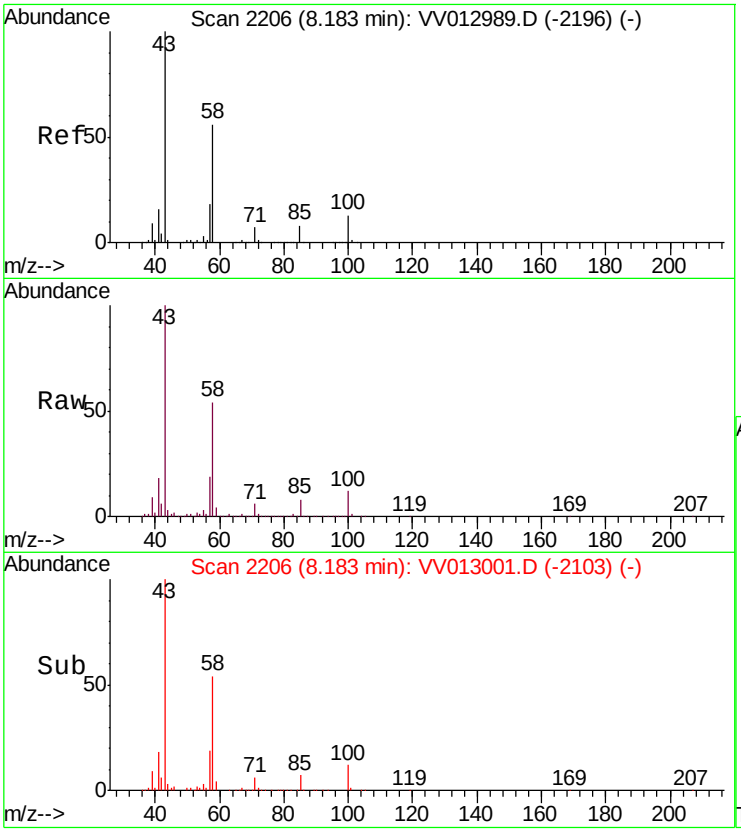


#47
Tetrachloroethene
Concen: 24.435 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:164 Resp: 244986

Ion	Ratio	Lower	Upper
164	100		
129	91.0	62.8	116.6
131	86.7	60.2	111.8
166	131.0	89.4	166.0



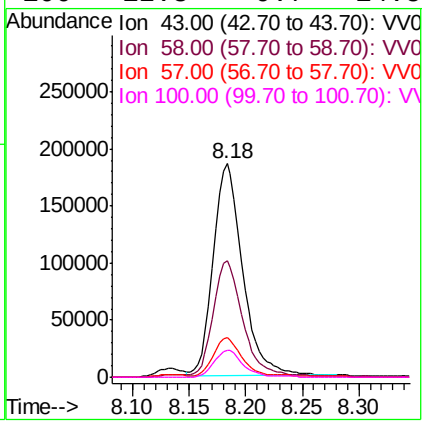


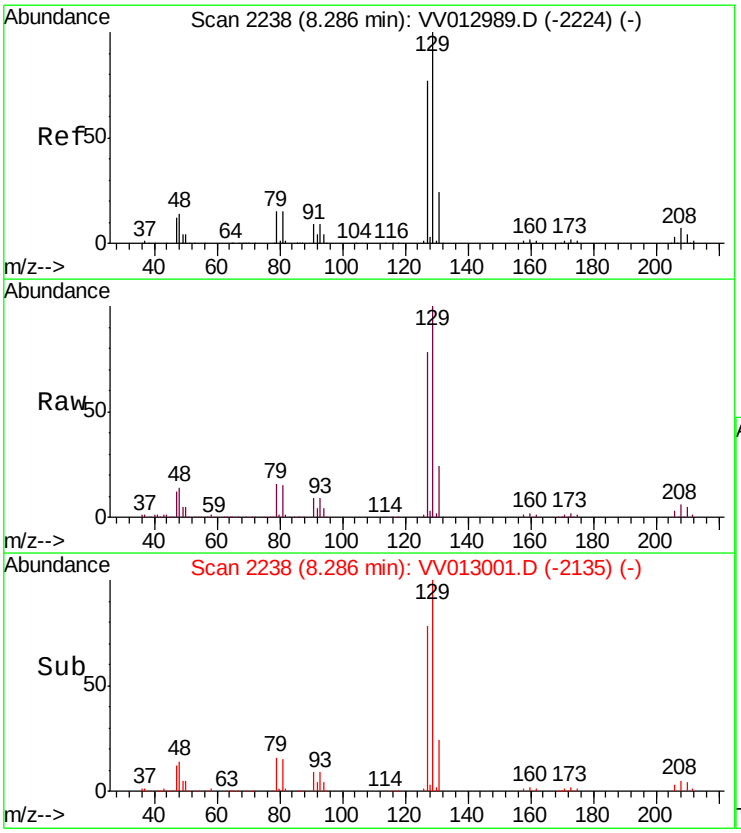
#49
2-Hexanone
Concen: 47.036 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 43 Resp: 335450

Ion	Ratio	Lower	Upper
43	100		
58	55.1	46.5	69.7
57	18.4	15.5	23.3
100	12.3	9.7	14.5

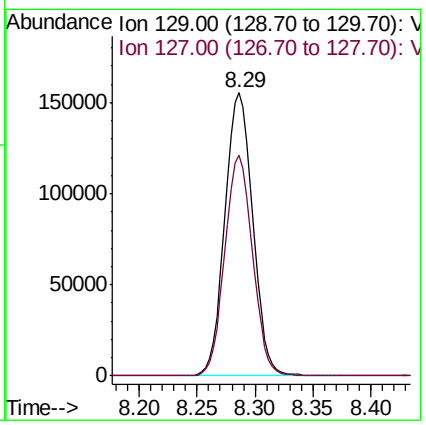


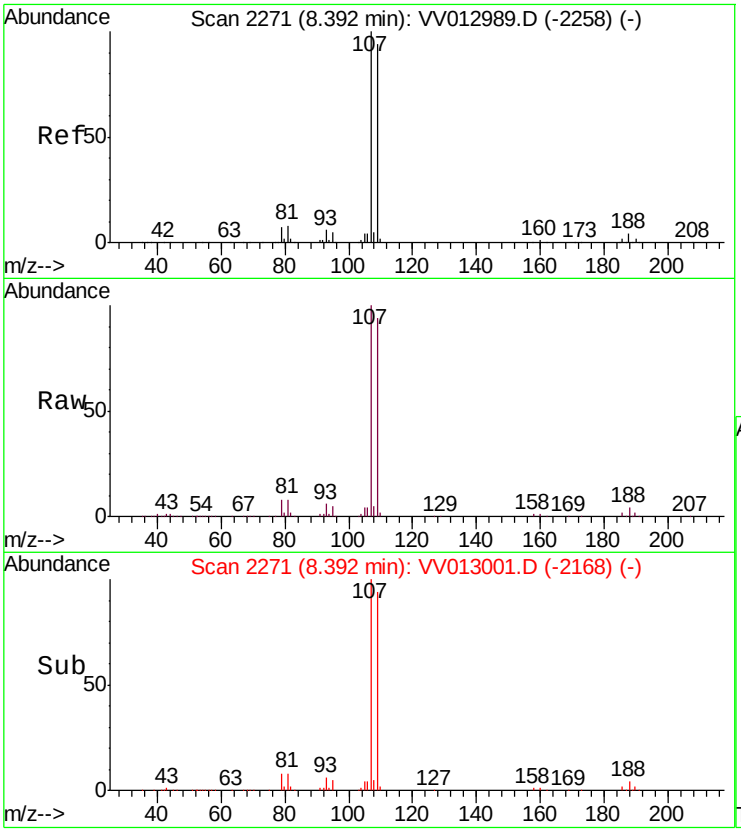


#50
Dibromochloromethane
Concen: 22.991 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:129 Resp: 258340

Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.7	99.7



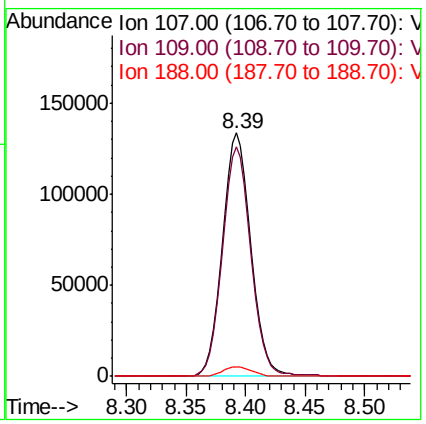


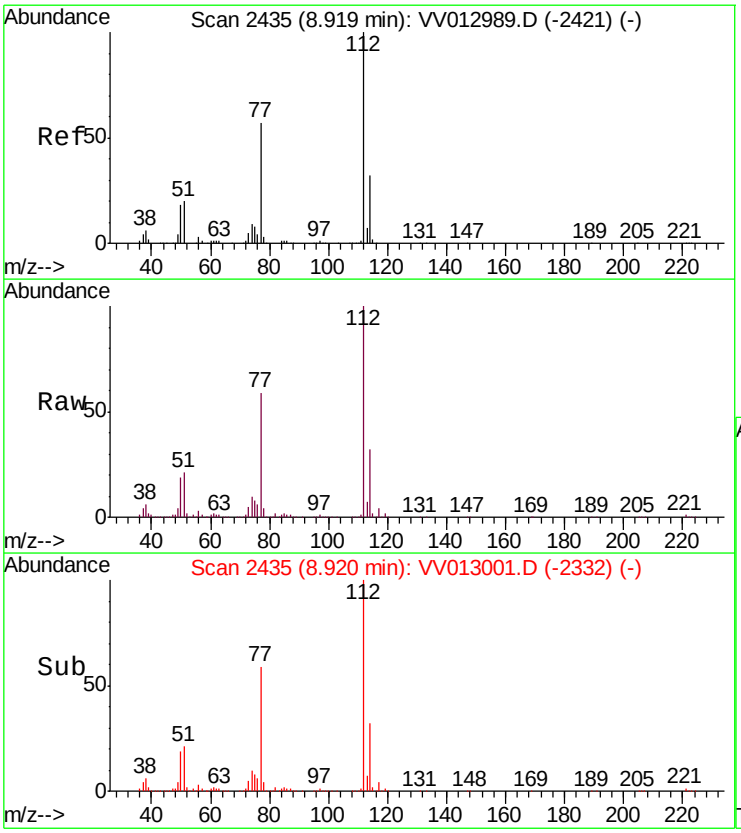
#51
1,2-Dibromoethane
Concen: 23.076 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion:107 Resp: 221075

Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.1	122.8
188	4.0	3.1	4.7

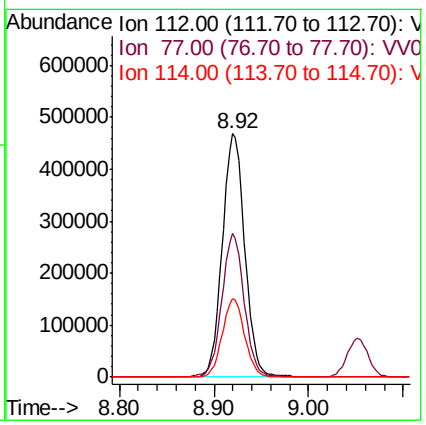


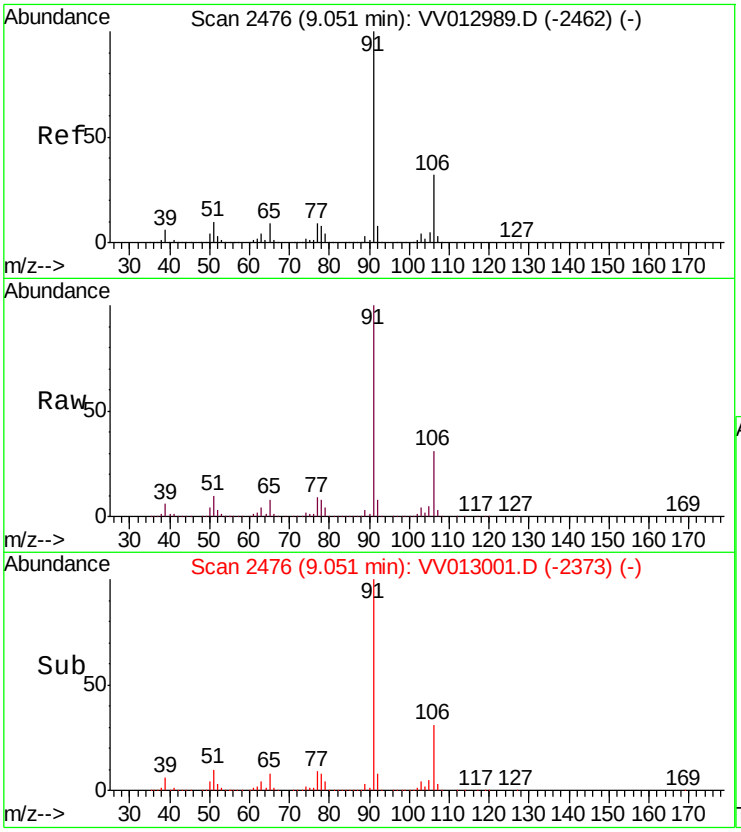


#52
Chlorobenzene
Concen: 23.943 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:112 Resp: 771670

Ion	Ratio	Lower	Upper
112	100		
77	59.0	46.3	69.5
114	32.2	22.5	41.7



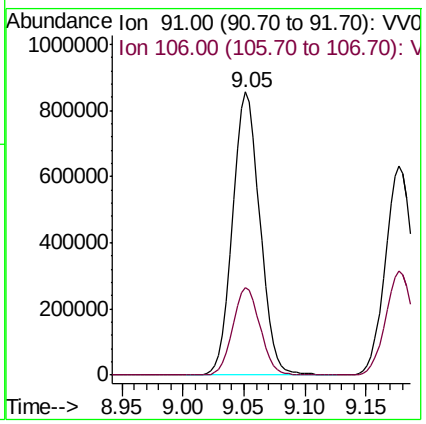


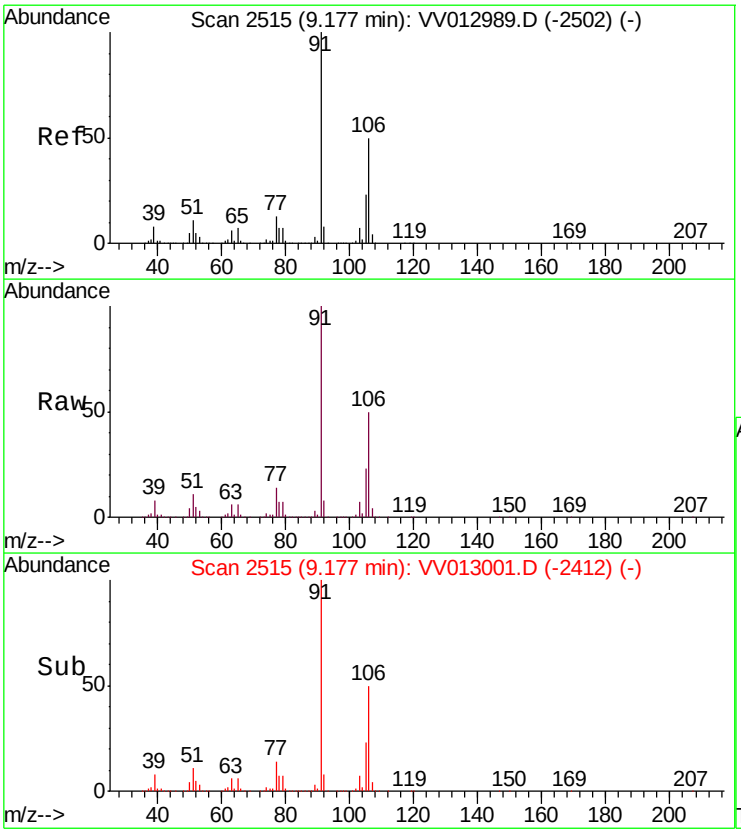
#53
Ethylbenzene
Concen: 25.899 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion: 91 Resp: 1331821

Ion	Ratio	Lower	Upper
91	100		
106	30.9	21.8	40.4

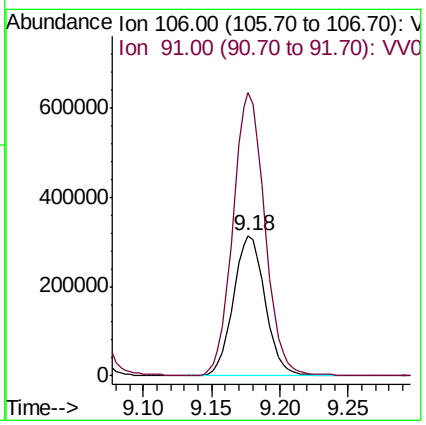


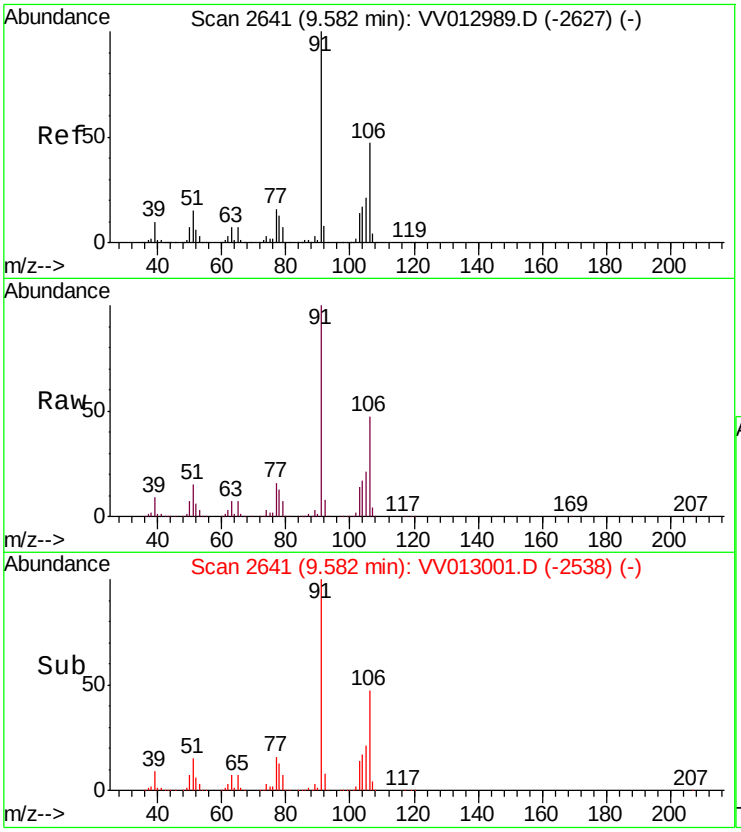


#54
m,p-Xylene
Concen: 25.864 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:106 Resp: 505623

Ion	Ratio	Lower	Upper
106	100		
91	201.7	140.1	260.3



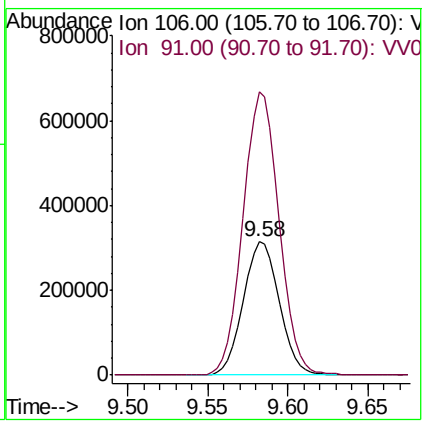


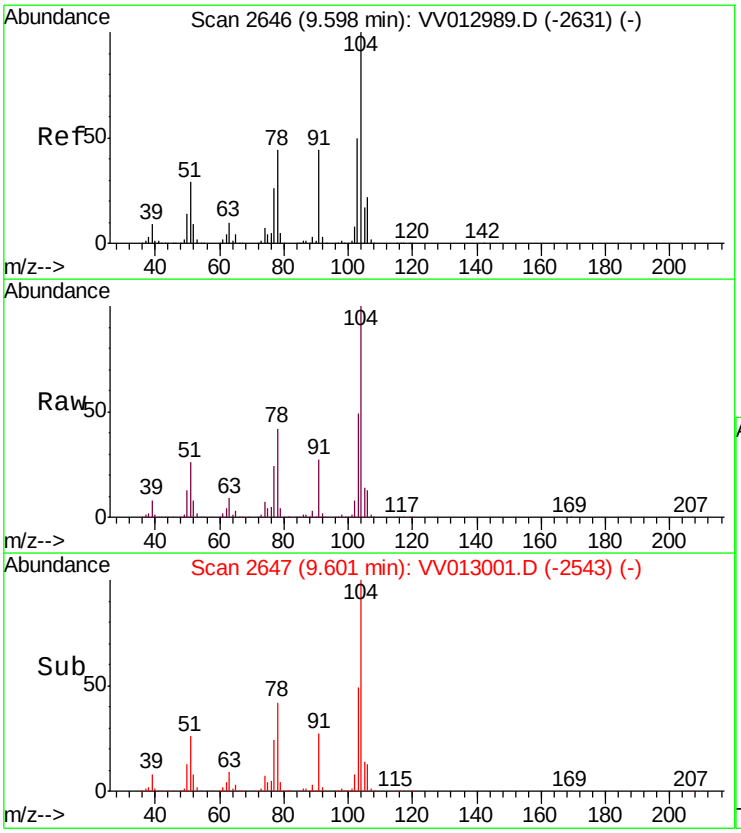
#55
o-xylene
Concen: 25.952 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:106 Resp: 483402

Ion	Ratio	Lower	Upper
106	100		
91	212.4	148.8	276.4

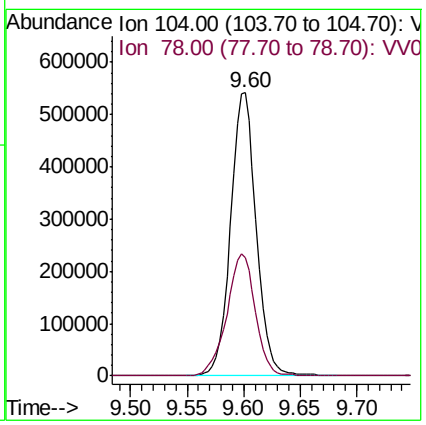


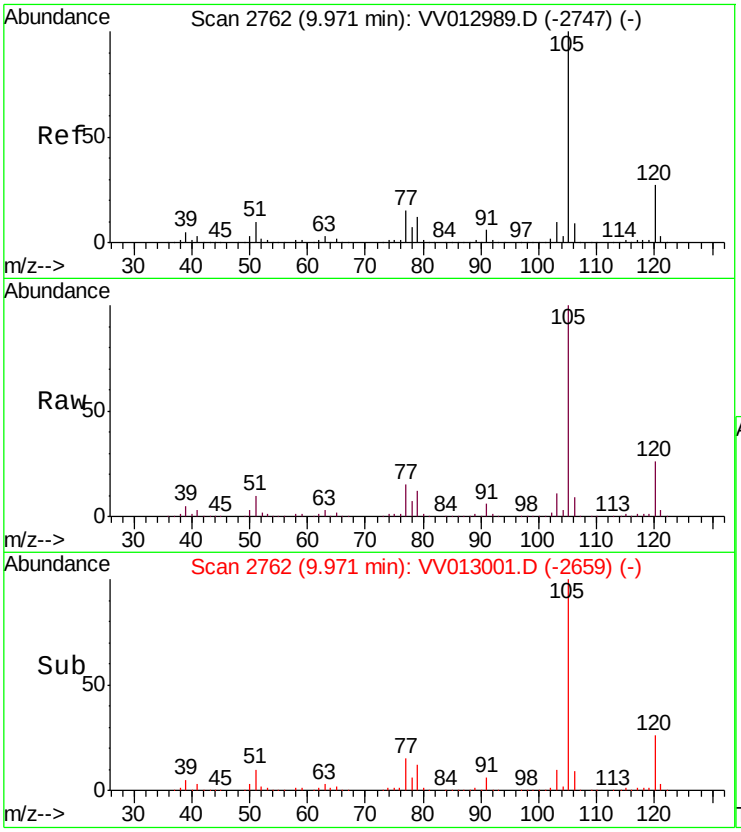


#56
Styrene
Concen: 26.087 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:104 Resp: 854965

Ion	Ratio	Lower	Upper
104	100		
78	41.9	29.8	55.3



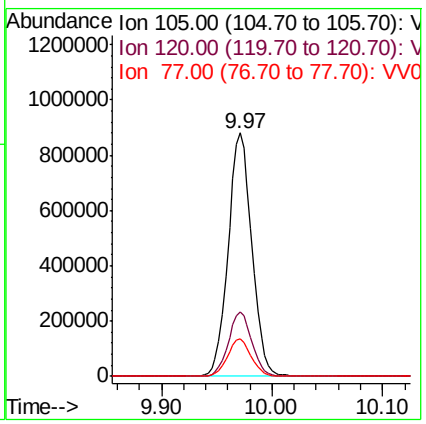


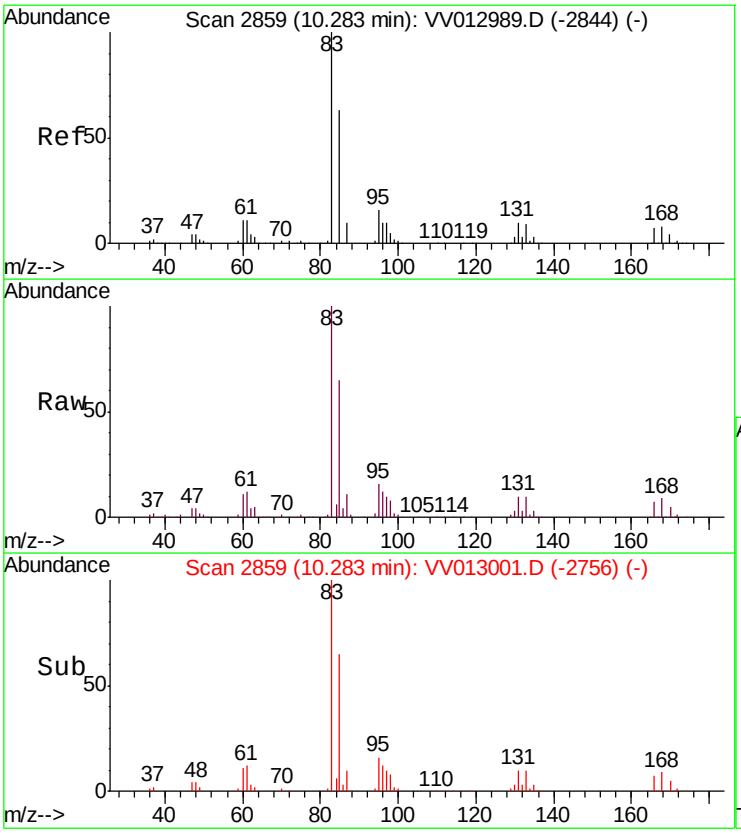
#57
Isopropylbenzene
Concen: 26.694 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:105 Resp: 1306771

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.4	32.0
77	15.4	12.2	18.4

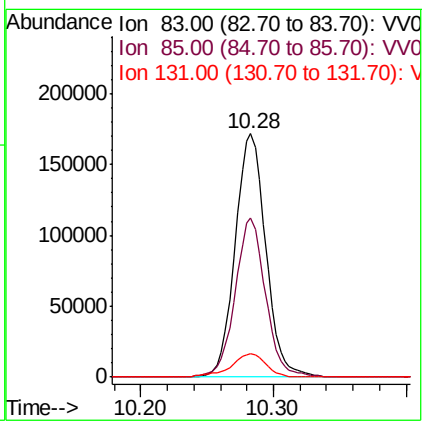


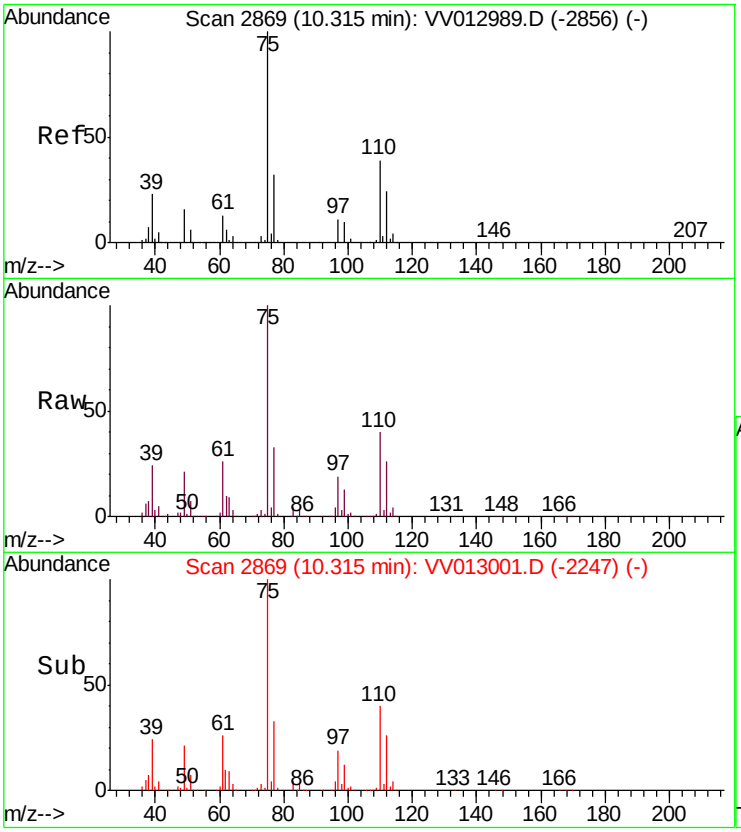


#58
1,1,2,2-Tetrachloroethane
Concen: 22.810 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 83 Resp: 275843

Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.4	84.2
131	9.6	8.2	12.2



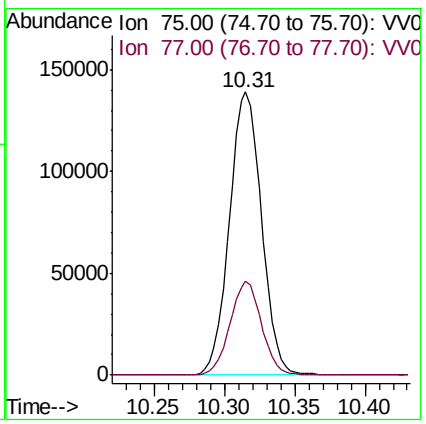


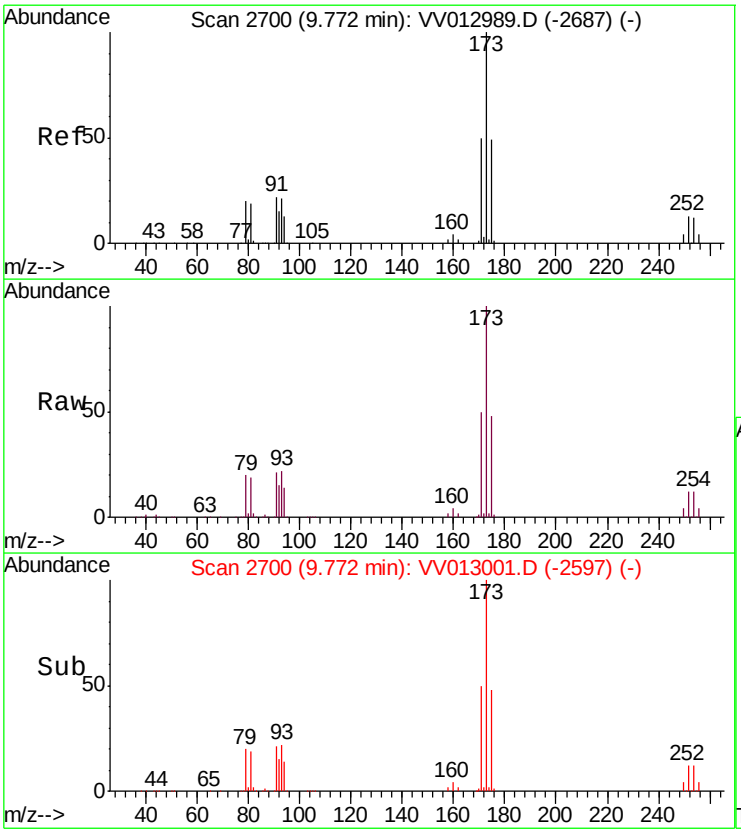
#59
1,2,3-Trichloropropane
Concen: 22.270 ug/L
RT: 10.31 min Scan# 2869
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion: 75 Resp: 222290

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0

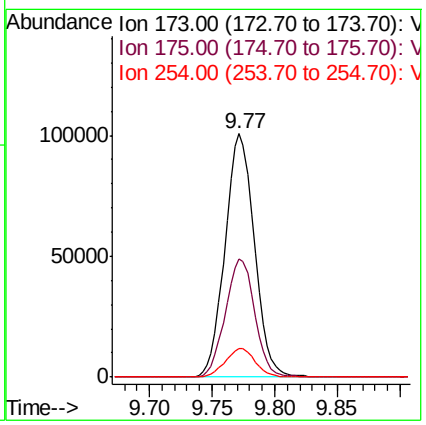


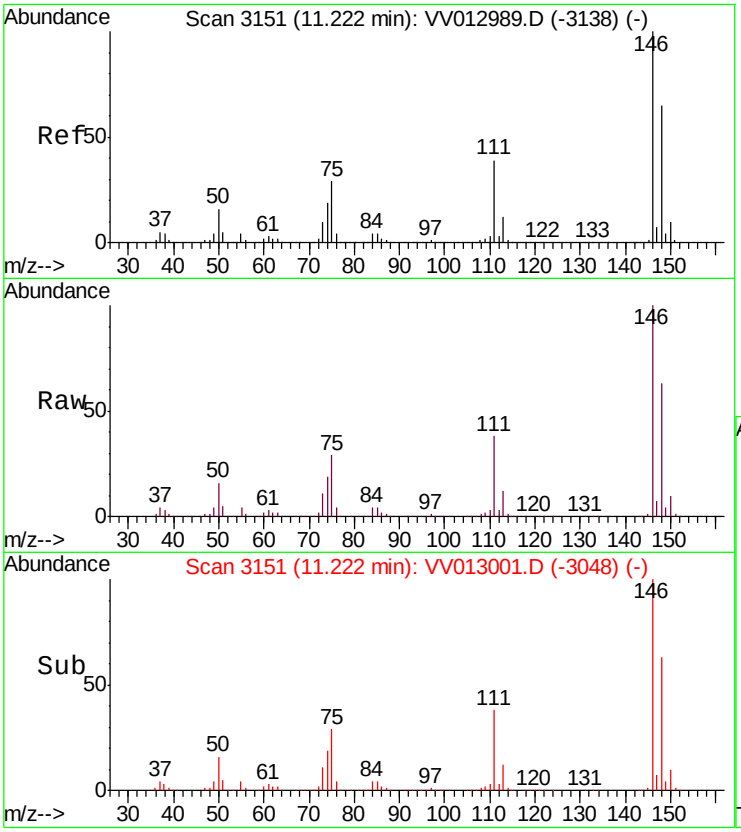


#62
Bromoform
Concen: 22.608 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:173 Resp: 163685

Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.5	59.3
254	11.9	9.1	13.7



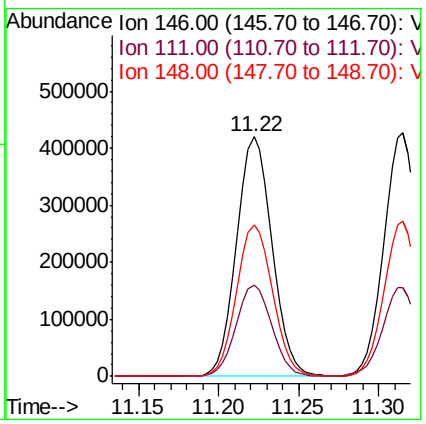


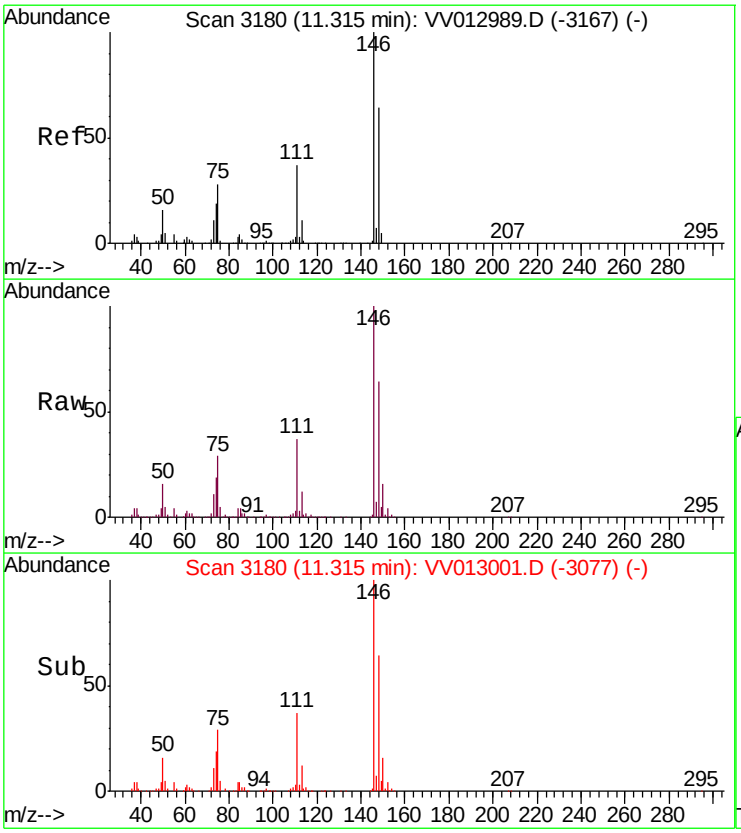
#63
1,3-Dichlorobenzene
Concen: 24.214 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:146 Resp: 635921

Ion	Ratio	Lower	Upper
146	100		
111	38.0	26.7	49.7
148	63.3	43.9	81.5

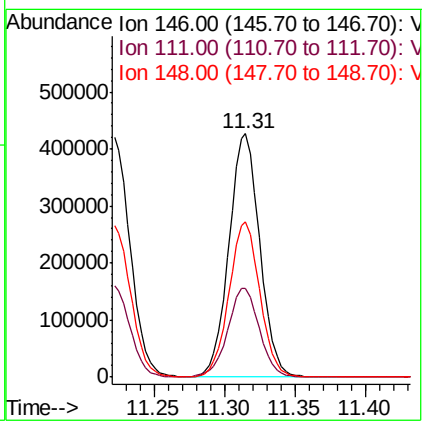


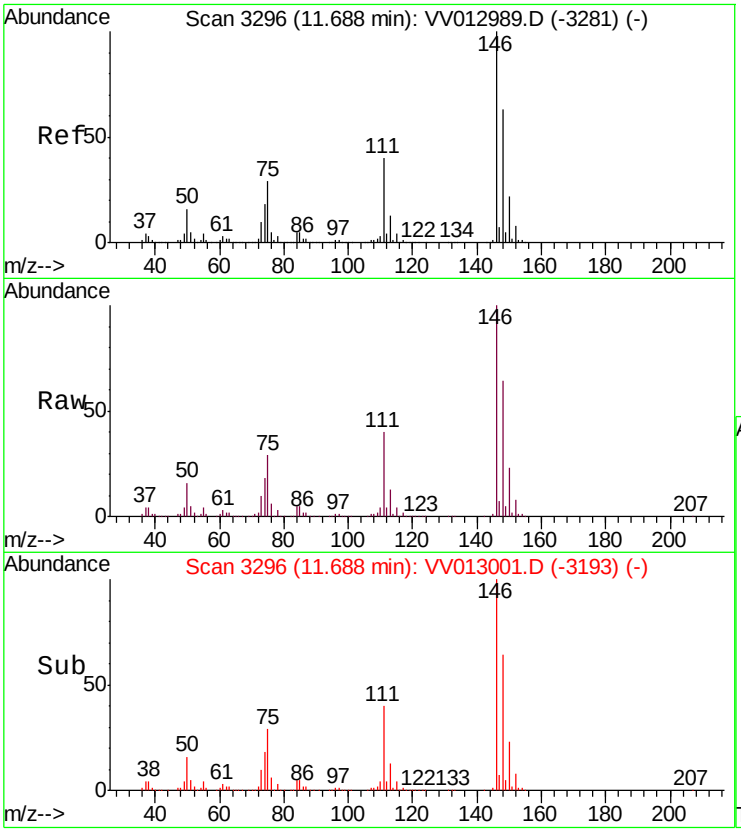


#64
1,4-Dichlorobenzene
Concen: 23.651 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:146 Resp: 651894

Ion	Ratio	Lower	Upper
146	100		
111	36.5	25.5	47.3
148	63.8	45.1	83.9



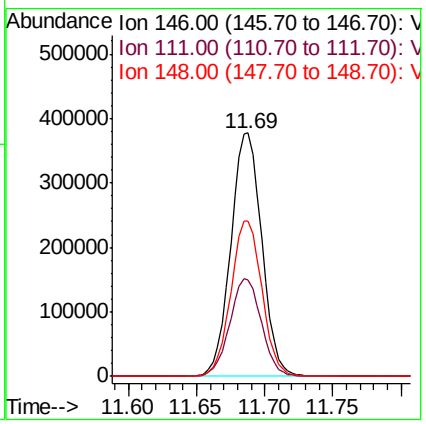


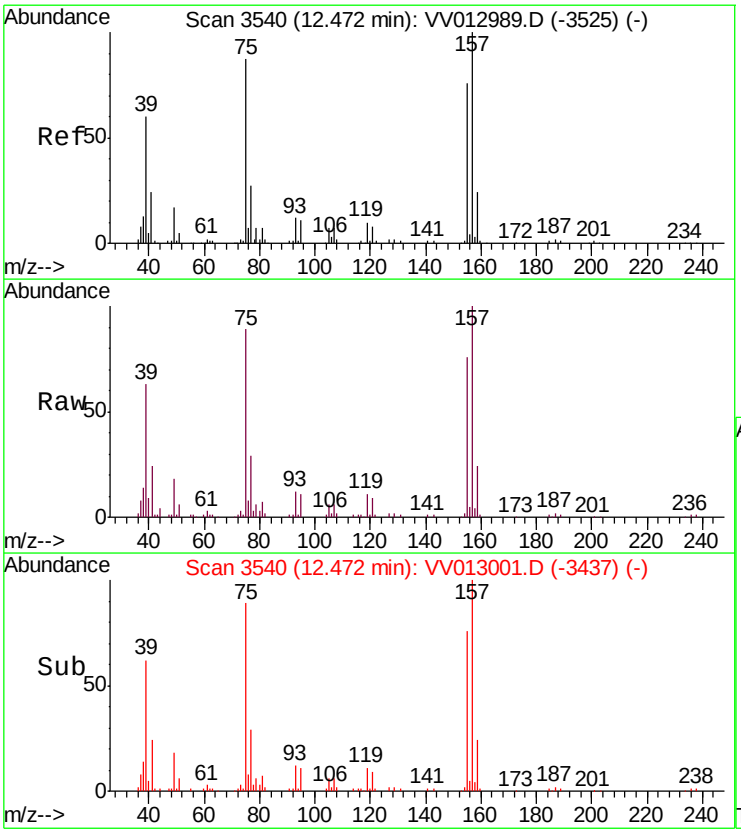
#65
1,2-Dichlorobenzene
Concen: 23.738 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : VSTD02574

Tgt Ion:146 Resp: 594636

Ion	Ratio	Lower	Upper
146	100		
111	39.6	31.9	47.9
148	64.0	51.0	76.6

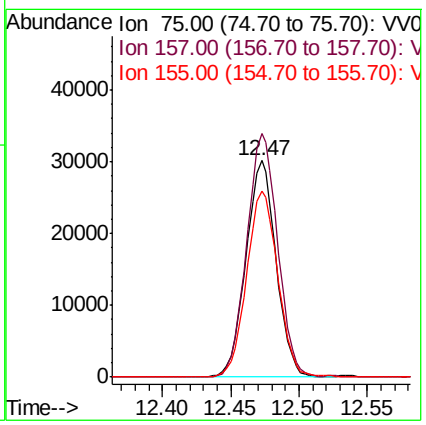


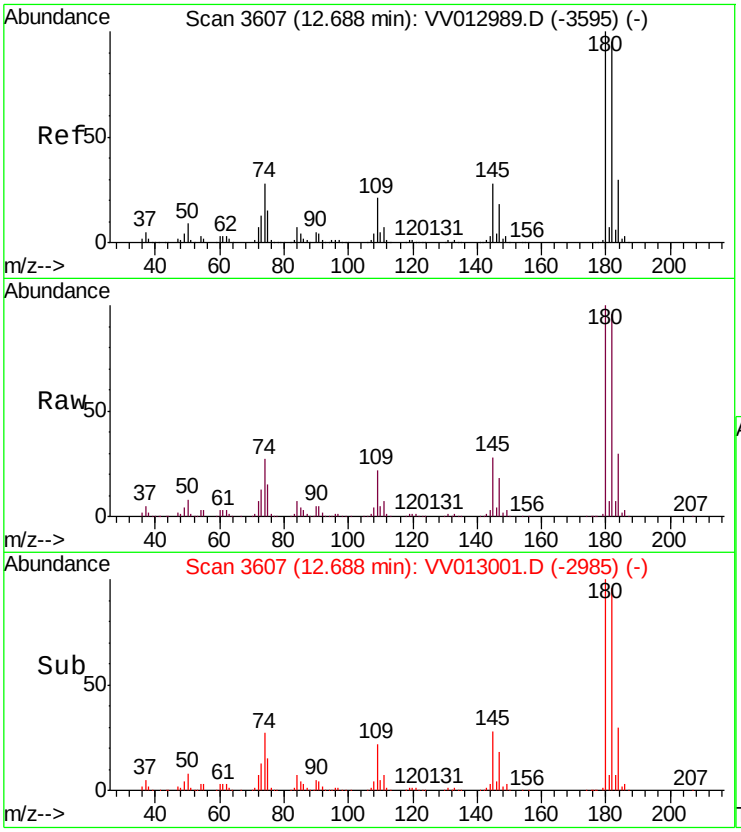


#66
1,2-Dibromo-3-chloropropane
Concen: 20.854 ug/L
RT: 12.47 min Scan# 3540
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion: 75 Resp: 46316

Ion	Ratio	Lower	Upper
75	100		
157	112.6	91.7	137.5
155	86.0	70.8	106.2



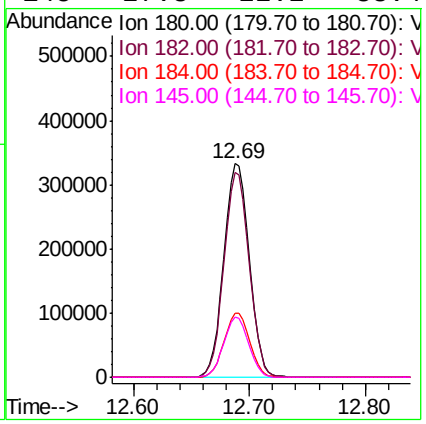


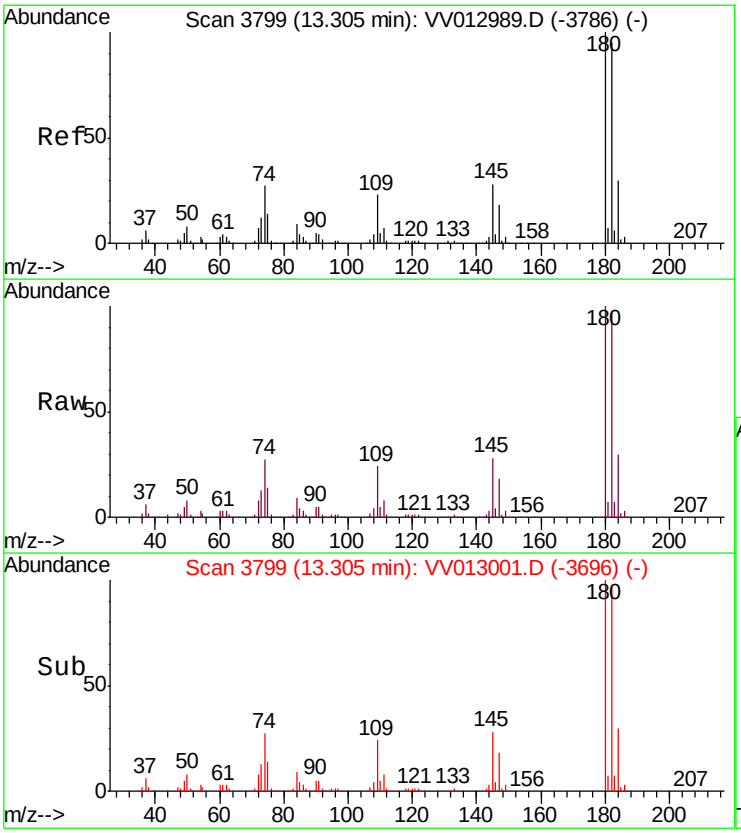
#67
1,3,5-Trichlorobenzene
Concen: 24.482 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:180 Resp: 502948

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
184	29.9	24.6	37.0
145	27.8	22.2	33.4

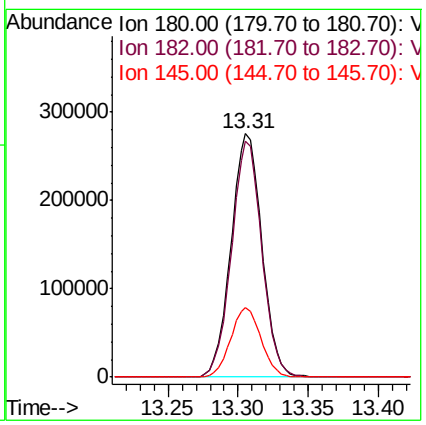


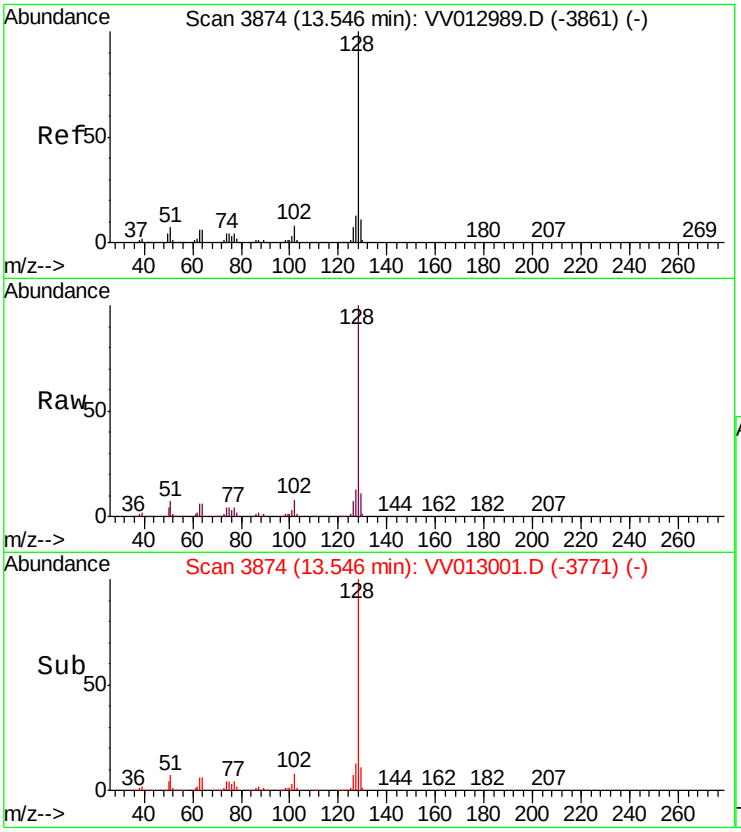


#68
1,2,4-trichlorobenzene
Concen: 23.539 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:180 Resp: 422865

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	28.1	22.6	34.0



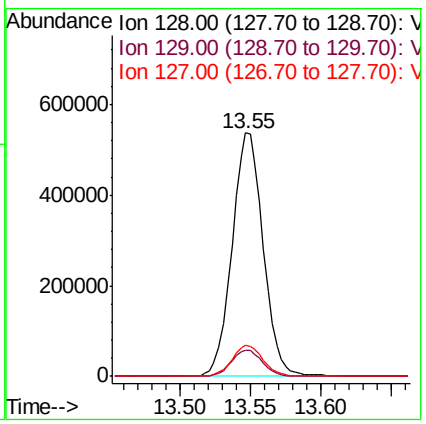


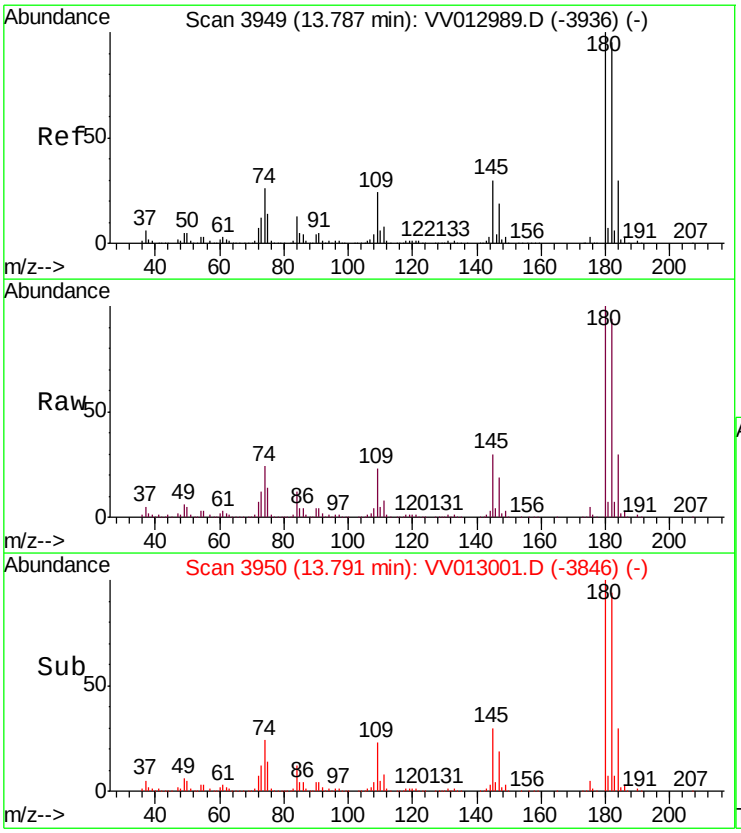
#69
Naphthalene
Concen: 22.950 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD02574

Tgt Ion:128 Resp: 829250

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.7	10.2	15.2





#70
1,2,3-Trichlorobenzene
Concen: 23.635 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013001.D
Acq: 26 Sep 2019 16:39

Tgt Ion:180 Resp: 408216

Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.4	116.2
145	30.1	23.9	35.9