Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

Quantitation Report (Not Reviewed)

Data File : VU033634.D
Acq On : 08 Aug 2019 13:35
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Quant Time: Aug 09 07:38:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 15:37:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	310405	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	310839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	164890	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	162116	46.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.52%			
7) Chloroethane-d5	1.67	69	140201	47.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.54%			
11) 1,1-Dichloroethene-d2	2.26	63	265438	46.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.72%			
21) 2-Butanone-d5	4.15	46	254468	99.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.16%			
24) Chloroform-d	4.62	84	270361	46.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.12%			
26) 1,2-Dichloroethane-d4	5.29	65	178832	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.52%			
32) Benzene-d6	5.32	84	566091	48.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.68%			
36) 1,2-Dichloropropane-d6	6.31	67	180844	49.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.14%			
41) Toluene-d8	7.55	98	536371	50.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.10%			
43) trans-1,3-Dichloropropene-	7.83	79	92849	51.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.94%			
47) 2-Hexanone-d5	8.29	63	192542	104.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.35%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	279893	48.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.10%			
64) 1,2-Dichlorobenzene-d4	11.85	152	220435	48.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.86%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	136395	47.719	ug/L	99
3) Chloromethane	1.32	50	142477	45.714	ug/L	99
5) Vinyl chloride	1.40	62	160490	47.635	ug/L	99
6) Bromomethane	1.62	94	100113	44.235	ug/L	99
8) Chloroethane	1.69	64	99284	47.246	ug/L	96
9) Trichlorofluoromethane	1.87	101	213789	47.799	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	108714	47.278	ug/L	98
12) 1,1-Dichloroethene	2.27	96	105220	47.920	ug/L	97
13) Acetone	2.31	43	170074	97.425	ug/L	100
14) Carbon disulfide	2.46	76	317413	48.291	ug/L	100
15) Methyl Acetate	2.60	43	140852	49.491	ug/L	100
16) Methylene chloride	2.68	84	123978	47.624	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	111257	48.629	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	359537	50.033	ug/L	99
19) 1,1-Dichloroethane	3.42	63	213916	47.928	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	128715	49.960	ug/L	95
22) 2-Butanone	4.23	43	217976	99.463	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

Quantitation Report (Not Reviewed)

Data File : VU033634.D
Acq On : 08 Aug 2019 13:35
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Quant Time: Aug 09 07:38:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 15:37:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	66199	48.590	ug/L	98
25) Chloroform	4.65	83	227830	48.730	ug/L	97
27) 1,2-Dichloroethane	5.38	62	172304	47.545	ug/L	99
29) Cyclohexane	4.97	56	182815	50.906	ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	187468	48.041	ug/L	99
31) Carbon tetrachloride	5.11	117	166350	48.198	ug/L	99
33) Benzene	5.37	78	477630	48.675	ug/L	100
34) Trichloroethene	6.17	95	122519	48.677	ug/L	98
35) Methylcyclohexane	6.40	83	194652	50.497	ug/L	99
37) 1,2-Dichloropropane	6.41	63	128771	48.555	ug/L	100
38) Bromodichloromethane	6.74	83	164661	47.996	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	208572	52.833	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	393538	102.285	ug/L	99
42) Toluene	7.62	91	525839	49.969	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	188225	50.656	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	122743	48.563	ug/L	98
46) Tetrachloroethene	8.21	164	103898	50.883	ug/L	96
48) 2-Hexanone	8.34	43	322857	101.783	ug/L	98
49) Dibromochloromethane	8.46	129	139894	48.575	ug/L	96
50) 1,2-Dibromoethane	8.57	107	135893	49.555	ug/L	100
51) Chlorobenzene	9.10	112	339051	49.263	ug/L	97
52) Ethylbenzene	9.23	91	571799	50.577	ug/L	99
53) m,p-Xylene	9.36	106	221985	51.813	ug/L	99
54) o-xylene	9.76	106	215186	50.669	ug/L	99
55) Styrene	9.77	104	372765	51.587	ug/L	99
56) Isopropylbenzene	10.15	105	564024	51.565	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	222557	47.948	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	176323	48.692	ug/L	99
61) Bromoform	9.94	173	109636	49.606	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	277599	50.123	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	282733	49.383	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	279313	49.725	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	52527	50.204	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	214501	51.234	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	186049	53.163	ug/L	97
69) Naphthalene	13.73	128	573581	56.119	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	195282	53.451	ug/L	100

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

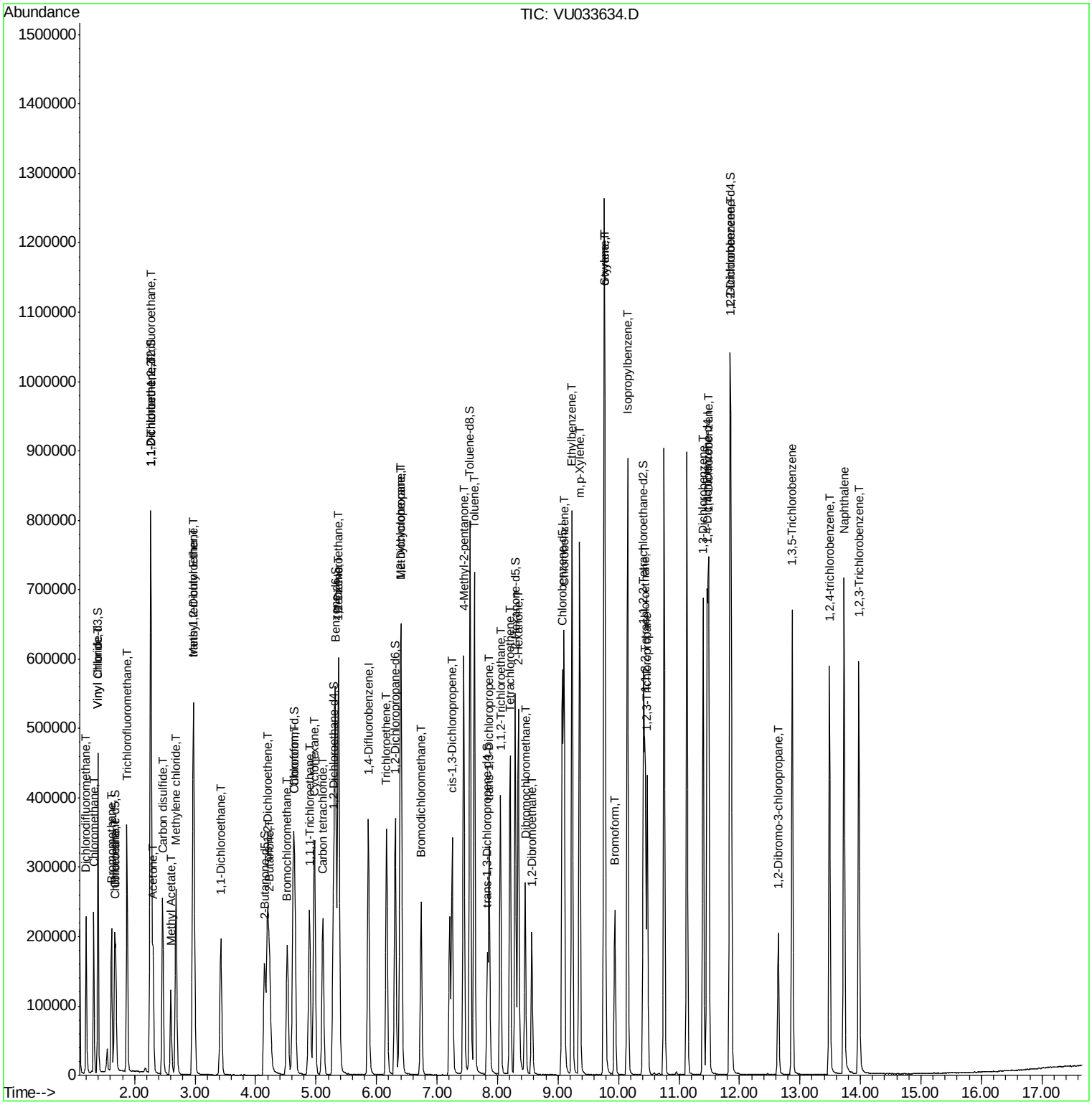
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\

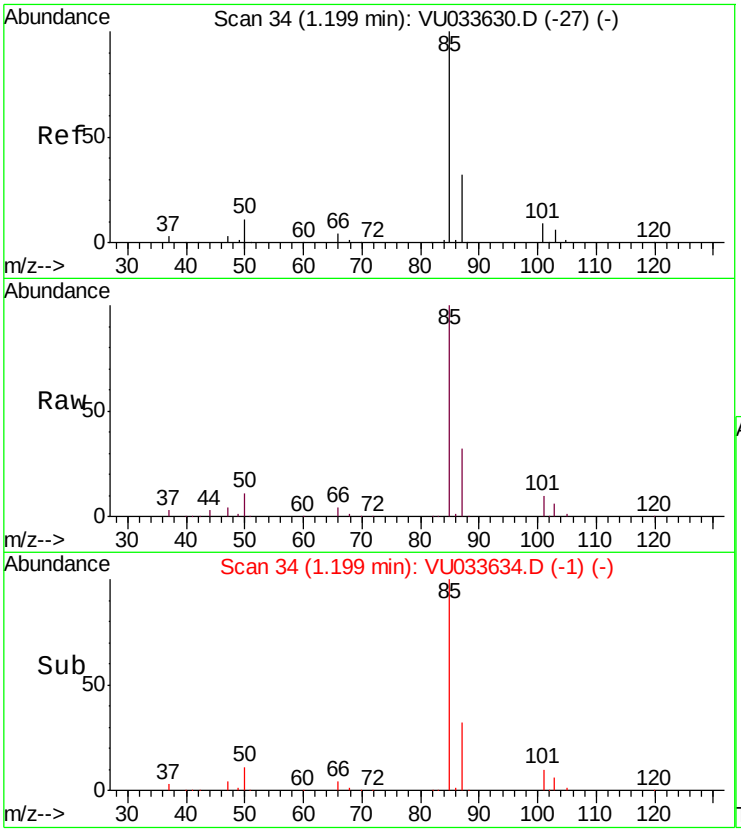
Quantitation Report (Not Reviewed)

Data File : VU033634.D
Acq On : 08 Aug 2019 13:35
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Quant Time: Aug 09 07:38:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 15:37:44 2019
Response via : Initial Calibration



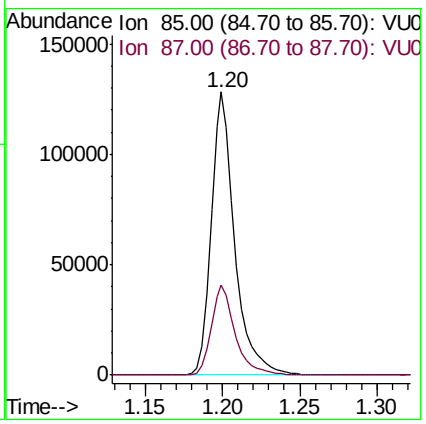


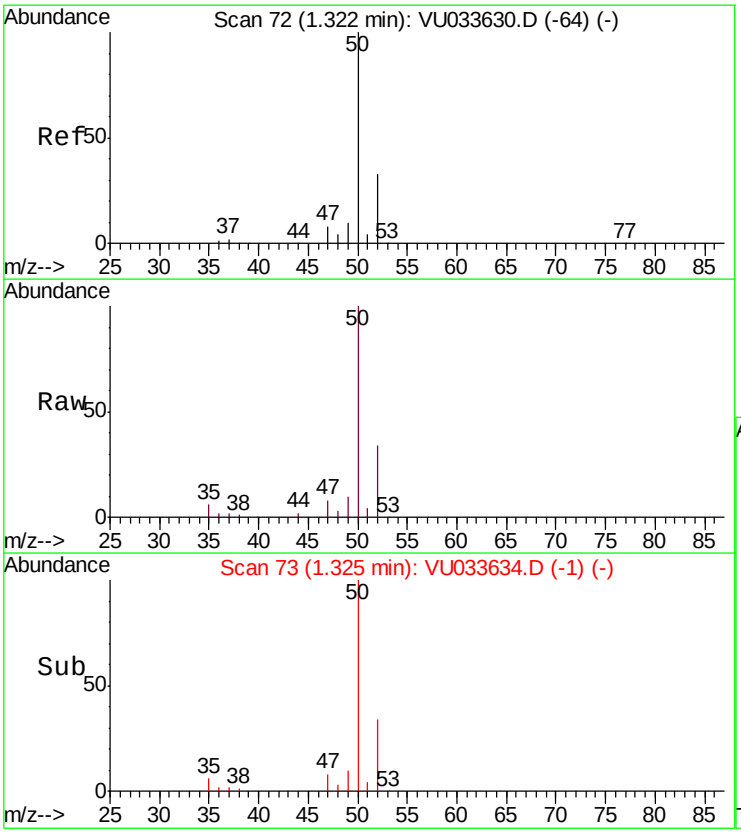
#2
Dichlorodifluoromethane
Concen: 47.719 ug/L
RT: 1.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 85 Resp: 136395

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.4	38.2

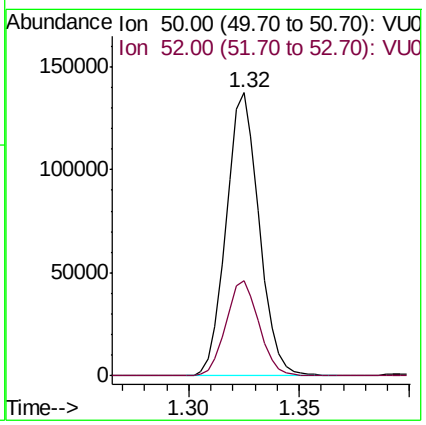


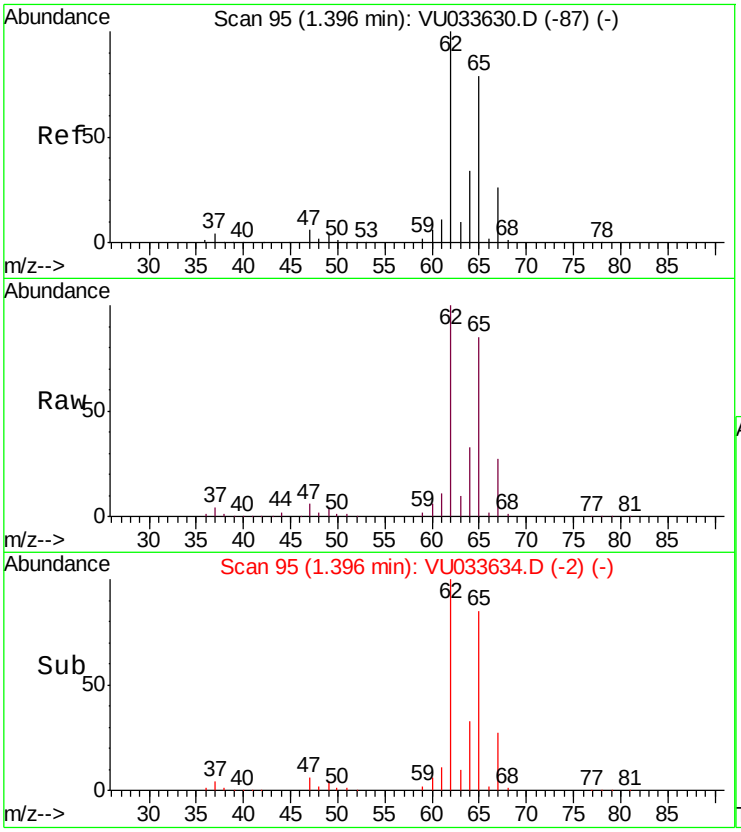


#3
Chloromethane
Concen: 45.714 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 50 Resp: 142477

Ion	Ratio	Lower	Upper
50	100		
52	33.7	23.3	43.3



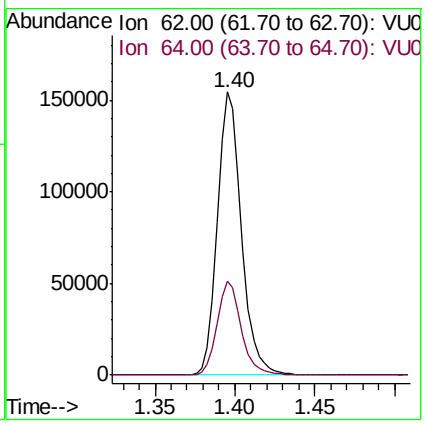


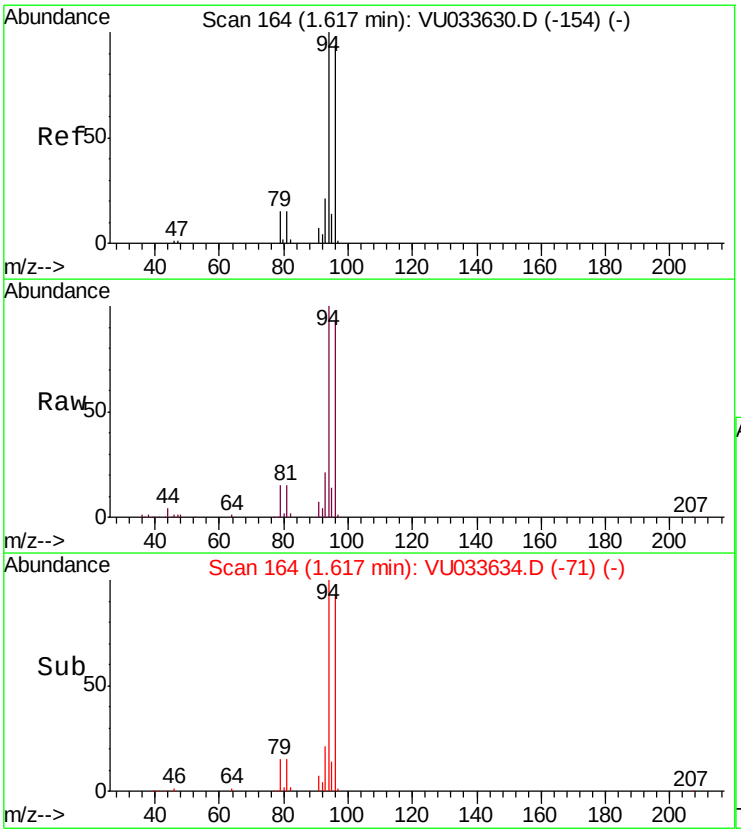
#5
Vinyl chloride
Concen: 47.635 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 62 Resp: 160490

Ion	Ratio	Lower	Upper
62	100		
64	33.2	23.6	43.8

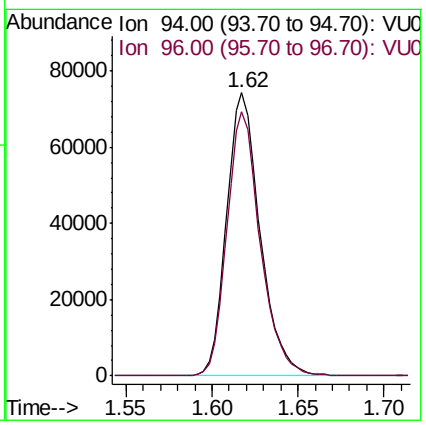


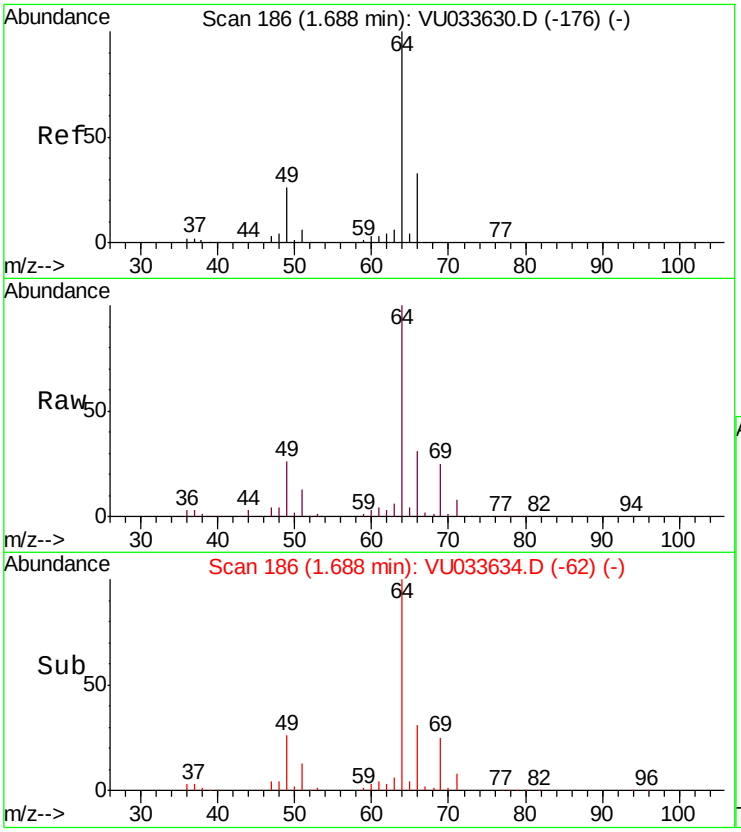


#6
Bromomethane
Concen: 44.235 ug/L
RT: 1.62 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 94 Resp: 100113

Ion	Ratio	Lower	Upper
94	100		
96	93.4	65.8	122.2



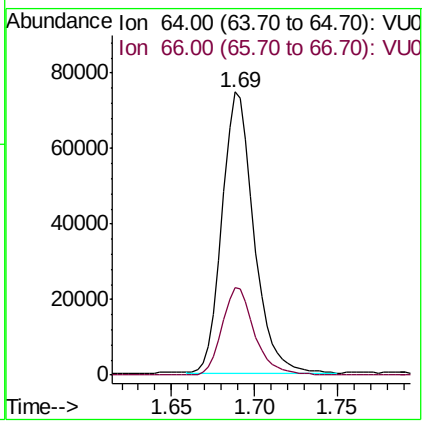


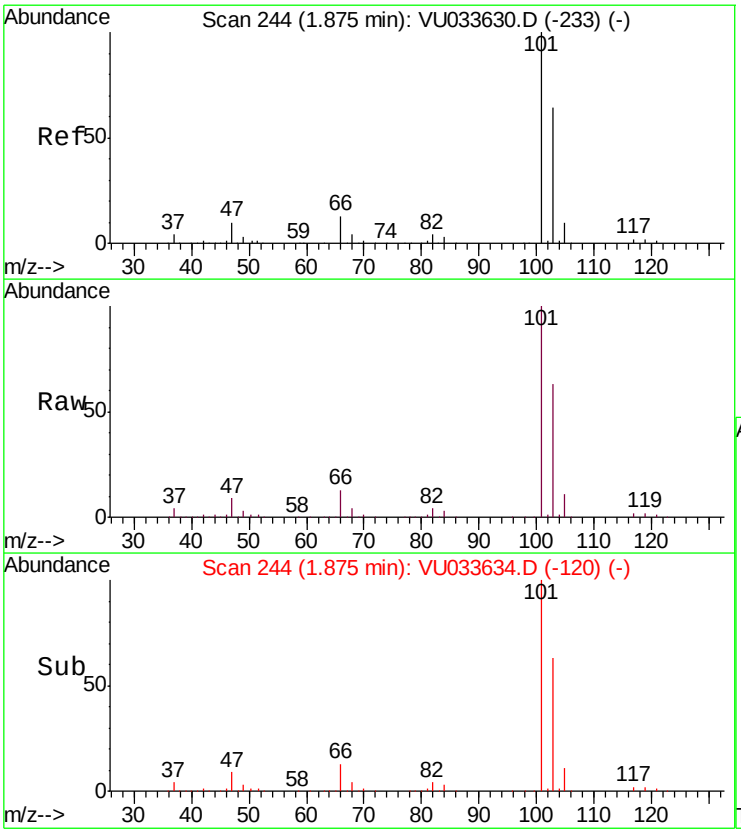
#8
Chloroethane
Concen: 47.246 ug/L
RT: 1.69 min Scan# 186
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 64 Resp: 99284

Ion	Ratio	Lower	Upper
64	100		
66	30.8	23.0	42.8

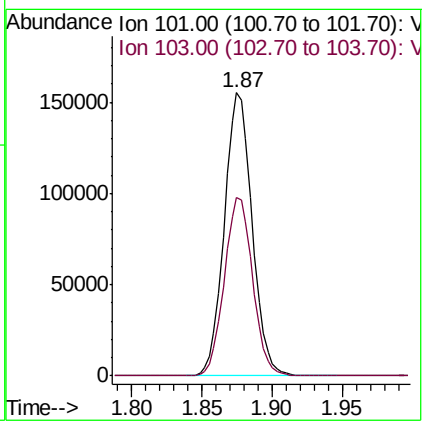


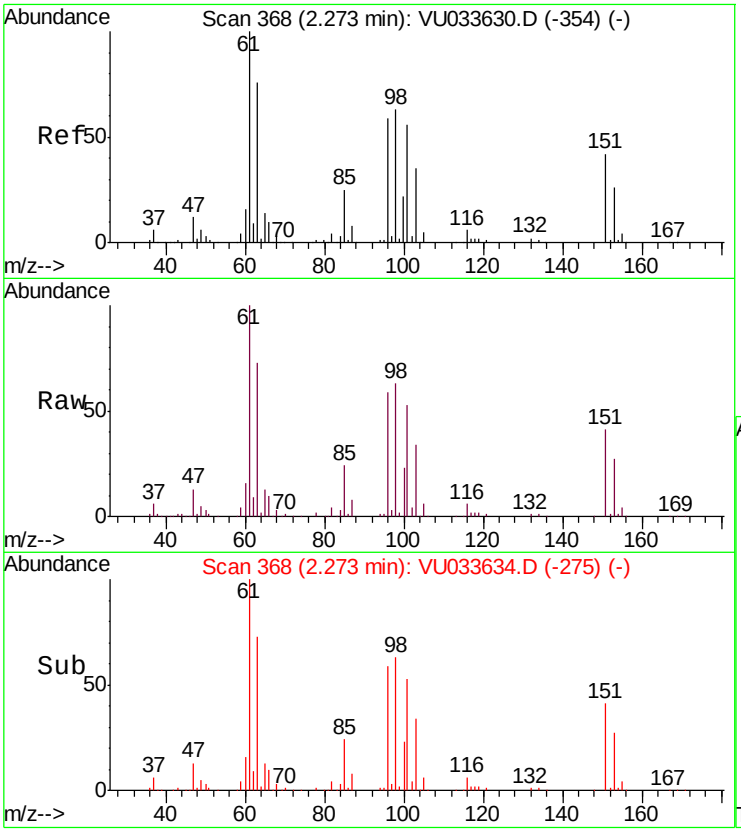


#9
Trichlorofluoromethane
Concen: 47.799 ug/L
RT: 1.87 min Scan# 244
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:101 Resp: 213789

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.3	76.9



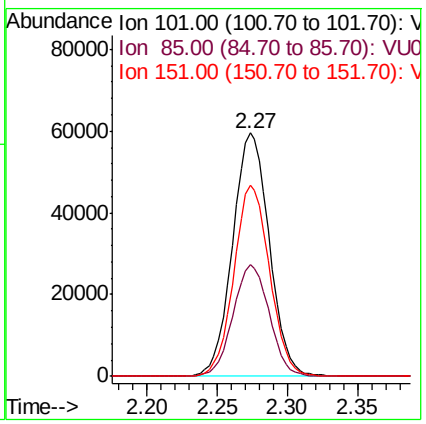


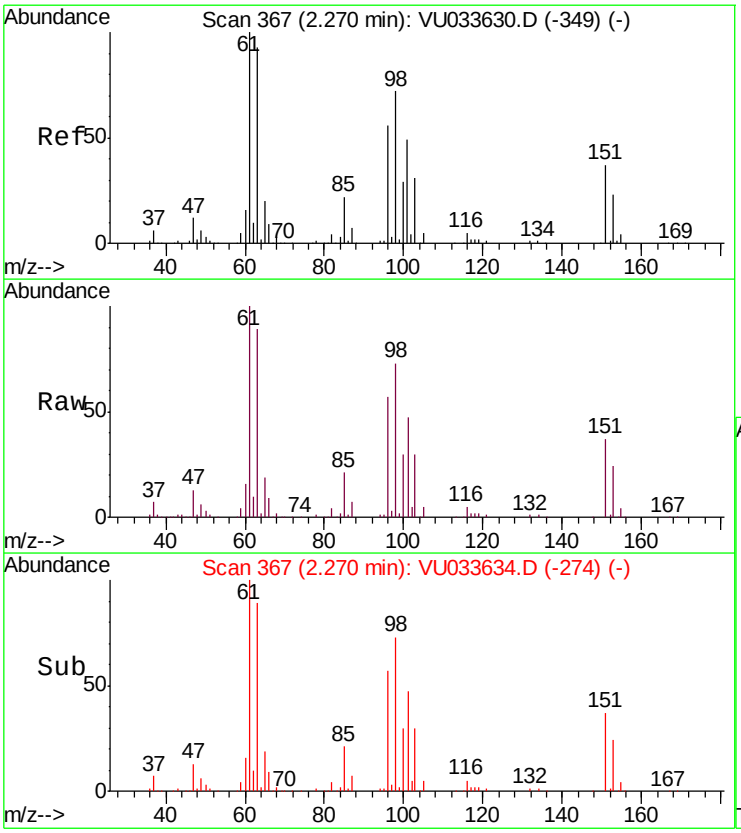
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.278 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:101 Resp: 108714

Ion	Ratio	Lower	Upper
101	100		
85	45.3	34.8	52.2
151	76.5	60.4	90.6

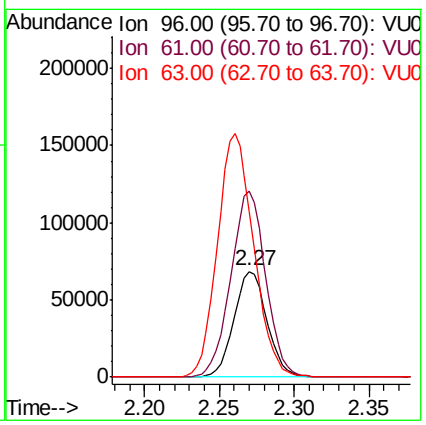


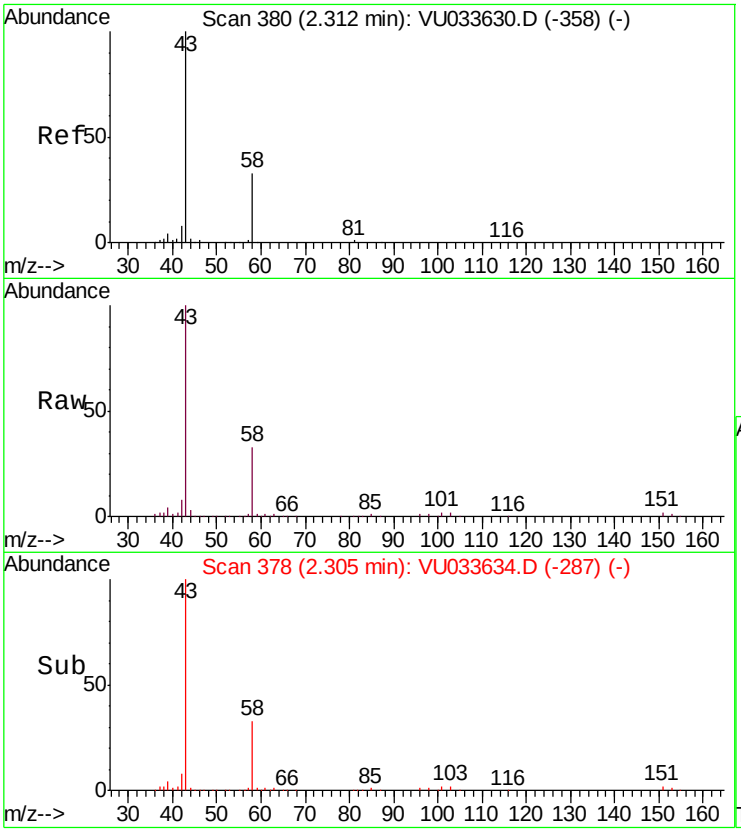


#12
1,1-Dichloroethene
Concen: 47.920 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 96 Resp: 105220

Ion	Ratio	Lower	Upper
96	100		
61	176.0	124.0	230.2
63	156.9	114.9	213.5



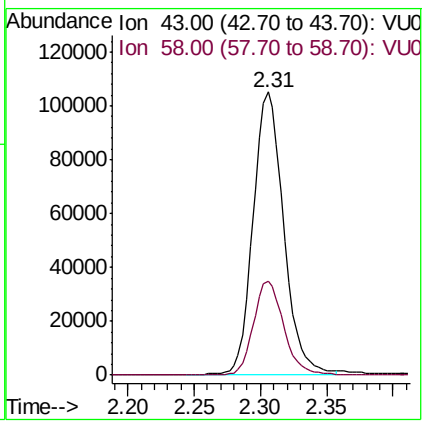


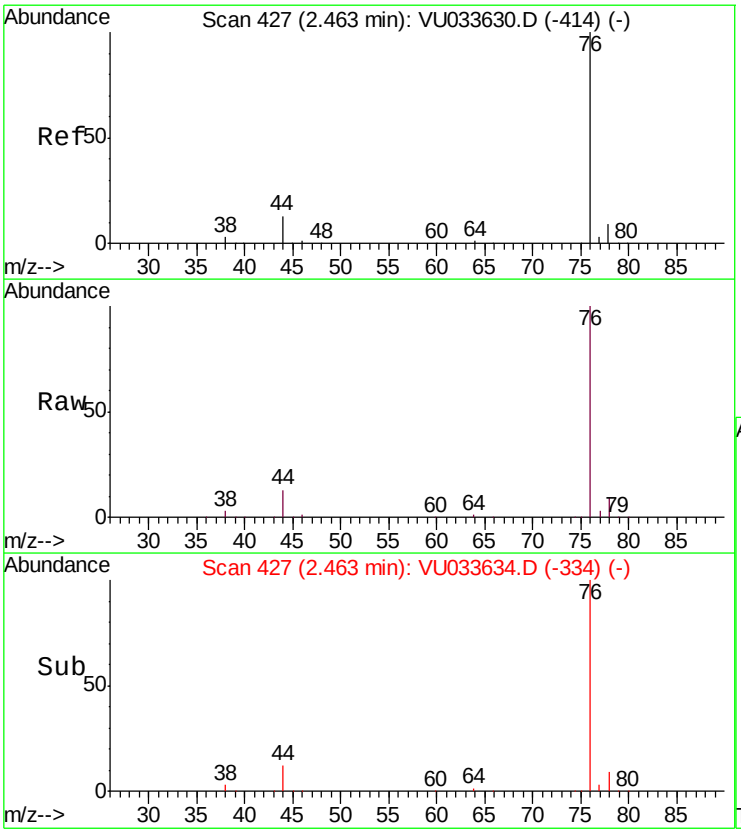
#13
Acetone
Concen: 97.425 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 43 Resp: 170074

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	65.0

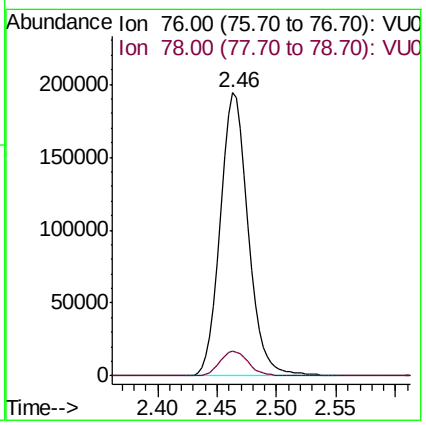


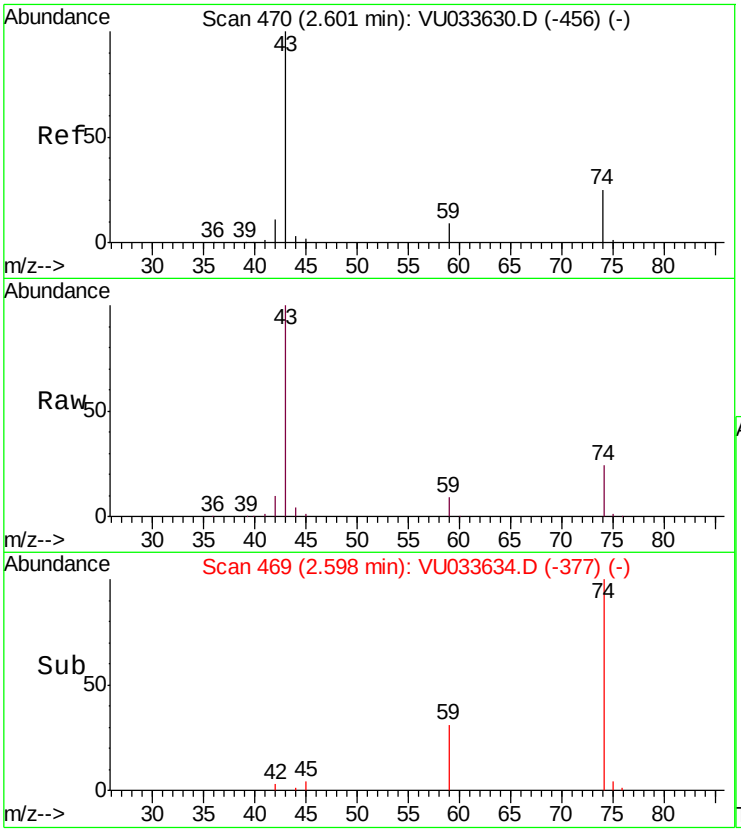


#14
Carbon disulfide
Concen: 48.291 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 76 Resp: 317413

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7



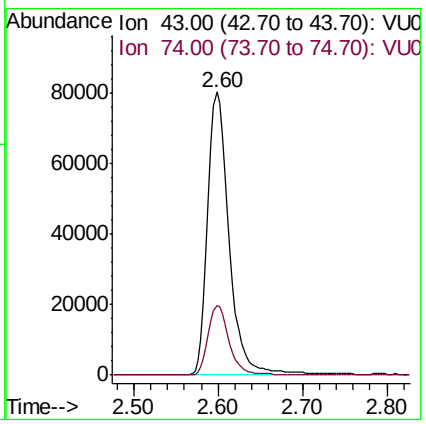


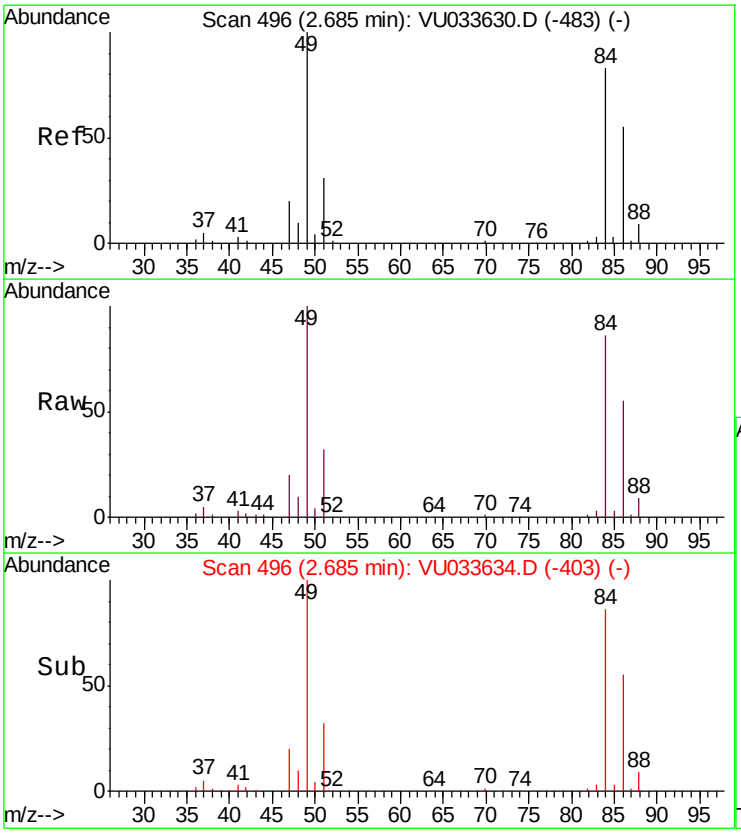
#15
Methyl Acetate
Concen: 49.491 ug/L
RT: 2.60 min Scan# 469
Delta R.T. -0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 43 Resp: 140852

Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.5	29.3

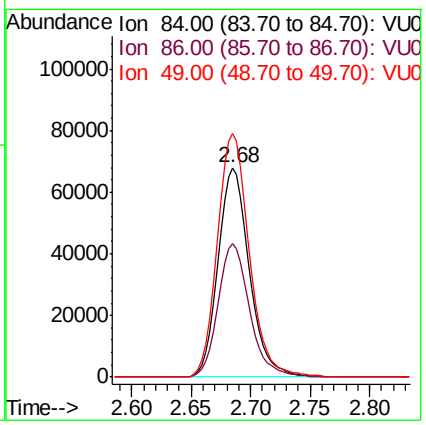


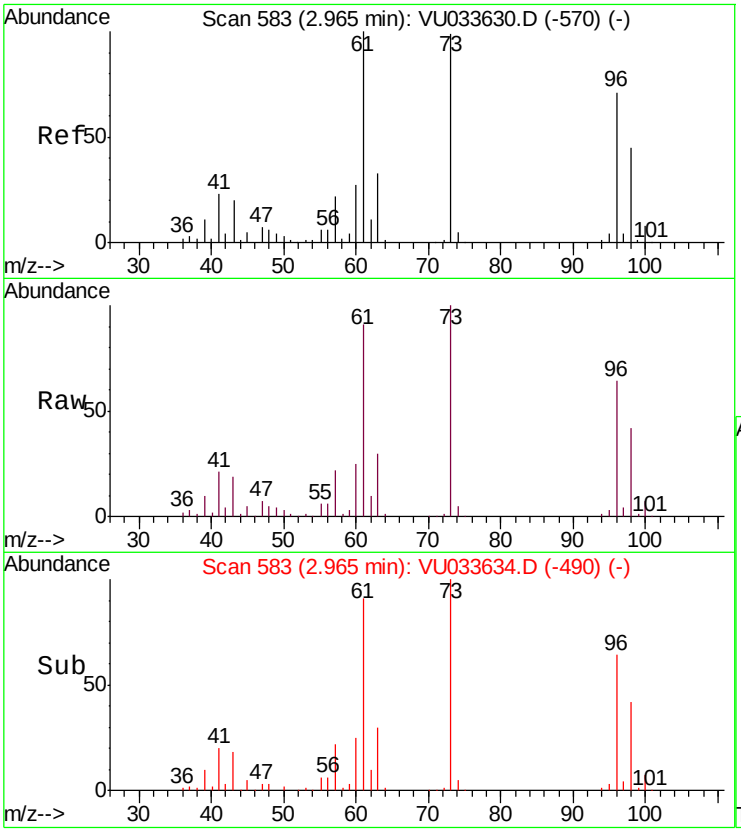


#16
Methylene chloride
Concen: 47.624 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 84 Resp: 123978

Ion	Ratio	Lower	Upper
84	100		
86	64.1	46.0	85.4
49	116.5	84.4	156.8



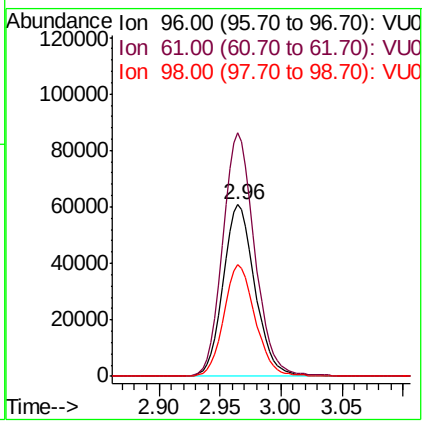


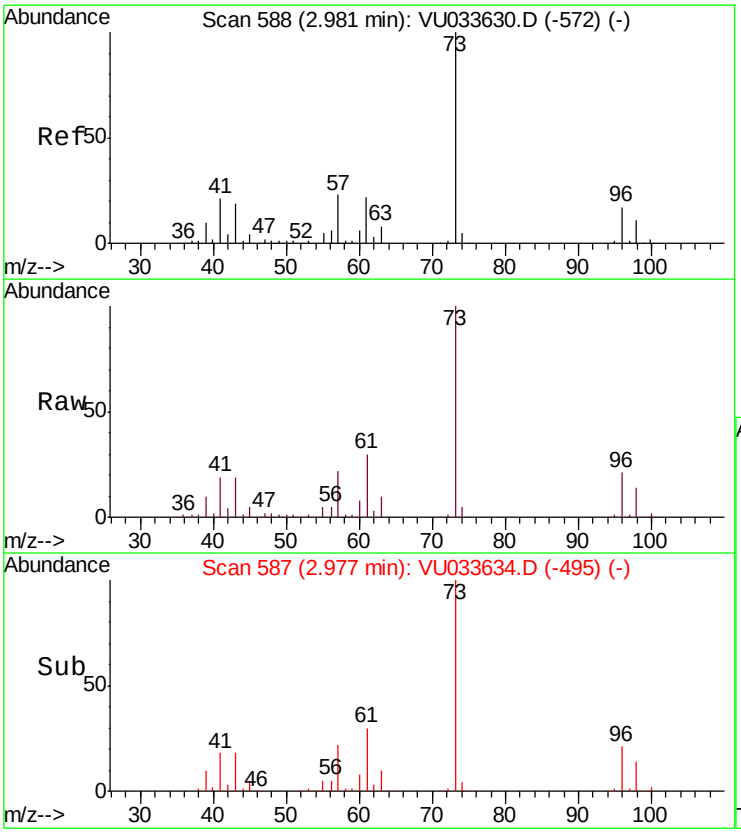
#17
trans-1,2-Dichloroethene
Concen: 48.629 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 96 Resp: 111257

Ion	Ratio	Lower	Upper
96	100		
61	141.8	98.7	183.3
98	64.9	44.6	82.8

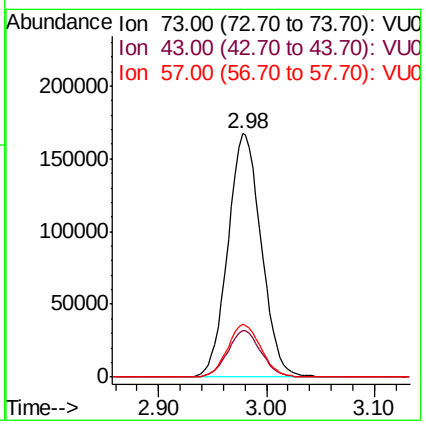


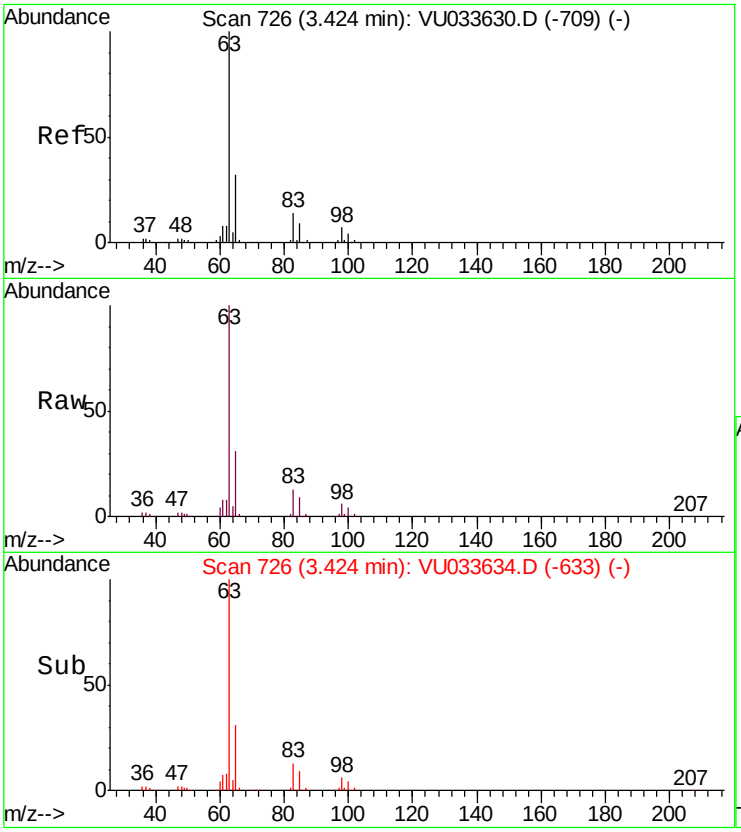


#18
Methyl tert-butyl Ether
Concen: 50.033 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 73 Resp: 359537

Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.5	23.3
57	21.6	18.0	27.0



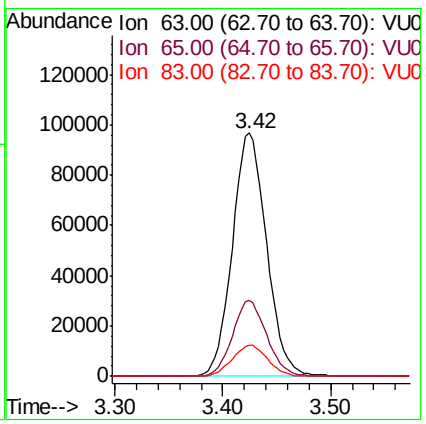


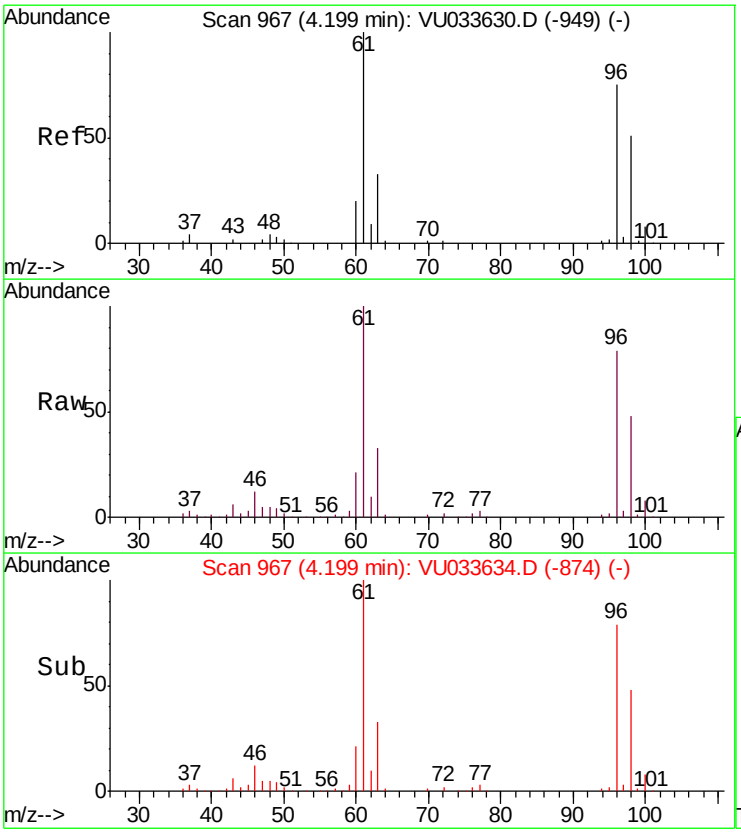
#19
1,1-Dichloroethane
Concen: 47.928 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 63 Resp: 213916

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.5	41.9
83	13.0	9.4	17.6

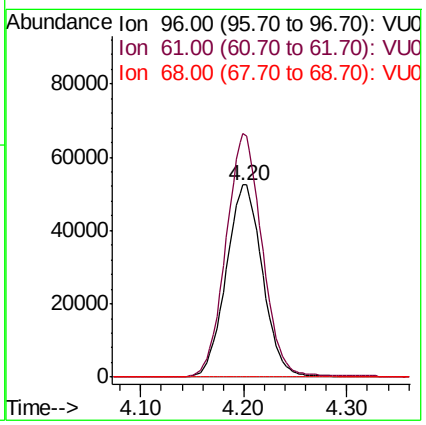


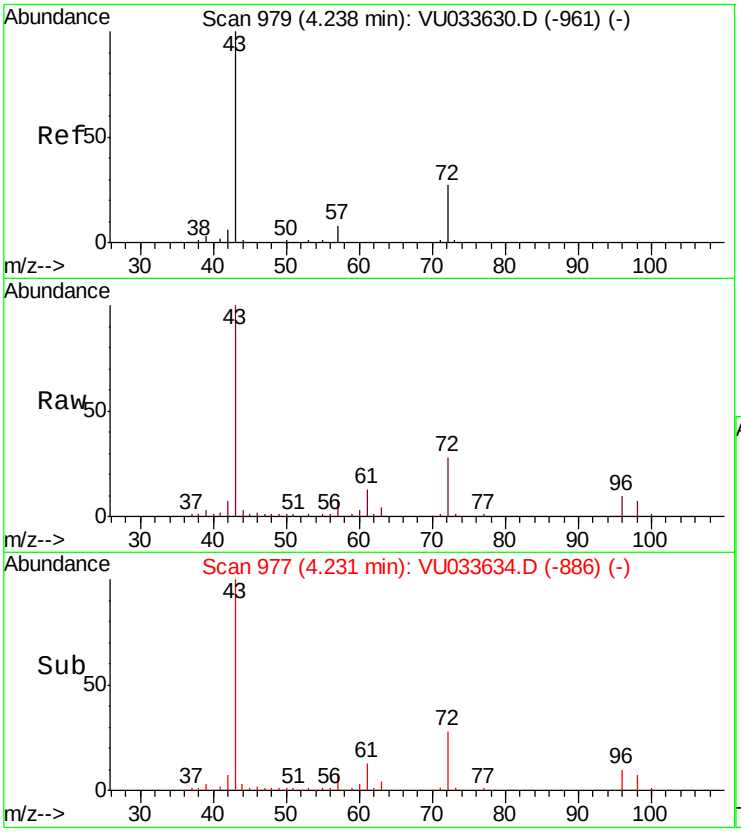


#20
cis-1,2-Dichloroethene
Concen: 49.960 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 96 Resp: 128715

Ion	Ratio	Lower	Upper
96	100		
61	126.6	93.0	172.8
68	0.0	0.0	0.0



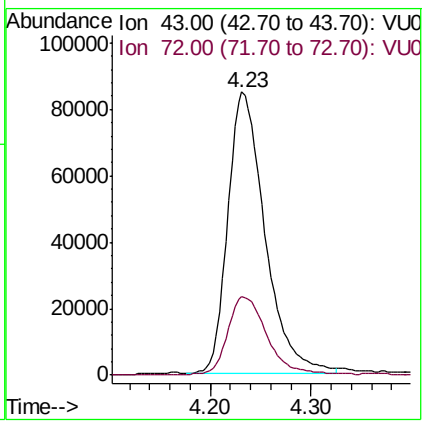


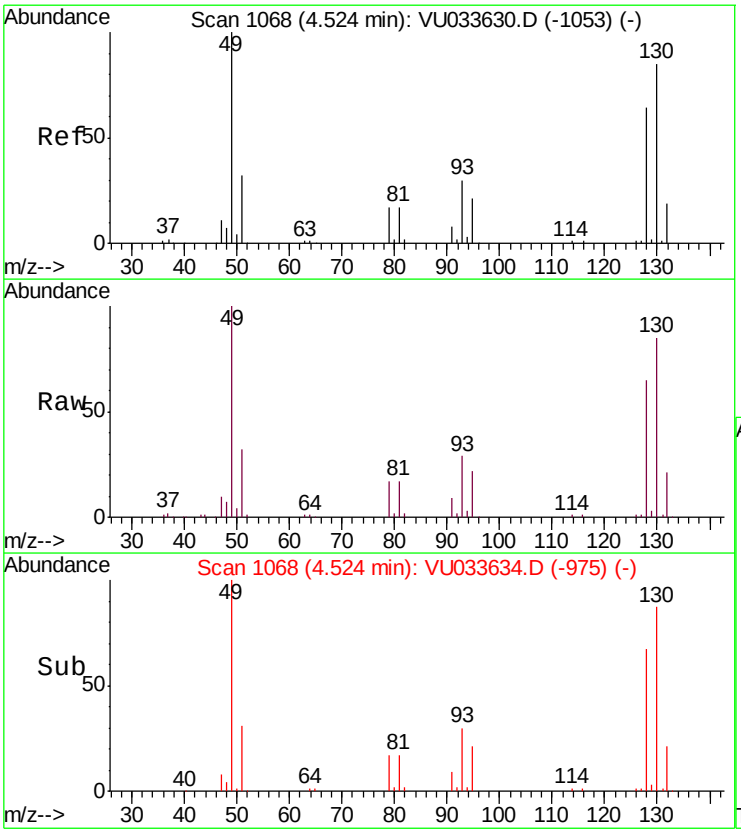
#22
2-Butanone
Concen: 99.463 ug/L
RT: 4.23 min Scan# 977
Delta R.T. -0.01 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 43 Resp: 217976

Ion	Ratio	Lower	Upper
43	100		
72	29.8	14.4	43.4

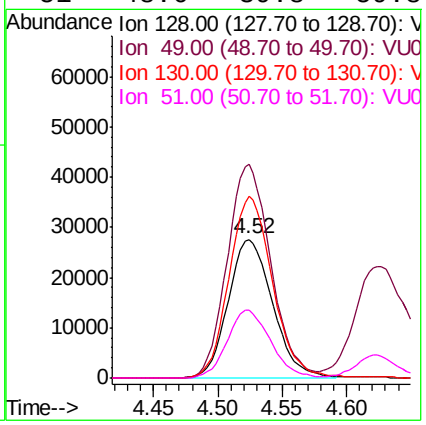


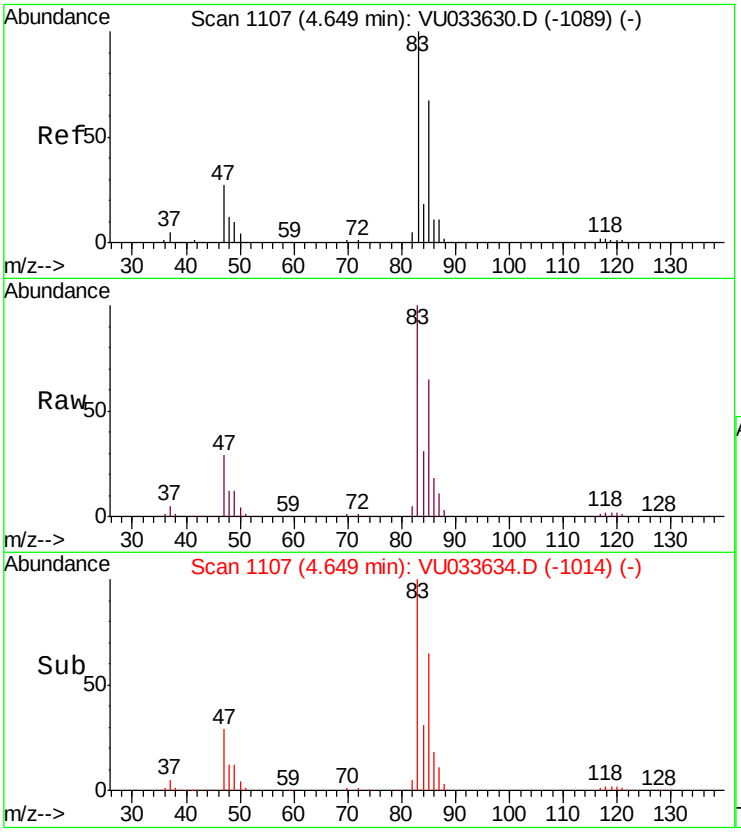


#23
Bromochloromethane
Concen: 48.590 ug/L
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:128 Resp: 66199

Ion	Ratio	Lower	Upper
128	100		
49	154.1	109.8	204.0
130	130.9	93.0	172.8
51	48.6	39.8	59.8



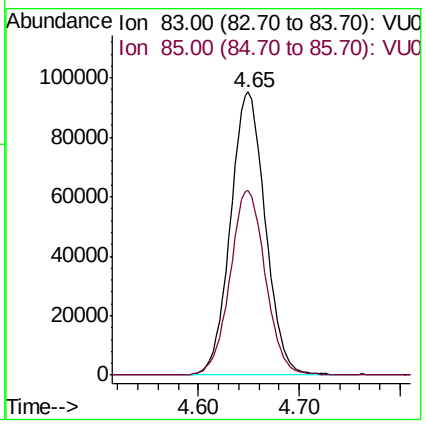


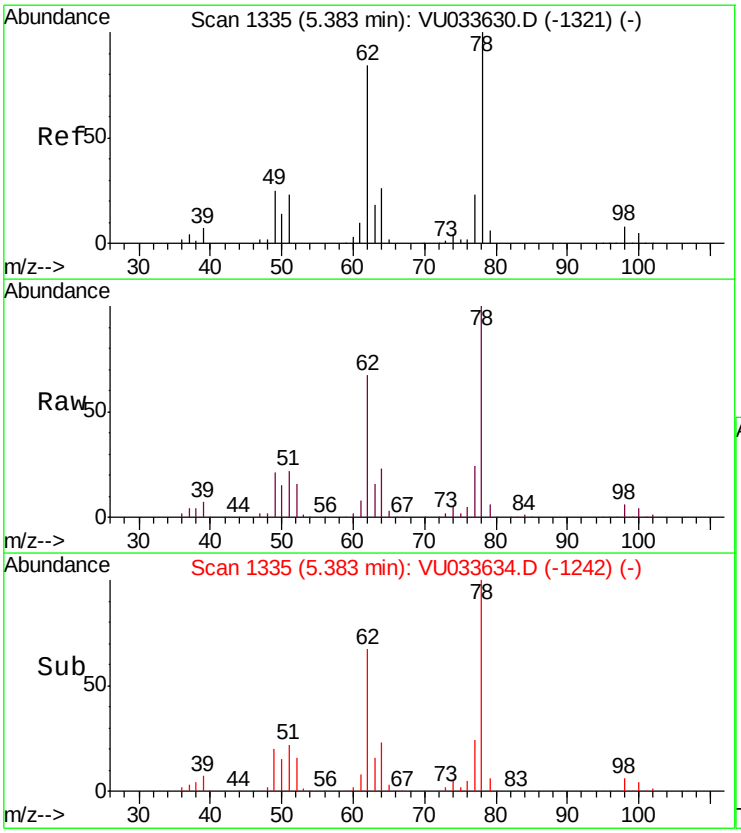
#25
Chloroform
Concen: 48.730 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 83 Resp: 227830

Ion	Ratio	Lower	Upper
83	100		
85	65.1	47.2	87.6

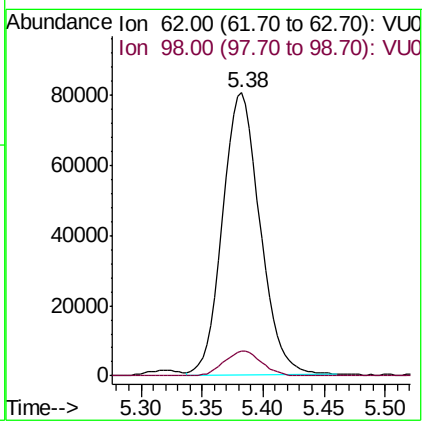


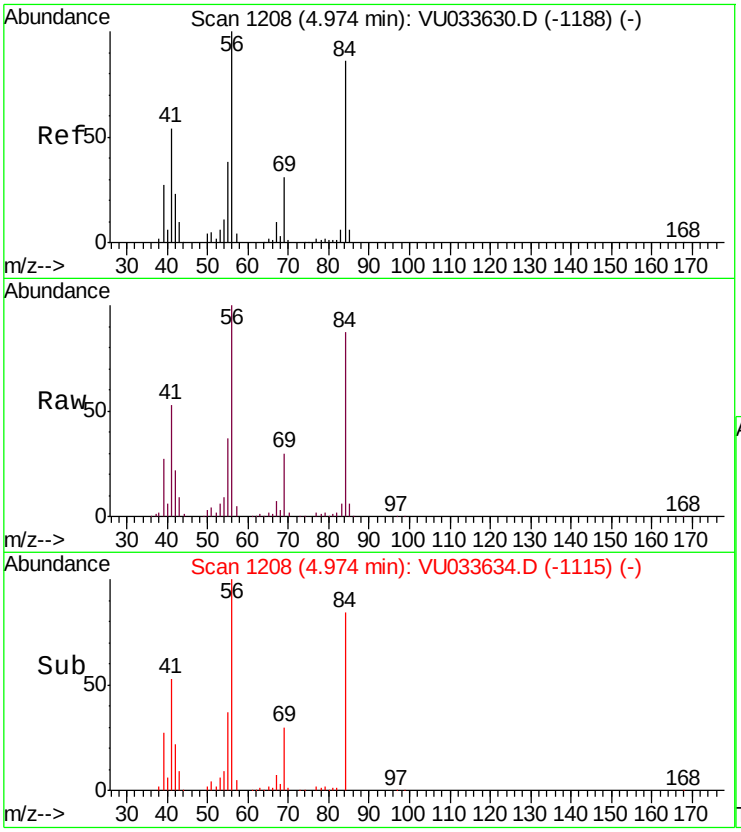


#27
1,2-Dichloroethane
Concen: 47.545 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 62 Resp: 172304

Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.4	11.2



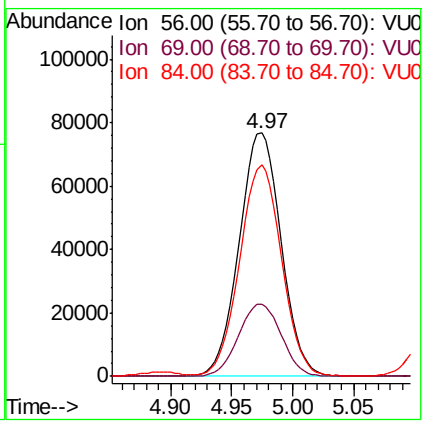


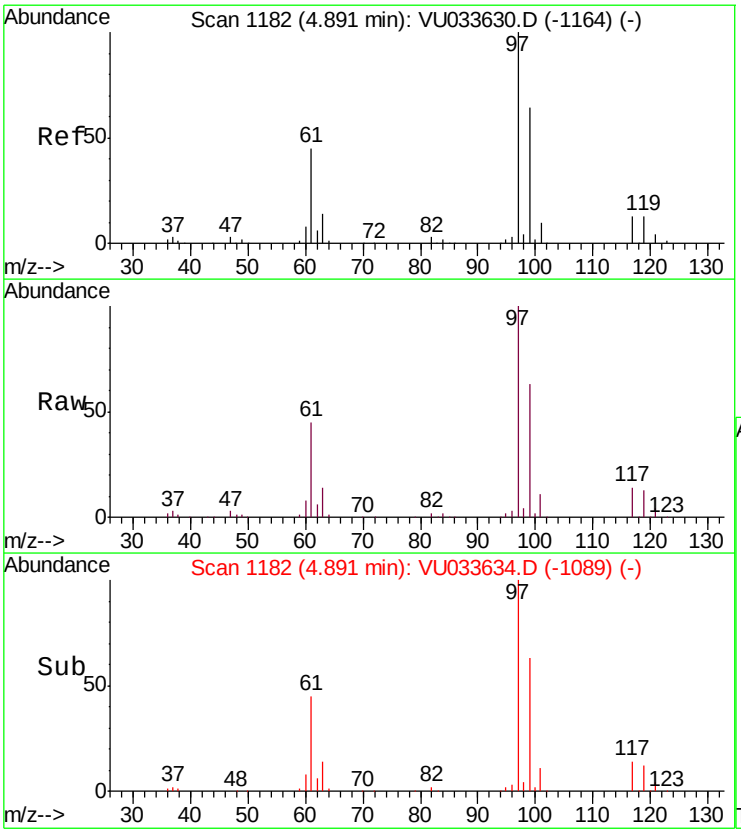
#29
Cyclohexane
Concen: 50.906 ug/L
RT: 4.97 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 56 Resp: 182815

Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.2	37.8
84	85.7	70.2	105.2

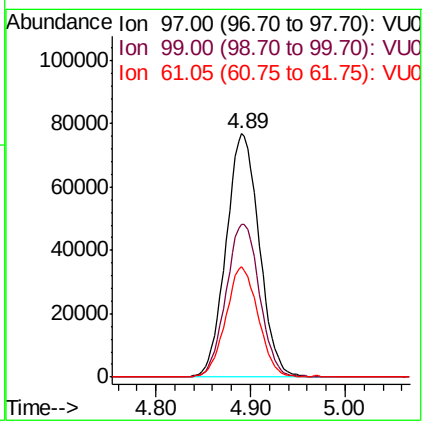


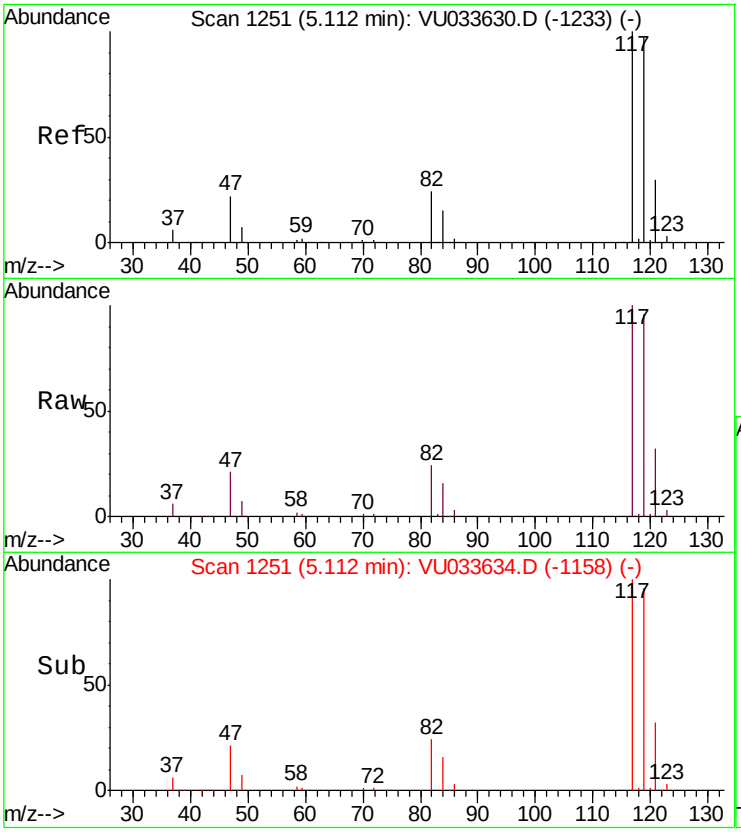


#30
1,1,1-Trichloroethane
Concen: 48.041 ug/L
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 97 Resp: 187468

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.2
61	44.3	36.2	54.4



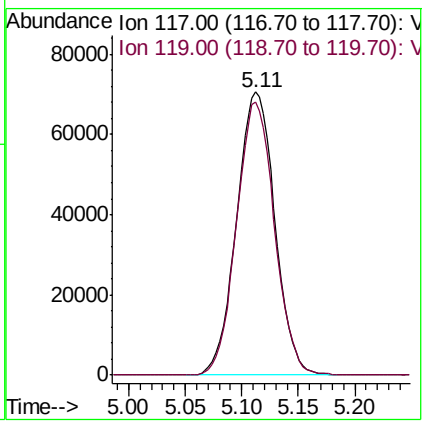


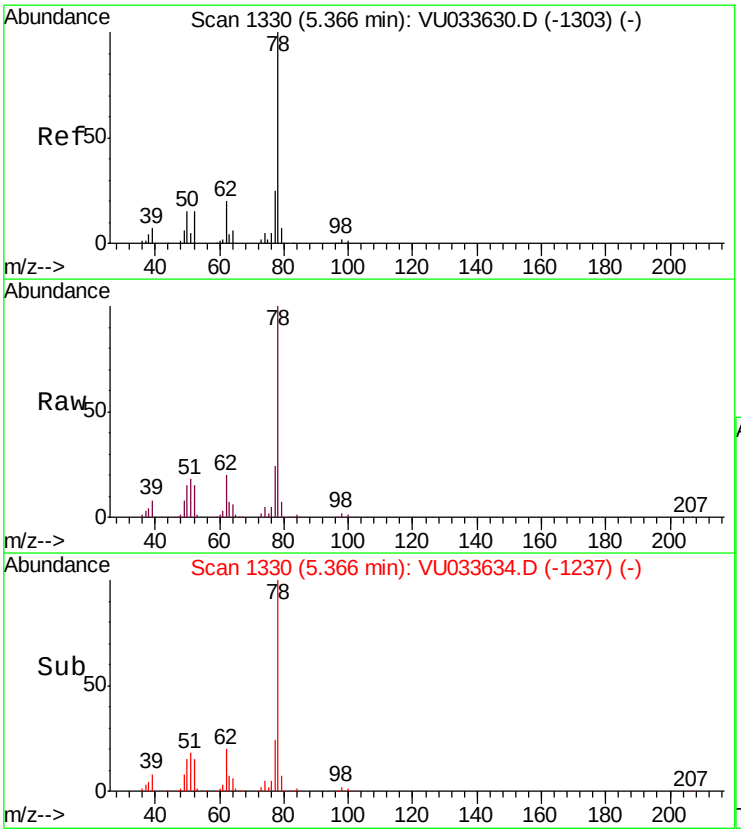
#31
Carbon tetrachloride
Concen: 48.198 ug/L
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:117 Resp: 166350

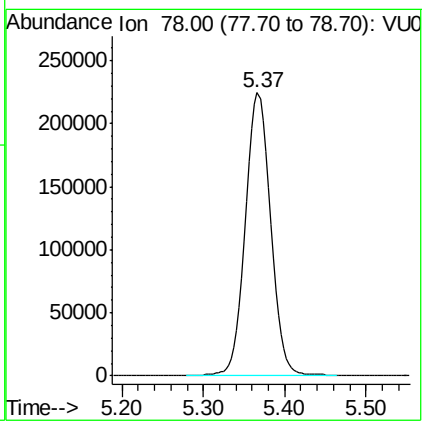
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.2	115.8

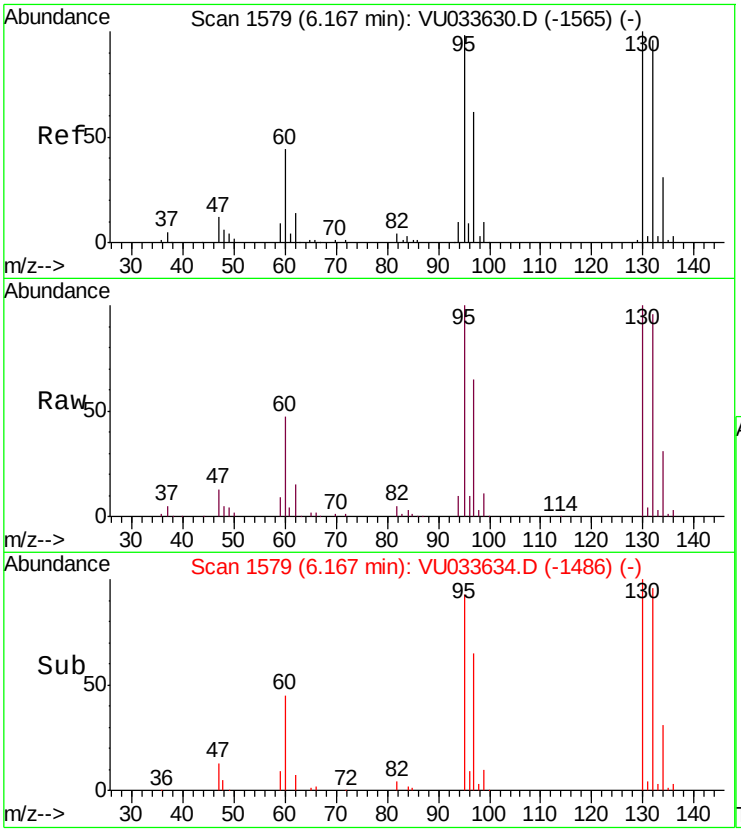




#33
Benzene
Concen: 48.675 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 78 Resp: 477630



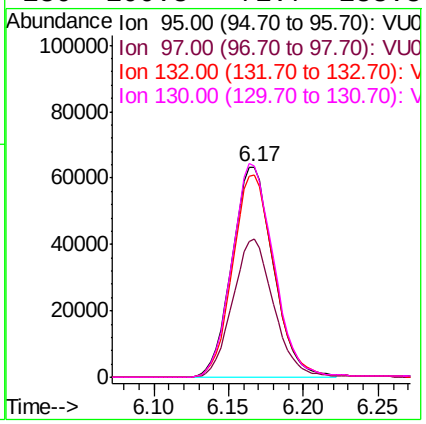


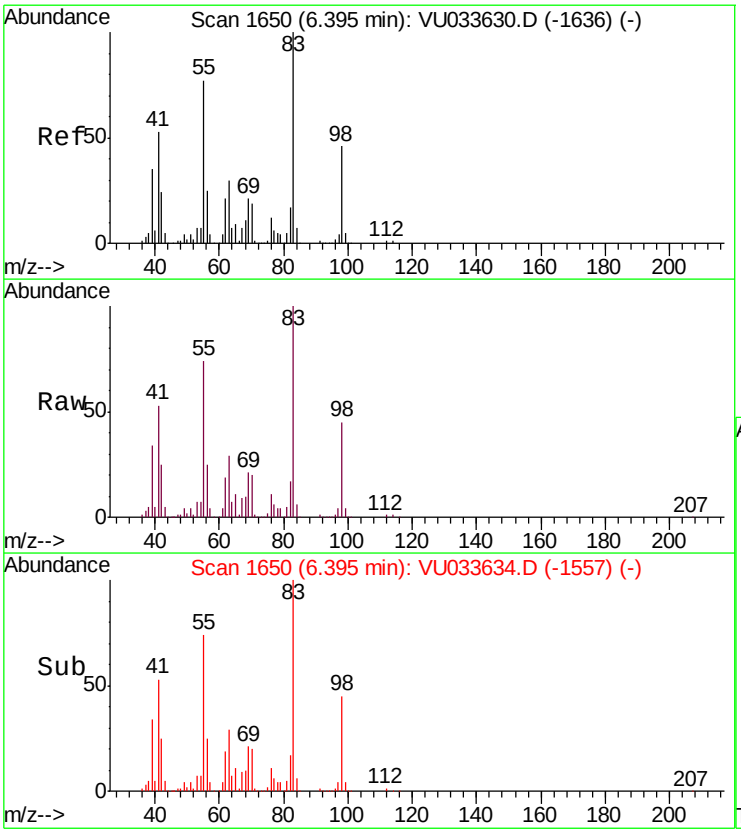
#34
Trichloroethene
Concen: 48.677 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 95 Resp: 122519

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.5
132	96.1	69.1	128.3
130	100.3	71.7	133.3

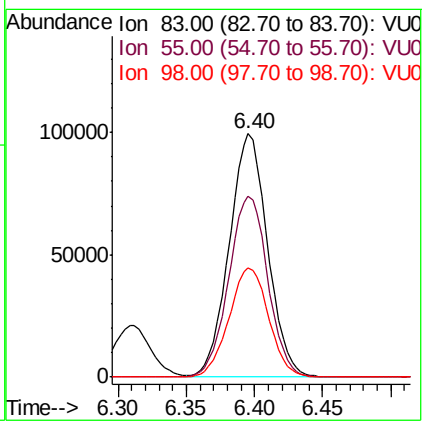


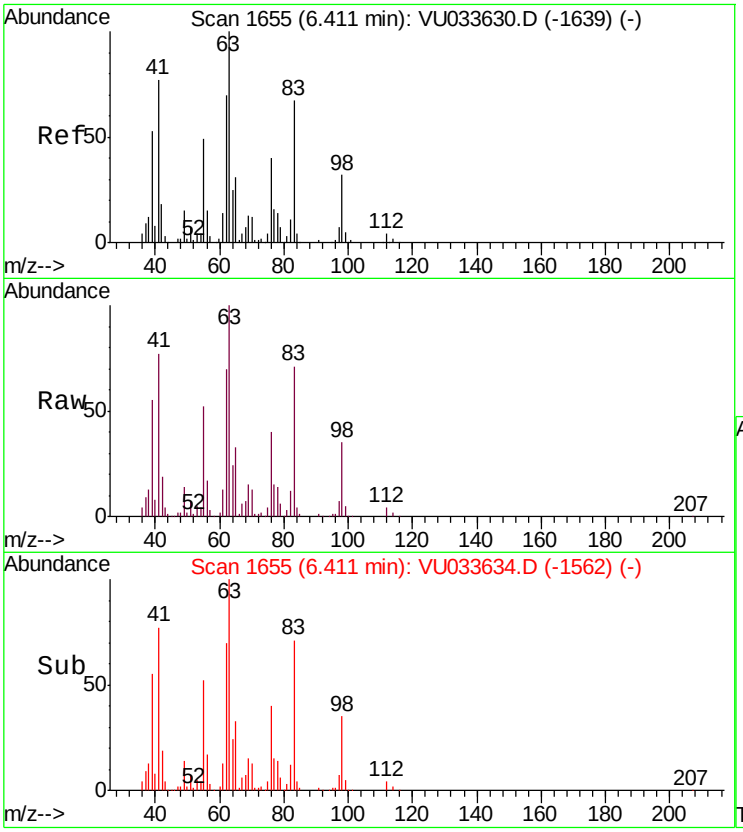


#35
Methylcyclohexane
Concen: 50.497 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 83 Resp: 194652

Ion	Ratio	Lower	Upper
83	100		
55	75.6	61.3	91.9
98	46.1	36.7	55.1



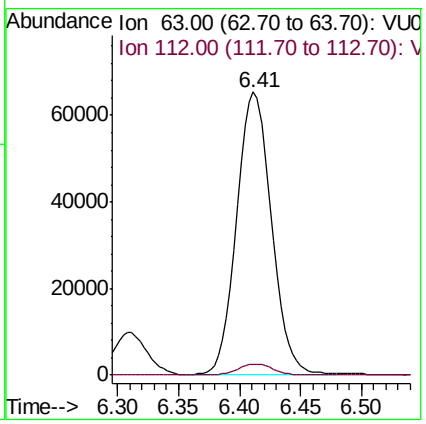


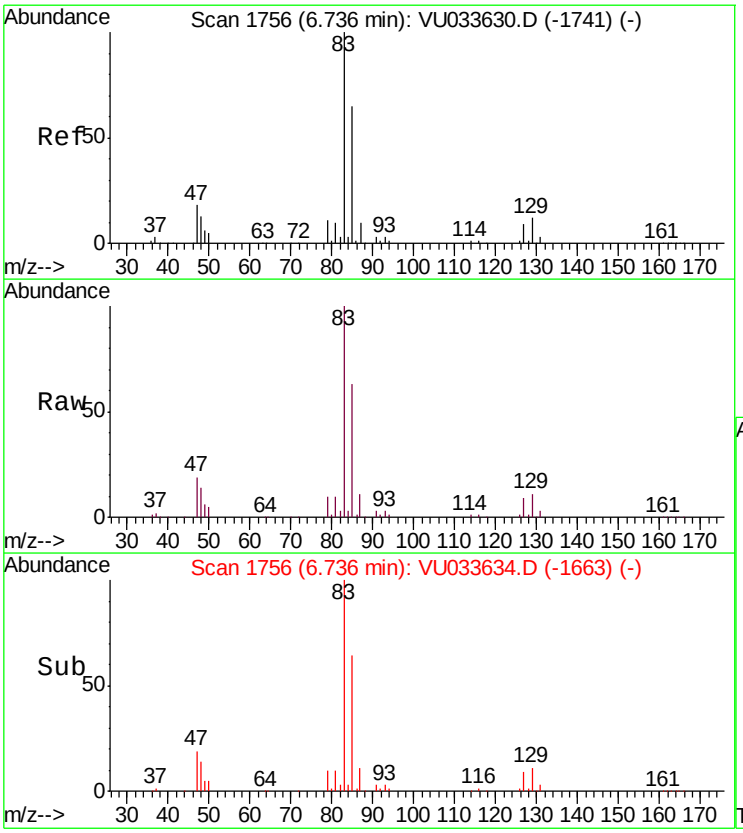
#37
1,2-Dichloropropane
Concen: 48.555 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 63 Resp: 128771

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.0	4.6

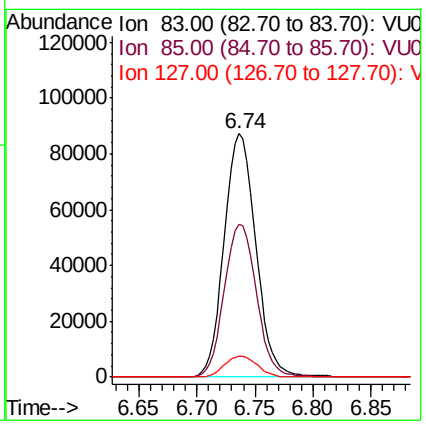


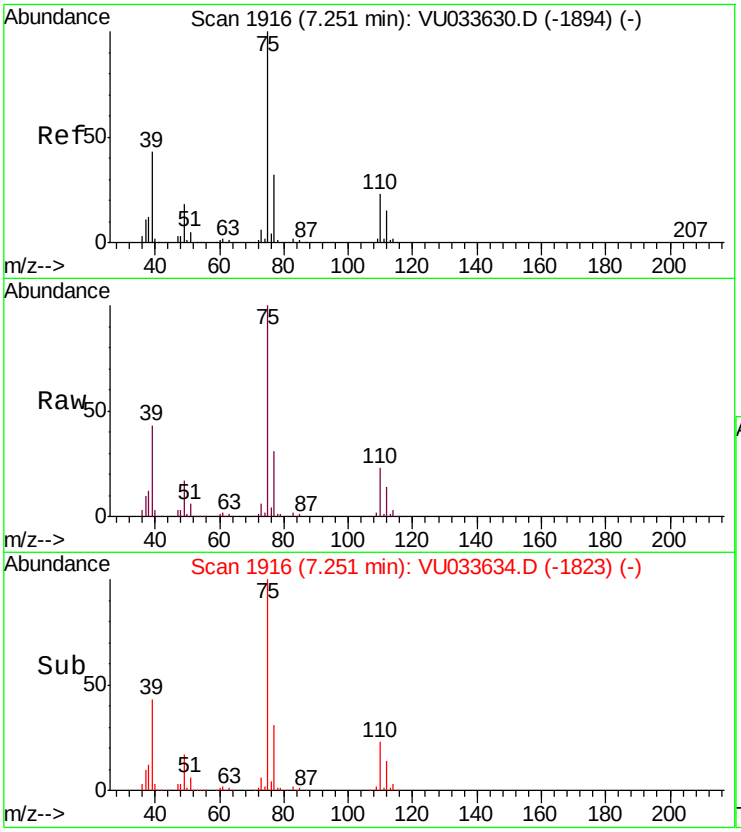


#38
Bromodichloromethane
Concen: 47.996 ug/L
RT: 6.74 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 83 Resp: 164661

Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.6	84.6
127	8.7	7.0	10.4



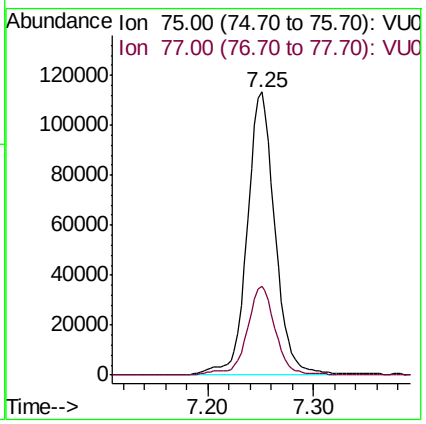


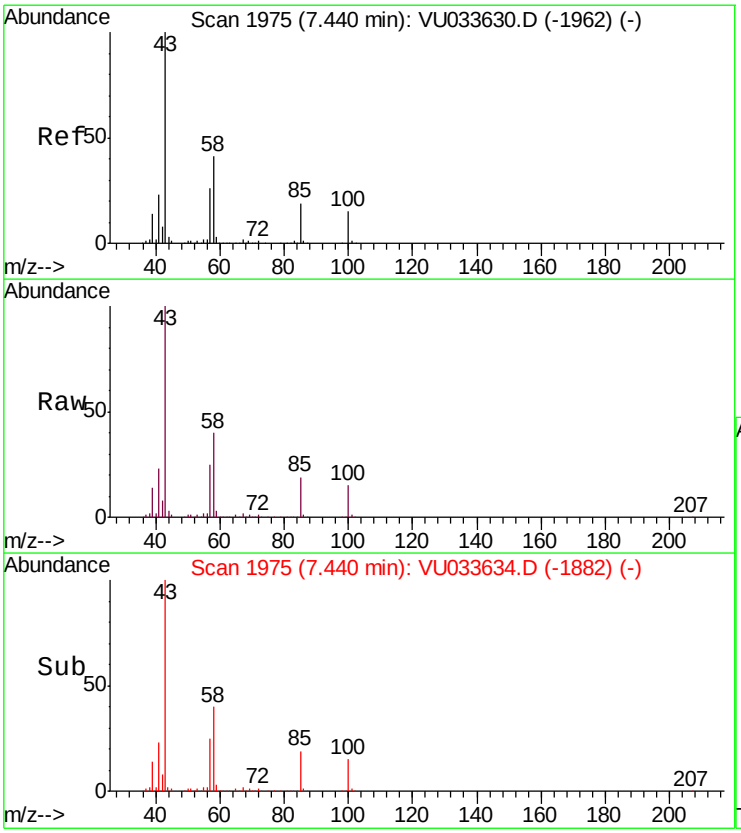
#39
cis-1,3-Dichloropropene
Concen: 52.833 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 75 Resp: 208572

Ion	Ratio	Lower	Upper
75	100		
77	31.4	22.5	41.9

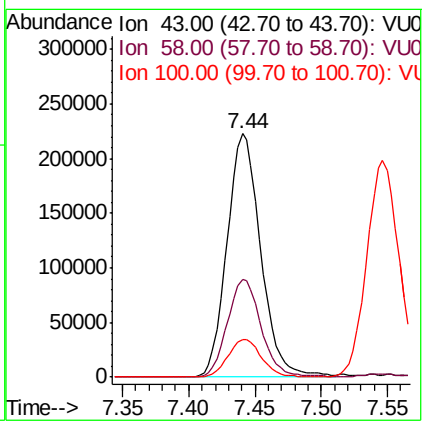


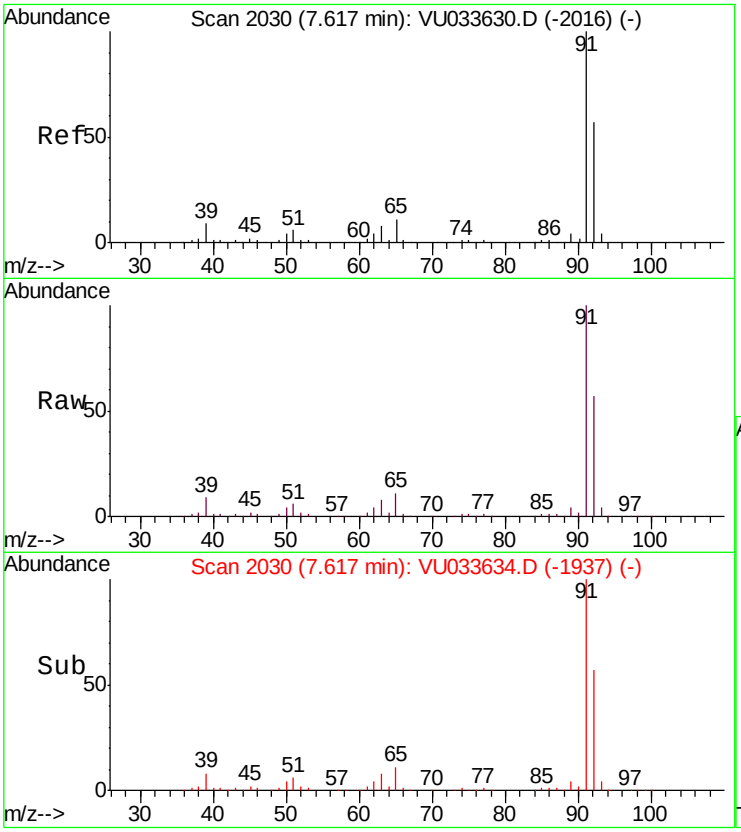


#40
4-Methyl-2-pentanone
Concen: 102.285 ug/L
RT: 7.44 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 43 Resp: 393538

Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.7	49.1
100	15.5	12.2	18.4



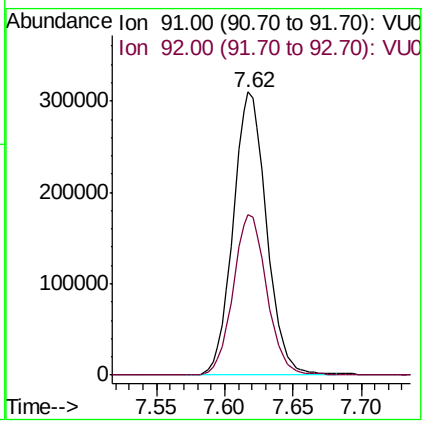


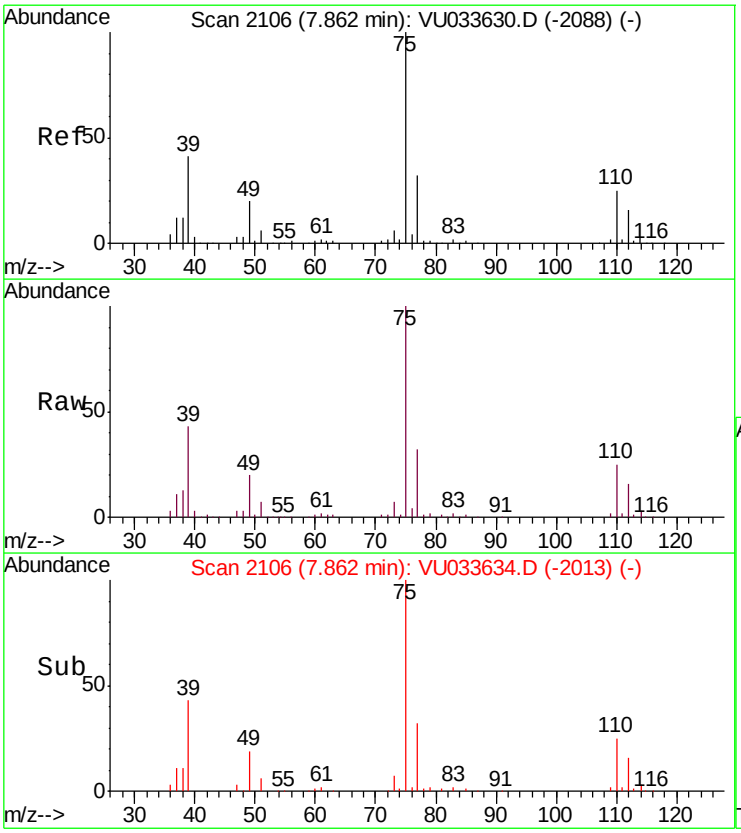
#42
Toluene
Concen: 49.969 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 91 Resp: 525839

Ion	Ratio	Lower	Upper
91	100		
92	56.8	39.6	73.6

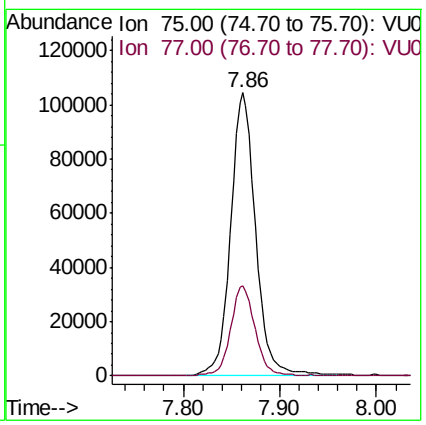


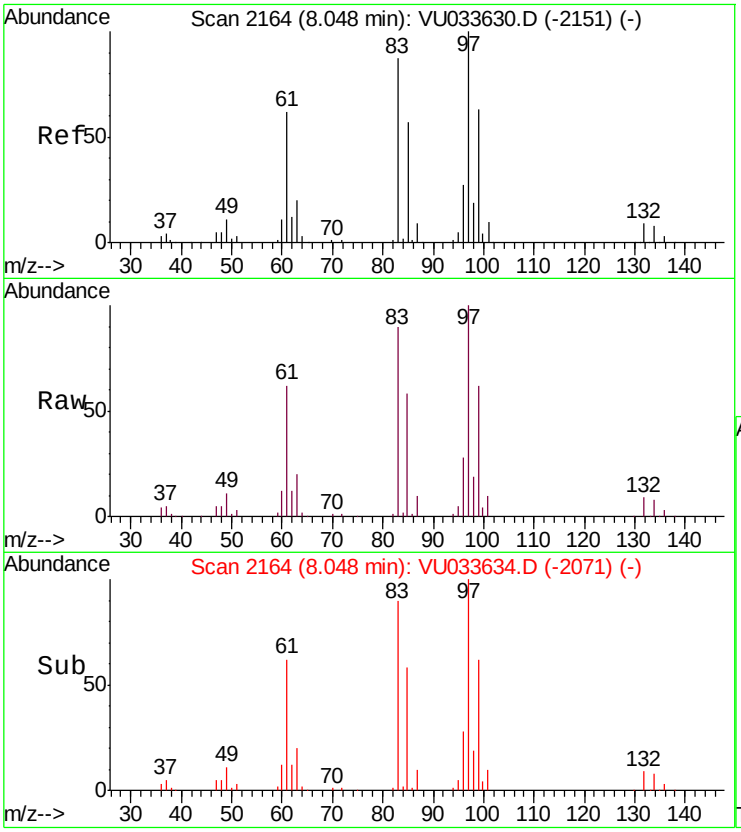


#44
trans-1,3-Dichloropropene
Concen: 50.656 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 75 Resp: 188225

Ion	Ratio	Lower	Upper
75	100		
77	31.8	22.3	41.3



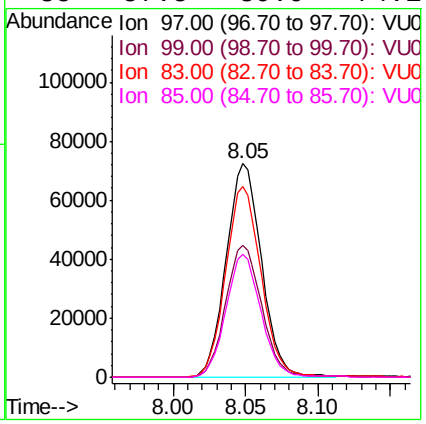


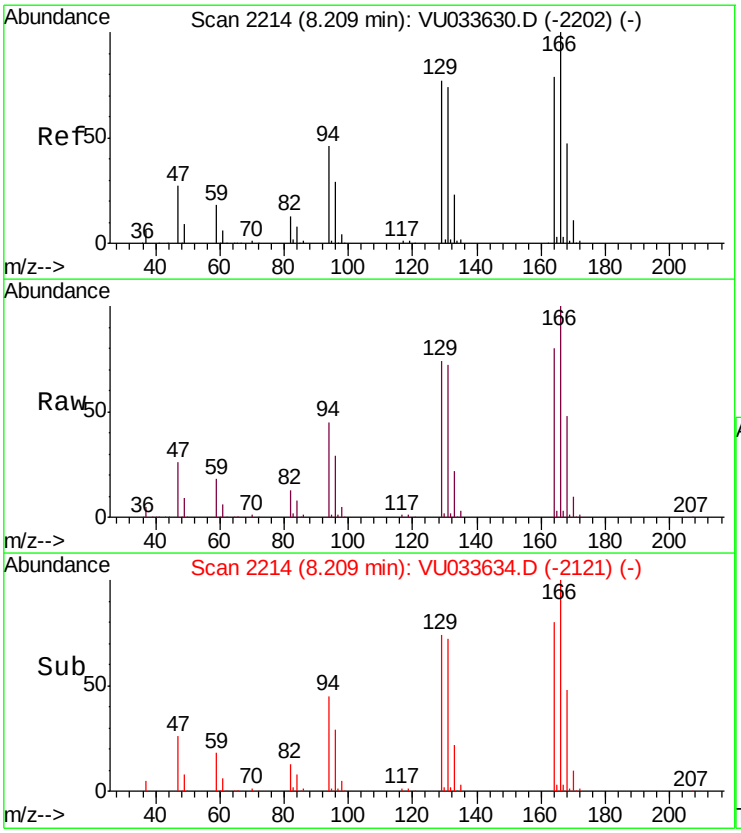
#45
1,1,2-Trichloroethane
Concen: 48.563 ug/L
RT: 8.05 min Scan# 2164
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 97 Resp: 122743

Ion	Ratio	Lower	Upper
97	100		
99	61.5	44.0	81.6
83	89.6	60.6	112.6
85	57.5	39.9	74.1

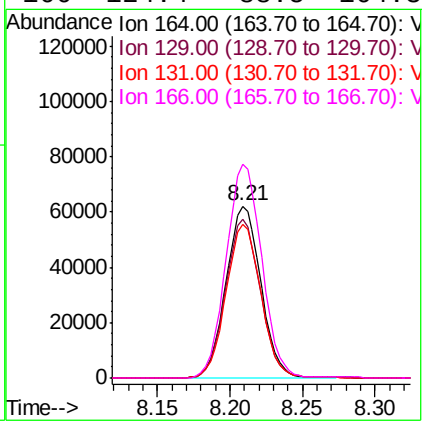


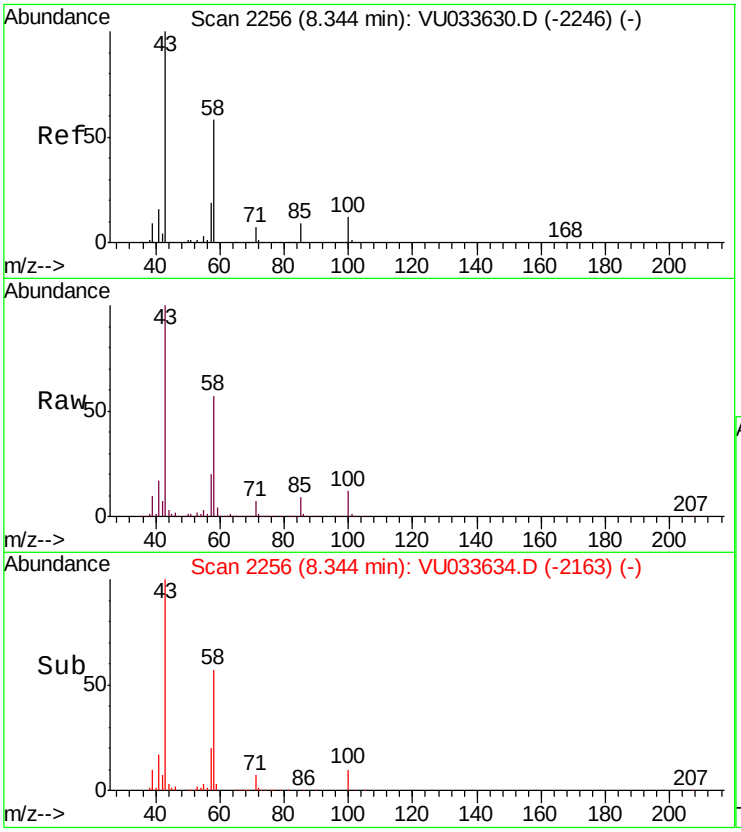


#46
Tetrachloroethene
Concen: 50.883 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:164 Resp: 103898

Ion	Ratio	Lower	Upper
164	100		
129	92.2	68.1	126.5
131	89.5	65.5	121.6
166	124.4	88.5	164.3



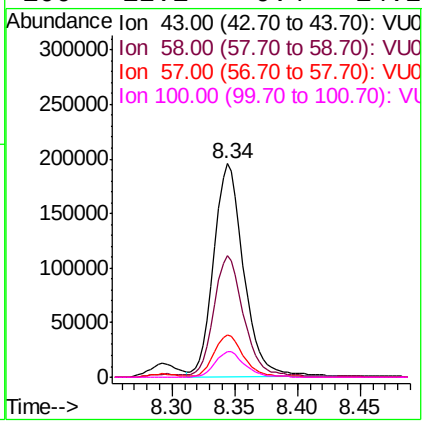


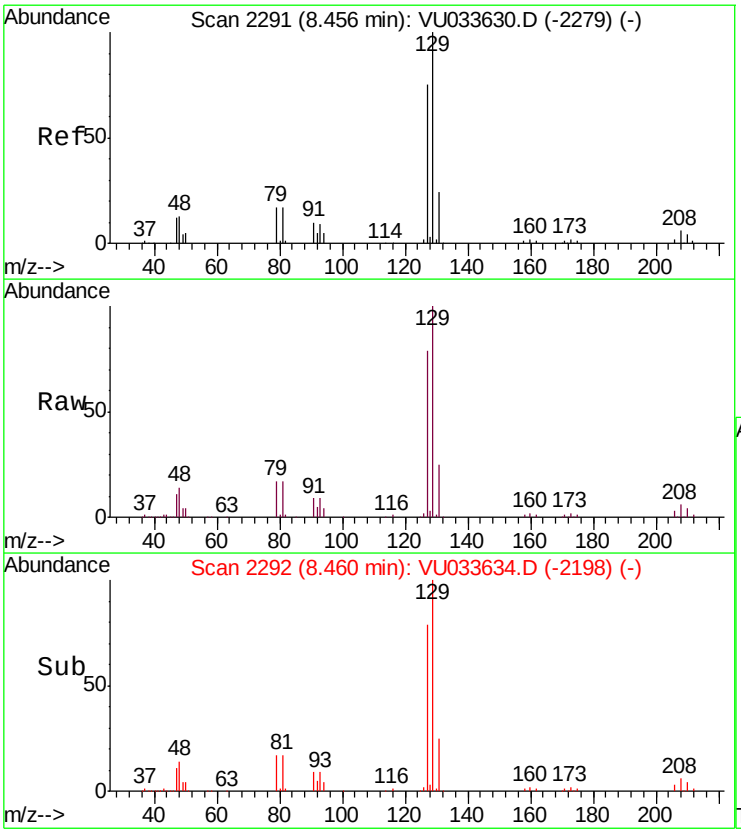
#48
2-Hexanone
Concen: 101.783 ug/L
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 43 Resp: 322857

Ion	Ratio	Lower	Upper
43	100		
58	58.0	44.8	67.2
57	19.5	15.5	23.3
100	12.1	9.4	14.2

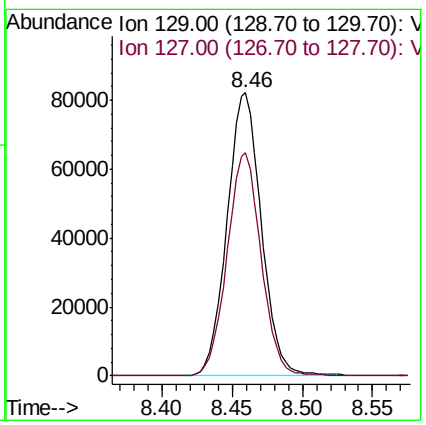


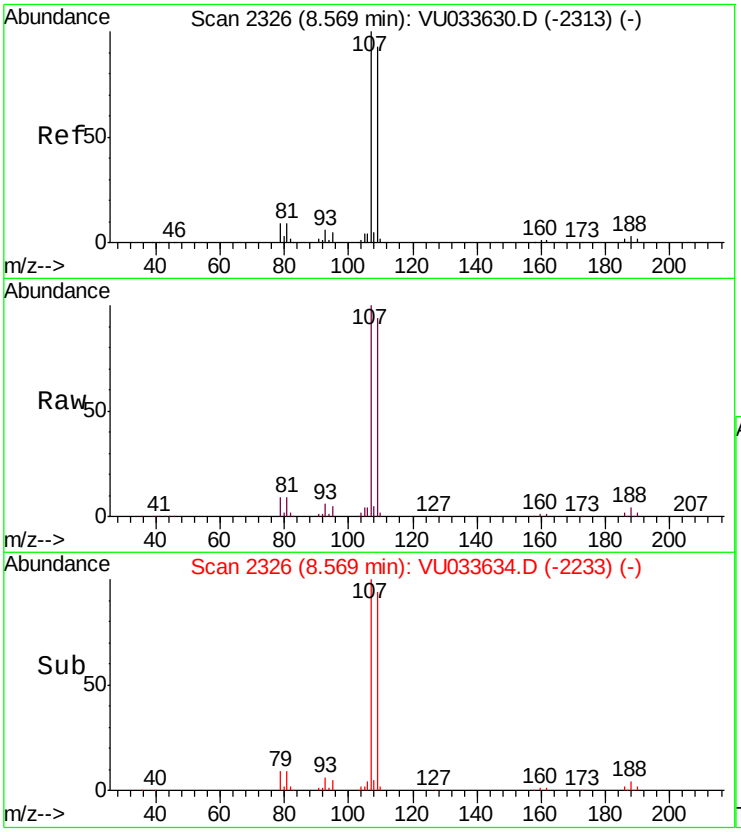


#49
Dibromochloromethane
Concen: 48.575 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:129 Resp: 139894

Ion	Ratio	Lower	Upper
129	100		
127	78.7	52.5	97.5



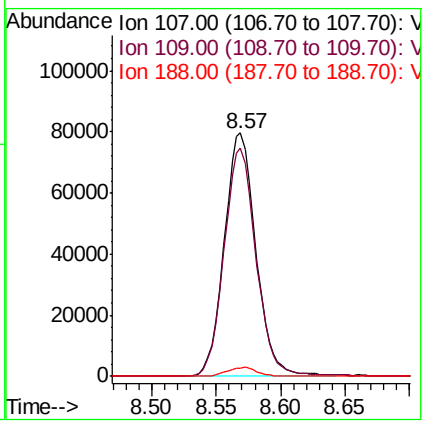


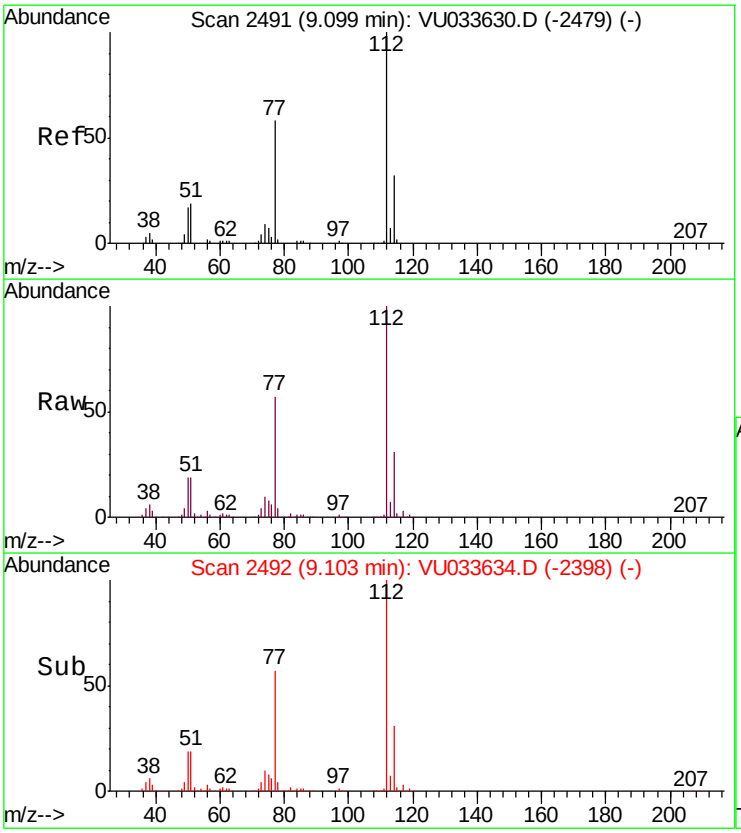
#50
1,2-Dibromoethane
Concen: 49.555 ug/L
RT: 8.57 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion:107 Resp: 135893

Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.4	121.4
188	3.6	2.6	4.0

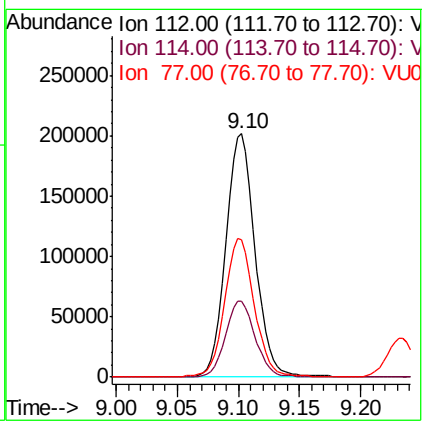


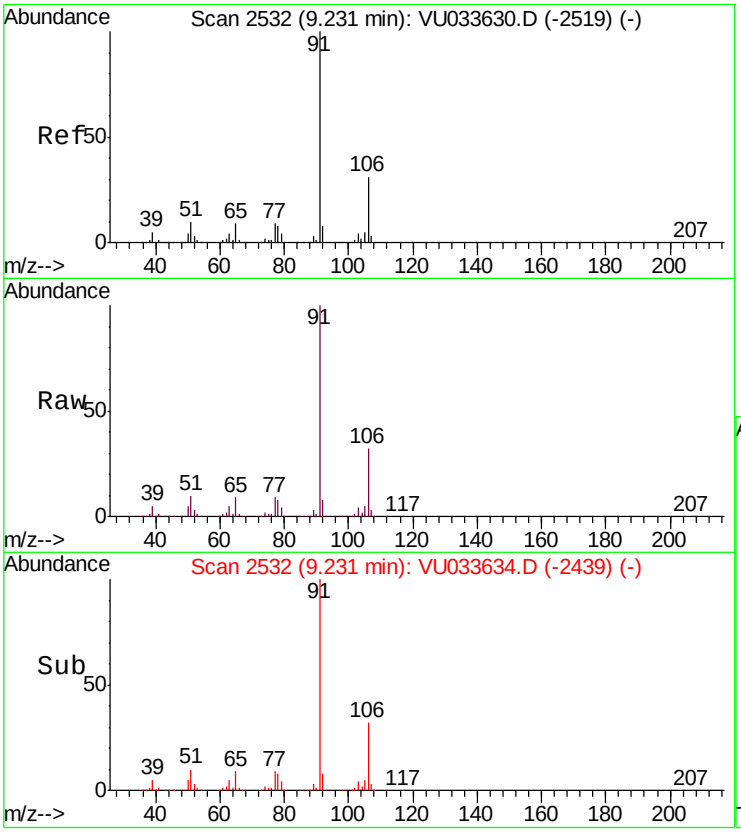


#51
Chlorobenzene
Concen: 49.263 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:112 Resp: 339051

Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.7	42.1
77	56.6	47.2	70.8



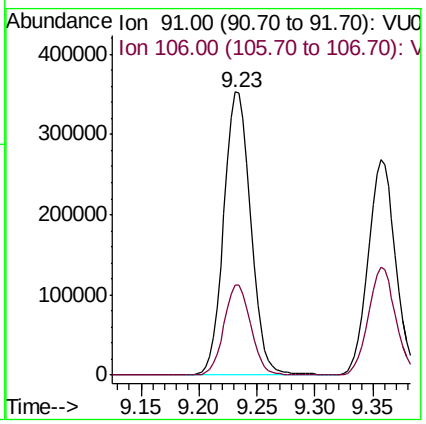


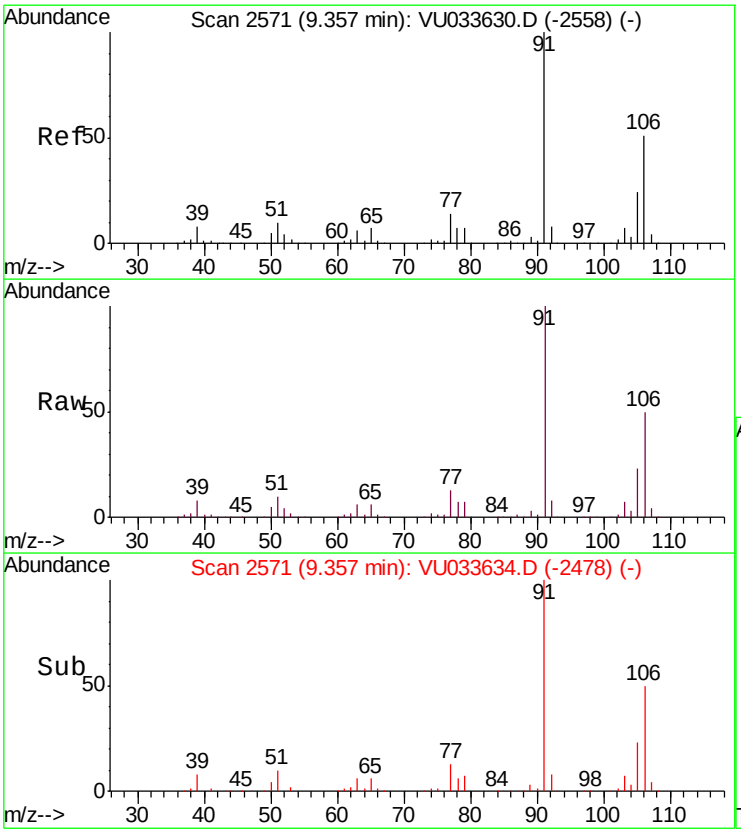
#52
Ethylbenzene
Concen: 50.577 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion: 91 Resp: 571799

Ion	Ratio	Lower	Upper
91	100		
106	31.9	21.9	40.7

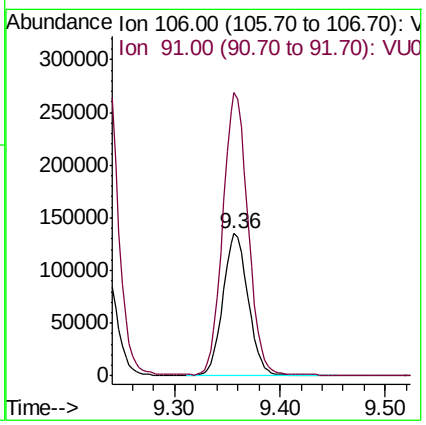


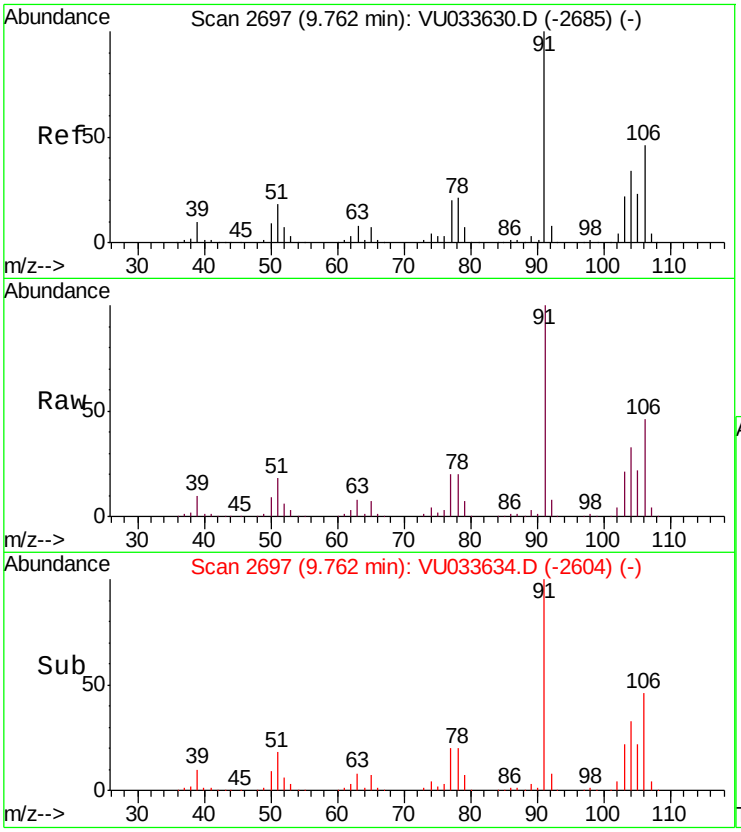


#53
m,p-Xylene
Concen: 51.813 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:106 Resp: 221985

Ion	Ratio	Lower	Upper
106	100		
91	198.9	138.5	257.3



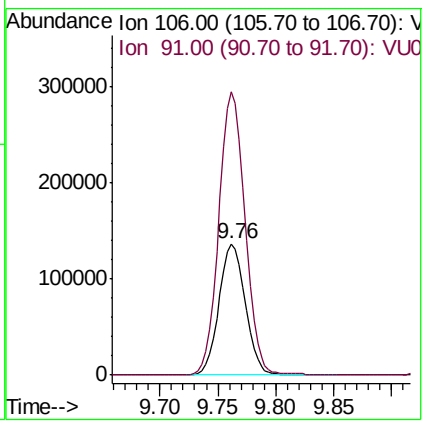


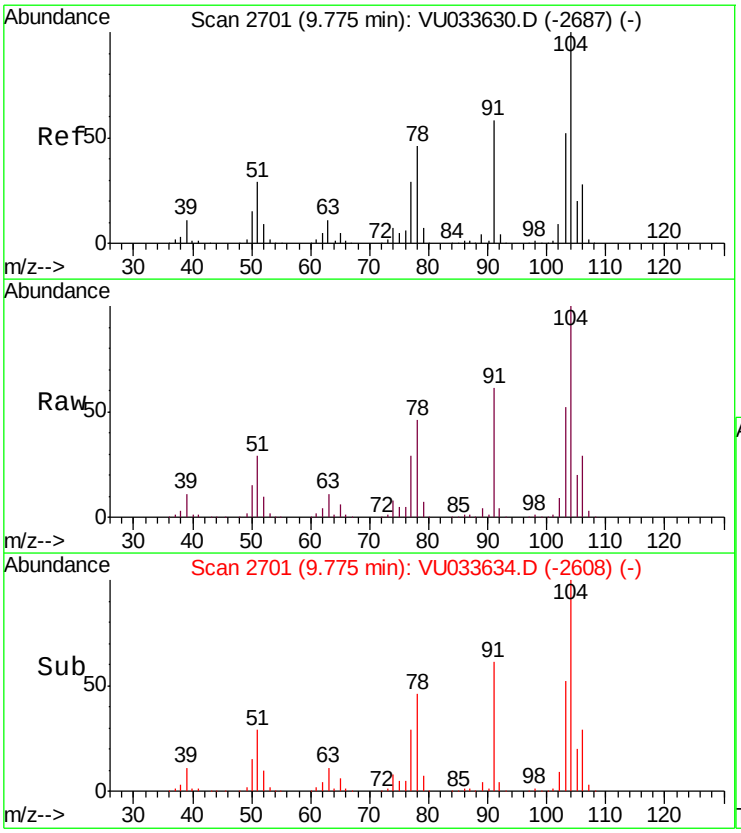
#54
o-xylene
Concen: 50.669 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:106 Resp: 215186

Ion	Ratio	Lower	Upper
106	100		
91	215.1	152.1	282.5

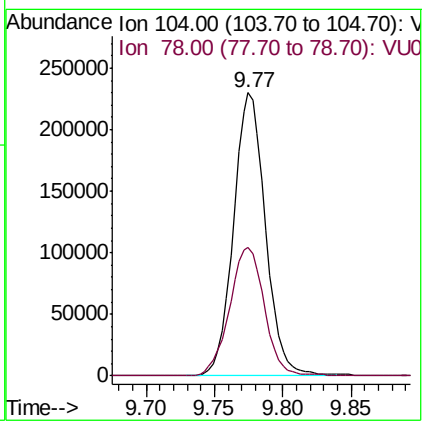


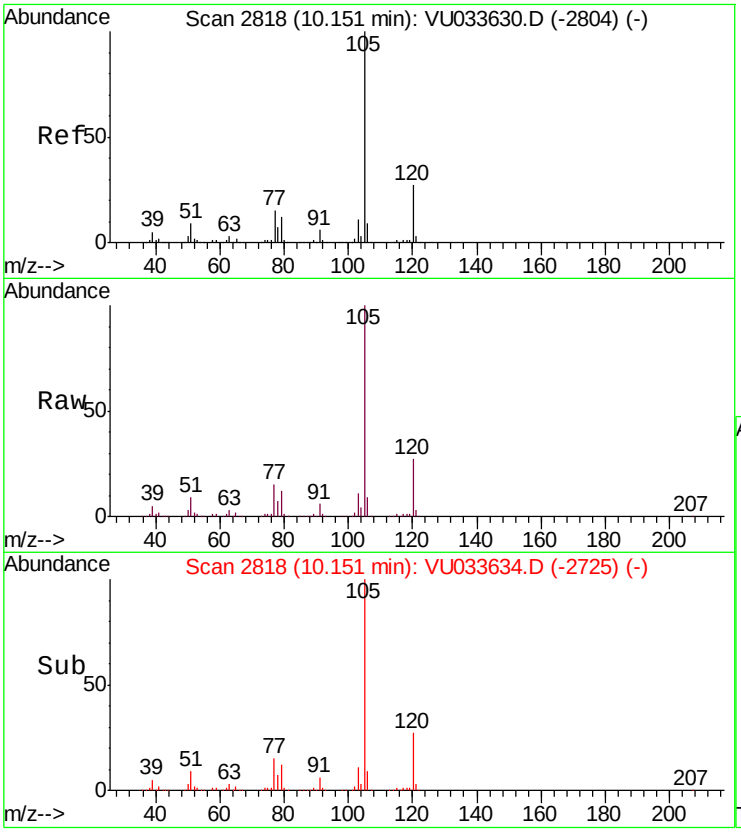


#55
Styrene
Concen: 51.587 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:104 Resp: 372765

Ion	Ratio	Lower	Upper
104	100		
78	45.6	32.3	60.1



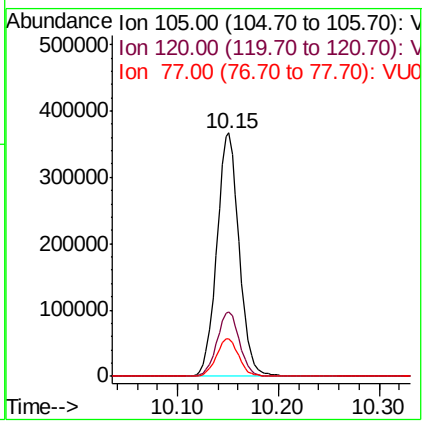


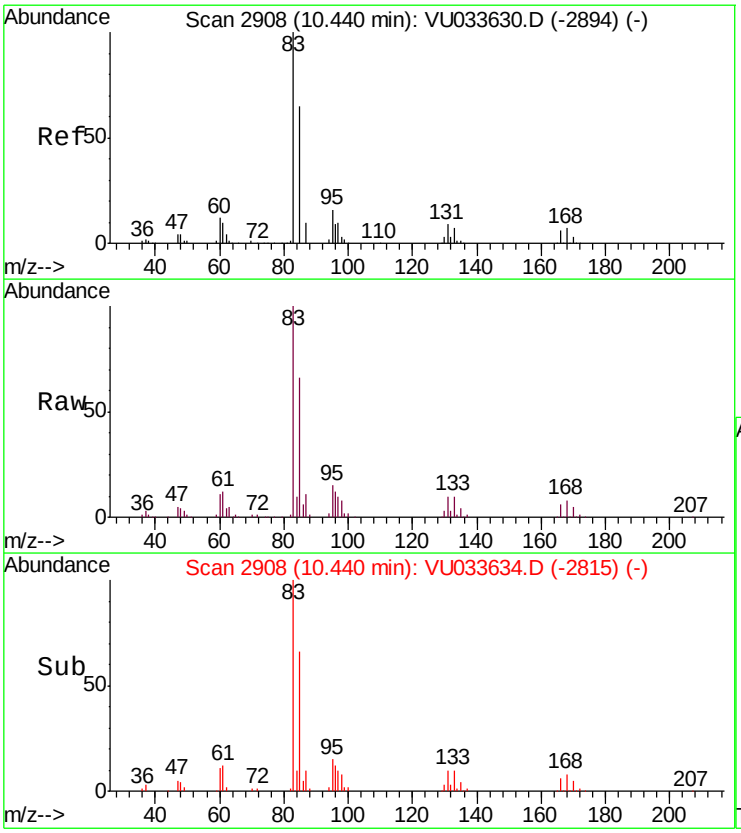
#56
Isopropylbenzene
Concen: 51.565 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:105 Resp: 564024

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.5	32.3
77	15.7	12.4	18.6

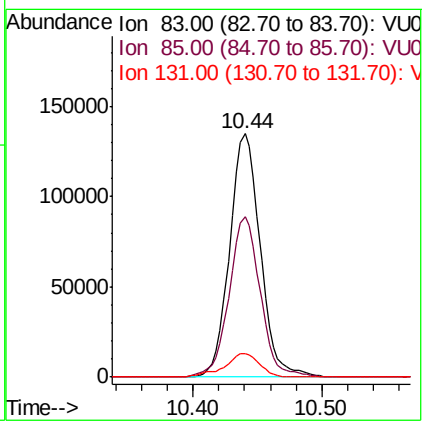


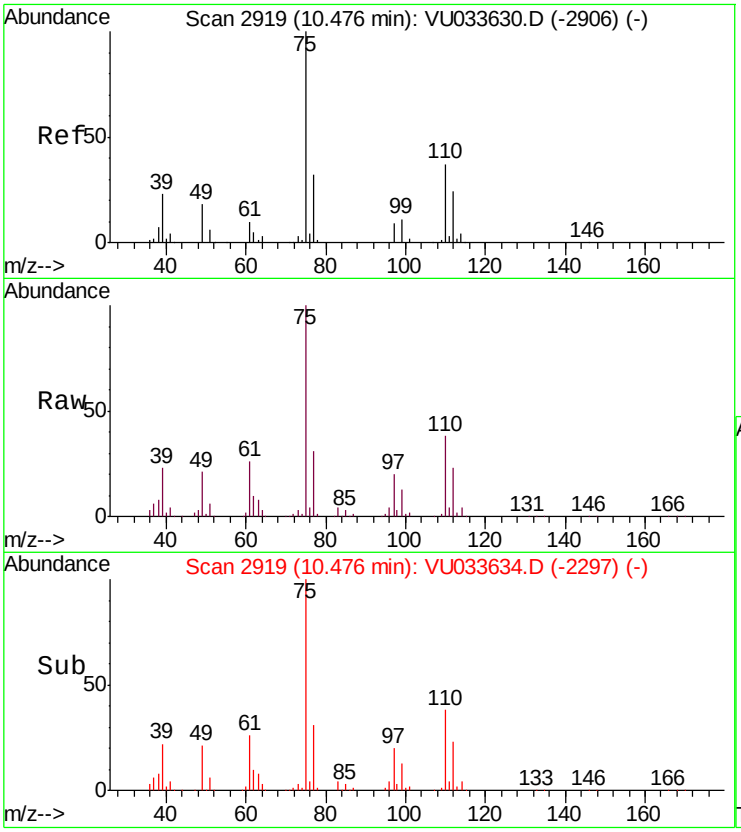


#58
1,1,2,2-Tetrachloroethane
Concen: 47.948 ug/L
RT: 10.44 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 83 Resp: 222557

Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.7	84.9
131	9.8	7.7	11.5



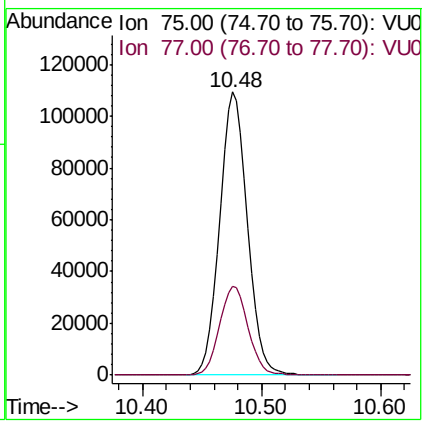


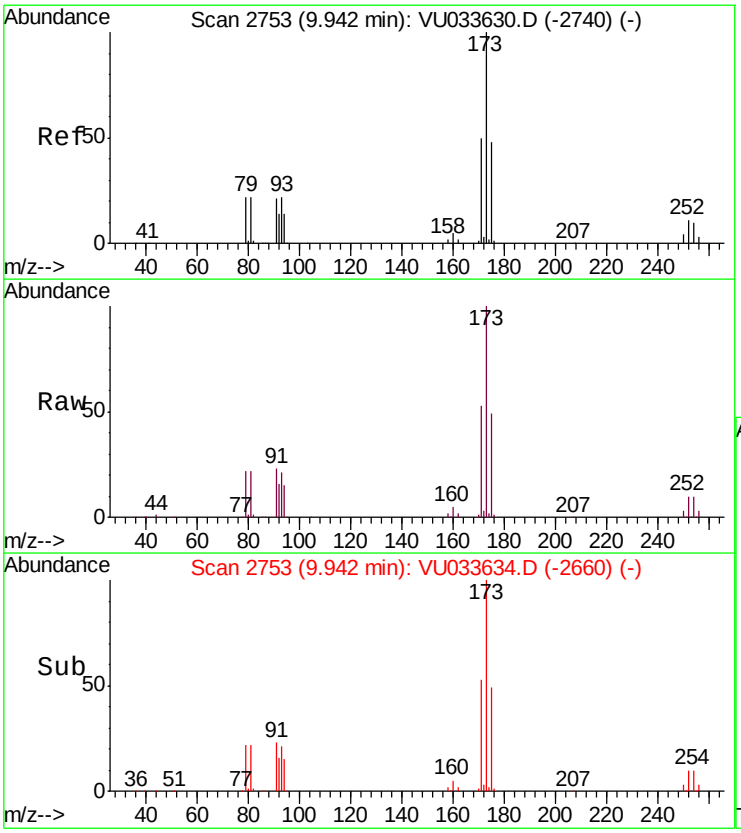
#59
1,2,3-Trichloropropane
Concen: 48.692 ug/L
RT: 10.48 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion: 75 Resp: 176323

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.5	38.3

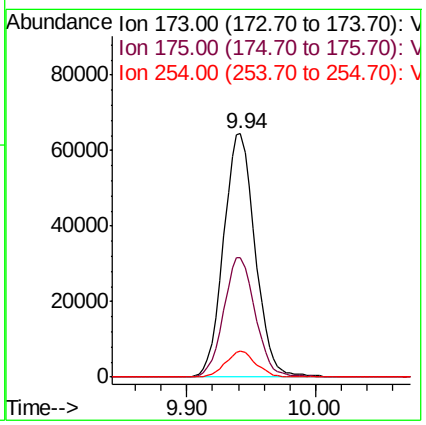


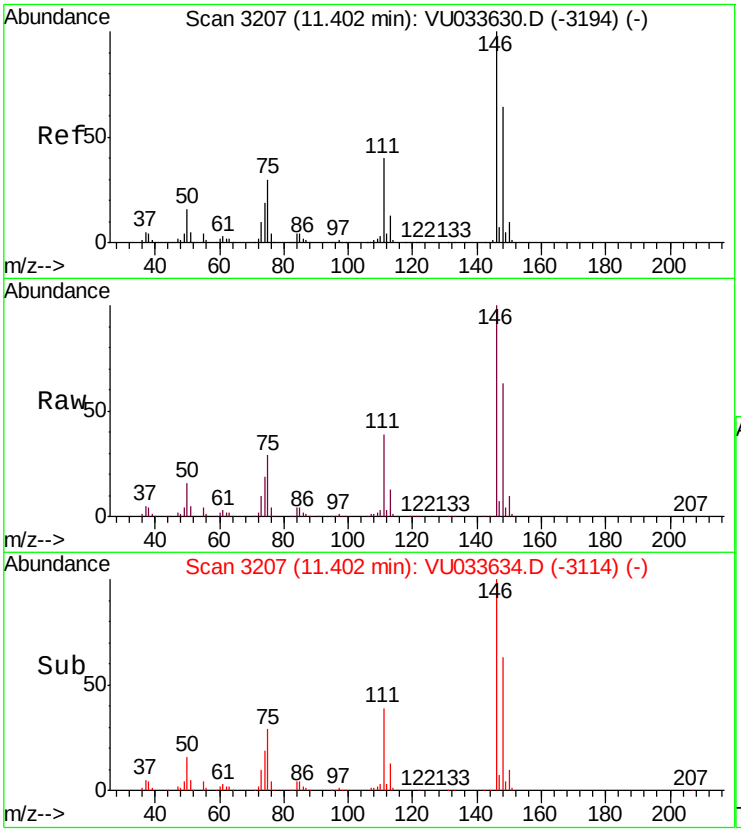


#61
Bromoform
Concen: 49.606 ug/L
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:173 Resp: 109636

Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.3	58.9
254	10.1	7.8	11.8



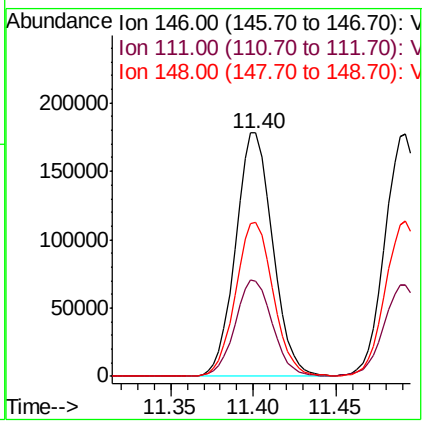


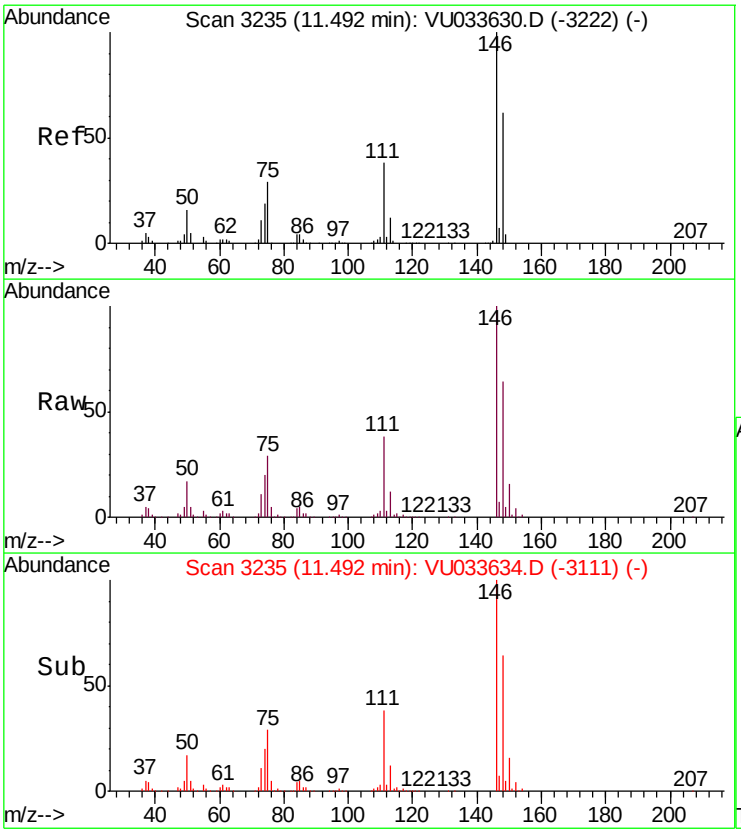
#62
1,3-Dichlorobenzene
Concen: 50.123 ug/L
RT: 11.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument : MSVOA_U
ClientSampleId : VSTD05053

Tgt Ion:146 Resp: 277599

Ion	Ratio	Lower	Upper
146	100		
111	39.3	27.9	51.9
148	63.5	44.7	82.9

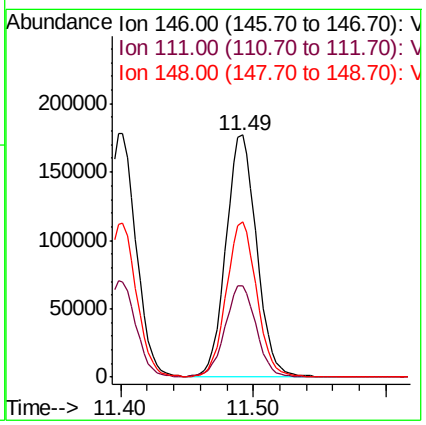


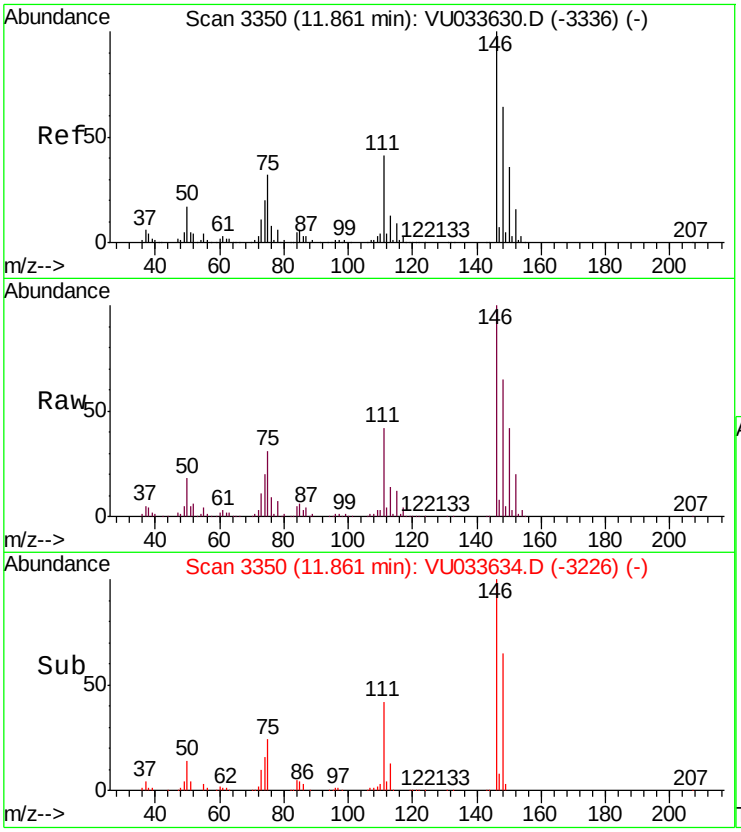


#63
1,4-Dichlorobenzene
Concen: 49.383 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:146 Resp: 282733

Ion	Ratio	Lower	Upper
146	100		
111	37.9	26.8	49.8
148	64.3	43.8	81.3



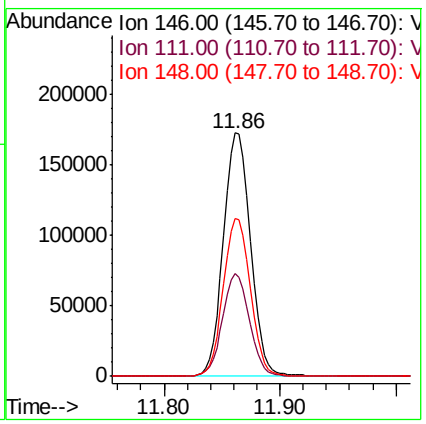


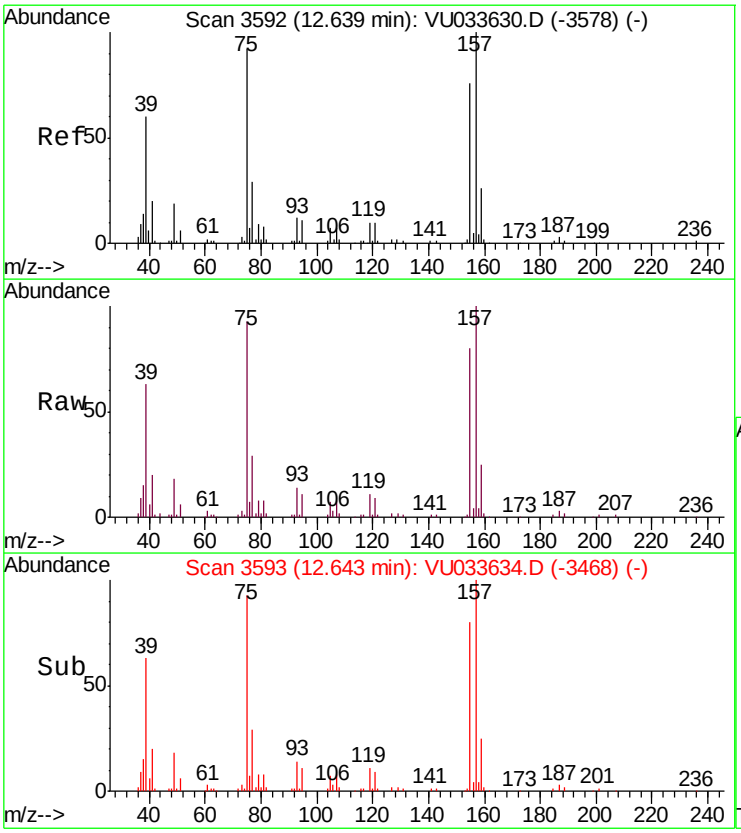
#65
1,2-Dichlorobenzene
Concen: 49.725 ug/L
RT: 11.86 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:146 Resp: 279313

Ion	Ratio	Lower	Upper
146	100		
111	42.2	33.0	49.4
148	64.9	51.0	76.4

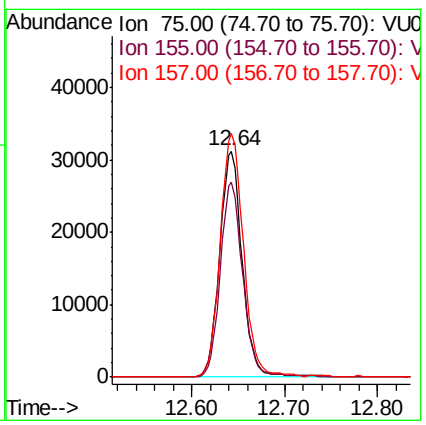


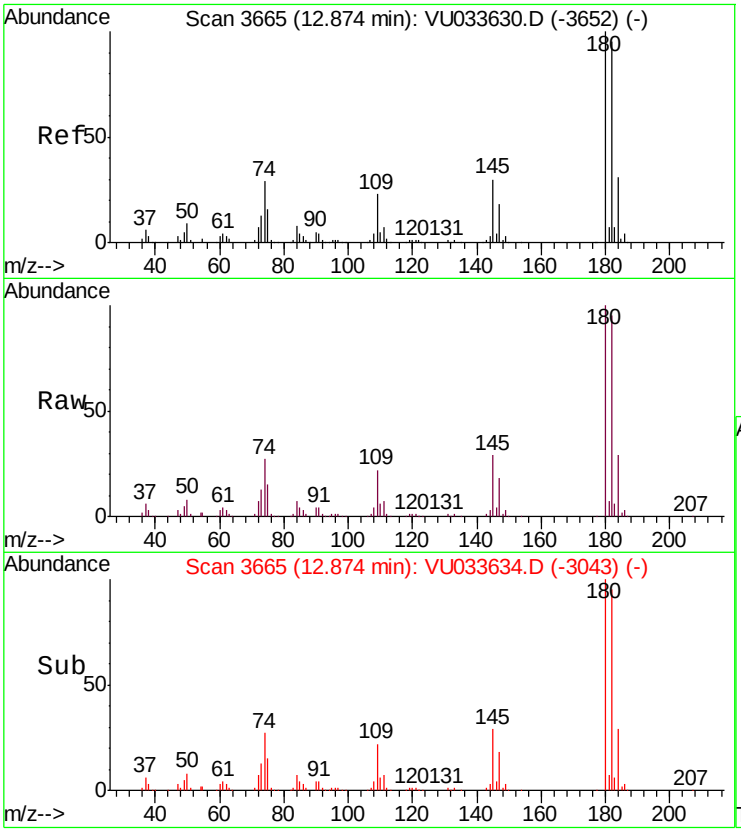


#66
1,2-Dibromo-3-chloropropane
Concen: 50.204 ug/L
RT: 12.64 min Scan# 3593
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion: 75 Resp: 52527

Ion	Ratio	Lower	Upper
75	100		
155	86.3	65.8	98.8
157	107.7	86.9	130.3



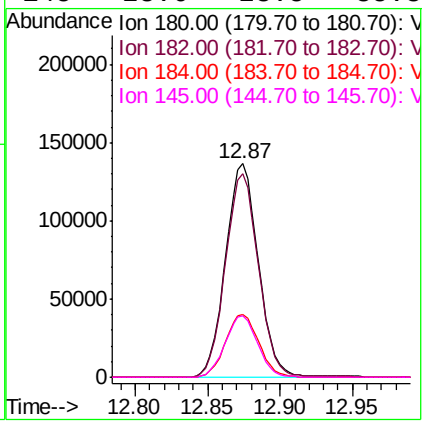


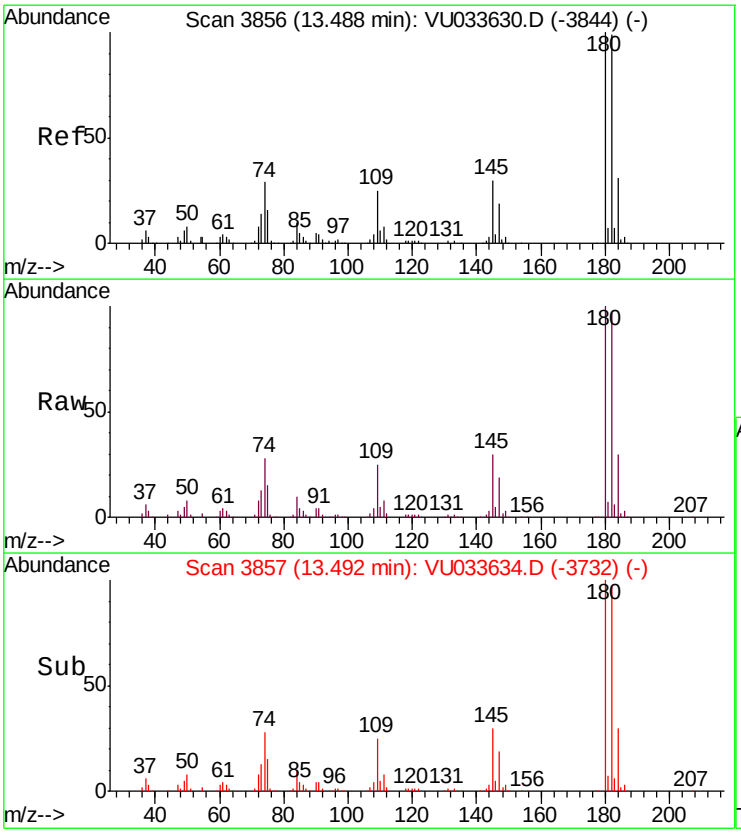
#67
1,3,5-Trichlorobenzene
Concen: 51.234 ug/L
RT: 12.87 min Scan# 3665
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:180 Resp: 214501

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.3	114.5
184	29.9	24.2	36.4
145	28.6	23.5	35.3

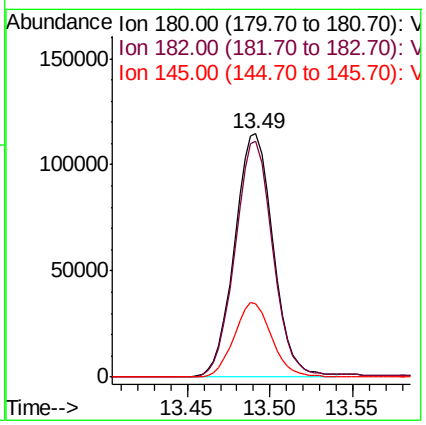


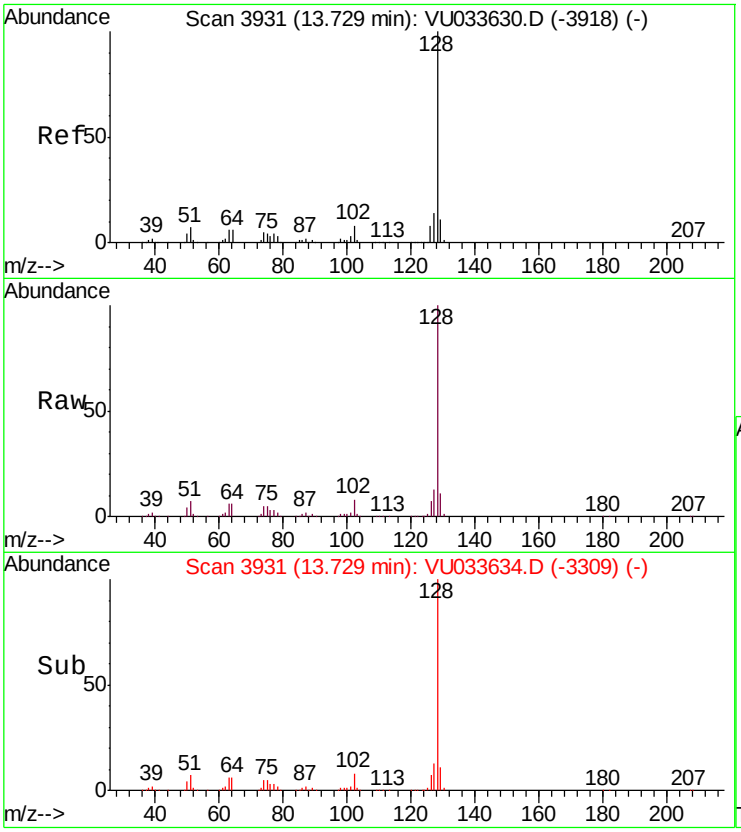


#68
1,2,4-trichlorobenzene
Concen: 53.163 ug/L
RT: 13.49 min Scan# 3857
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:180 Resp: 186049

Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.5	117.7
145	29.9	23.6	35.4



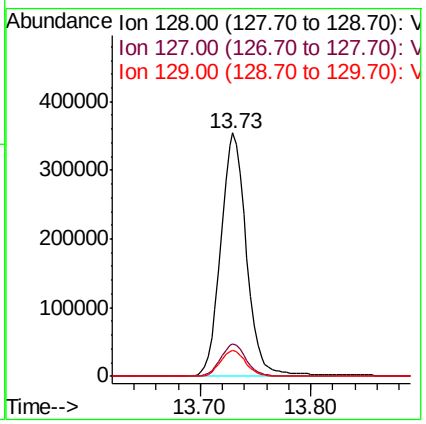


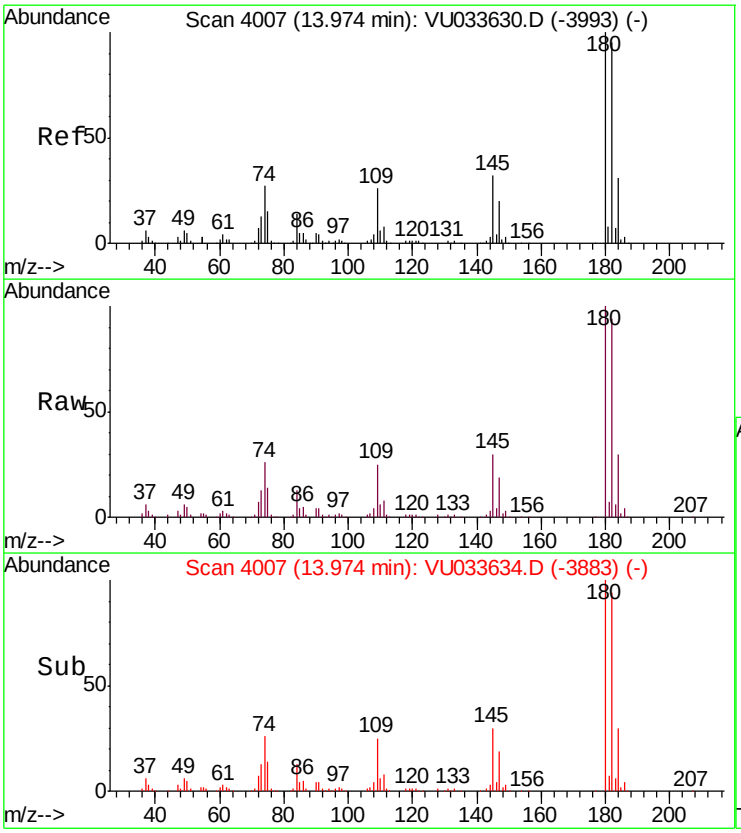
#69
Naphthalene
Concen: 56.119 ug/L
RT: 13.73 min Scan# 3931
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD05053

Tgt Ion:128 Resp: 573581

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.6	8.8	13.2





#70
1,2,3-Trichlorobenzene
Concen: 53.451 ug/L
RT: 13.97 min Scan# 4007
Delta R.T. 0.00 min
Lab File: VU033634.D
Acq: 08 Aug 2019 13:35

Tgt Ion:180 Resp: 195282

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.6	115.0
145	30.7	25.1	37.7