Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\

Quantitation Report (Not Reviewed)

Data File : VU031956.D
Acq On : 12 May 2019 20:33
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: May 13 07:06:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451658	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208894	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	170071	5.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.60%			
7) Chloroethane-d5	1.68	69	154641	6.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.80%			
11) 1,1-Dichloroethene-d2	2.27	63	328187	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	4.20	46	538286	44.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.58%			
24) Chloroform-d	4.64	84	324879	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.31	65	170190	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.33	84	609967	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
36) 1,2-Dichloropropane-d6	6.33	67	210967	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.56	98	523011	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	7.85	79	74204	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.31	63	407498	51.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	178347	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	193445	5.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	215292	4.141	ug/L	99
3) Chloromethane	1.32	50	250135	4.036	ug/L	98
5) Vinyl chloride	1.40	62	261404	4.826	ug/L	98
6) Bromomethane	1.63	94	145500	5.852	ug/L	98
8) Chloroethane	1.70	64	161837	5.425	ug/L	100
9) Trichlorofluoromethane	1.88	101	309937	4.947	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	186095	5.708	ug/L	96
12) 1,1-Dichloroethene	2.28	96	183443	5.975	ug/L	77
13) Acetone	2.34	43	359590	43.808	ug/L	82
14) Carbon disulfide	2.48	76	578433	5.352	ug/L	98
15) Methyl Acetate	2.62	43	99000	4.675	ug/L #	86
16) Methylene chloride	2.70	84	216395	5.080	ug/L	85
17) Methyl tert-butyl Ether	3.00	73	501545	5.484	ug/L #	91
18) trans-1,2-Dichloroethene	2.98	96	198125	5.987	ug/L	80
19) 1,1-Dichloroethane	3.44	63	369734	4.543	ug/L	94
21) 2-Butanone	4.28	43	578487	42.174	ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	204346	5.142	ug/L	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\

Quantitation Report (Not Reviewed)

Data File : VU031956.D
Acq On : 12 May 2019 20:33
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: May 13 07:06:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	86416	5.418	ug/L	#	75
25) Chloroform	4.67	83	358395	4.475	ug/L		97
27) 1,2-Dichloroethane	5.40	62	233276	4.413	ug/L	#	94
29) 1,1,1-Trichloroethane	4.91	97	286265	4.422	ug/L		96
30) Cyclohexane	4.99	56	297838	4.201	ug/L		90
31) Carbon tetrachloride	5.13	117	236284	4.286	ug/L		99
33) Benzene	5.38	78	800742	4.862	ug/L		100
34) Trichloroethene	6.18	95	198694	4.785	ug/L		93
35) Methylcyclohexane	6.41	83	283419	4.752	ug/L		89
37) 1,2-Dichloropropane	6.43	63	214798	4.557	ug/L	#	97
38) Bromodichloromethane	6.75	83	253391	4.513	ug/L		93
39) cis-1,3-Dichloropropene	7.27	75	261172	4.422	ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	1319683	41.601	ug/L	#	89
42) Toluene	7.63	91	844706	5.194	ug/L		96
44) trans-1,3-Dichloropropene	7.88	75	215338	4.603	ug/L		100
45) 1,1,2-Trichloroethane	8.06	97	149433	5.351	ug/L		98
47) Tetrachloroethene	8.22	164	134855	4.994	ug/L		97
48) 2-Hexanone	8.36	43	992781	44.034	ug/L	#	91
49) Dibromochloromethane	8.47	129	154799	4.766	ug/L		97
50) 1,2-Dibromoethane	8.58	107	137950	5.428	ug/L		93
51) Chlorobenzene	9.12	112	497322	5.145	ug/L		93
52) Ethylbenzene	9.25	91	837653	4.938	ug/L		97
53) m,p-Xylene	9.37	106	308431	5.108	ug/L		98
54) o-Xylene	9.77	106	308838	5.348	ug/L		95
55) Styrene	9.79	104	543707	5.486	ug/L		93
56) Isopropylbenzene	10.16	105	789376	5.105	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.45	83	187482	5.026	ug/L		99
59) 1,2,3-Trichloropropane	10.49	75	135472	4.856	ug/L		97
61) Bromoform	9.95	173	87362	5.227	ug/L		99
62) 1,3-Dichlorobenzene	11.41	146	339051	5.111	ug/L		98
63) 1,4-Dichlorobenzene	11.50	146	342989	5.098	ug/L		98
65) 1,2-Dichlorobenzene	11.88	146	348751	5.389	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.65	75	28149	4.627	ug/L	#	83
67) 1,3,5-Trichlorobenzene	12.88	180	251282	4.985	ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	187985	5.050	ug/L		97
69) Naphthalene	13.74	128	332516	5.207	ug/L		98
70) 1,2,3-Trichlorobenzene	13.98	180	195654	5.646	ug/L		97

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

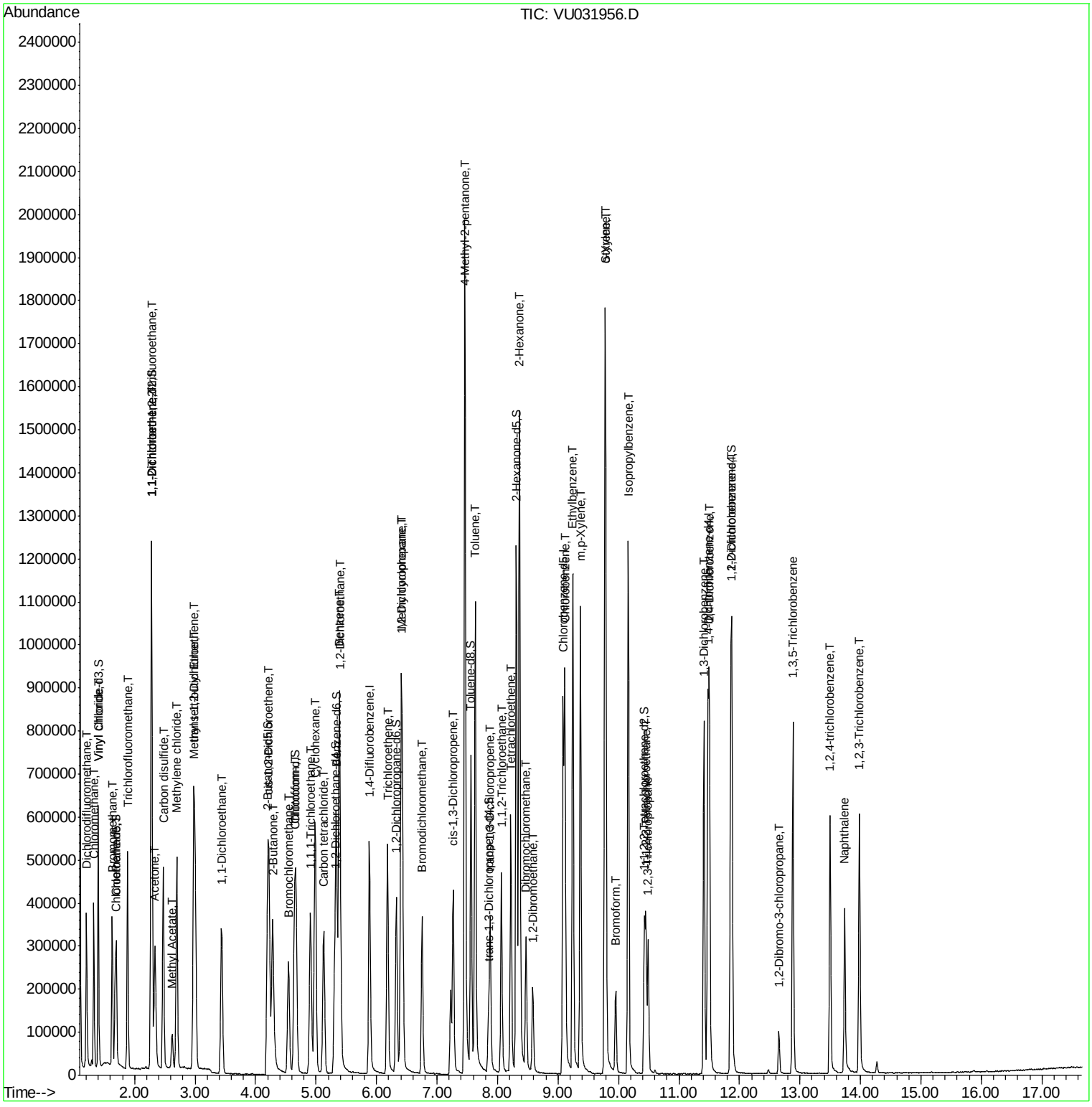
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\

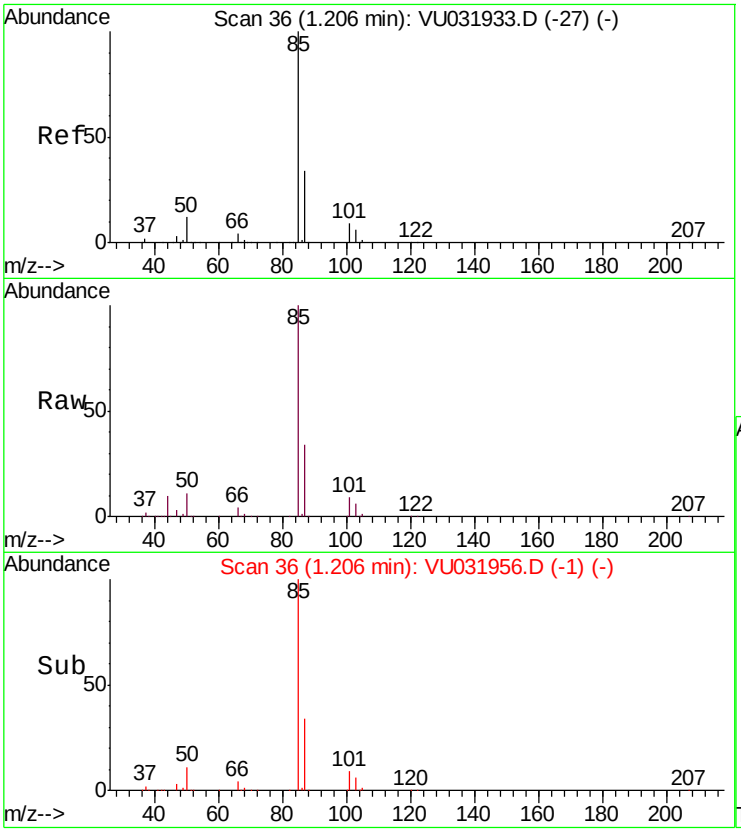
Quantitation Report (Not Reviewed)

Data File : VU031956.D
Acq On : 12 May 2019 20:33
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Quant Time: May 13 07:06:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration



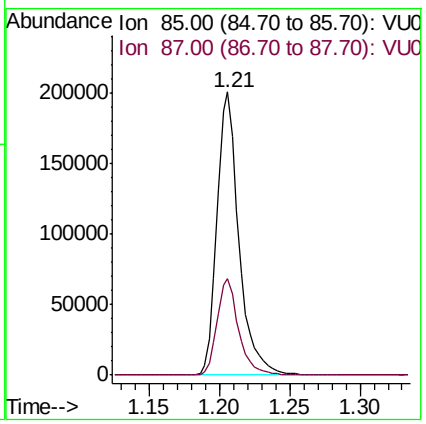


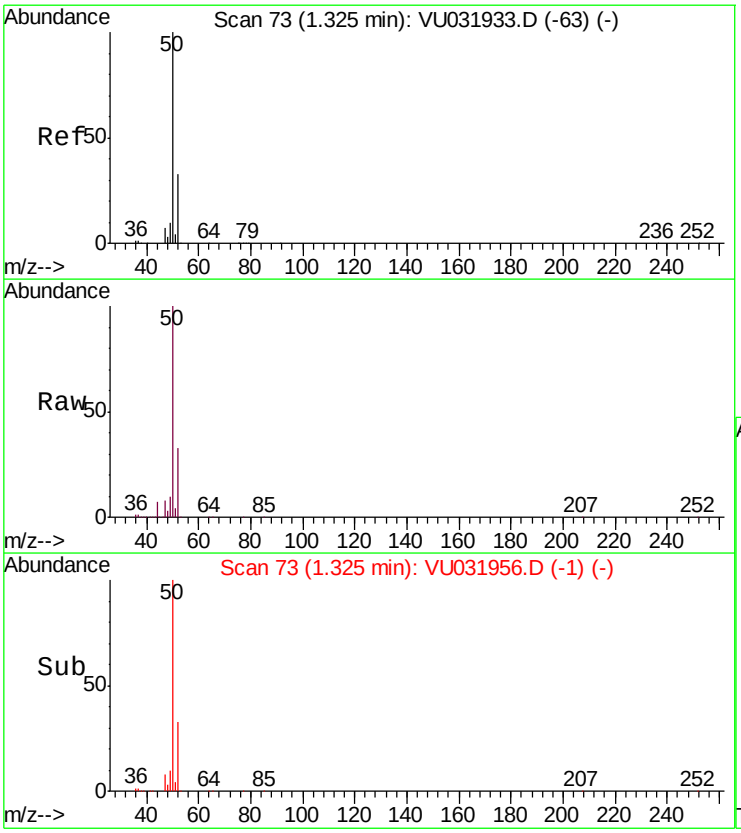
#2
Dichlorodifluoromethane
Concen: 4.141 ug/L
RT: 1.21 min Scan# 36
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 85 Resp: 215292

Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.2	39.4

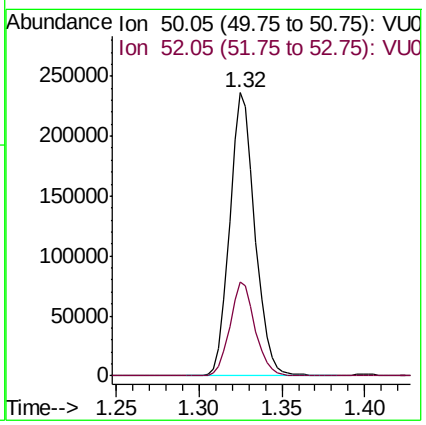


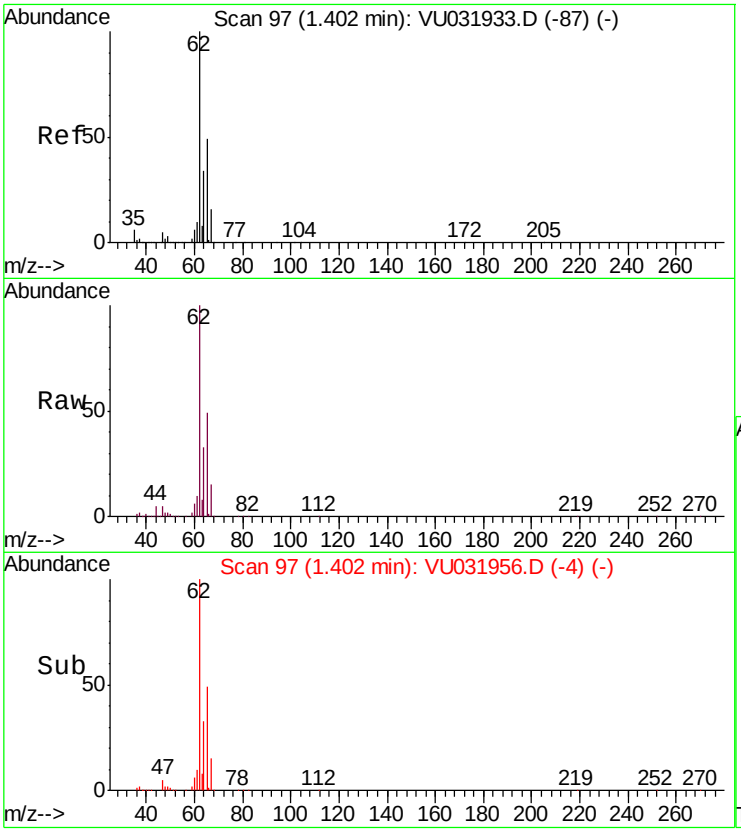


#3
Chloromethane
Concen: 4.036 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 50 Resp: 250135

Ion	Ratio	Lower	Upper
50	100		
52	33.1	22.5	41.7



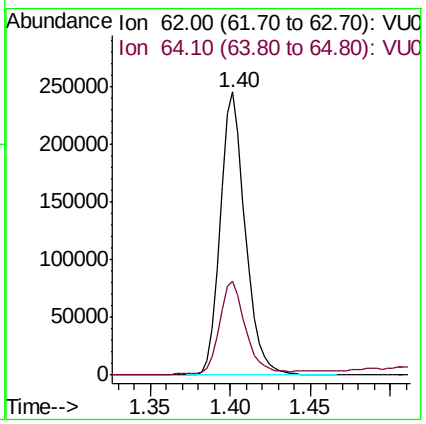


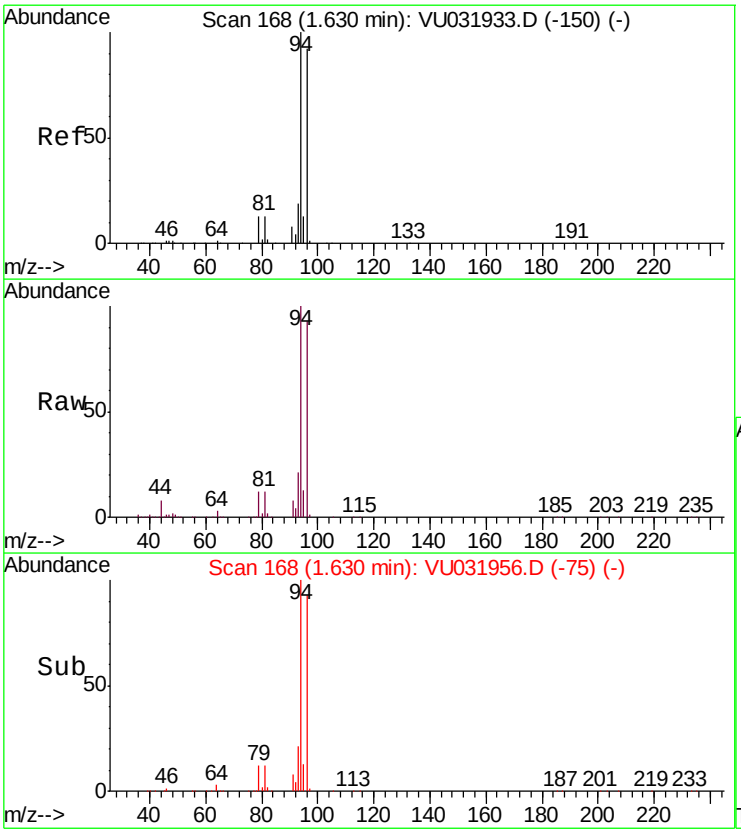
#5
Vinyl chloride
Concen: 4.826 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 62 Resp: 261404

Ion	Ratio	Lower	Upper
62	100		
64	33.3	22.5	41.9

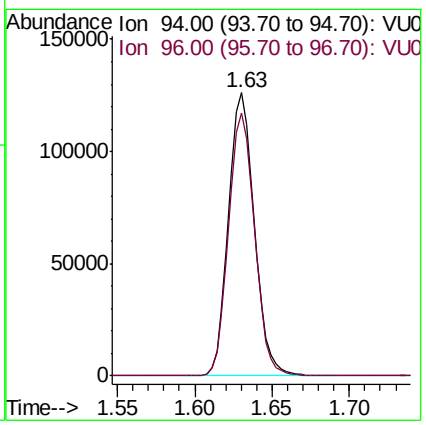


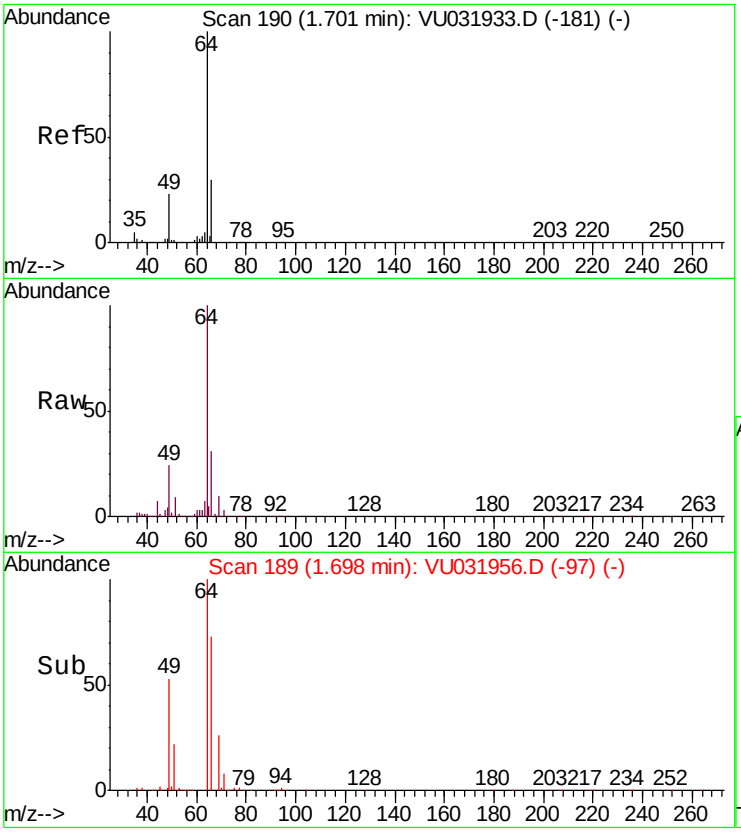


#6
Bromomethane
Concen: 5.852 ug/L
RT: 1.63 min Scan# 168
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 94 Resp: 145500

Ion	Ratio	Lower	Upper
94	100		
96	92.7	66.1	122.8



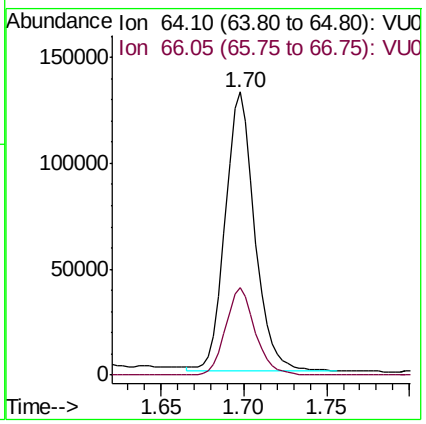


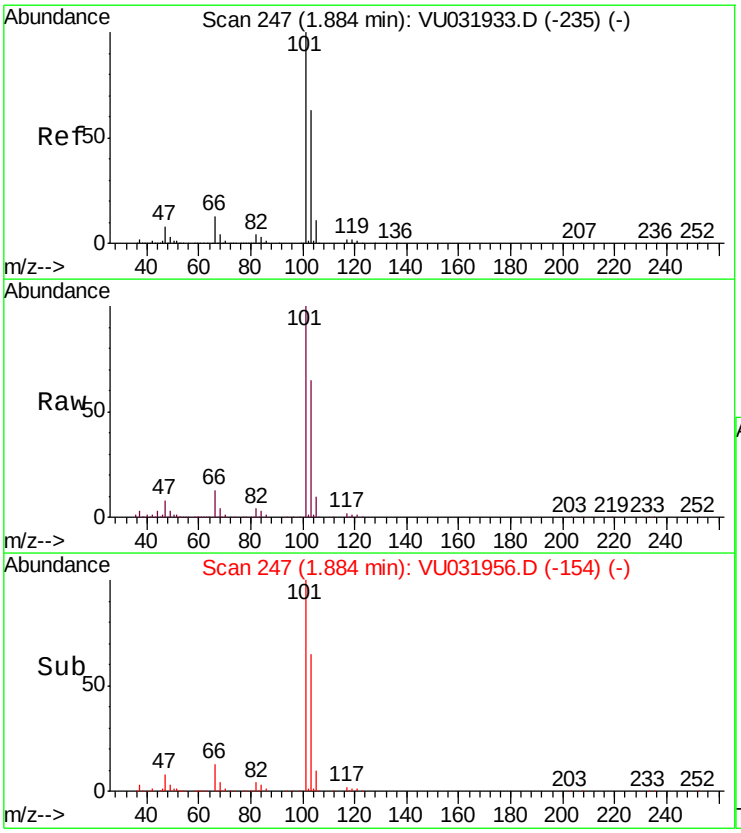
#8
Chloroethane
Concen: 5.425 ug/L
RT: 1.70 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 64 Resp: 161837

Ion	Ratio	Lower	Upper
64	100		
66	31.1	21.9	40.7

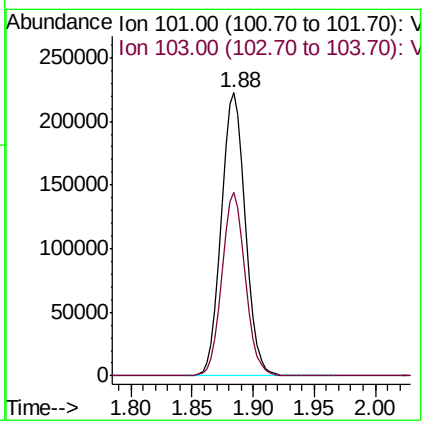


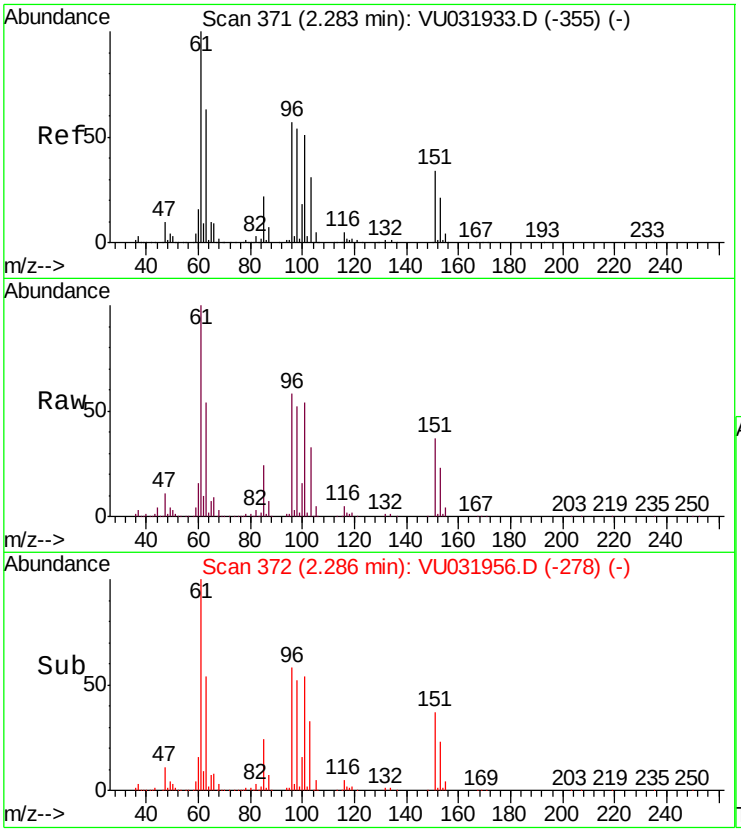


#9
Trichlorofluoromethane
Concen: 4.947 ug/L
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:101 Resp: 309937

Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.1	78.1



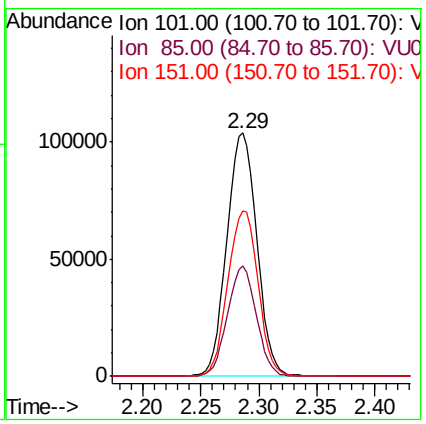


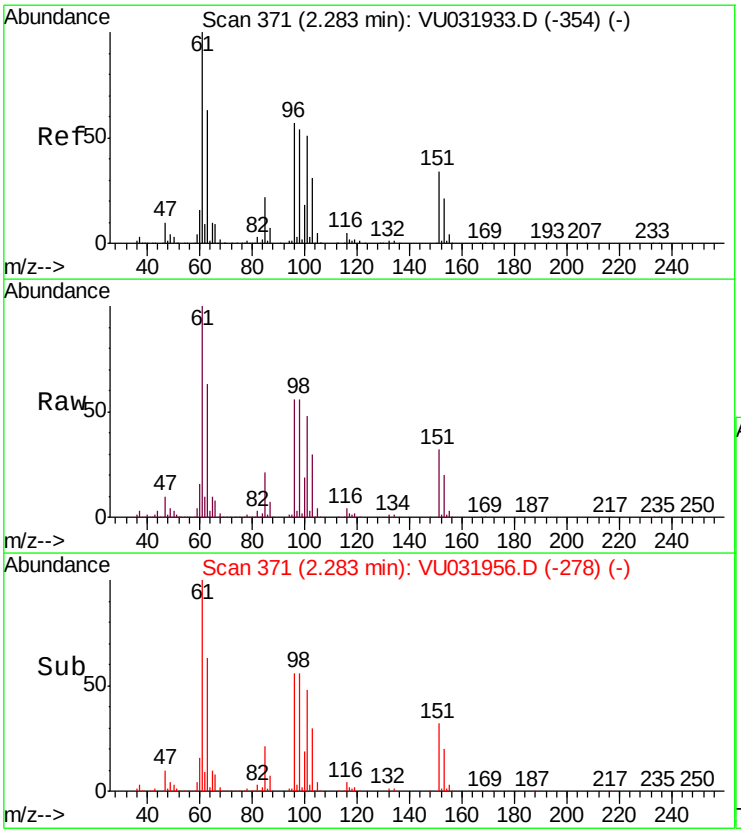
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.708 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion:101 Resp: 186095

Ion	Ratio	Lower	Upper
101	100		
85	43.4	40.0	60.0
151	68.2	54.6	82.0

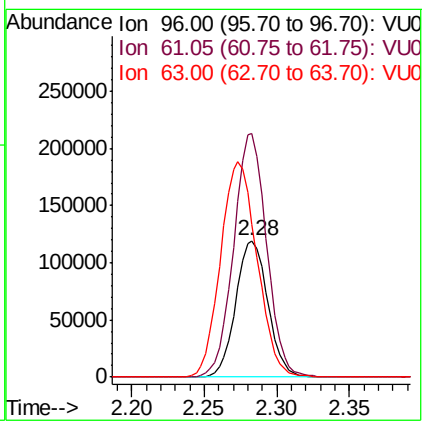


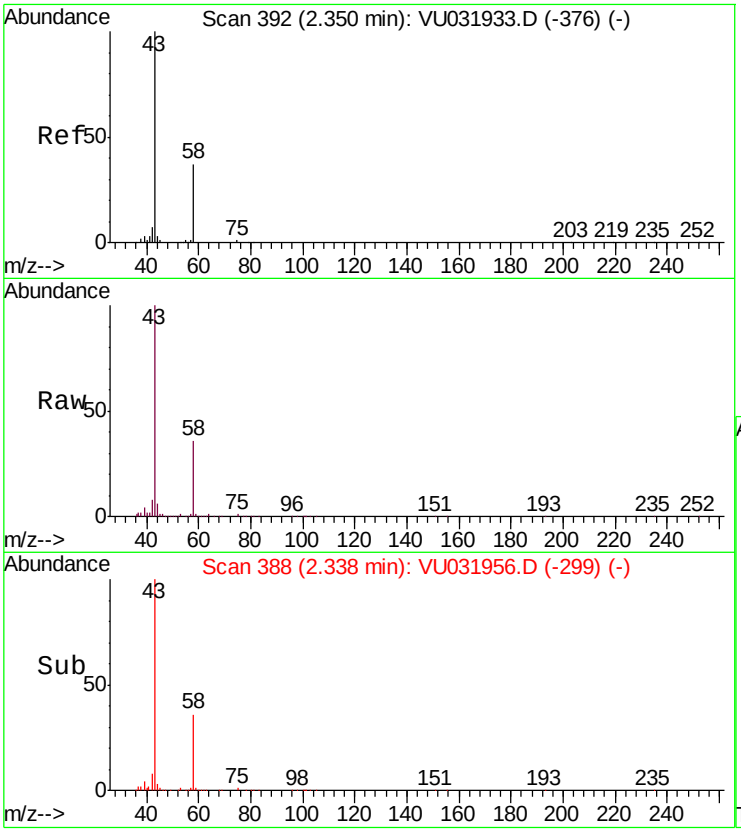


#12
1,1-Dichloroethene
Concen: 5.975 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 96 Resp: 183443

Ion	Ratio	Lower	Upper
96	100		
61	178.2	149.0	276.6
63	111.8	99.8	185.4



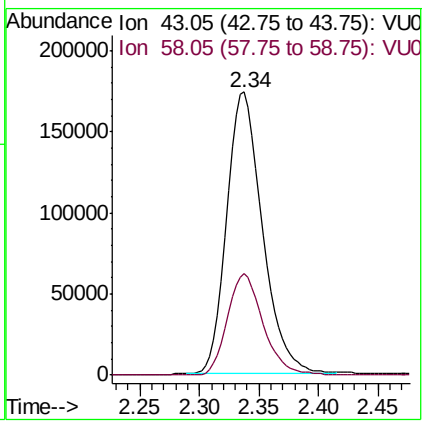


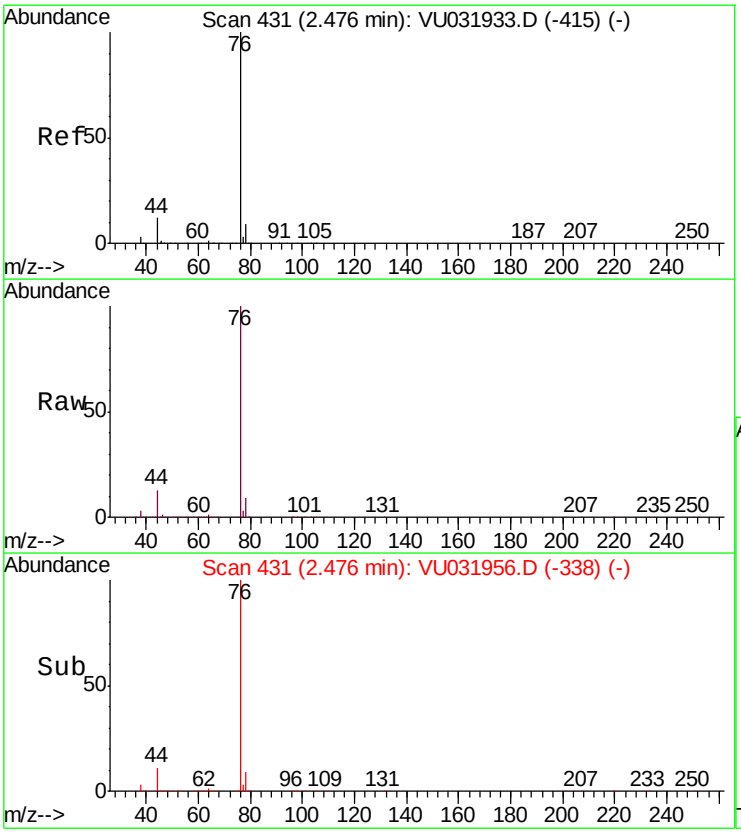
#13
Acetone
Concen: 43.808 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion: 43 Resp: 359590

Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	53.6

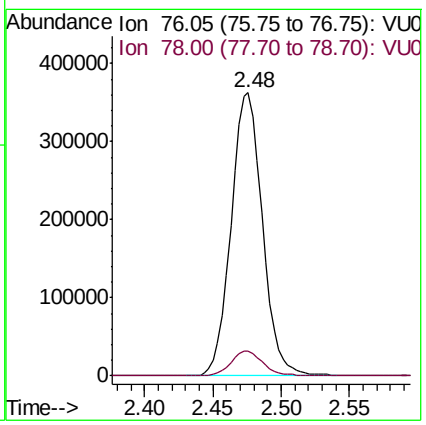


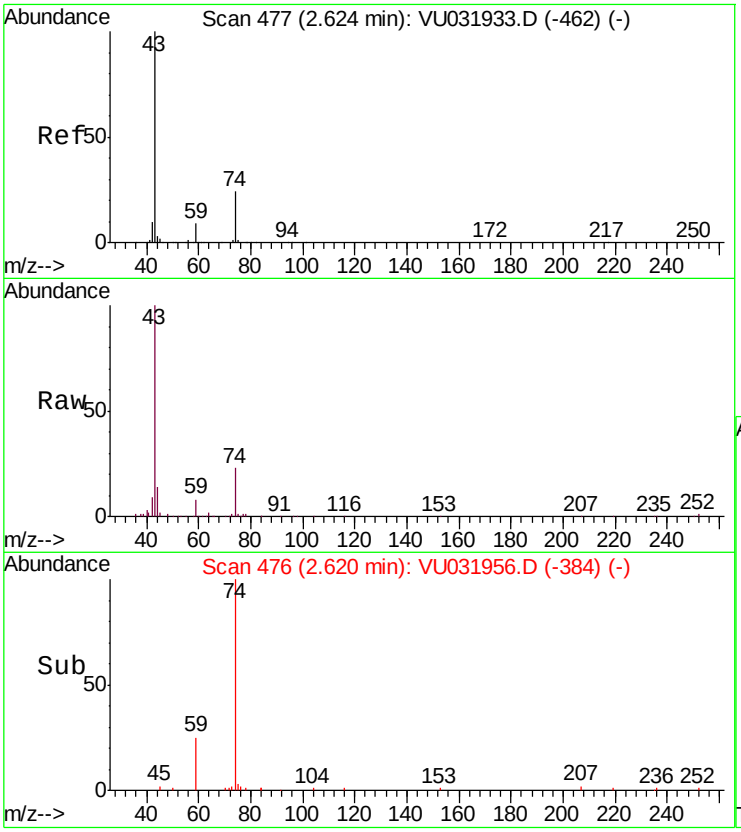


#14
Carbon disulfide
Concen: 5.352 ug/L
RT: 2.48 min Scan# 431
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 76 Resp: 578433

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3



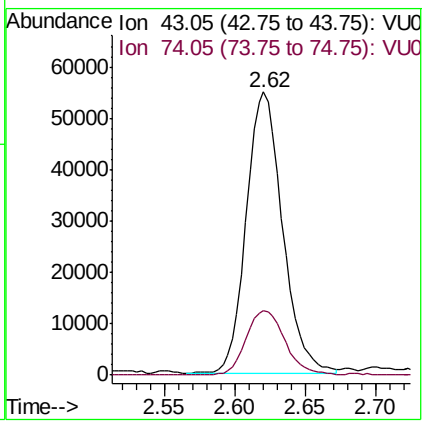


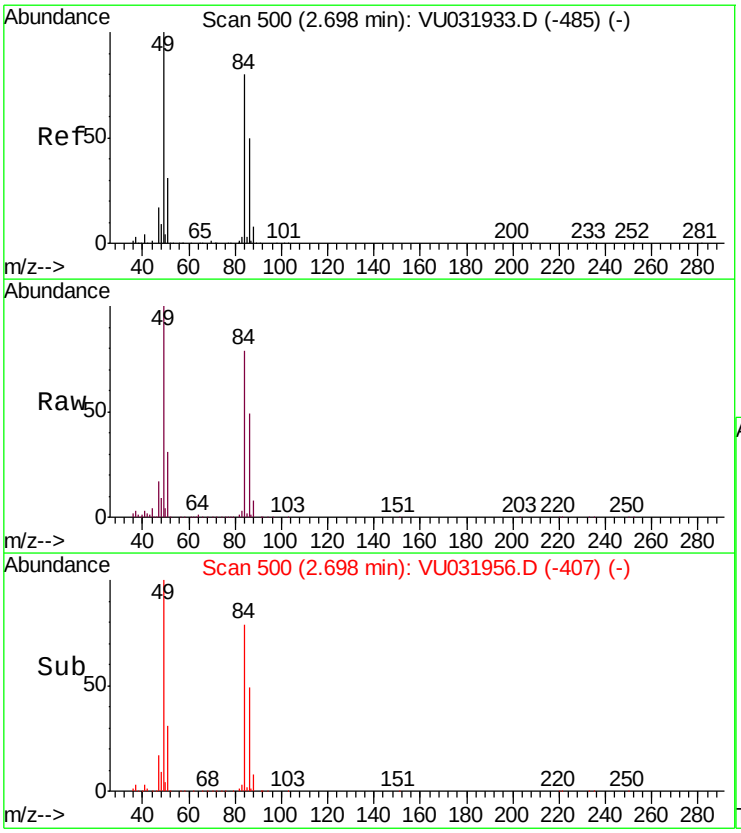
#15
Methyl Acetate
Concen: 4.675 ug/L
RT: 2.62 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 43 Resp: 99000

Ion	Ratio	Lower	Upper
43	100		
74	24.6	14.7	22.1#

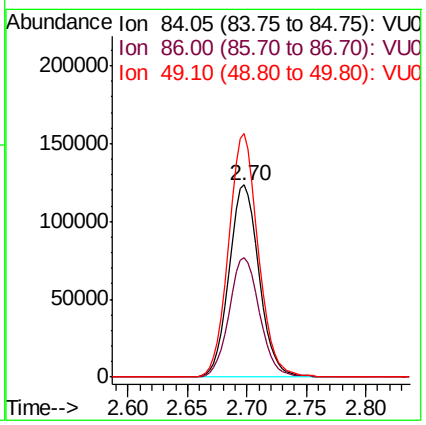


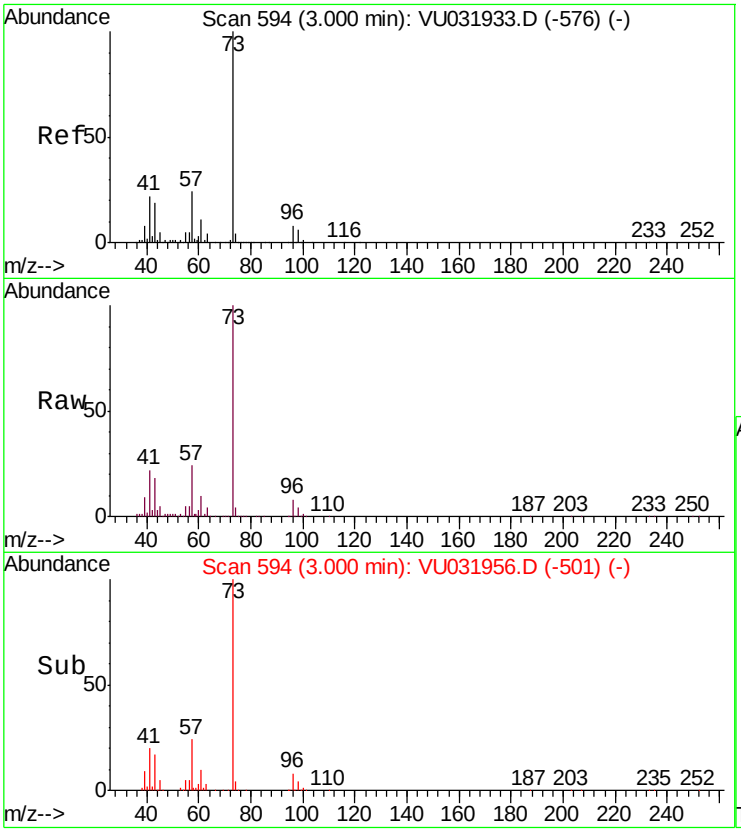


#16
Methylene chloride
Concen: 5.080 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 84 Resp: 216395

Ion	Ratio	Lower	Upper
84	100		
86	61.9	45.6	84.8
49	126.7	106.7	198.1



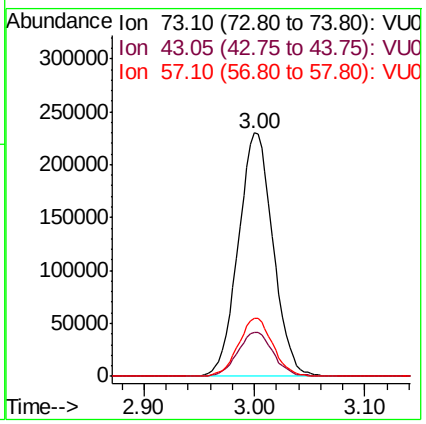


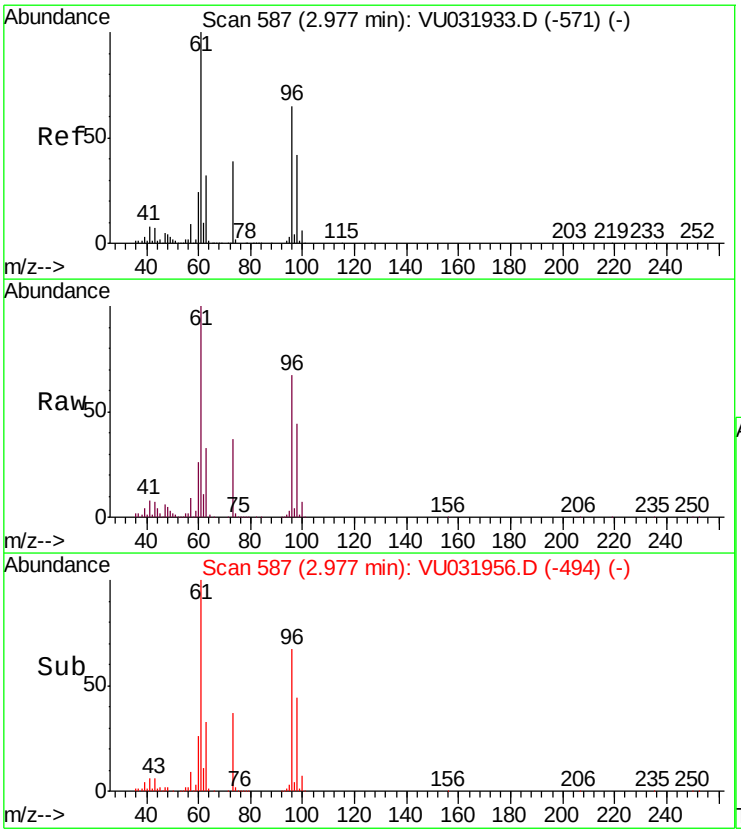
#17
Methyl tert-butyl Ether
Concen: 5.484 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion: 73 Resp: 501545

Ion	Ratio	Lower	Upper
73	100		
43	17.9	20.5	30.7#
57	23.6	19.9	29.9

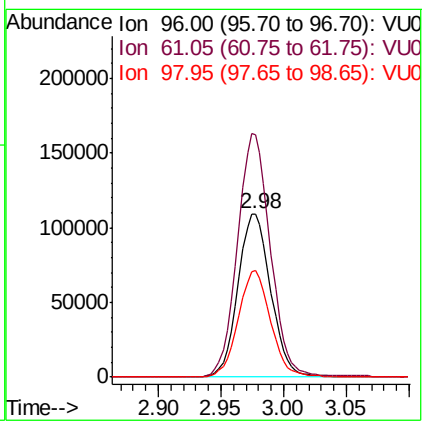


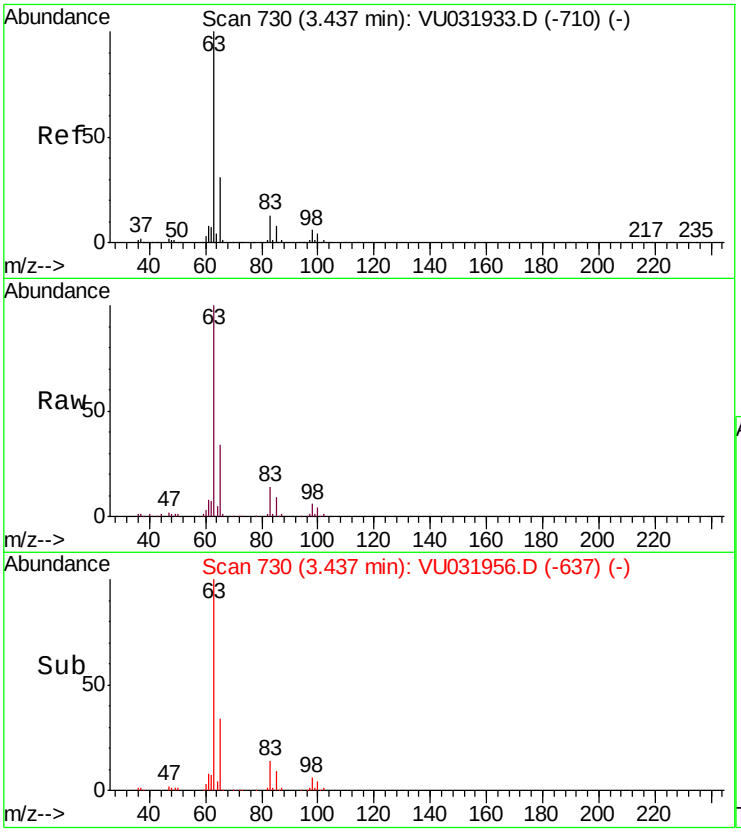


#18
trans-1,2-Dichloroethene
Concen: 5.987 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 96 Resp: 198125

Ion	Ratio	Lower	Upper
96	100		
61	148.5	130.9	243.1
98	65.1	46.2	85.8



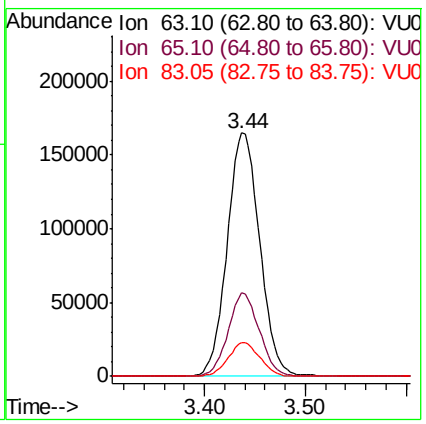


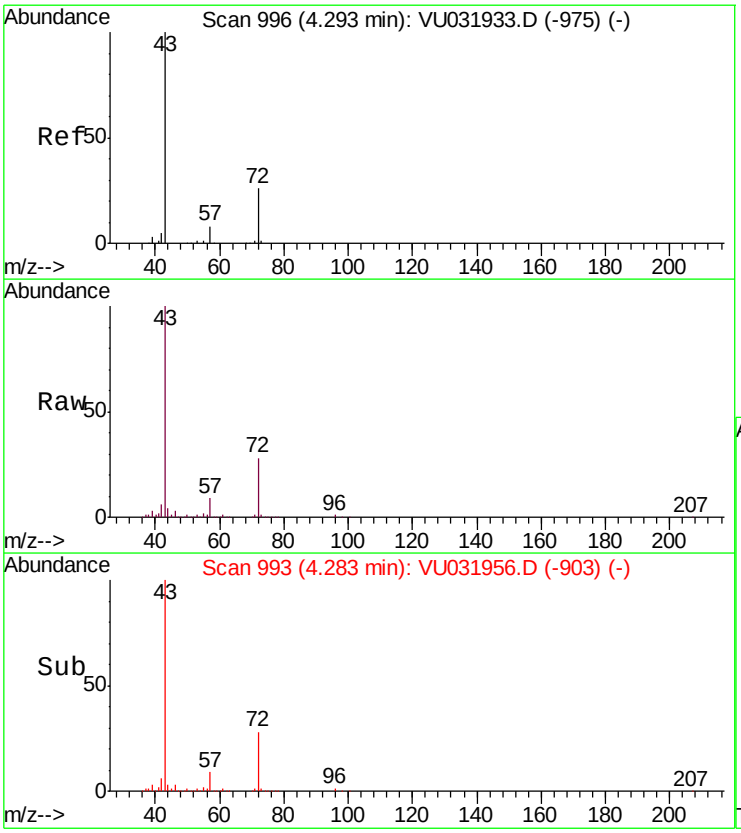
#19
1,1-Dichloroethane
Concen: 4.543 ug/L
RT: 3.44 min Scan# 730
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 63 Resp: 369734

Ion	Ratio	Lower	Upper
63	100		
65	34.1	21.8	40.4
83	13.8	7.9	14.7

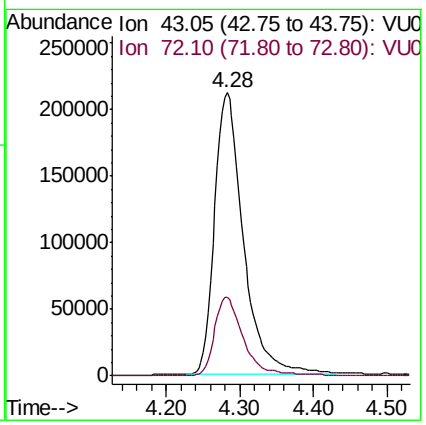


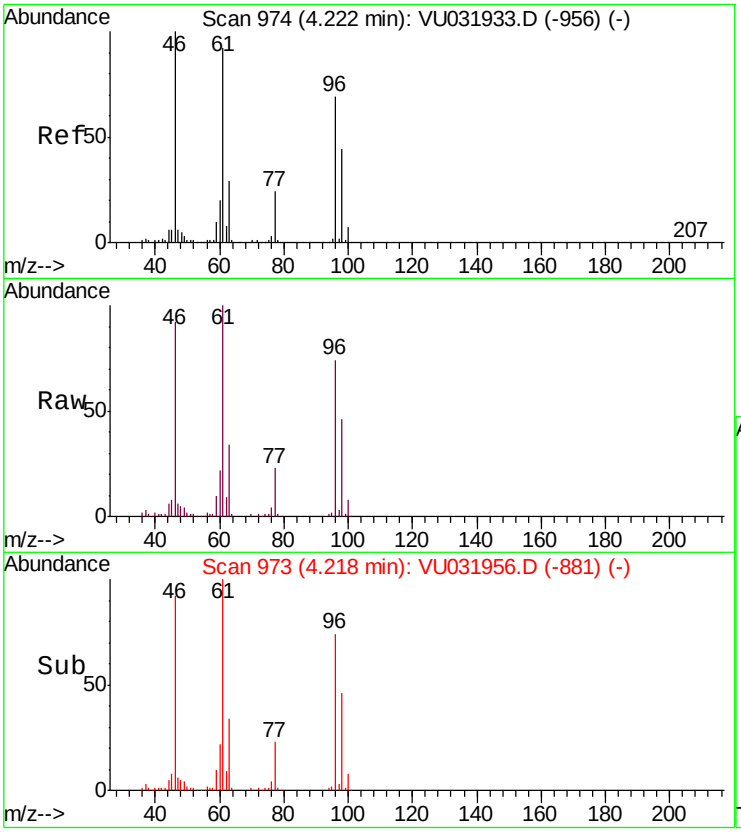


#21
2-Butanone
Concen: 42.174 ug/L
RT: 4.28 min Scan# 993
Delta R.T. -0.01 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 43 Resp: 578487

Ion	Ratio	Lower	Upper
43	100		
72	26.9	10.4	31.1



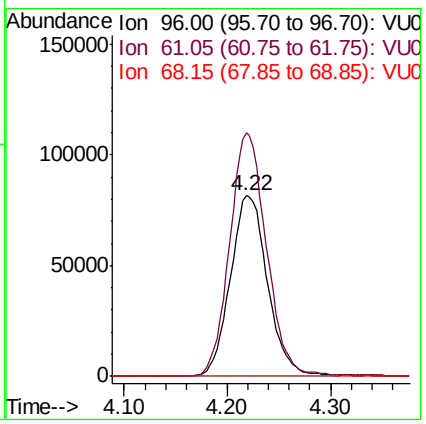


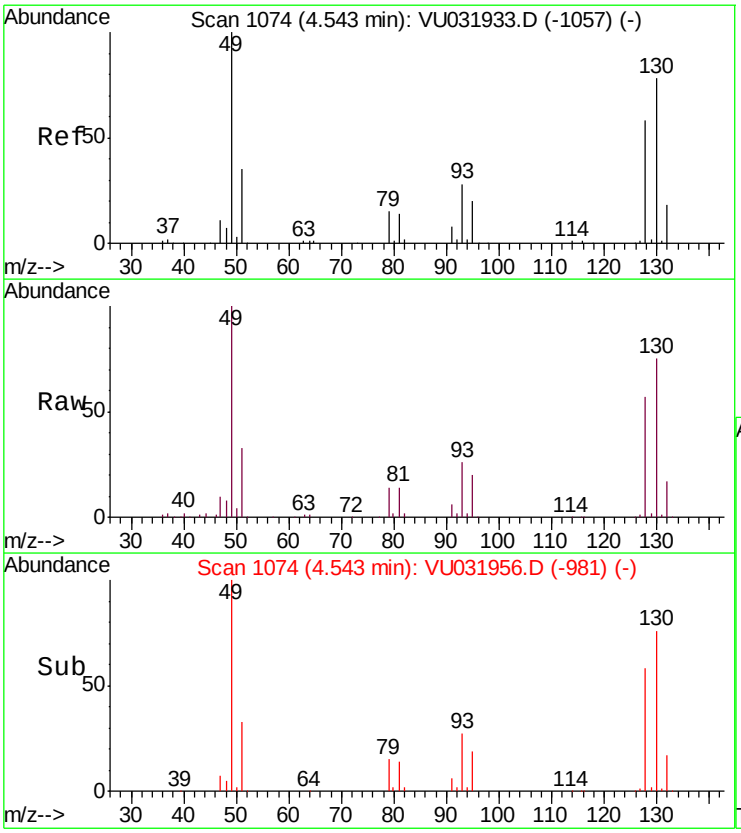
#22
cis-1,2-Dichloroethene
Concen: 5.142 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 96 Resp: 204346

Ion	Ratio	Lower	Upper
96	100		
61	134.9	113.3	210.5
68	0.0	0.0	0.0

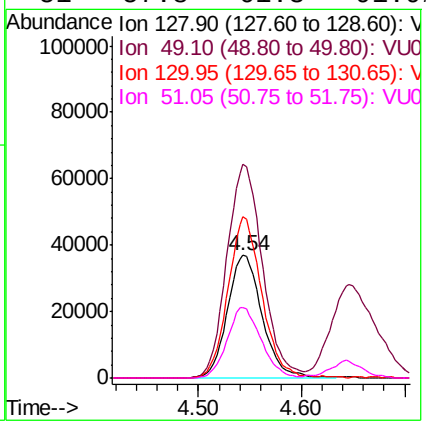


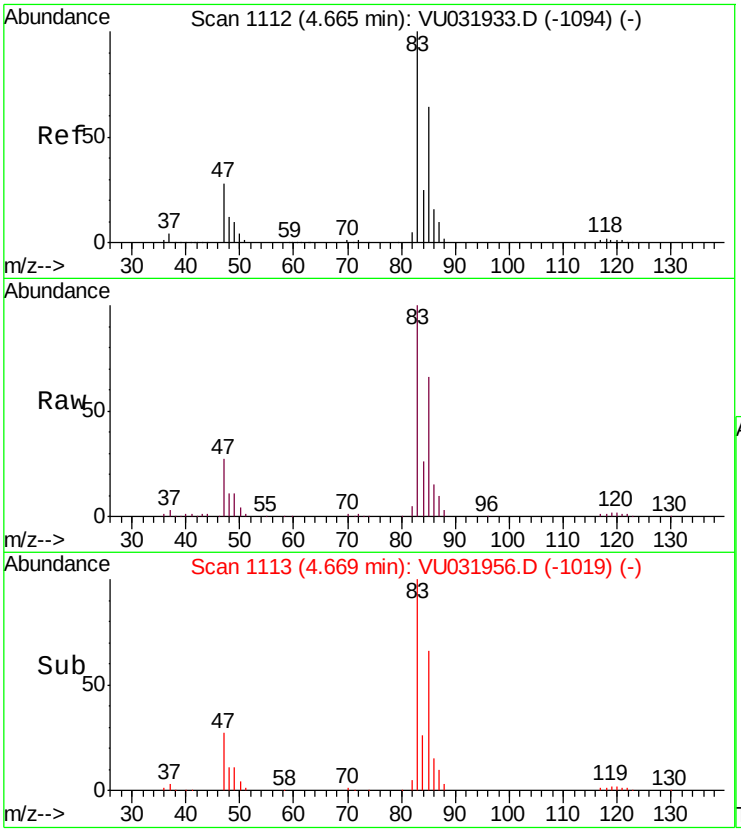


#23
Bromochloromethane
Concen: 5.418 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:128 Resp: 86416

Ion	Ratio	Lower	Upper
128	100		
49	174.2	168.8	313.4
130	131.4	93.0	172.8
51	57.8	61.3	91.9#



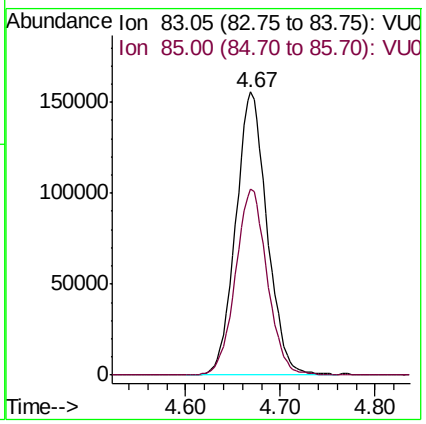


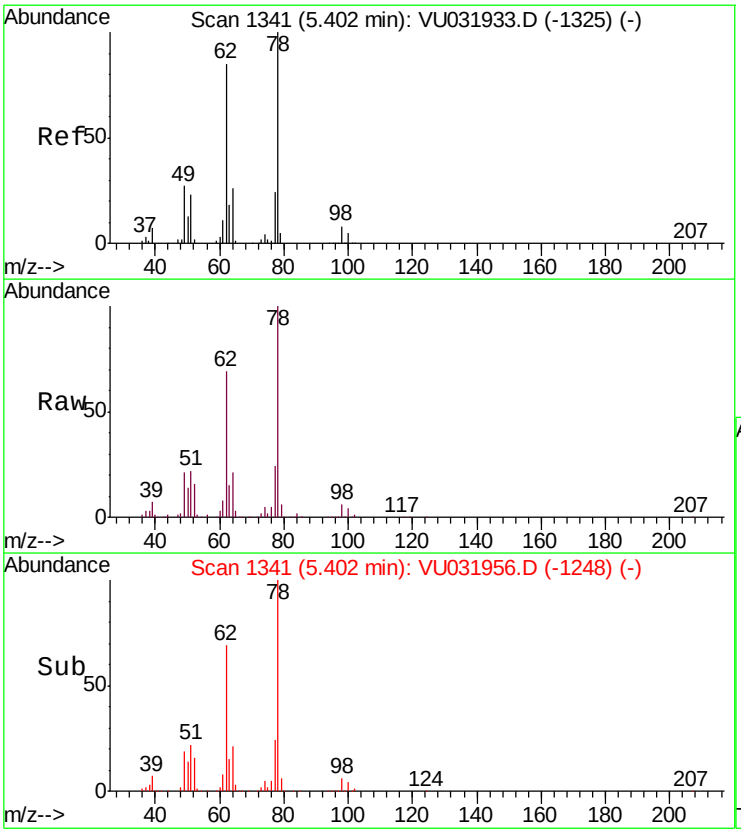
#25
Chloroform
Concen: 4.475 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 83 Resp: 358395

Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.4	82.5

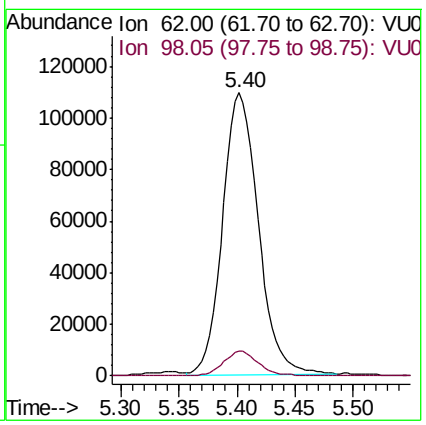


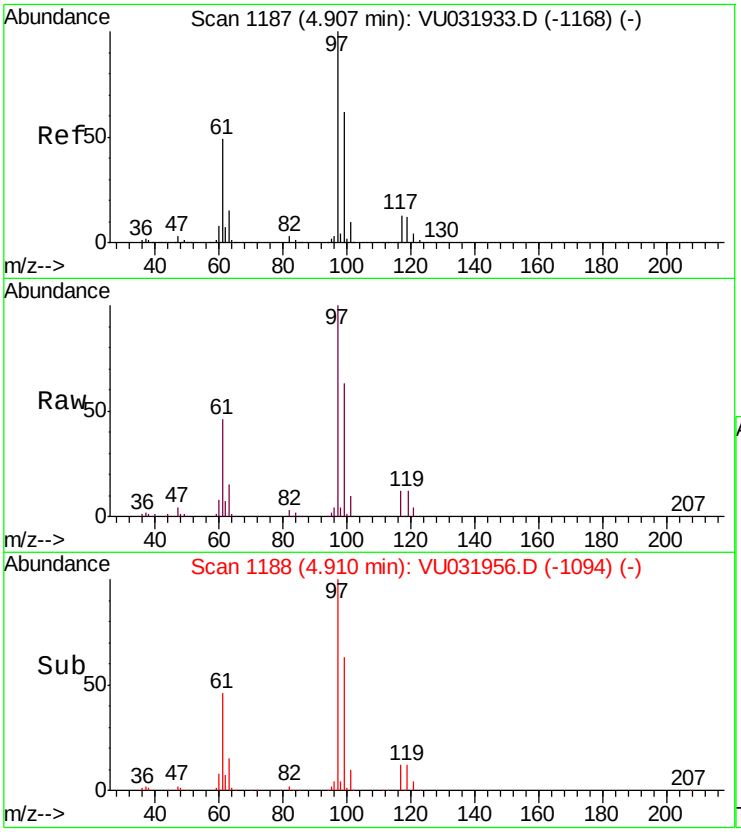


#27
1,2-Dichloroethane
Concen: 4.413 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 62 Resp: 233276

Ion	Ratio	Lower	Upper
62	100		
98	8.9	5.4	8.2#



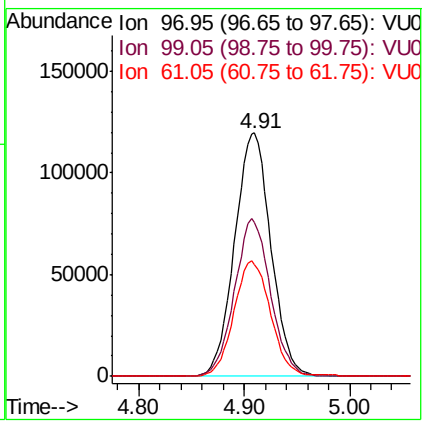


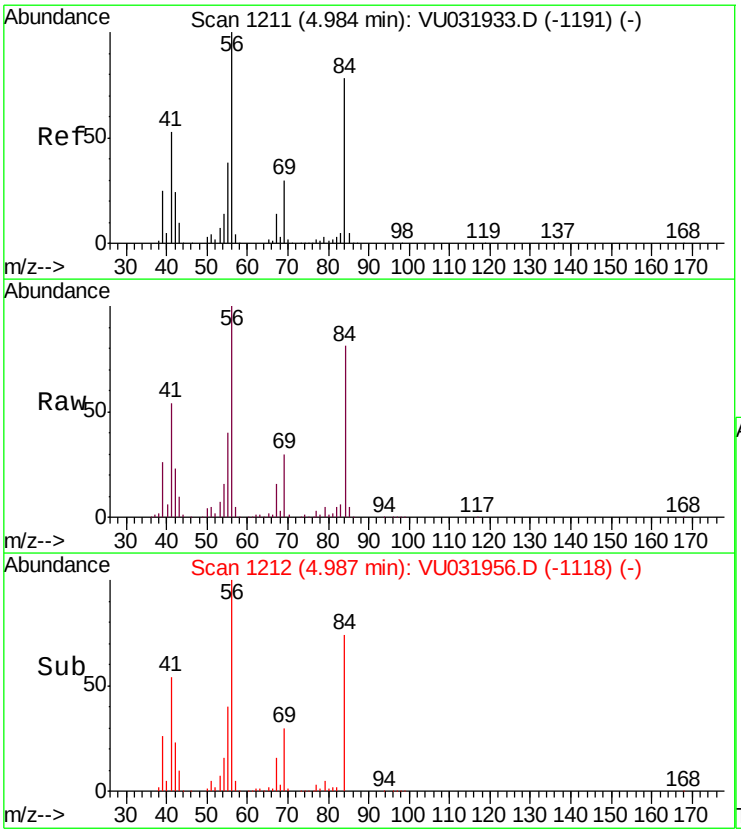
#29
1,1,1-Trichloroethane
Concen: 4.422 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 97 Resp: 286265

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	75.8
61	47.7	42.2	63.2

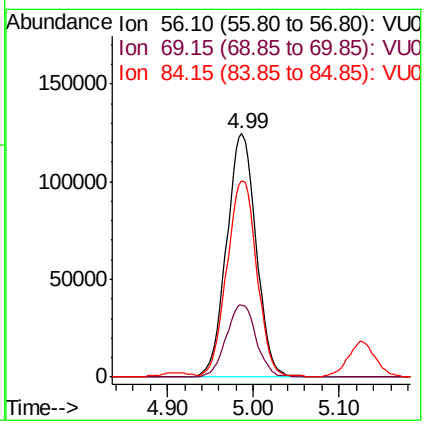


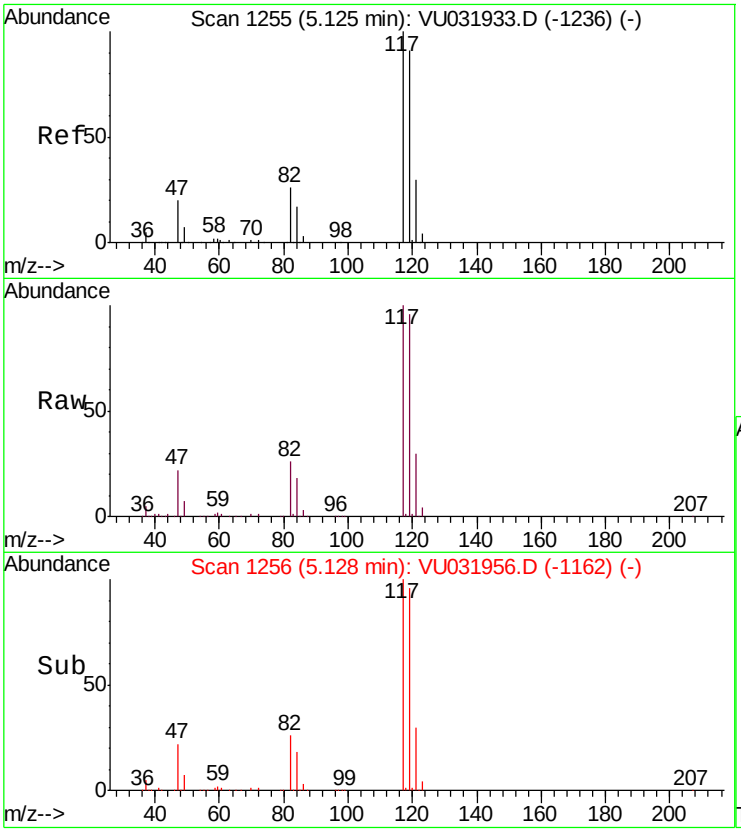


#30
Cyclohexane
Concen: 4.201 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 56 Resp: 297838

Ion	Ratio	Lower	Upper
56	100		
69	30.1	21.8	32.8
84	81.2	56.8	85.2



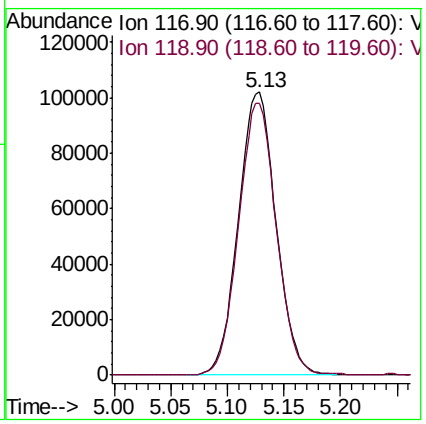


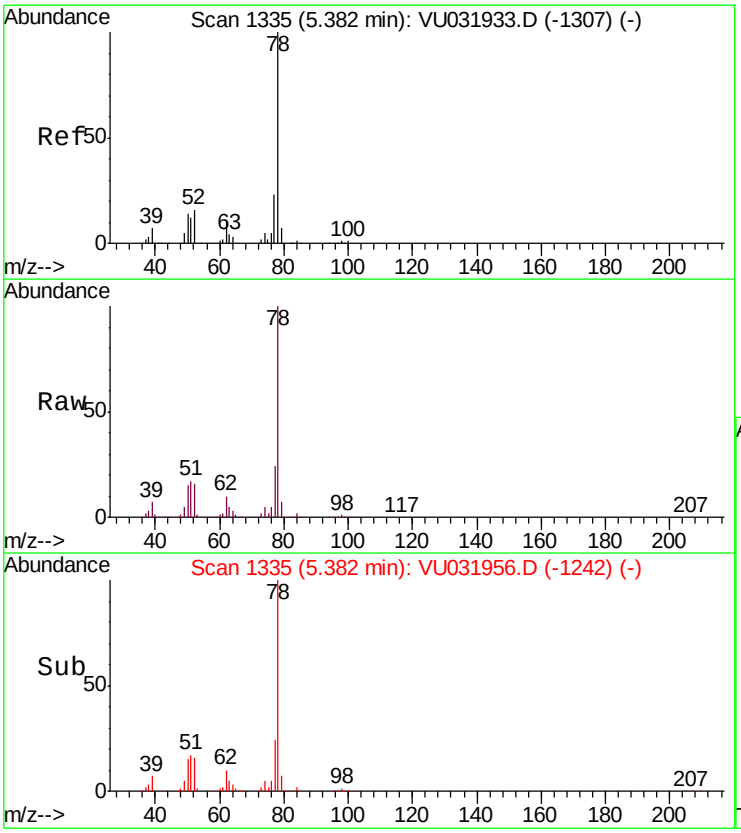
#31
Carbon tetrachloride
Concen: 4.286 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion:117 Resp: 236284

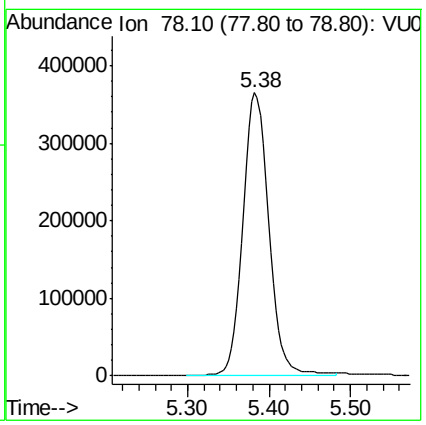
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.4	114.6

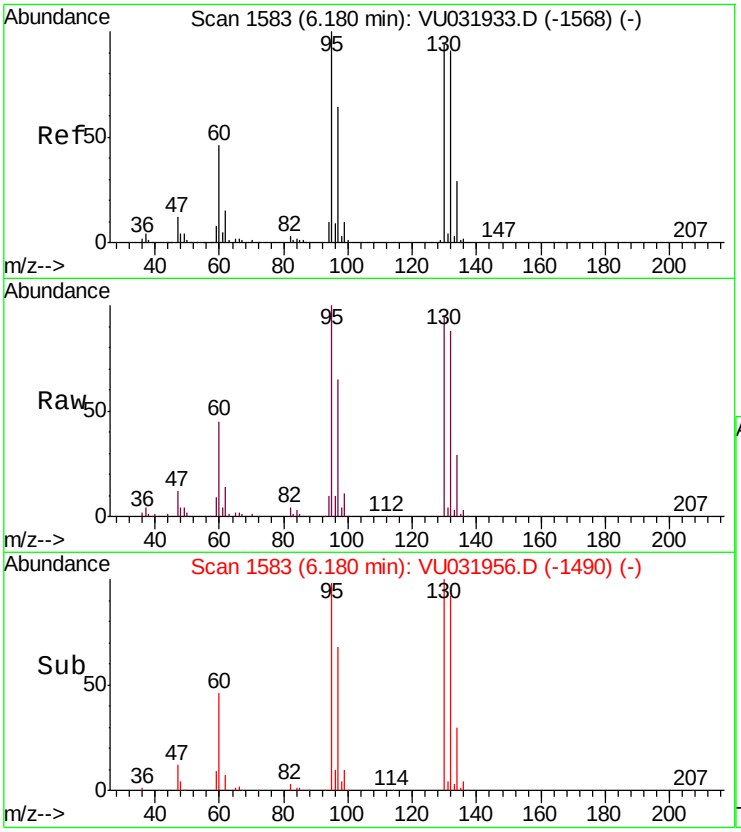




#33
Benzene
Concen: 4.862 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 78 Resp: 800742



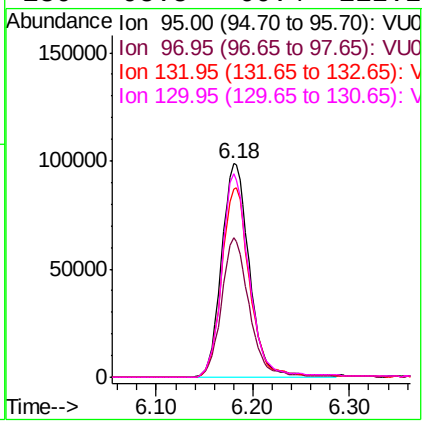


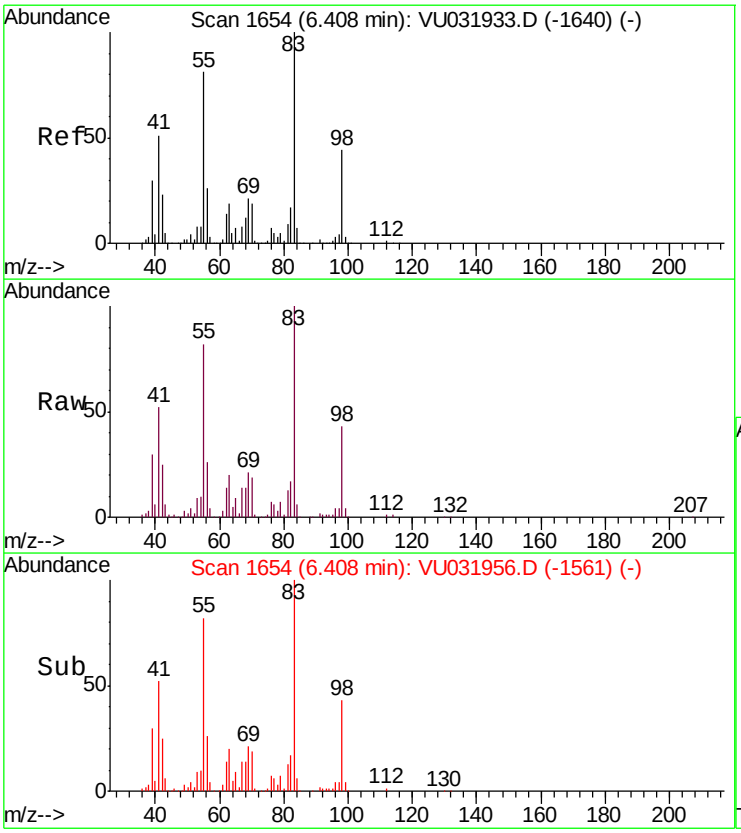
#34
Trichloroethene
Concen: 4.785 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion: 95 Resp: 198694

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.8	85.2
132	88.1	56.0	104.0
130	95.5	60.4	112.2

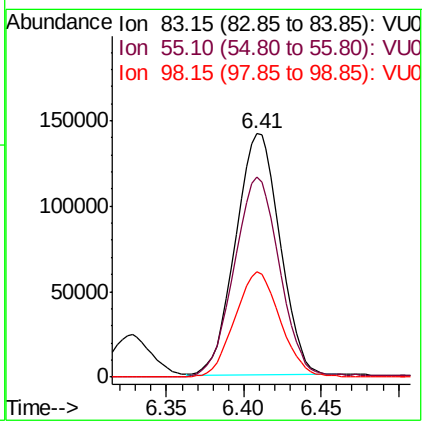


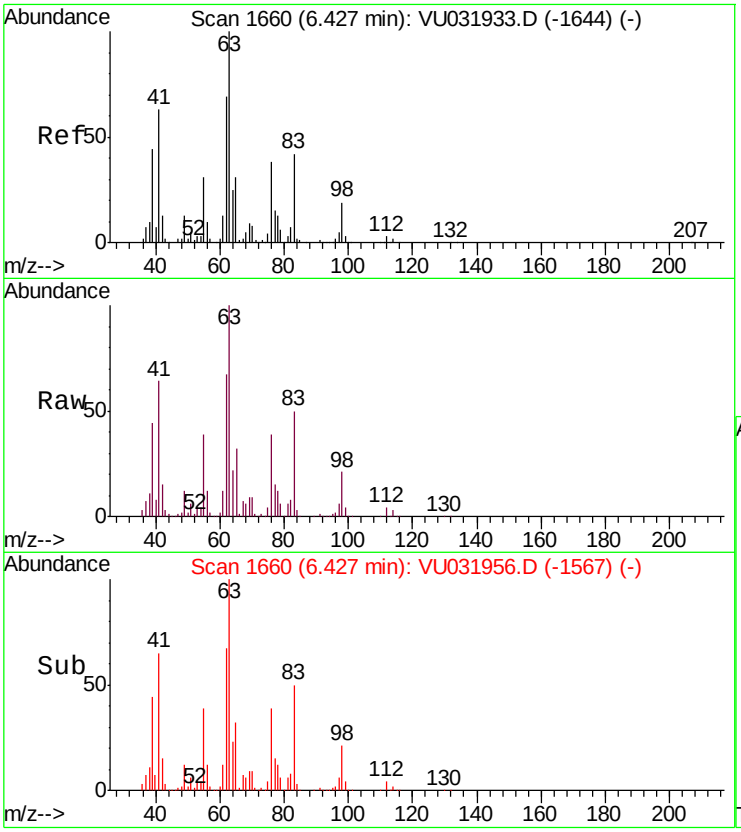


#35
Methylcyclohexane
Concen: 4.752 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 83 Resp: 283419

Ion	Ratio	Lower	Upper
83	100		
55	84.6	79.2	118.8
98	44.0	34.0	51.0



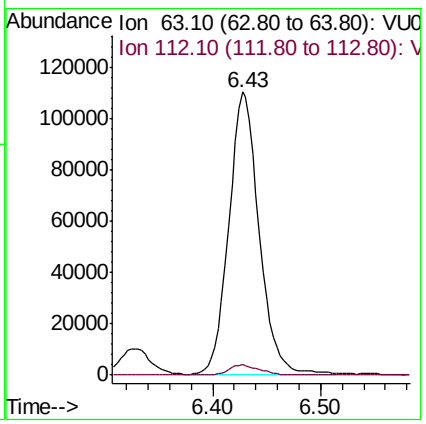


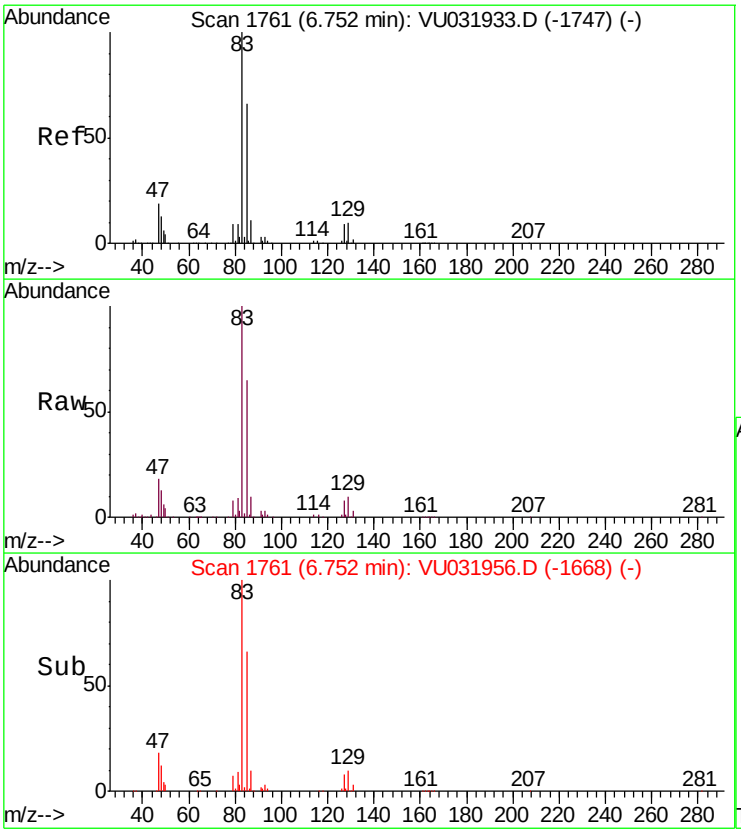
#37
1,2-Dichloropropane
Concen: 4.557 ug/L
RT: 6.43 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion: 63 Resp: 214798

Ion	Ratio	Lower	Upper
63	100		
112	4.0	2.5	3.7#

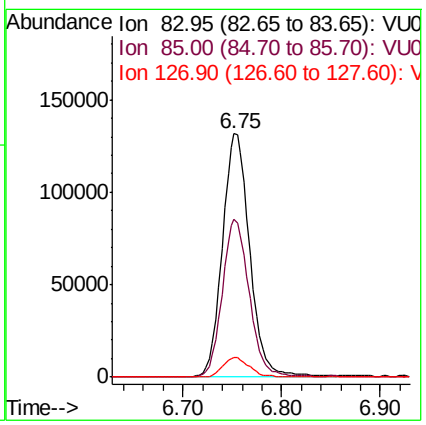


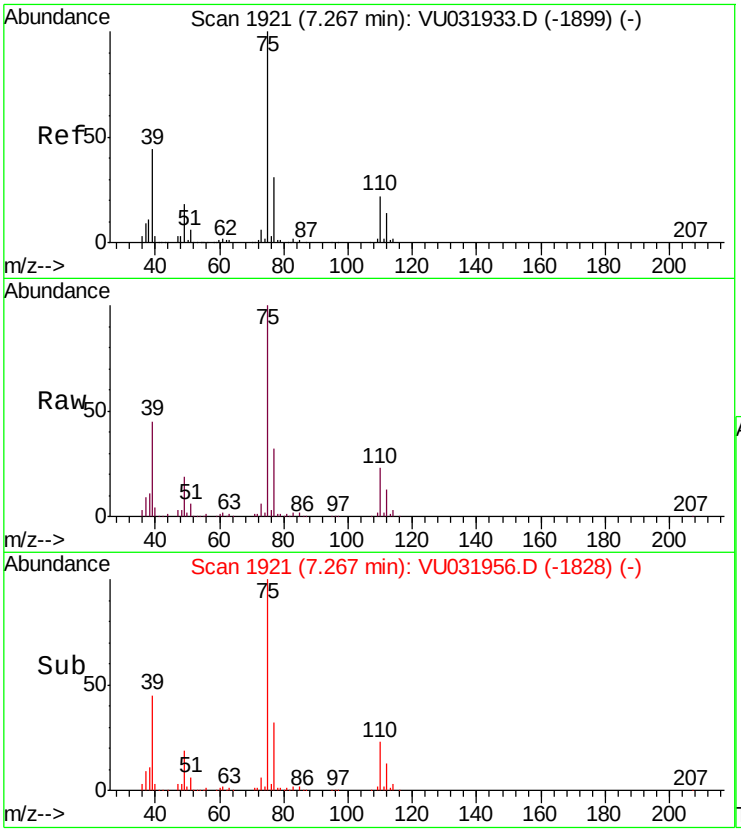


#38
Bromodichloromethane
Concen: 4.513 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 83 Resp: 253391

Ion	Ratio	Lower	Upper
83	100		
85	64.8	41.3	76.7
127	7.9	5.8	8.6



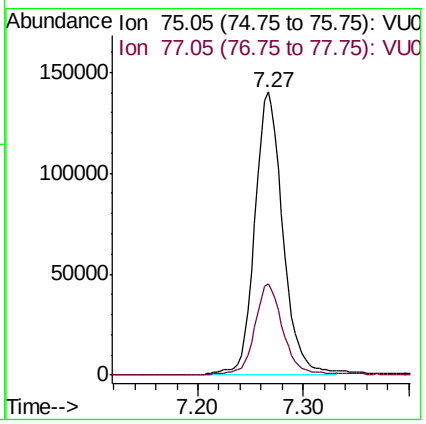


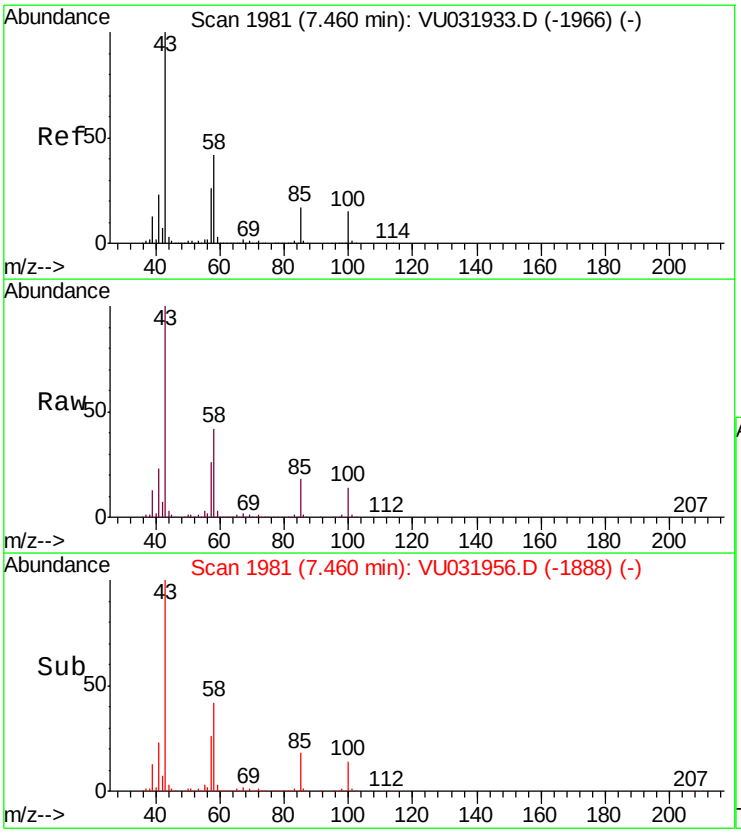
#39
cis-1,3-Dichloropropene
Concen: 4.422 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 75 Resp: 261172

Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.3	41.5

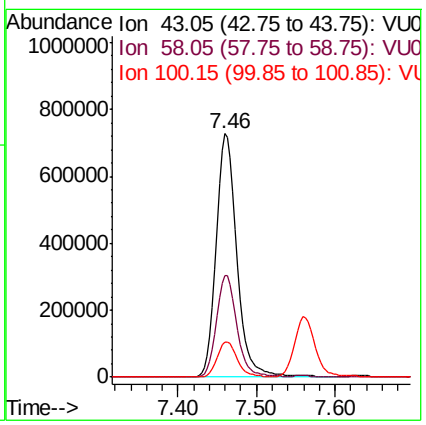


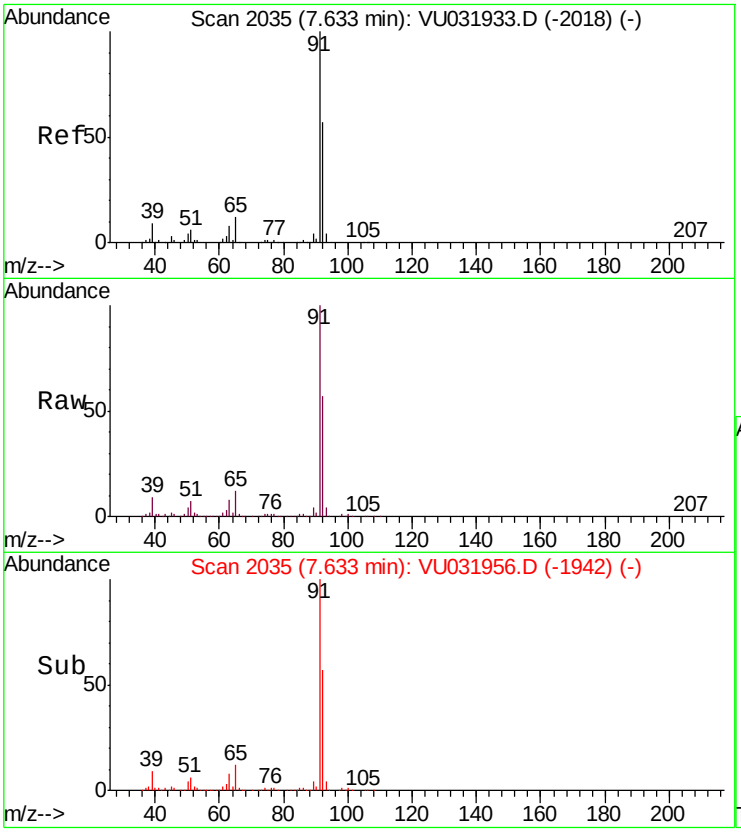


#40
4-Methyl-2-pentanone
Concen: 41.601 ug/L
RT: 7.46 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 43 Resp: 1319683

Ion	Ratio	Lower	Upper
43	100		
58	41.3	28.0	42.0
100	14.3	8.2	12.4#



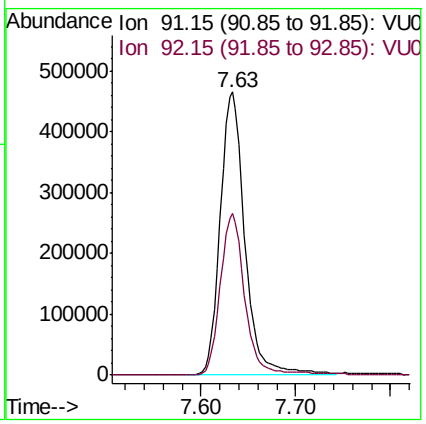


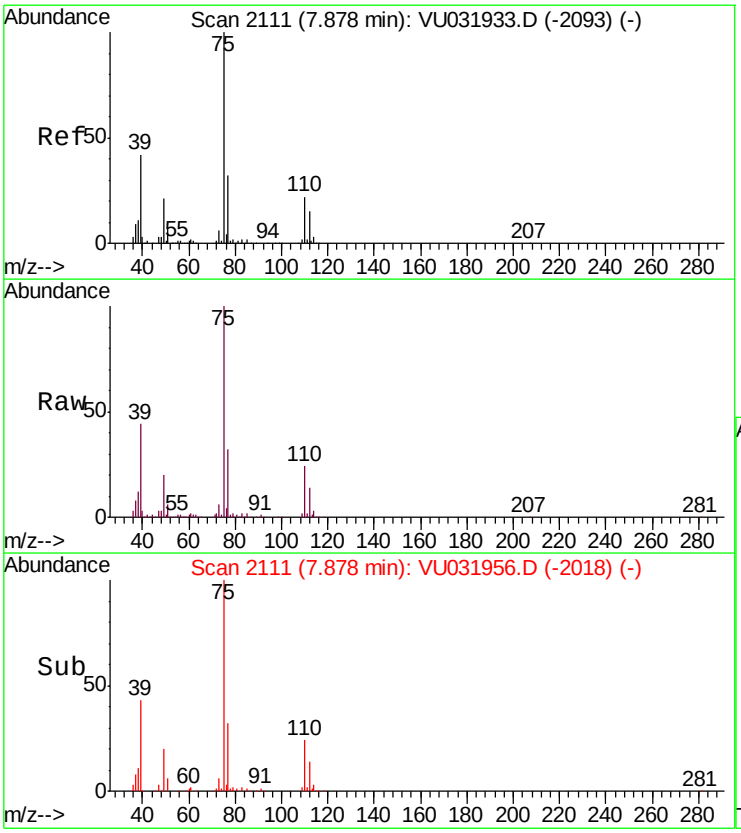
#42
Toluene
Concen: 5.194 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 91 Resp: 844706

Ion	Ratio	Lower	Upper
91	100		
92	57.0	38.1	70.9

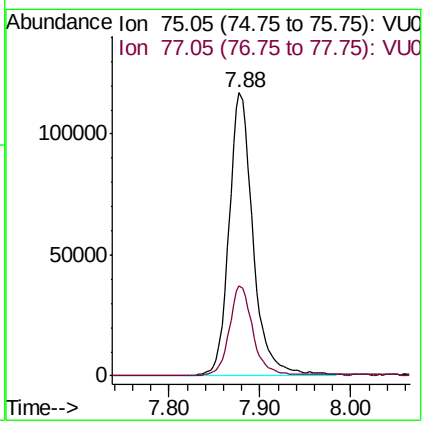


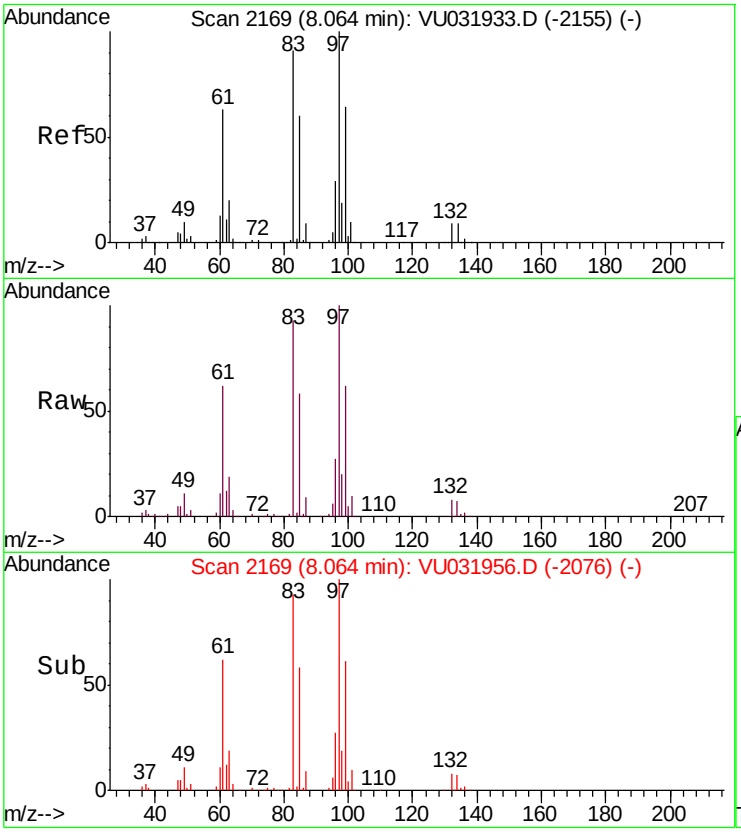


#44
trans-1,3-Dichloropropene
Concen: 4.603 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 75 Resp: 215338

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.3	41.3



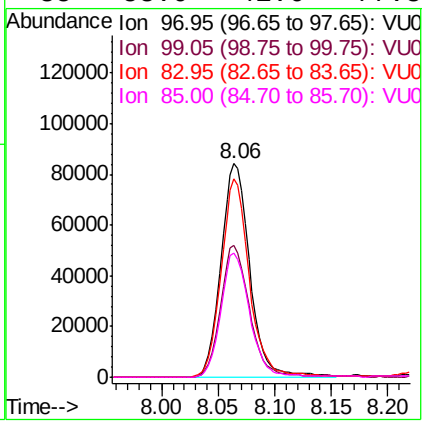


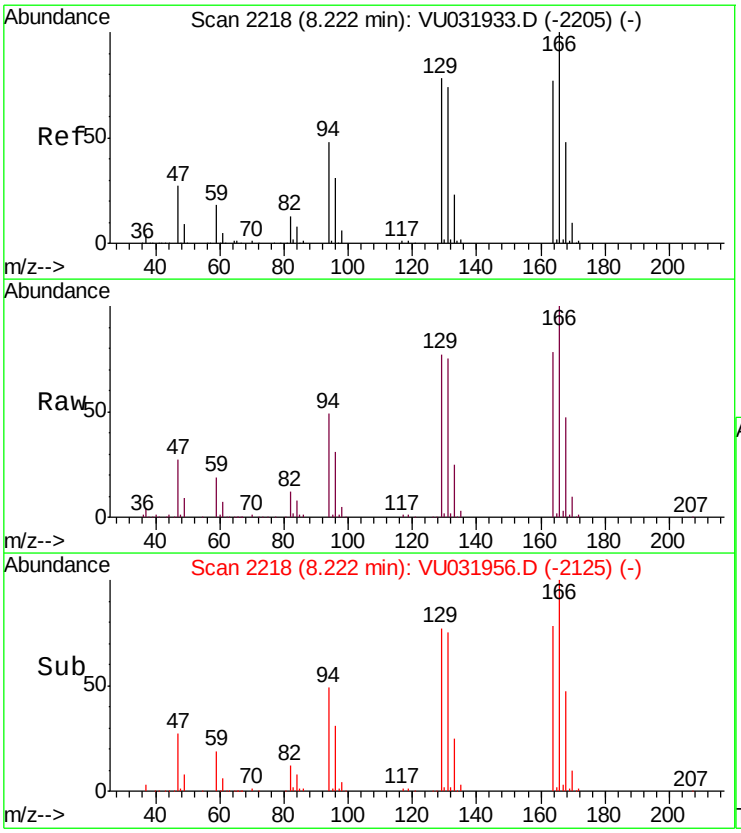
#45
1,1,2-Trichloroethane
Concen: 5.351 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion: 97 Resp: 149433

Ion	Ratio	Lower	Upper
97	100		
99	61.6	45.8	85.0
83	93.0	64.5	119.7
85	58.0	41.6	77.3

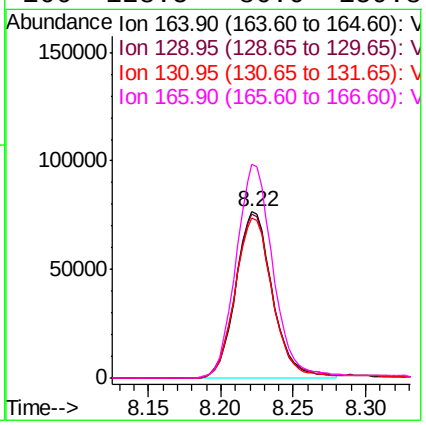


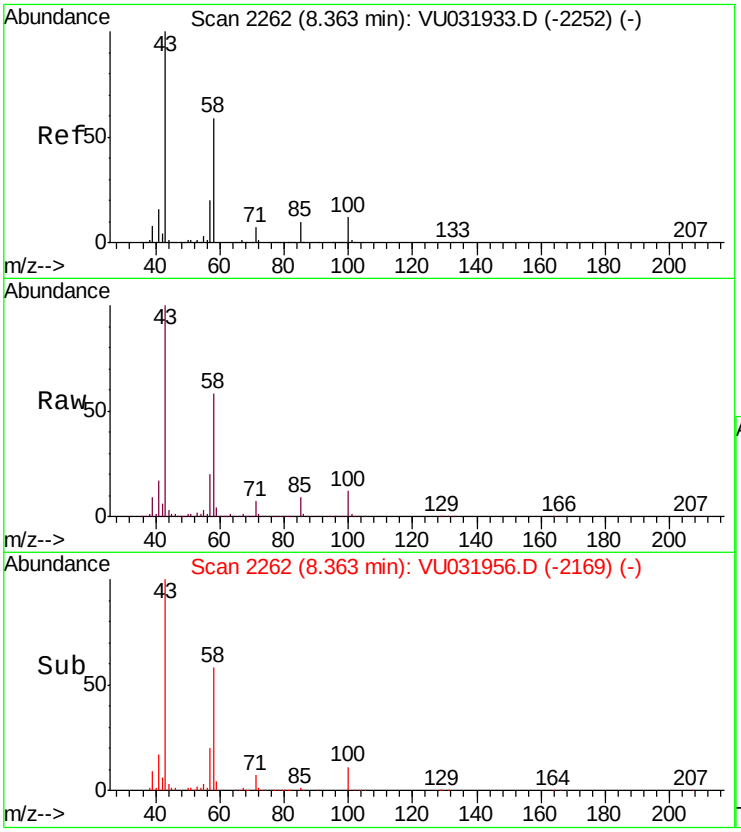


#47
Tetrachloroethene
Concen: 4.994 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:164 Resp: 134855

Ion	Ratio	Lower	Upper
164	100		
129	98.8	70.3	130.5
131	96.4	65.4	121.4
166	128.5	86.0	159.8



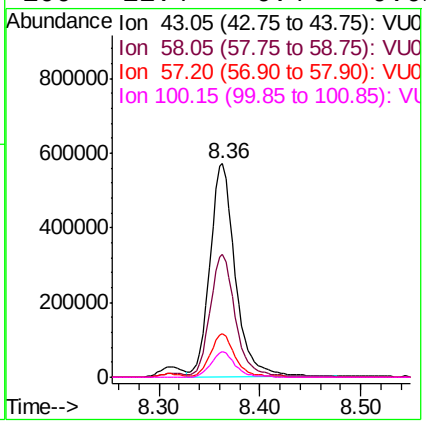


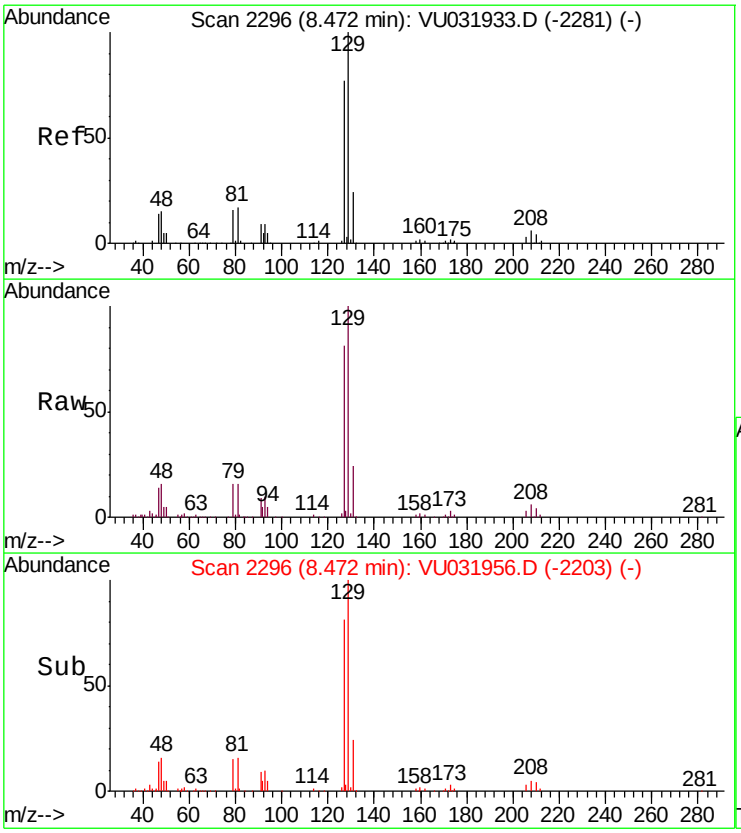
#48
2-Hexanone
Concen: 44.034 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 43 Resp: 992781

Ion	Ratio	Lower	Upper
43	100		
58	57.4	40.2	60.2
57	19.9	13.8	20.6
100	11.4	6.4	9.6#

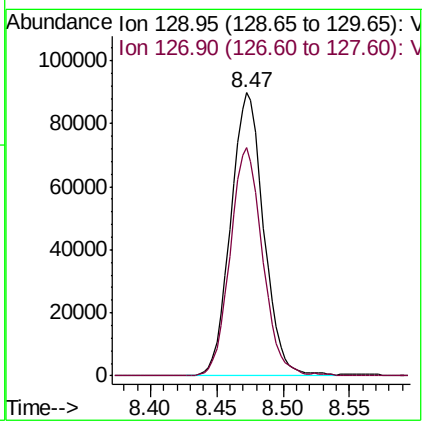


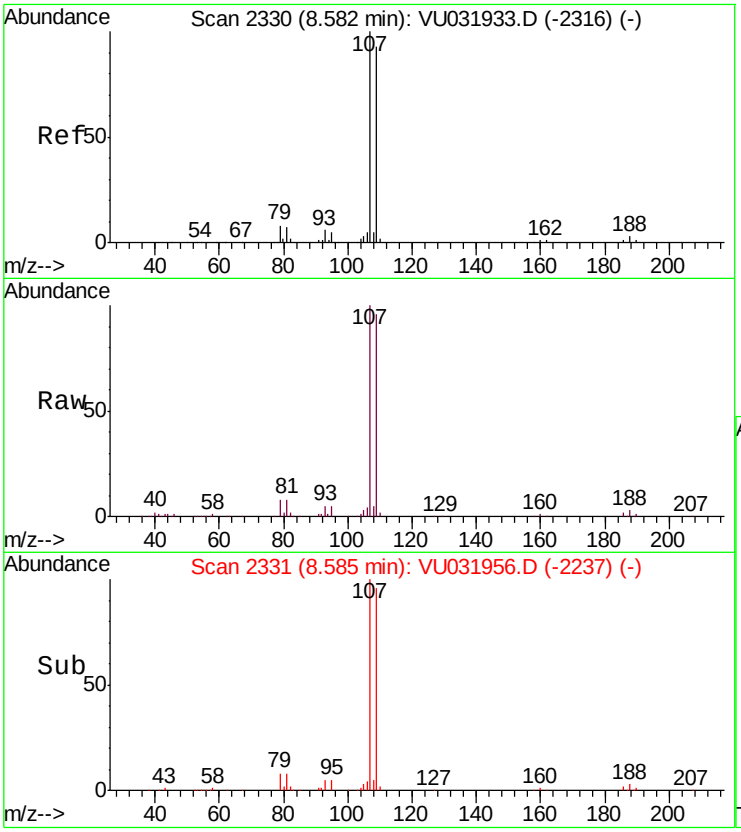


#49
Dibromochloromethane
Concen: 4.766 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:129 Resp: 154799

Ion	Ratio	Lower	Upper
129	100		
127	80.5	54.7	101.7



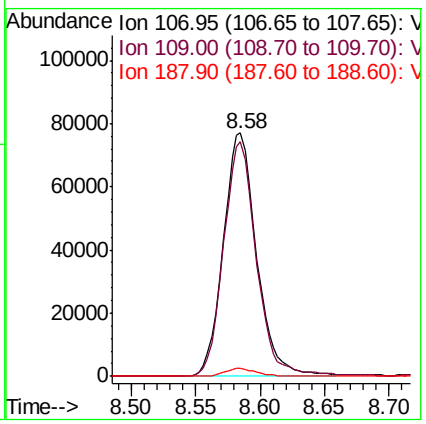


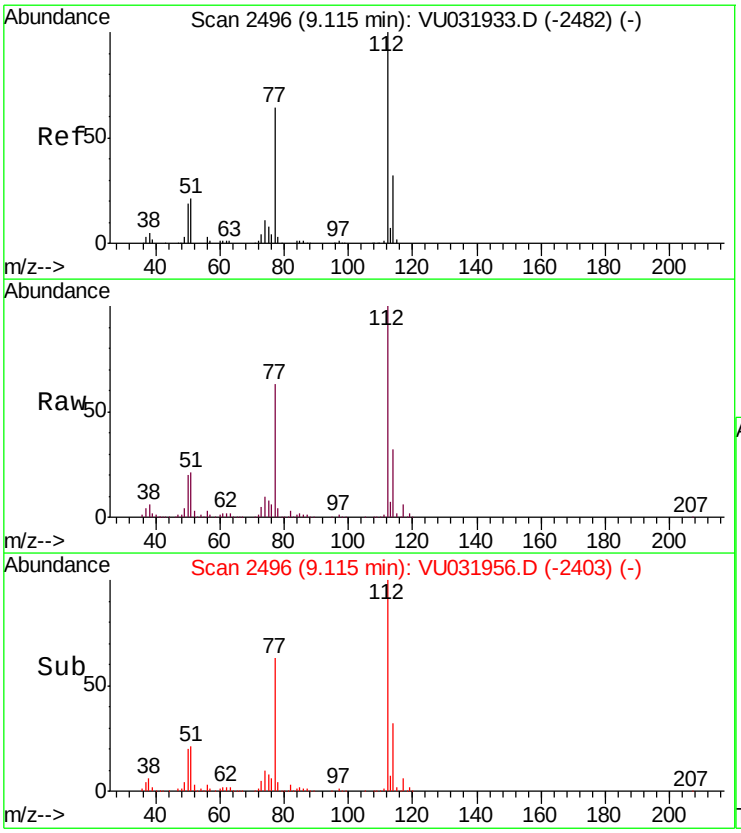
#50
1,2-Dibromoethane
Concen: 5.428 ug/L
RT: 8.58 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion:107 Resp: 137950

Ion	Ratio	Lower	Upper
107	100		
109	96.2	62.6	116.3
188	3.1	2.1	3.1

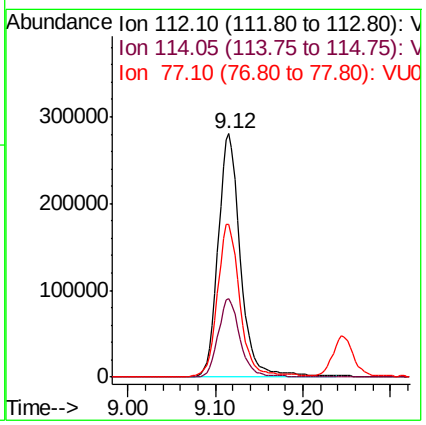


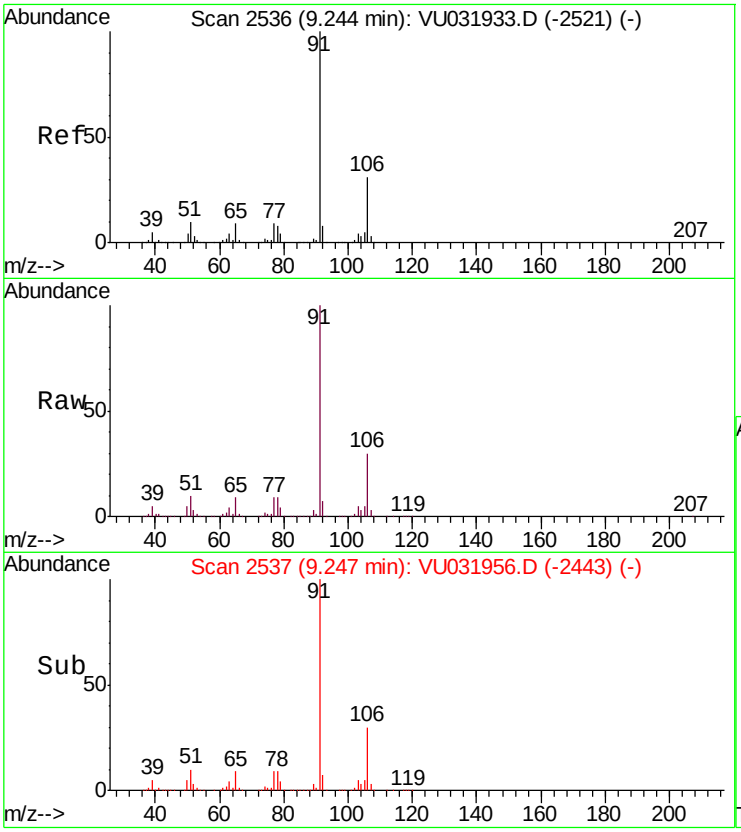


#51
Chlorobenzene
Concen: 5.145 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:112 Resp: 497322

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	63.0	56.9	85.3



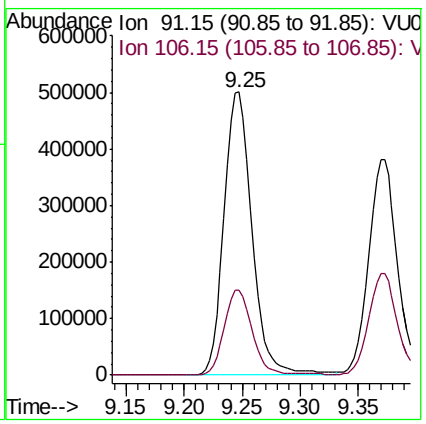


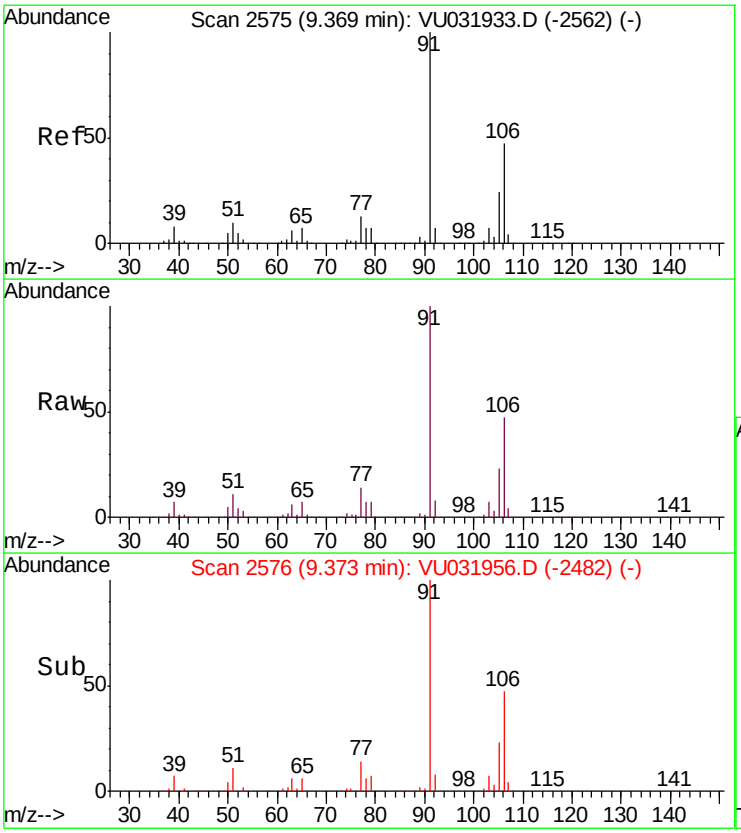
#52
Ethylbenzene
Concen: 4.938 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 91 Resp: 837653

Ion	Ratio	Lower	Upper
91	100		
106	30.2	20.0	37.2

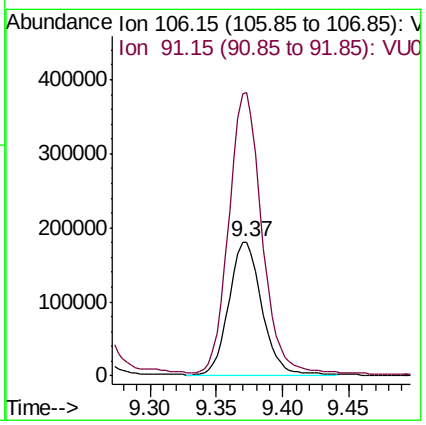


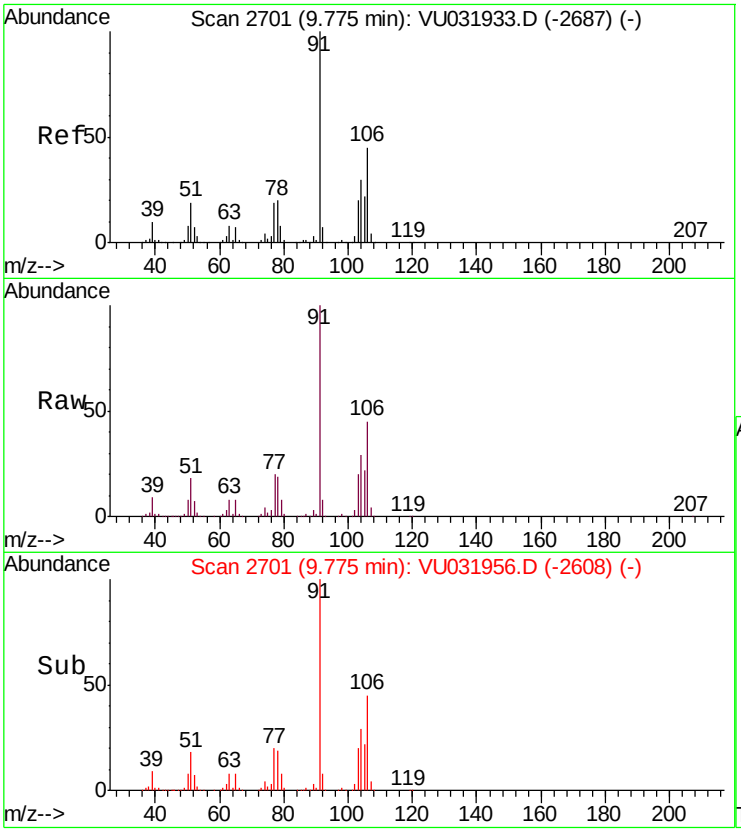


#53
m,p-Xylene
Concen: 5.108 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:106 Resp: 308431

Ion	Ratio	Lower	Upper
106	100		
91	211.6	150.3	279.1



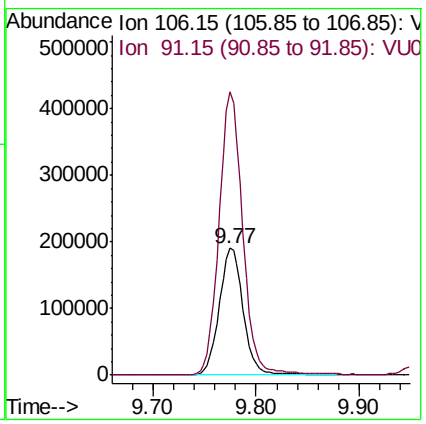


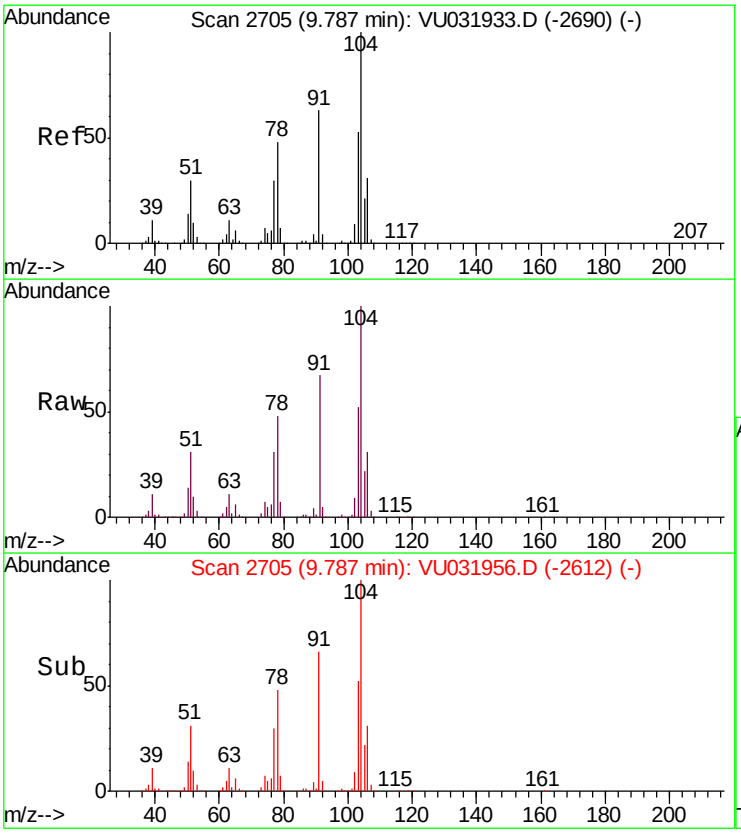
#54
o-Xylene
Concen: 5.348 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion:106 Resp: 308838

Ion	Ratio	Lower	Upper
106	100		
91	223.0	161.8	300.6

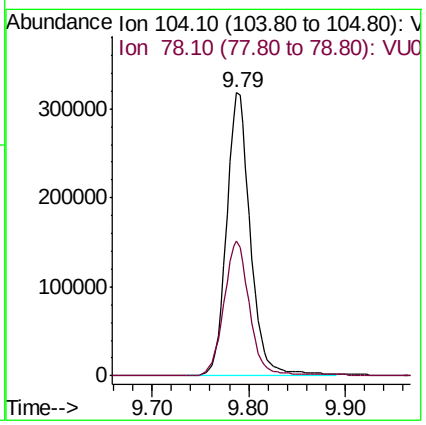


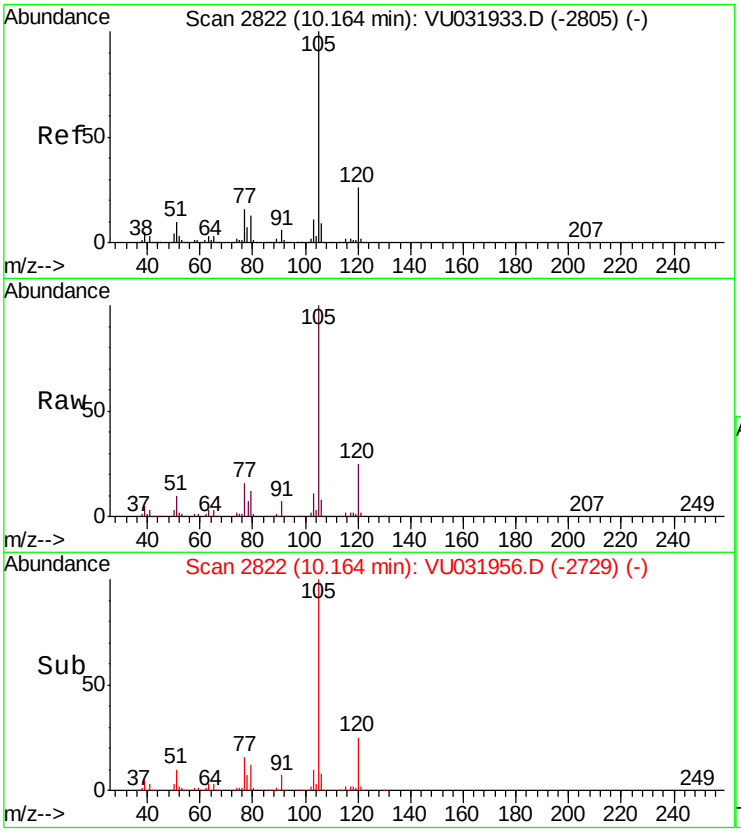


#55
Styrene
Concen: 5.486 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:104 Resp: 543707

Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.2	69.0



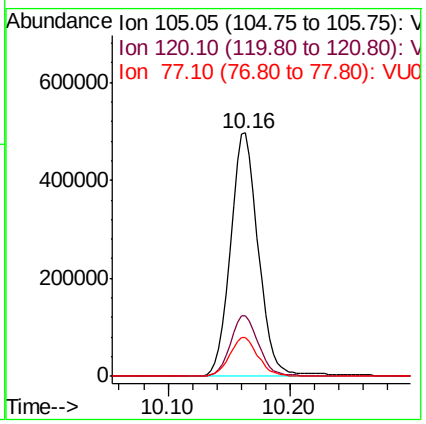


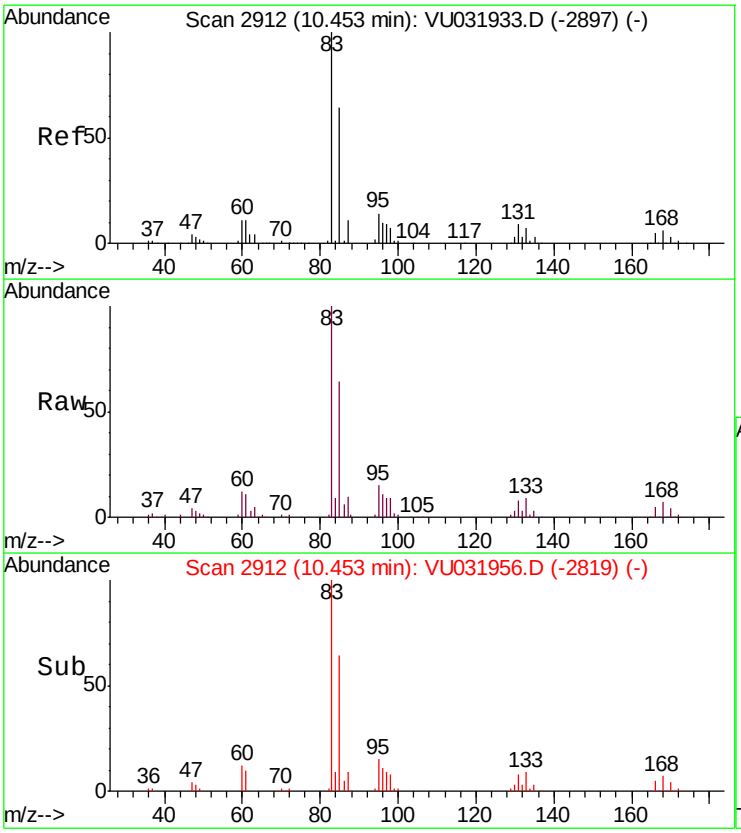
#56
Isopropylbenzene
Concen: 5.105 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion:105 Resp: 789376

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.2	30.4
77	16.2	14.8	22.2

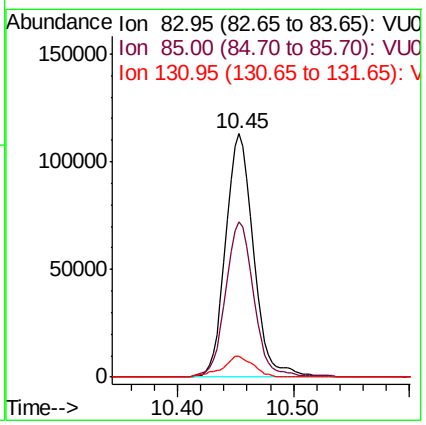


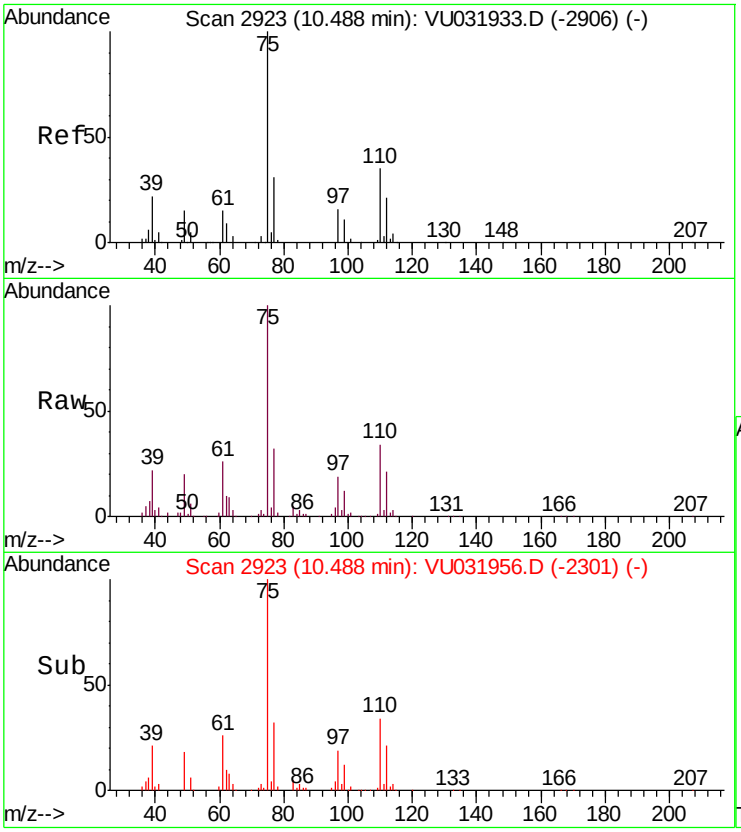


#58
1,1,2,2-Tetrachloroethane
Concen: 5.026 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 83 Resp: 187482

Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.3	82.3
131	8.4	6.0	9.0



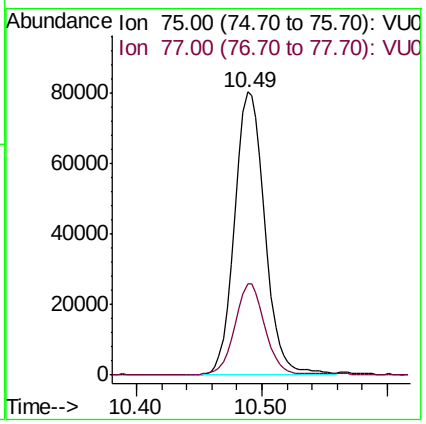


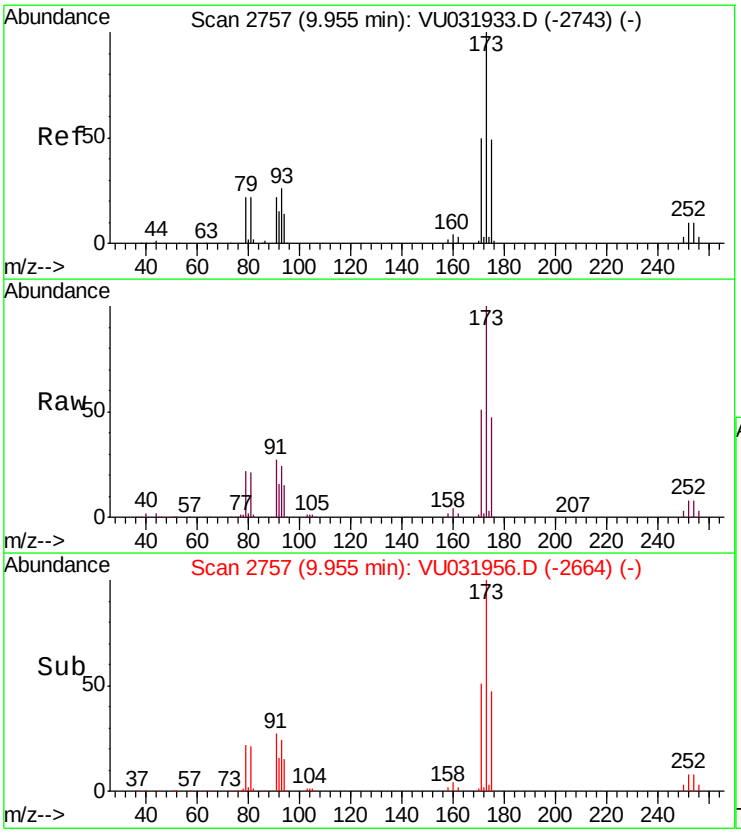
#59
1,2,3-Trichloropropane
Concen: 4.856 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion: 75 Resp: 135472

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.3	39.5

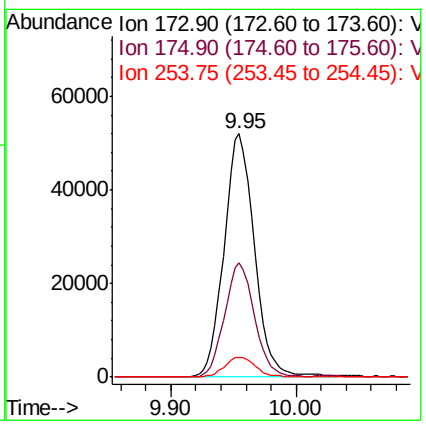


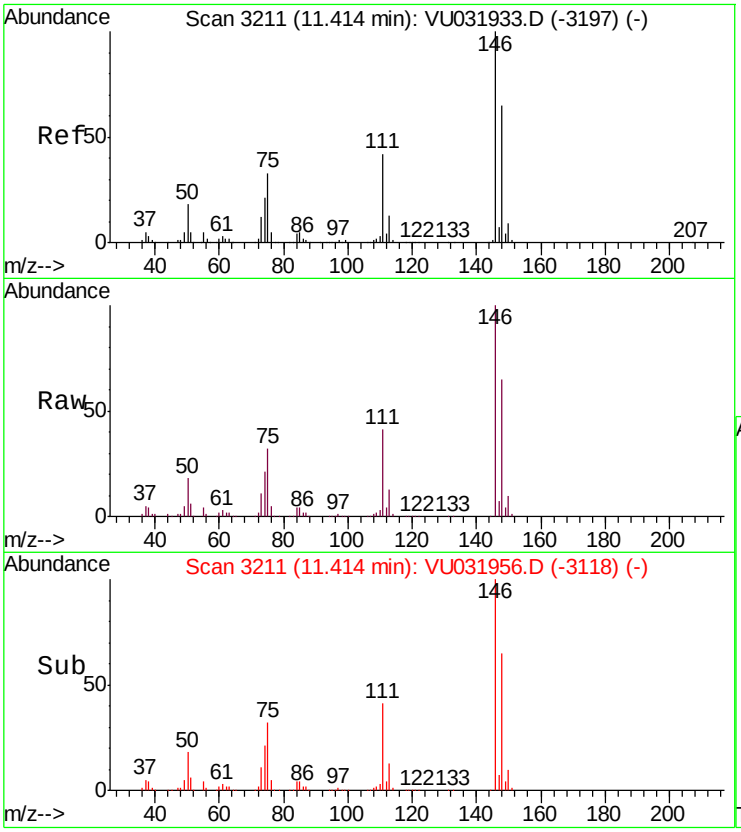


#61
Bromoform
Concen: 5.227 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:173 Resp: 87362

Ion	Ratio	Lower	Upper
173	100		
175	46.2	37.2	55.8
254	8.4	5.8	8.8



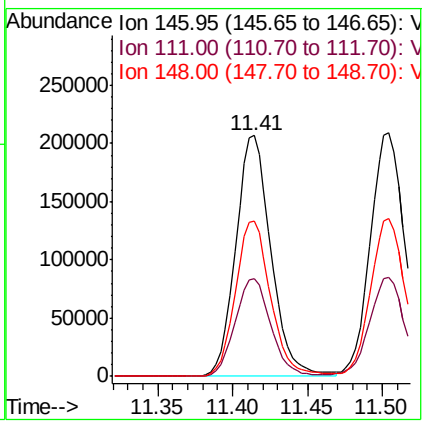


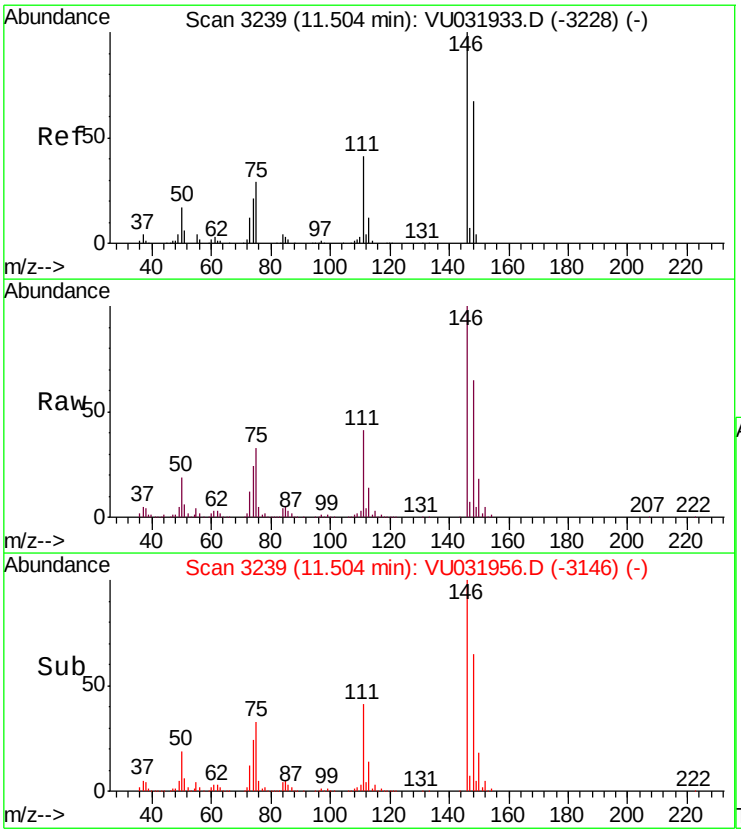
#62
1,3-Dichlorobenzene
Concen: 5.111 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion:146 Resp: 339051

Ion	Ratio	Lower	Upper
146	100		
111	40.7	29.4	54.6
148	64.7	44.0	81.6

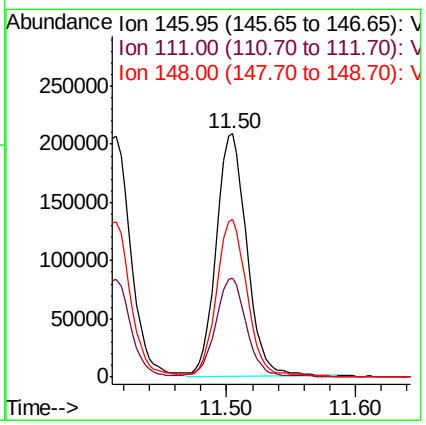


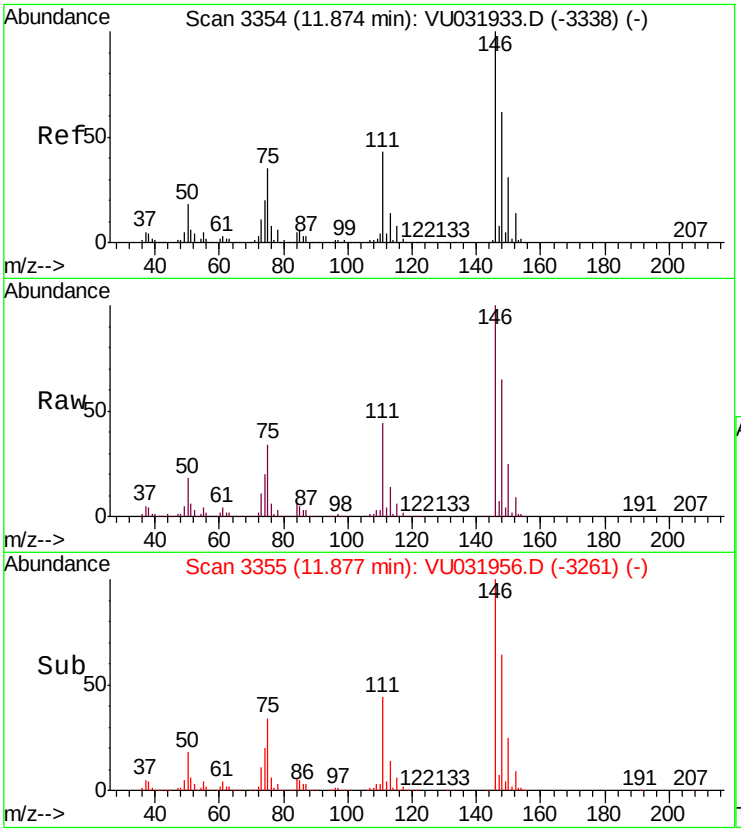


#63
1,4-Dichlorobenzene
Concen: 5.098 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:146 Resp: 342989

Ion	Ratio	Lower	Upper
146	100		
111	40.8	29.5	54.7
148	65.1	44.8	83.2



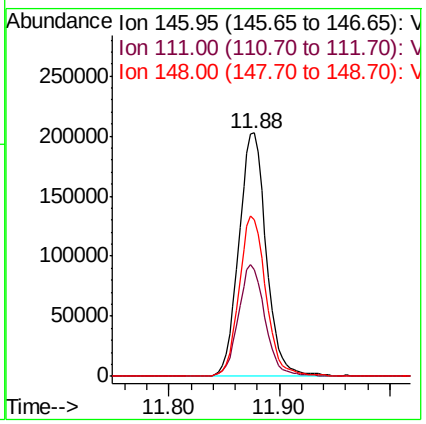


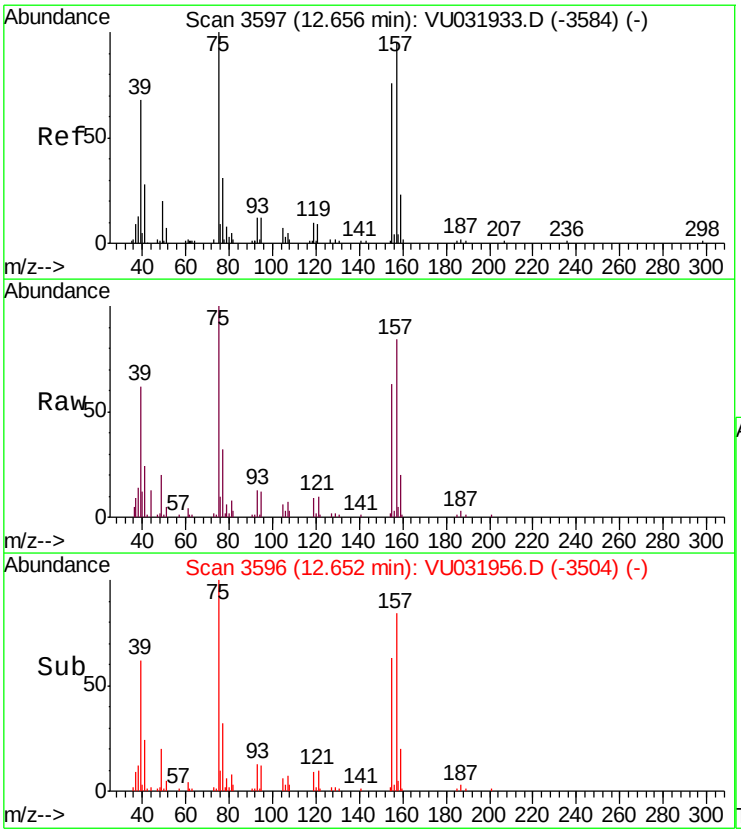
#65
1,2-Dichlorobenzene
Concen: 5.389 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Tgt Ion:146 Resp: 348751

Ion	Ratio	Lower	Upper
146	100		
111	43.8	37.0	55.4
148	64.5	52.2	78.4

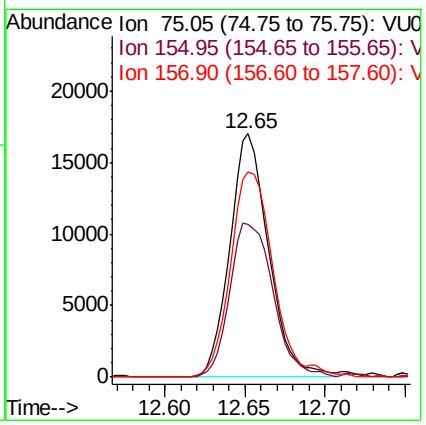


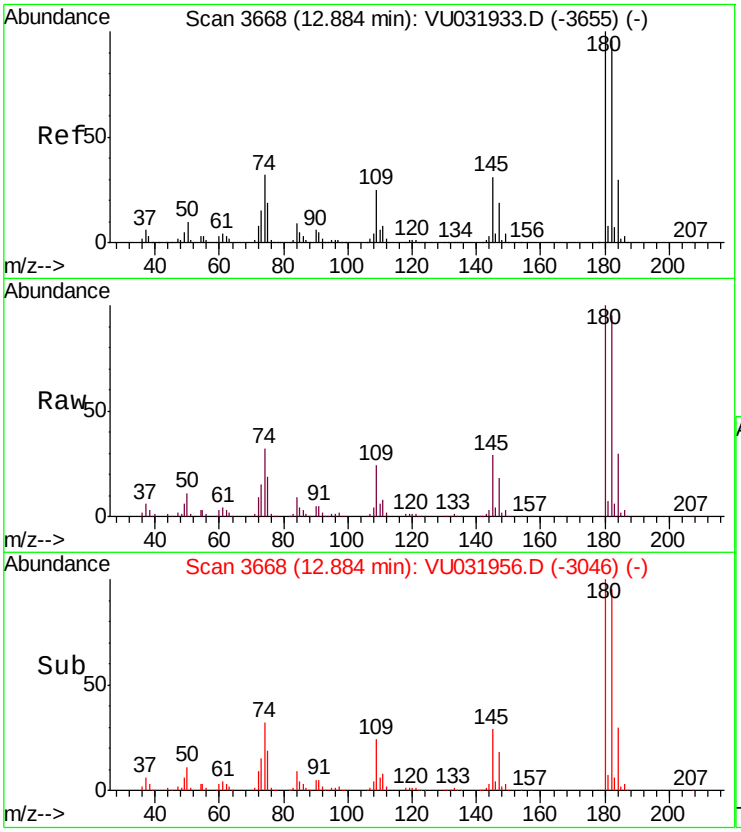


#66
1,2-Dibromo-3-chloropropane
Concen: 4.627 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion: 75 Resp: 28149

Ion	Ratio	Lower	Upper
75	100		
155	62.8	42.2	63.2
157	84.4	54.9	82.3#



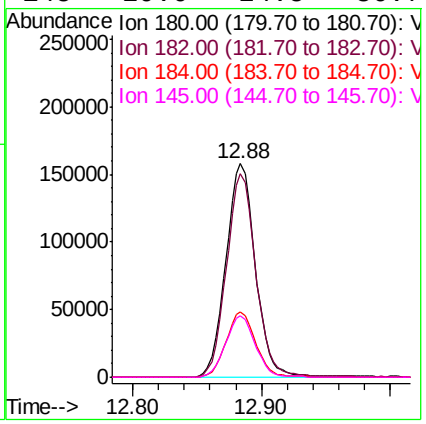


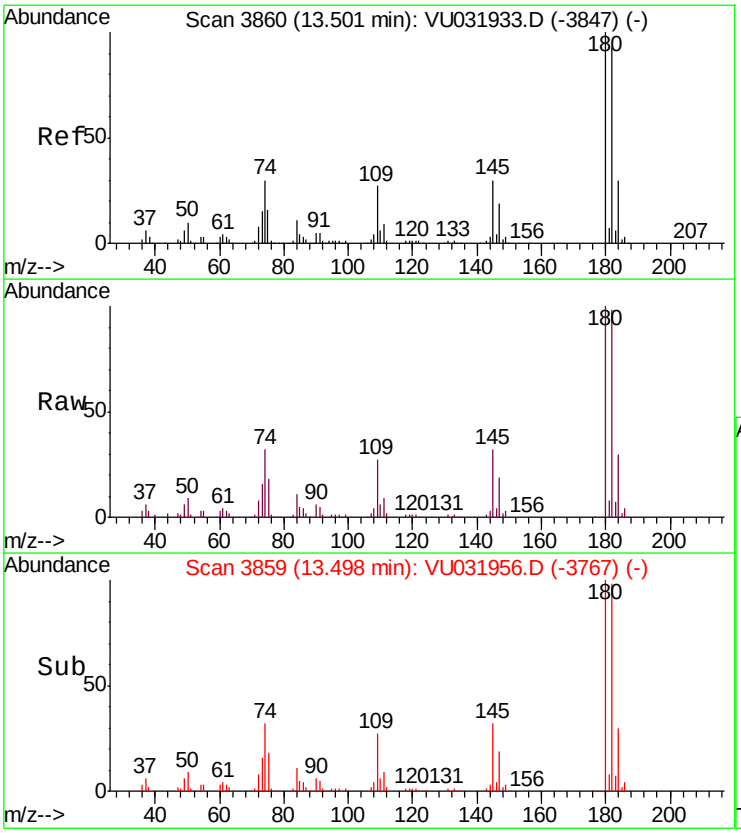
#67
1,3,5-Trichlorobenzene
Concen: 4.985 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion:180 Resp: 251282

Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.4
184	30.3	24.1	36.1
145	29.0	24.5	36.7

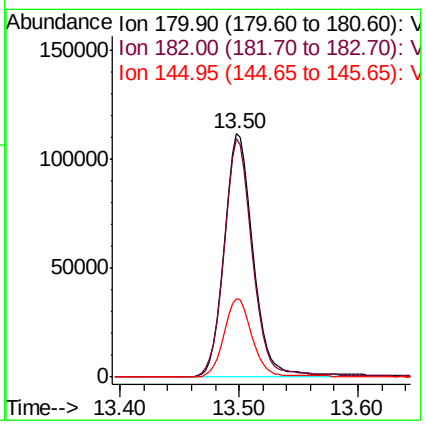


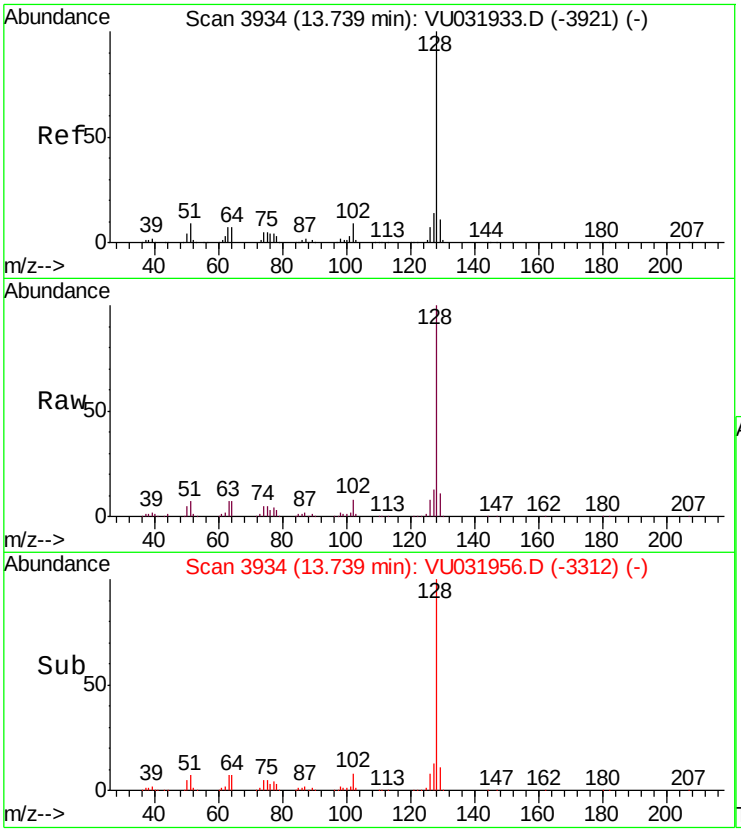


#68
1,2,4-trichlorobenzene
Concen: 5.050 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:180 Resp: 187985

Ion	Ratio	Lower	Upper
180	100		
182	97.5	74.8	112.2
145	31.6	25.4	38.2



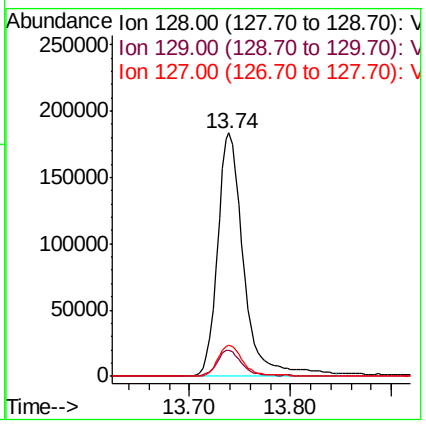


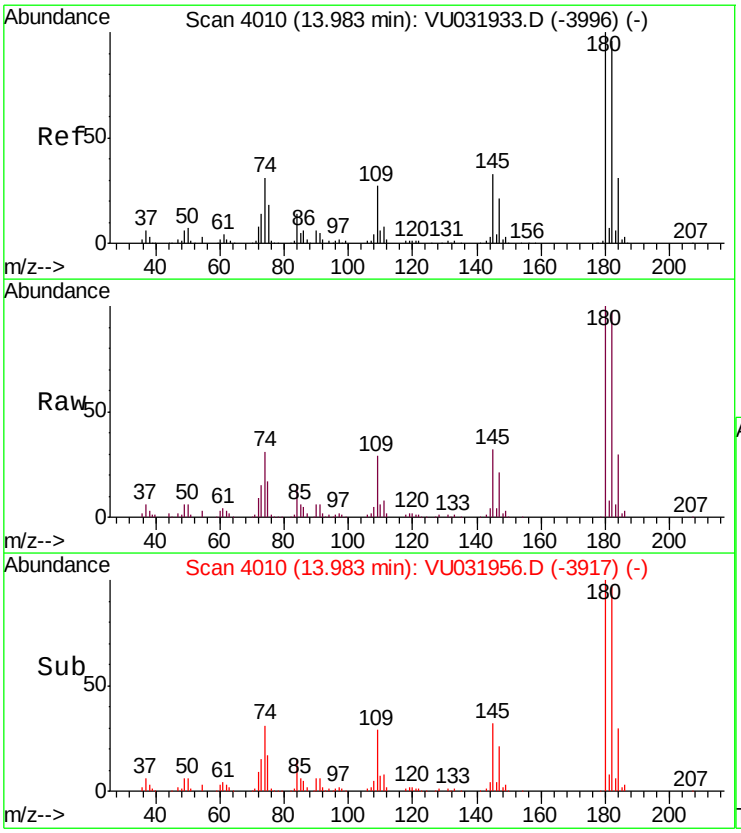
#69
Naphthalene
Concen: 5.207 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion:128 Resp: 332516

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.0	12.0
127	12.2	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 5.646 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU031956.D
Acq: 12 May 2019 20:33

Tgt Ion:180 Resp: 195654

Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.4	117.6
145	33.2	27.4	41.0