Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

Quantitation Report (Not Reviewed)

Data File : VU033512.D
Acq On : 31 Jul 2019 09:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Quant Time: Aug 01 07:14:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:02:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	327475	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	326510	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	175077	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	108049	45.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.76%			
7) Chloroethane-d5	1.67	69	107045	52.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.26	63	202700	46.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.82%			
21) 2-Butanone-d5	4.16	46	165410	104.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.89%			
24) Chloroform-d	4.62	84	198748	49.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.29	65	123537	48.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.76%			
32) Benzene-d6	5.32	84	393781	48.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.30%			
36) 1,2-Dichloropropane-d6	6.31	67	123233	48.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.14%			
41) Toluene-d8	7.55	98	373300	49.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.44%			
43) trans-1,3-Dichloropropene-	7.83	79	60002	47.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.34%			
47) 2-Hexanone-d5	8.30	63	123177	102.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.25%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188001	48.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.10%			
64) 1,2-Dichlorobenzene-d4	11.84	152	150472	46.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	155930	50.493	ug/L	99
3) Chloromethane	1.32	50	152282	48.955	ug/L	99
5) Vinyl chloride	1.40	62	163146	48.924	ug/L	99
6) Bromomethane	1.62	94	106673	36.256	ug/L	98
8) Chloroethane	1.69	64	115051	56.779	ug/L	97
9) Trichlorofluoromethane	1.87	101	221864	50.862	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	112395	50.825	ug/L	99
12) 1,1-Dichloroethene	2.27	96	103715	48.907	ug/L	97
13) Acetone	2.32	43	181609	112.564	ug/L	99
14) Carbon disulfide	2.46	76	320002	48.110	ug/L	99
15) Methyl Acetate	2.60	43	129418	50.385	ug/L	100
16) Methylene chloride	2.68	84	119885	49.492	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	107947	48.585	ug/L	98
18) Methyl tert-butyl Ether	2.98	73	330699	48.809	ug/L	99
19) 1,1-Dichloroethane	3.42	63	203830	48.875	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	121062	48.545	ug/L	96
22) 2-Butanone	4.25	43	212482	110.317	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

Quantitation Report (Not Reviewed)

Data File : VU033512.D
Acq On : 31 Jul 2019 09:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Quant Time: Aug 01 07:14:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:02:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	65112	50.041	ug/L	95
25) Chloroform	4.65	83	212745	48.475	ug/L	100
27) 1,2-Dichloroethane	5.38	62	165515	48.978	ug/L	100
29) Cyclohexane	4.97	56	175916	49.394	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	183040	48.721	ug/L	99
31) Carbon tetrachloride	5.11	117	163389	49.940	ug/L	100
33) Benzene	5.37	78	463708	49.230	ug/L	100
34) Trichloroethene	6.16	95	119880	48.248	ug/L	98
35) Methylcyclohexane	6.40	83	197804	51.016	ug/L	99
37) 1,2-Dichloropropane	6.41	63	123207	48.867	ug/L	99
38) Bromodichloromethane	6.74	83	159634	48.977	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	192359	48.881	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	352141	101.158	ug/L	99
42) Toluene	7.62	91	508639	50.219	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	175524	49.355	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	116063	48.490	ug/L	97
46) Tetrachloroethene	8.21	164	100135	49.364	ug/L	98
48) 2-Hexanone	8.35	43	293053	104.149	ug/L	98
49) Dibromochloromethane	8.46	129	134896	49.535	ug/L	99
50) 1,2-Dibromoethane	8.57	107	130053	49.052	ug/L	98
51) Chlorobenzene	9.10	112	322822	48.684	ug/L	100
52) Ethylbenzene	9.23	91	543167	49.803	ug/L	100
53) m,p-Xylene	9.36	106	210667	50.315	ug/L	97
54) o-xylene	9.76	106	202173	49.777	ug/L	96
55) Styrene	9.77	104	353980	51.315	ug/L	100
56) Isopropylbenzene	10.15	105	530393	49.980	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	210013	48.647	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	163225	49.046	ug/L	100
61) Bromoform	9.94	173	104067	49.208	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	263899	49.081	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	269778	48.294	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	265547	48.845	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	49926	49.705	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	208441	48.052	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	179685	48.478	ug/L	99
69) Naphthalene	13.73	128	519426	48.845	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	188873	48.452	ug/L	99

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

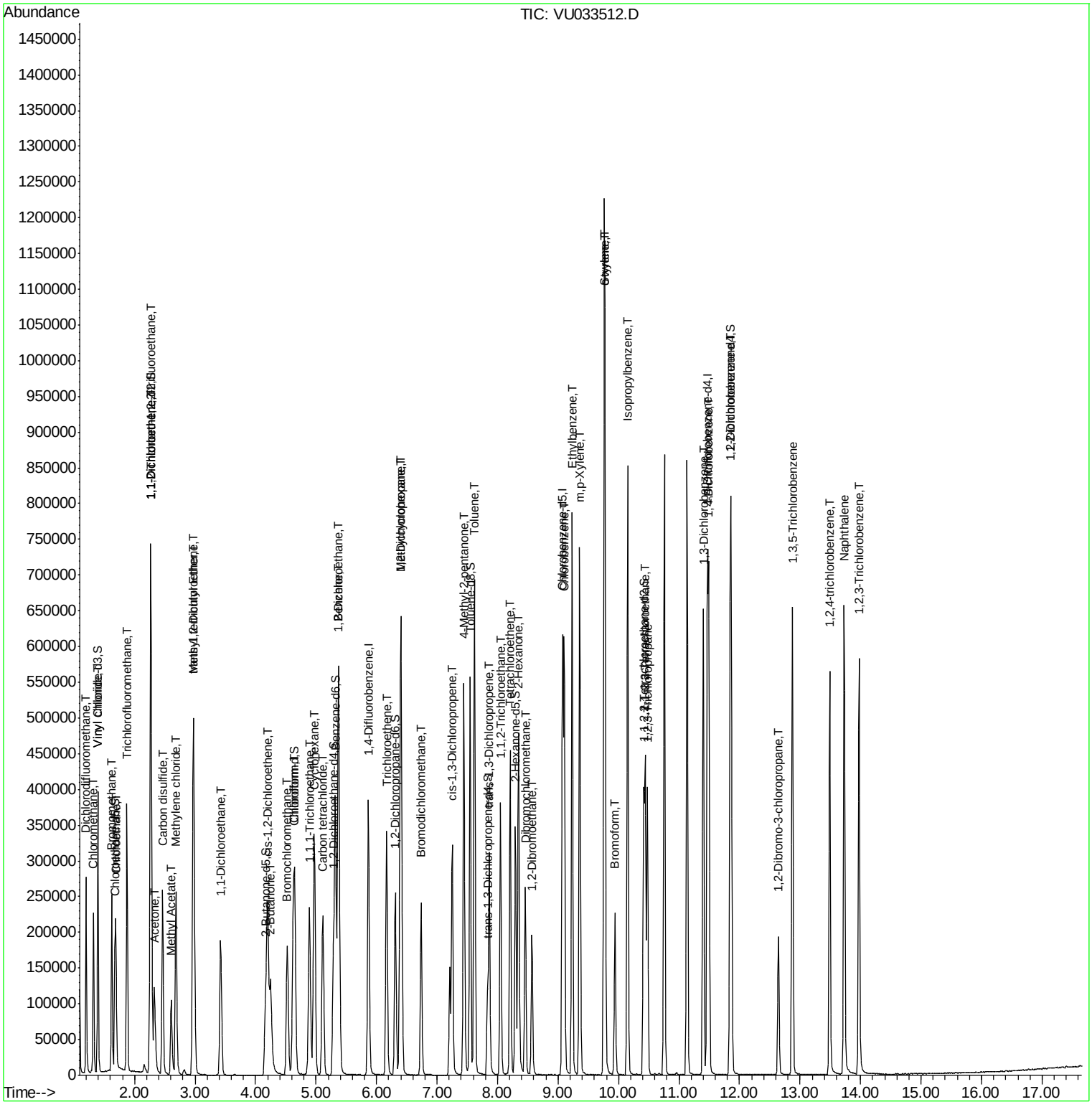
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

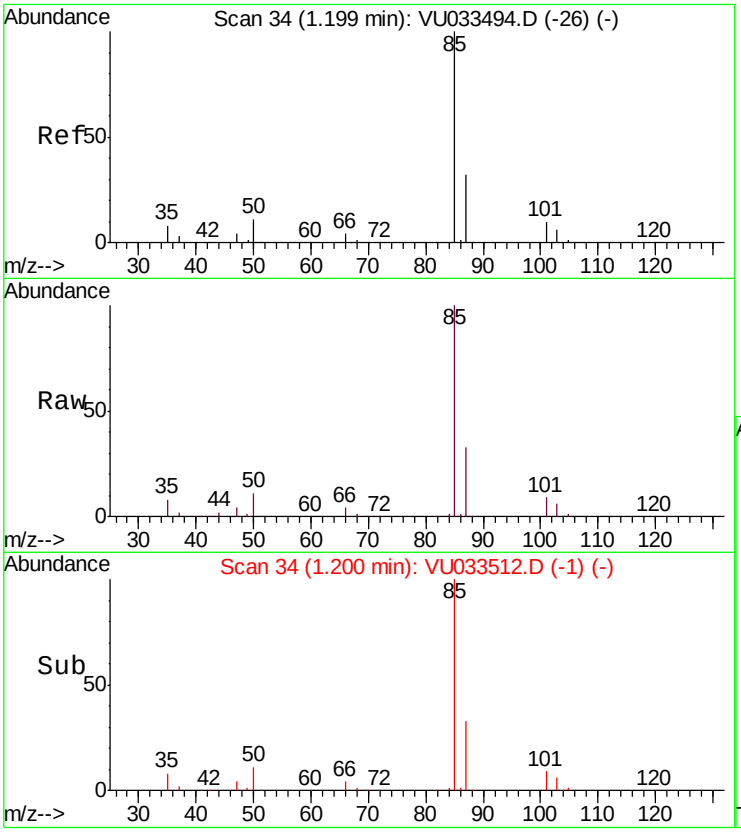
Quantitation Report (Not Reviewed)

Data File : VU033512.D
Acq On : 31 Jul 2019 09:47
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Quant Time: Aug 01 07:14:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:02:52 2019
Response via : Initial Calibration



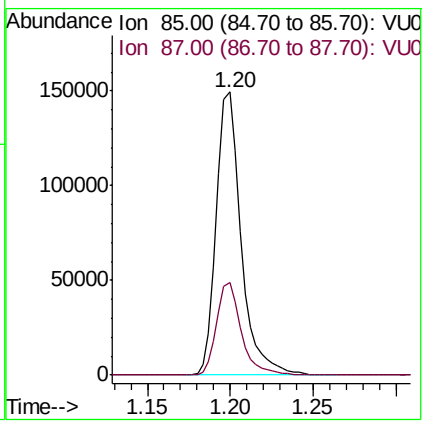


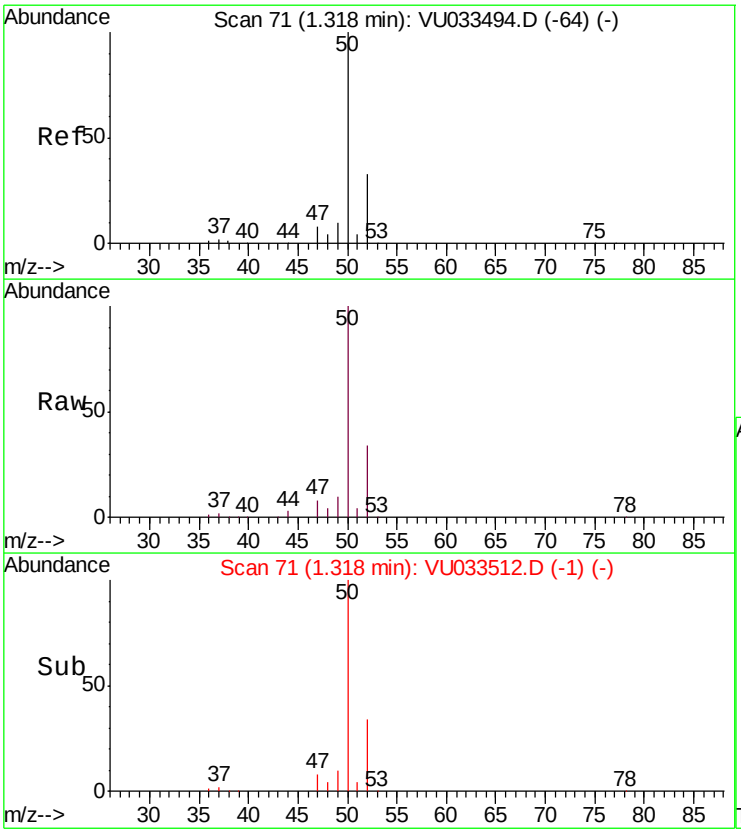
#2
Dichlorodifluoromethane
Concen: 50.493 ug/L
RT: 1.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 85 Resp: 155930

Ion	Ratio	Lower	Upper
85	100		
87	32.5	25.4	38.2

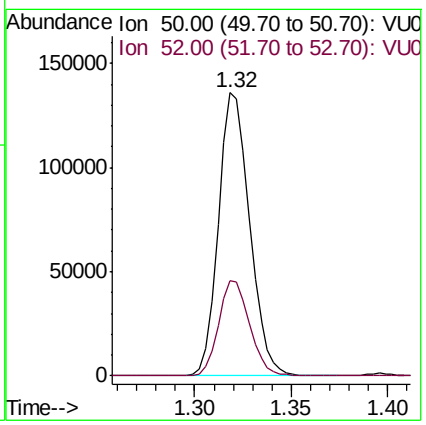


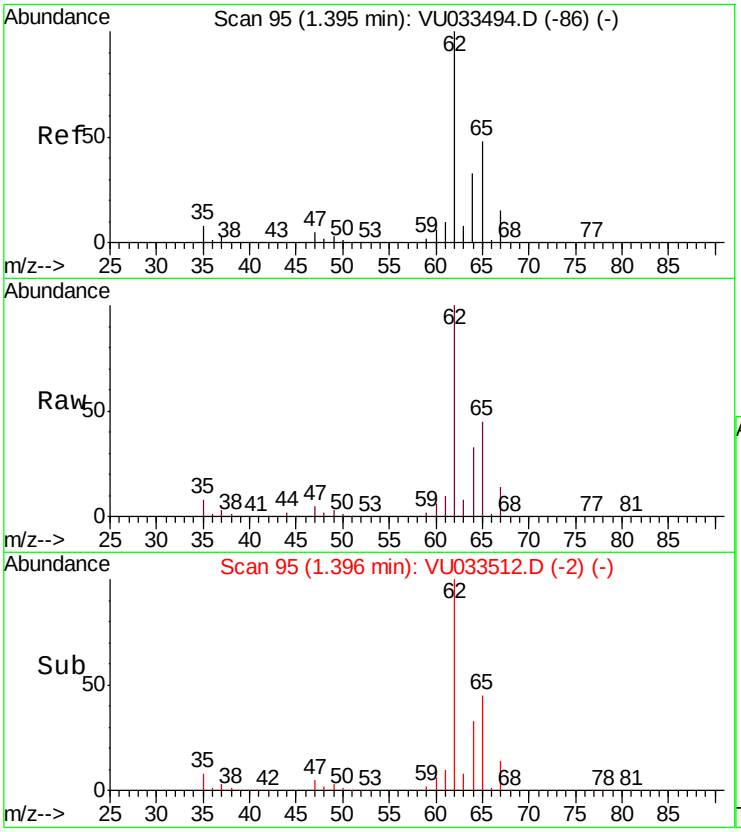


#3
Chloromethane
Concen: 48.955 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 50 Resp: 152282

Ion	Ratio	Lower	Upper
50	100		
52	33.6	23.1	42.9



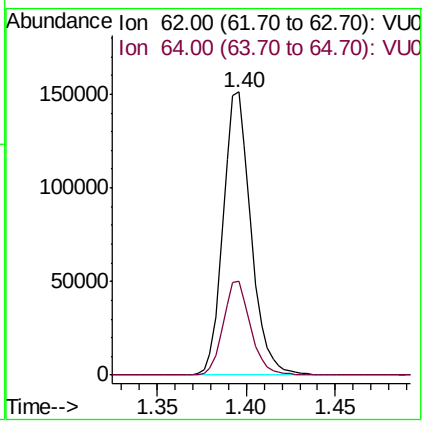


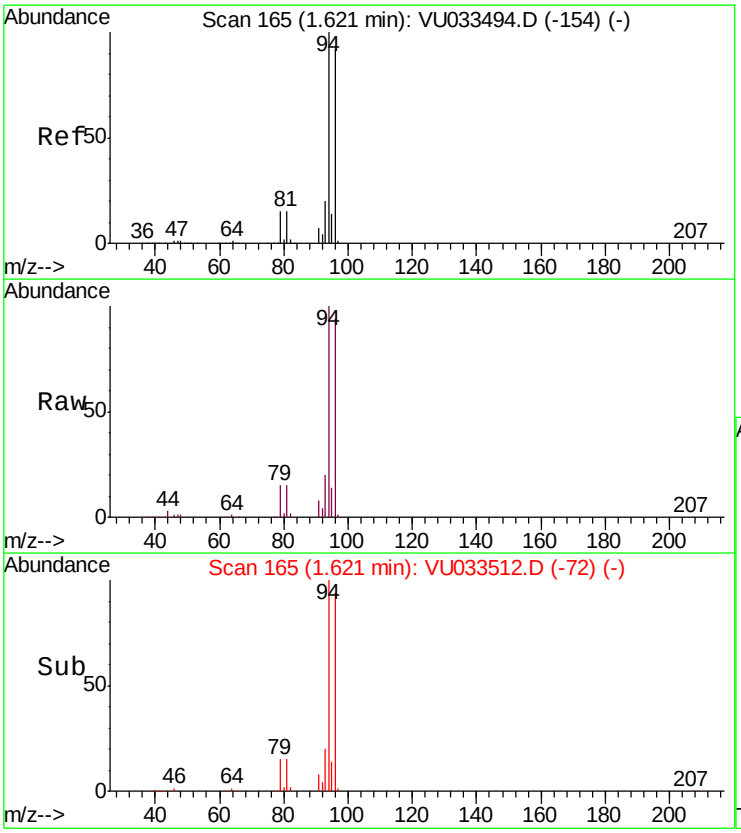
#5
Vinyl chloride
Concen: 48.924 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 62 Resp: 163146

Ion	Ratio	Lower	Upper
62	100		
64	33.1	23.4	43.4

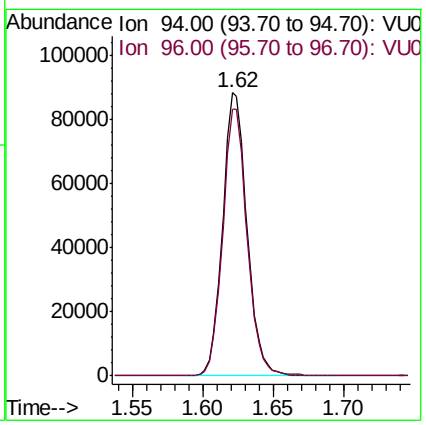


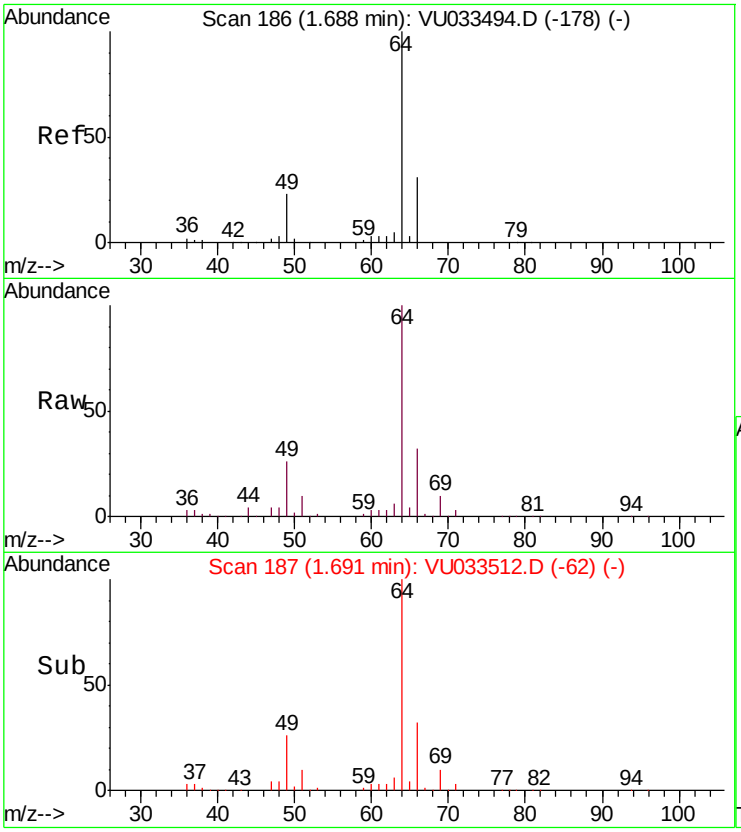


#6
Bromomethane
Concen: 36.256 ug/L
RT: 1.62 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 94 Resp: 106673

Ion	Ratio	Lower	Upper
94	100		
96	94.4	64.4	119.6



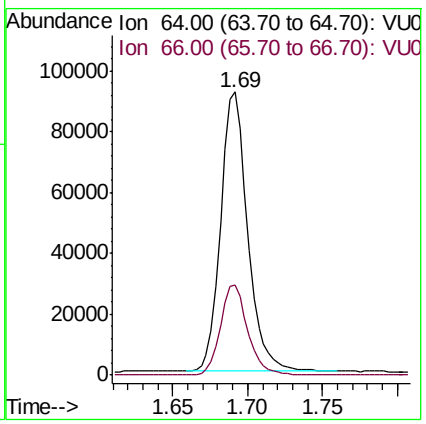


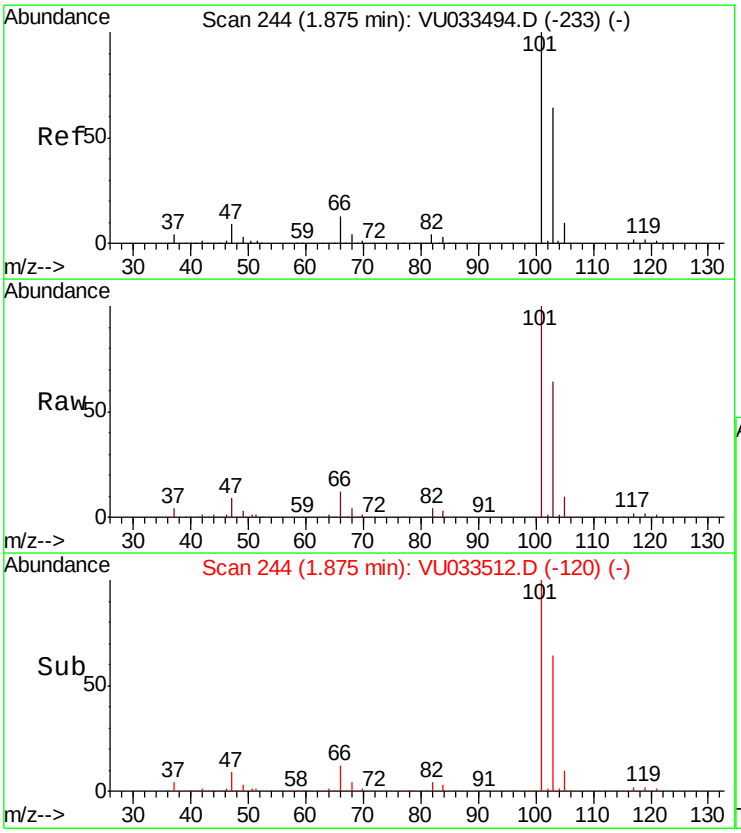
#8
Chloroethane
Concen: 56.779 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 64 Resp: 115051

Ion	Ratio	Lower	Upper
64	100		
66	32.0	21.1	39.3

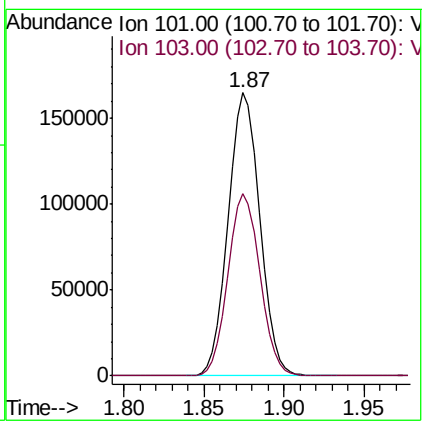


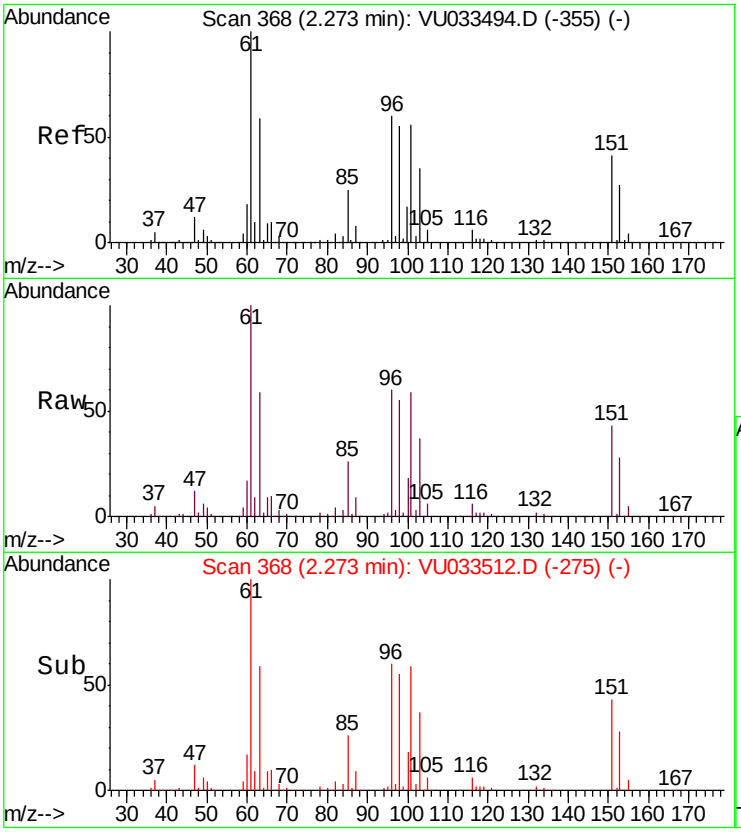


#9
Trichlorofluoromethane
Concen: 50.862 ug/L
RT: 1.87 min Scan# 244
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:101 Resp: 221864

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.6	77.4



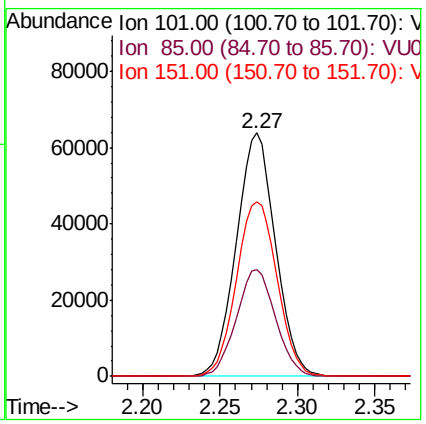


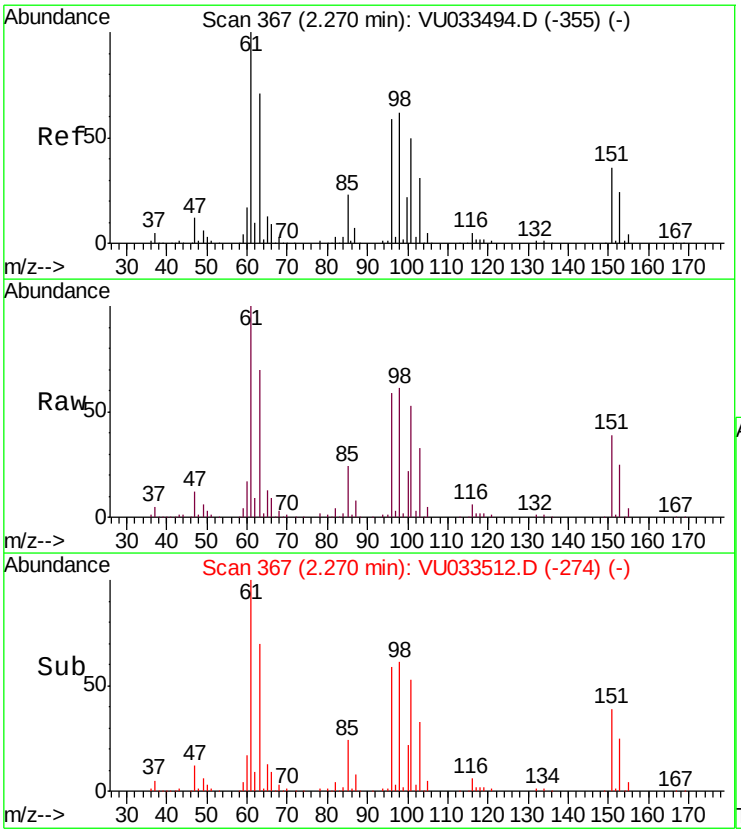
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.825 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:101 Resp: 112395

Ion	Ratio	Lower	Upper
101	100		
85	44.0	35.8	53.8
151	74.6	60.1	90.1

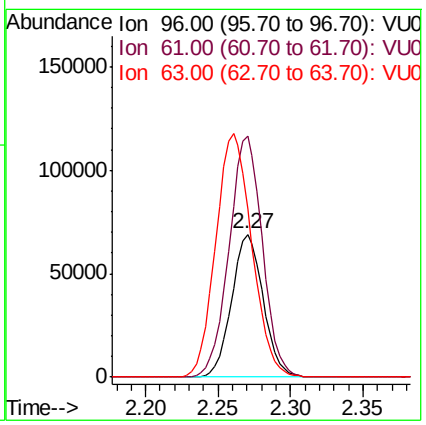


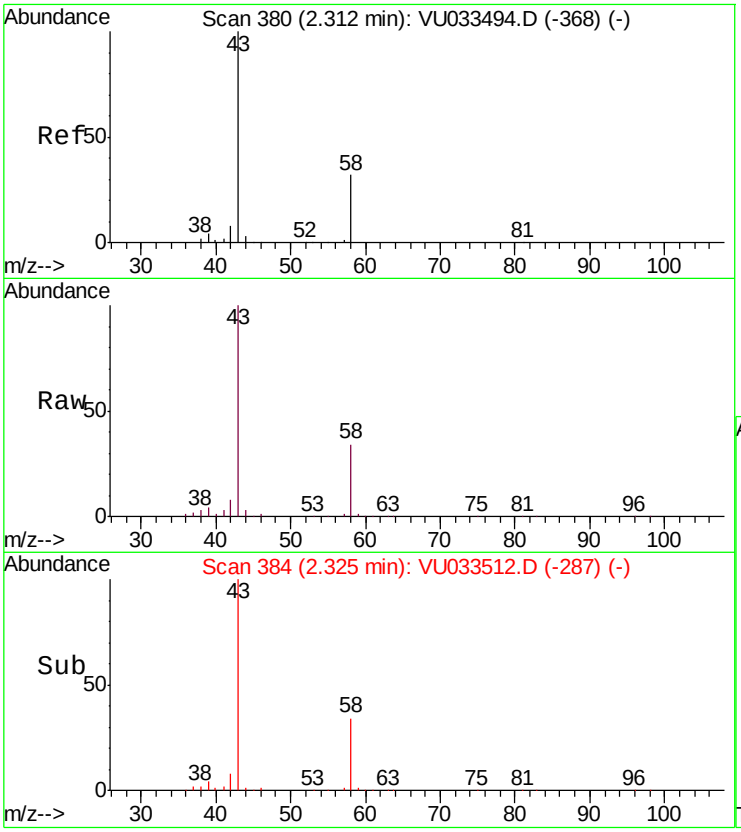


#12
1,1-Dichloroethene
Concen: 48.907 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 96 Resp: 103715

Ion	Ratio	Lower	Upper
96	100		
61	168.6	119.3	221.5
63	118.2	86.6	160.8



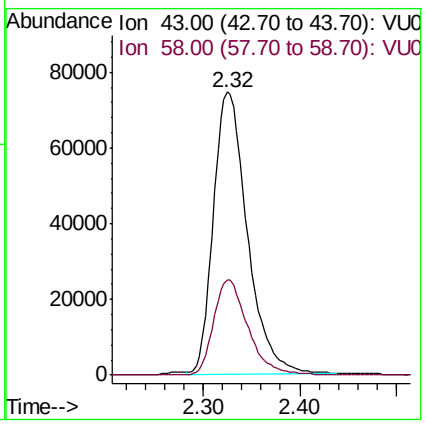


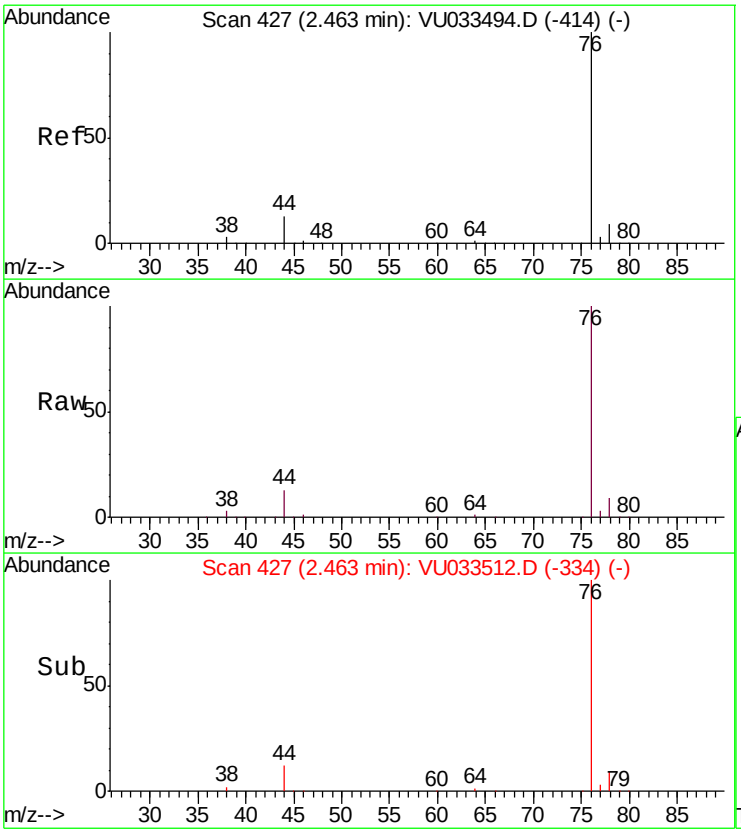
#13
Acetone
Concen: 112.564 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 43 Resp: 181609

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	66.2

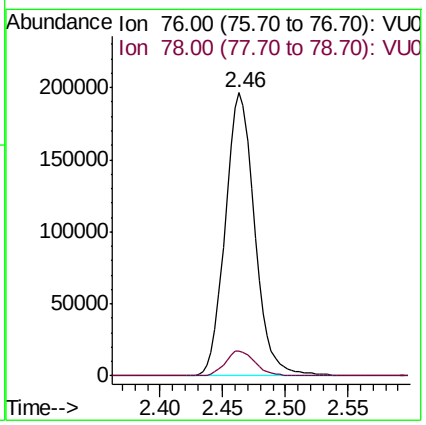


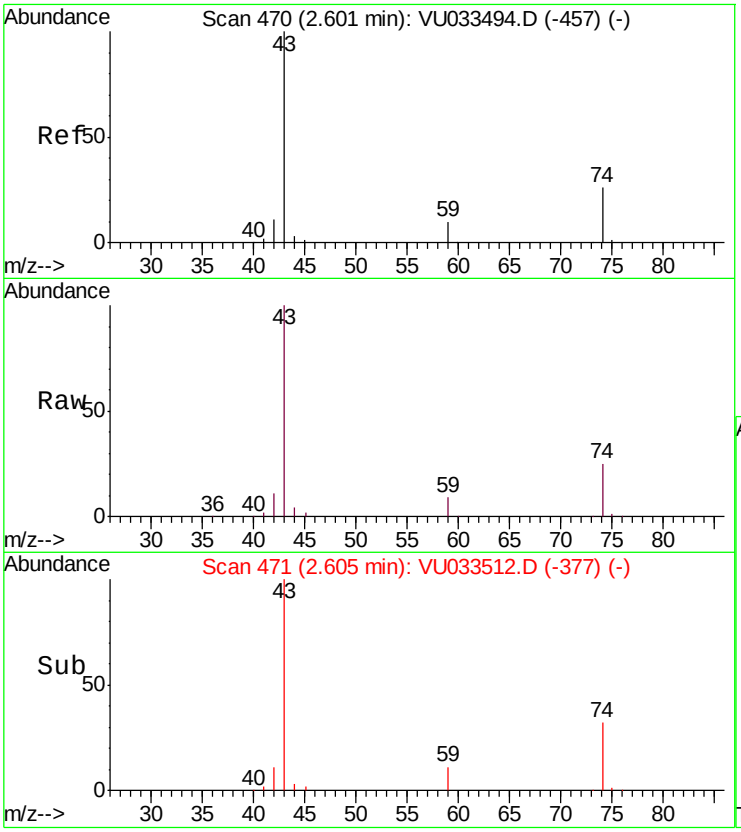


#14
Carbon disulfide
Concen: 48.110 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 76 Resp: 320002

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0



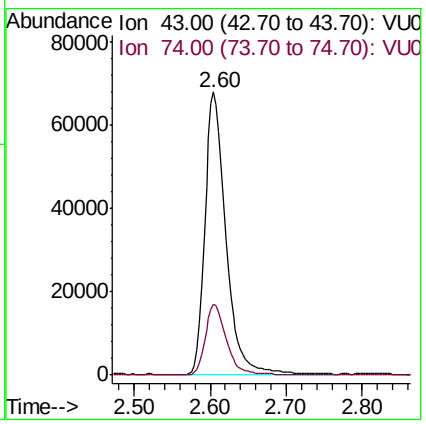


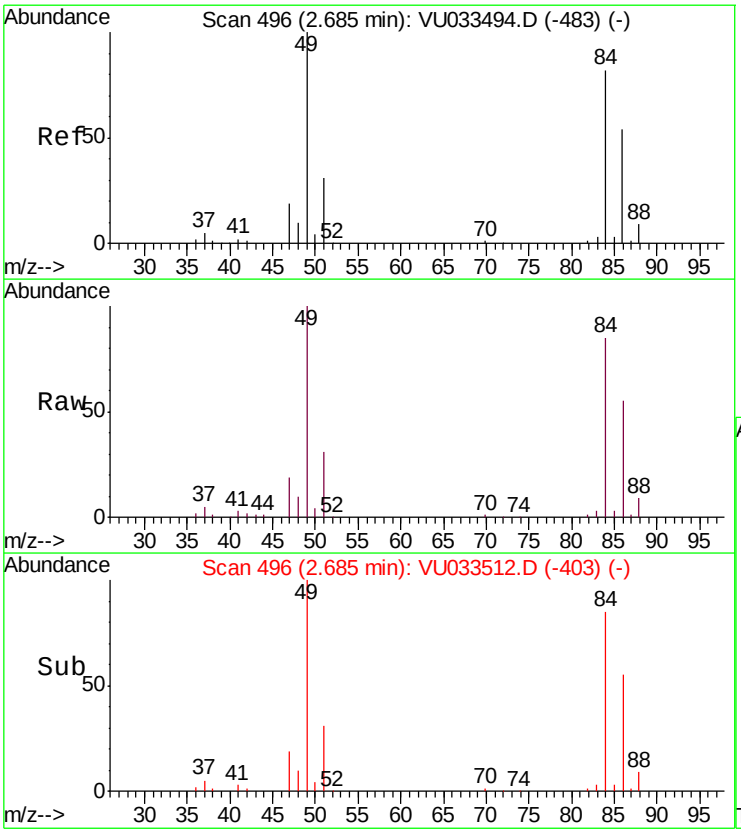
#15
Methyl Acetate
Concen: 50.385 ug/L
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 43 Resp: 129418

Ion	Ratio	Lower	Upper
43	100		
74	25.0	20.1	30.1

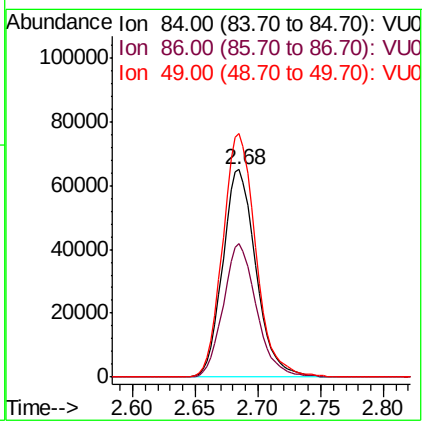


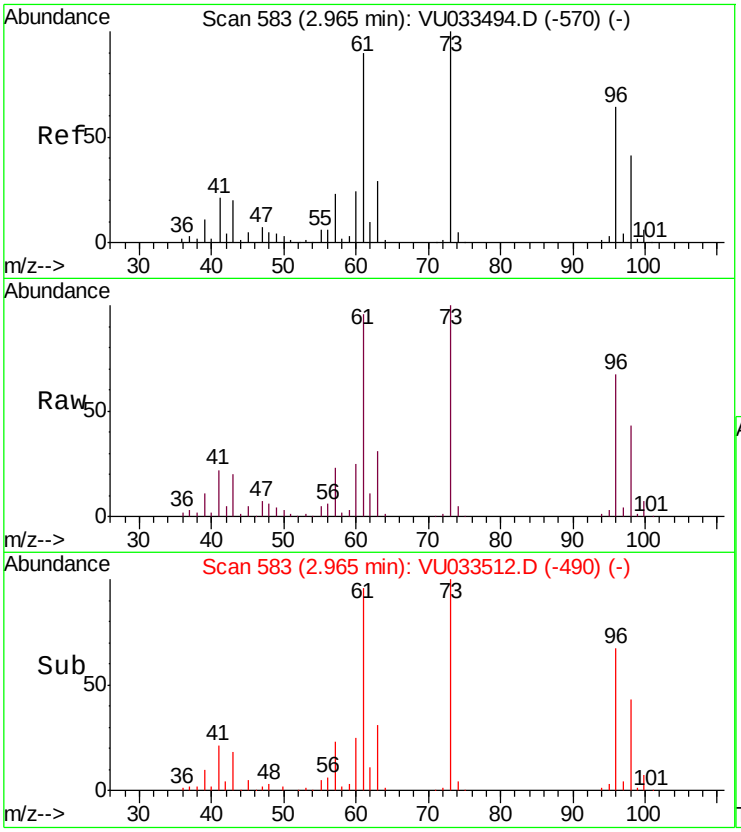


#16
Methylene chloride
Concen: 49.492 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 84 Resp: 119885

Ion	Ratio	Lower	Upper
84	100		
86	64.4	45.7	84.9
49	117.3	85.0	158.0



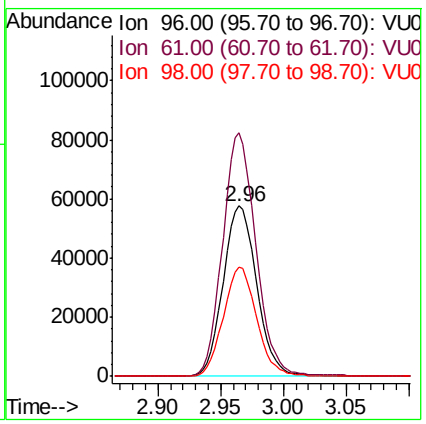


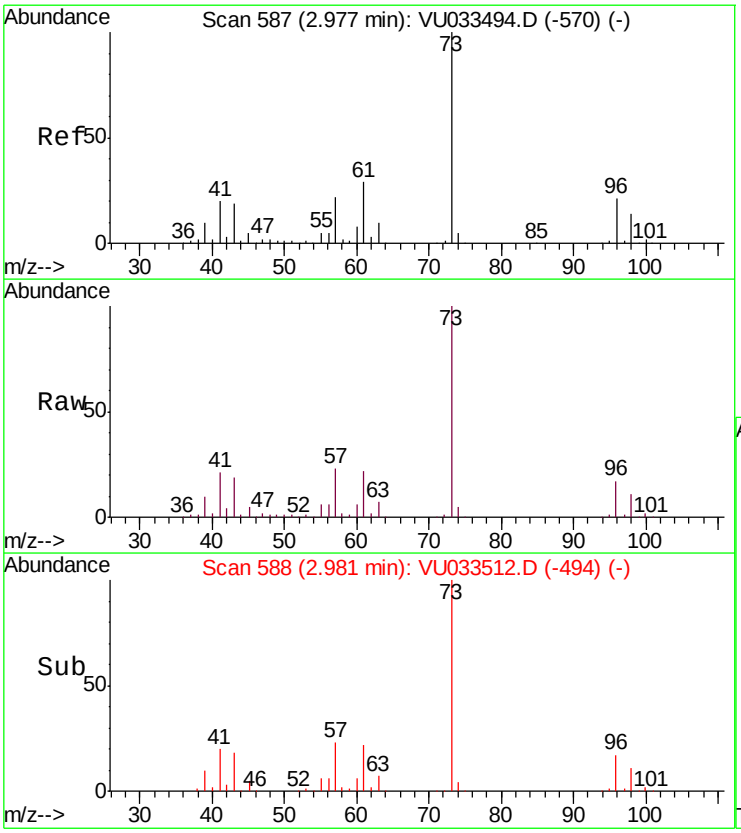
#17
trans-1,2-Dichloroethene
Concen: 48.585 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 96 Resp: 107947

Ion	Ratio	Lower	Upper
96	100		
61	142.8	98.3	182.5
98	64.4	44.3	82.3

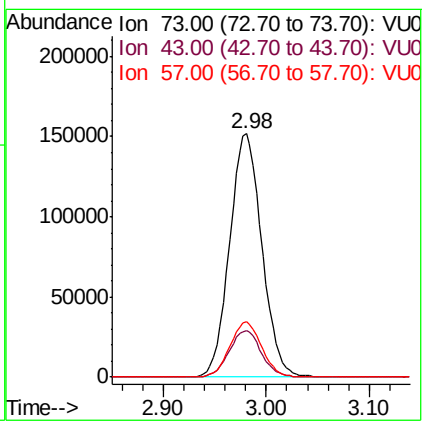


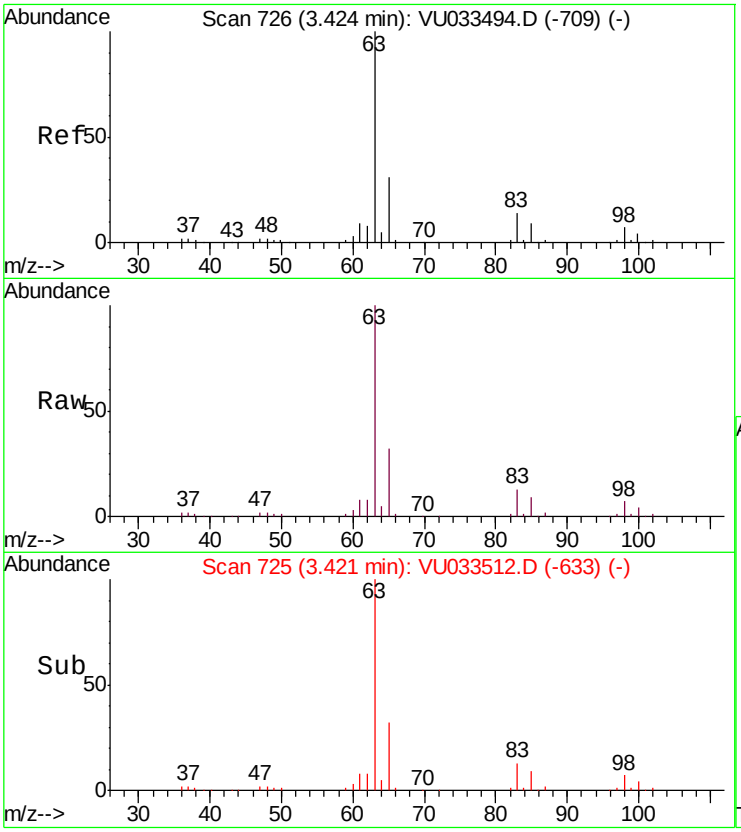


#18
Methyl tert-butyl Ether
Concen: 48.809 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 73 Resp: 330699

Ion	Ratio	Lower	Upper
73	100		
43	18.8	15.4	23.2
57	22.2	17.4	26.2



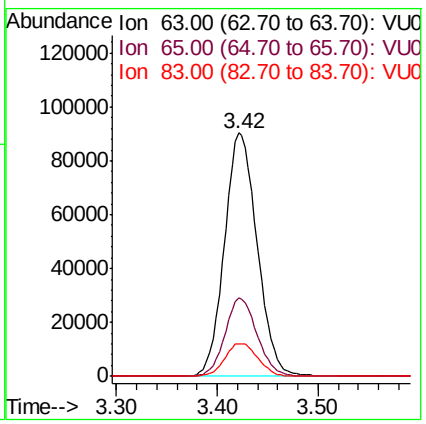


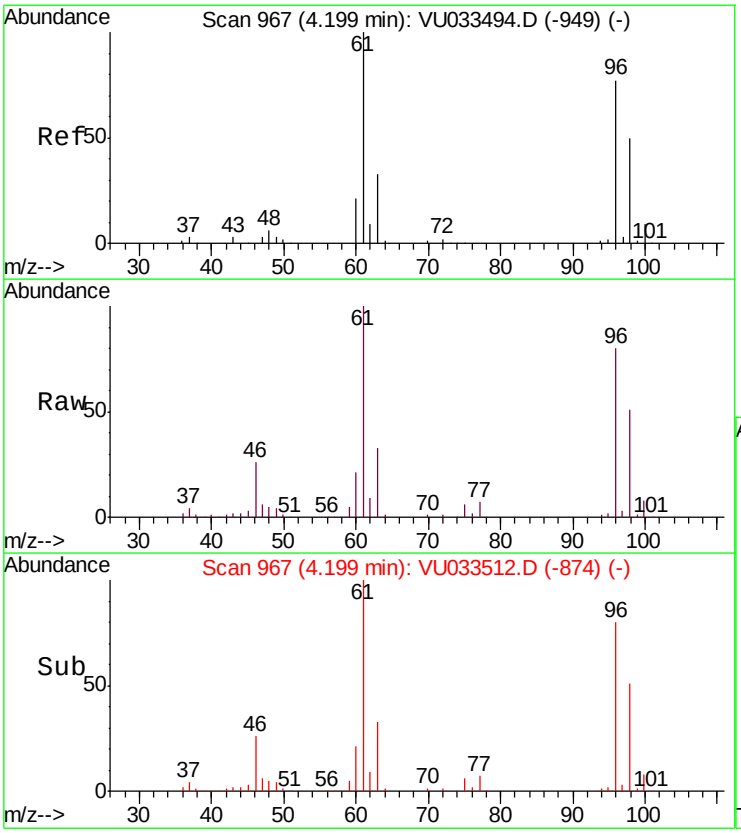
#19
1,1-Dichloroethane
Concen: 48.875 ug/L
RT: 3.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Tgt Ion: 63 Resp: 203830

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	40.8
83	13.4	9.5	17.7

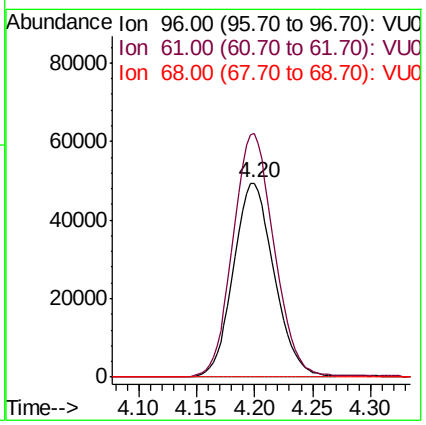


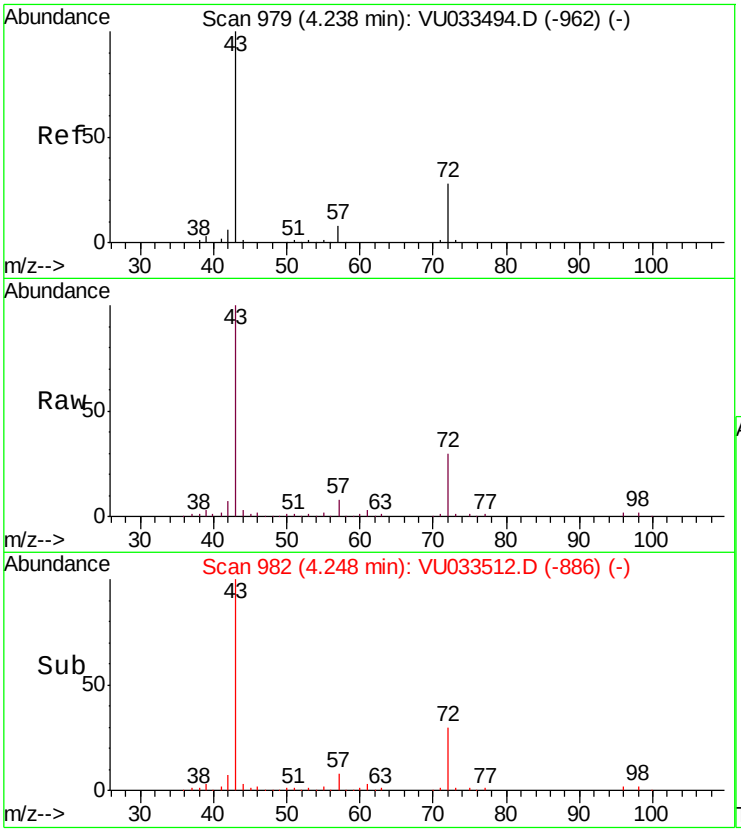


#20
cis-1,2-Dichloroethene
Concen: 48.545 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 96 Resp: 121062

Ion	Ratio	Lower	Upper
96	100		
61	125.6	91.3	169.6
68	0.0	0.0	0.0



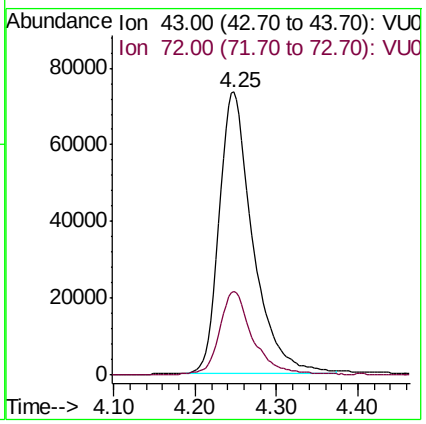


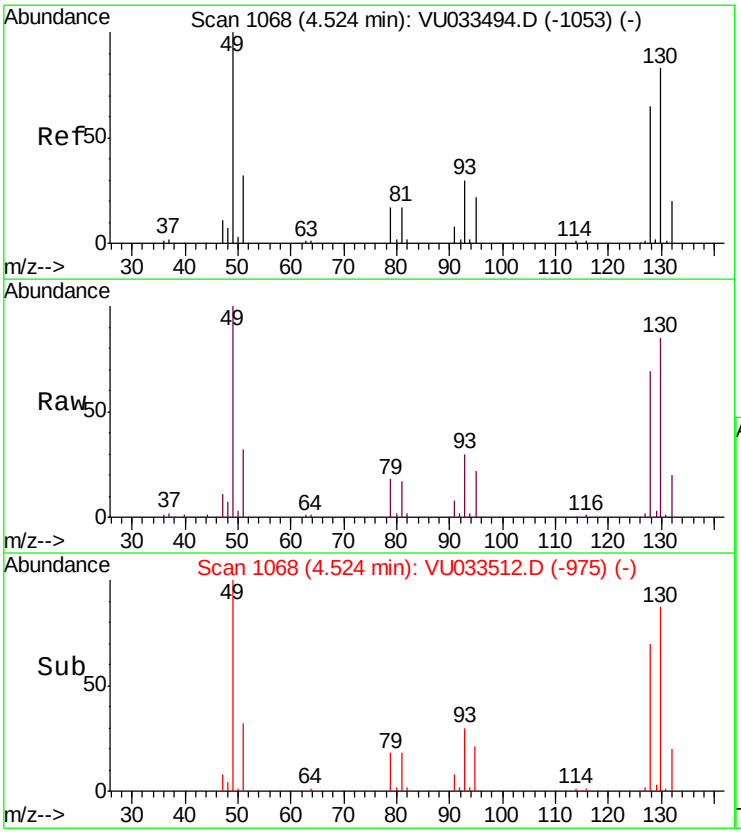
#22
2-Butanone
Concen: 110.317 ug/L
RT: 4.25 min Scan# 982
Delta R.T. 0.01 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 43 Resp: 212482

Ion	Ratio	Lower	Upper
43	100		
72	29.7	14.2	42.6

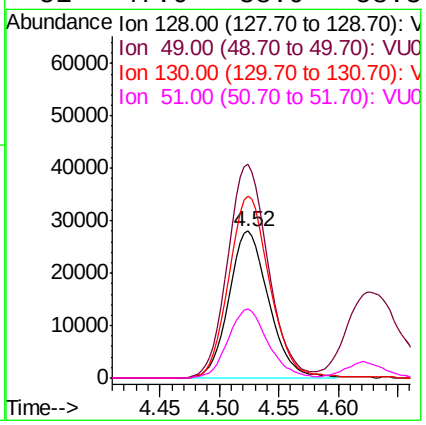


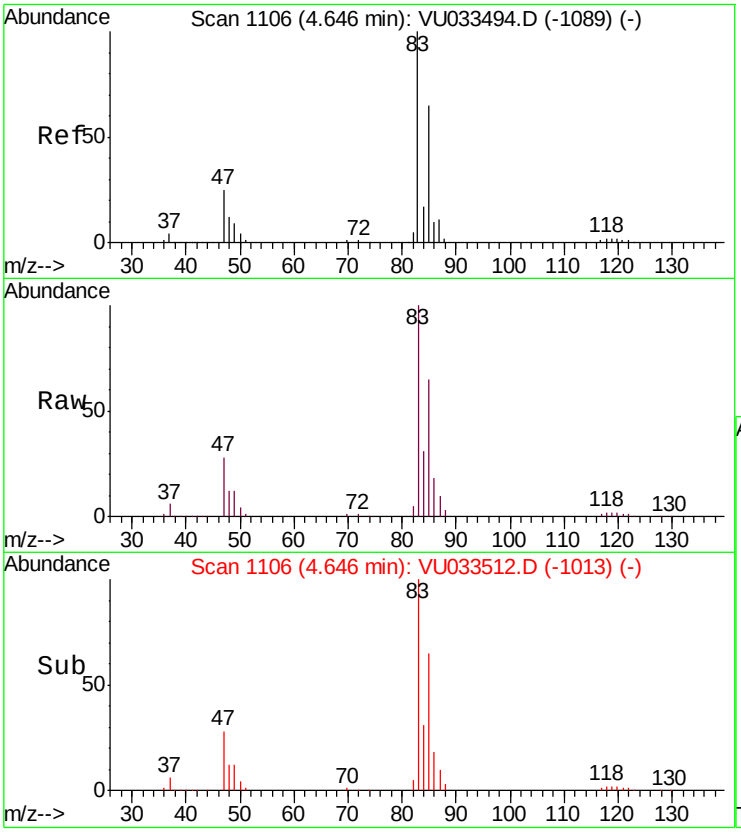


#23
Bromochloromethane
Concen: 50.041 ug/L
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:128 Resp: 65112

Ion	Ratio	Lower	Upper
128	100		
49	145.4	108.4	201.2
130	123.8	89.7	166.5
51	47.0	38.9	58.3



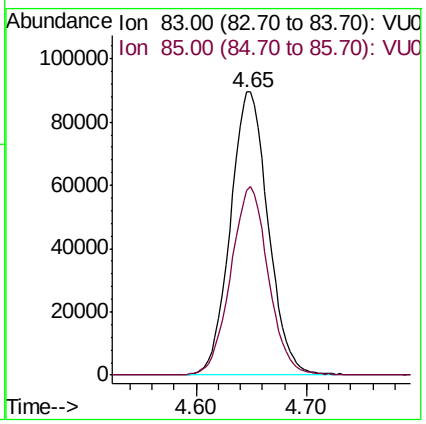


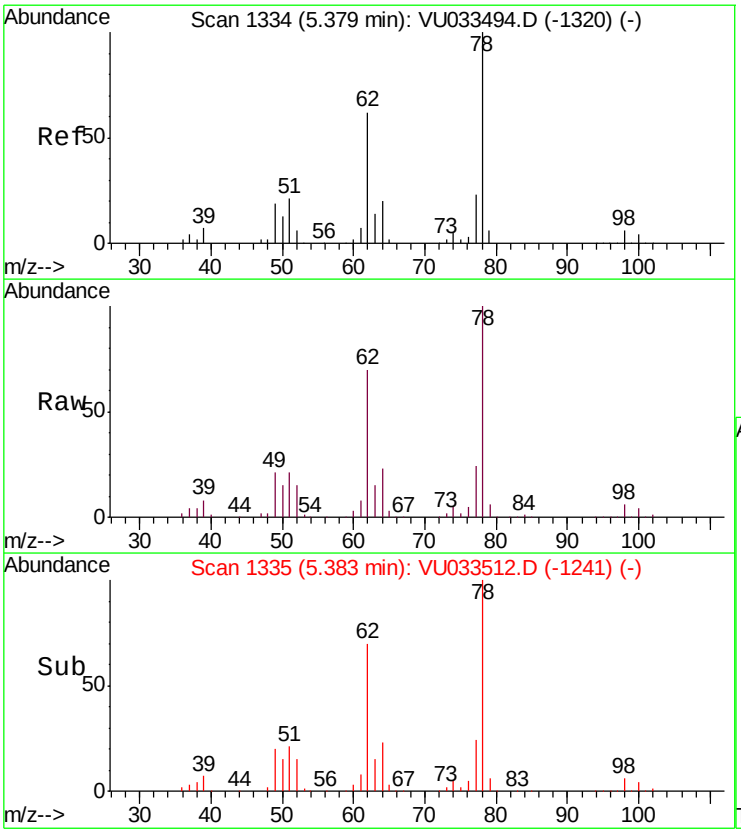
#25
Chloroform
Concen: 48.475 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 83 Resp: 212745

Ion	Ratio	Lower	Upper
83	100		
85	65.5	45.6	84.8

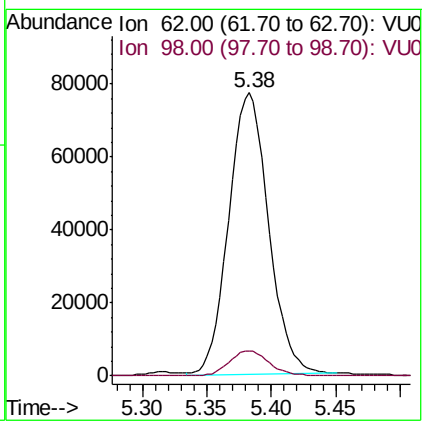


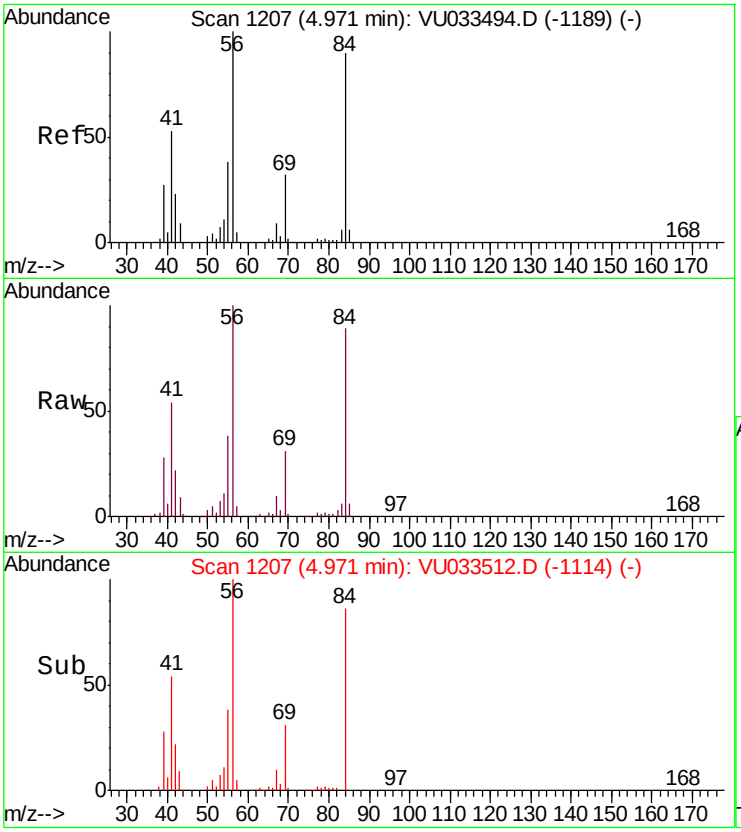


#27
1,2-Dichloroethane
Concen: 48.978 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 62 Resp: 165515

Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.2	10.8



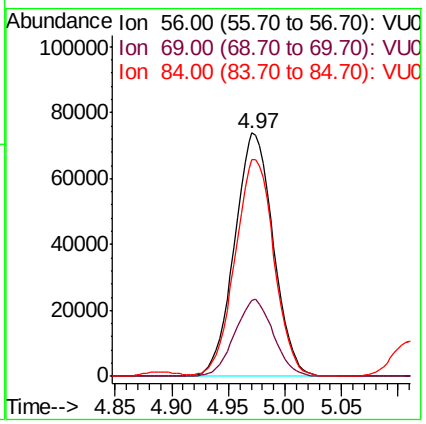


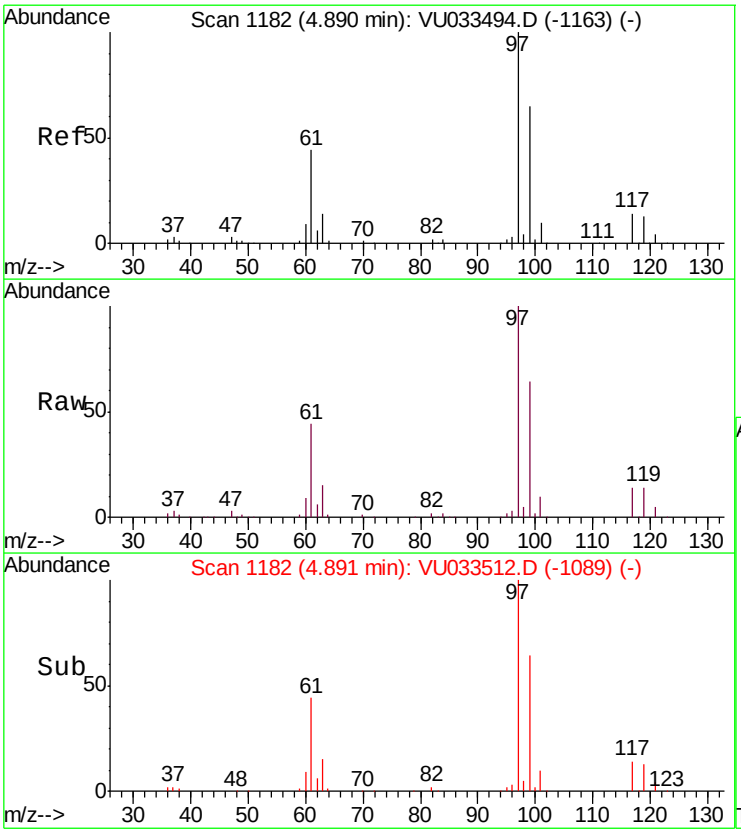
#29
Cyclohexane
Concen: 49.394 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 56 Resp: 175916

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	90.0	71.6	107.4

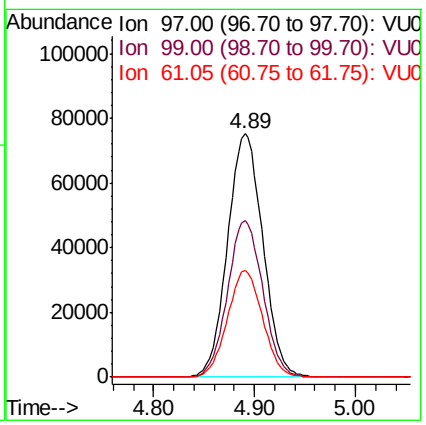


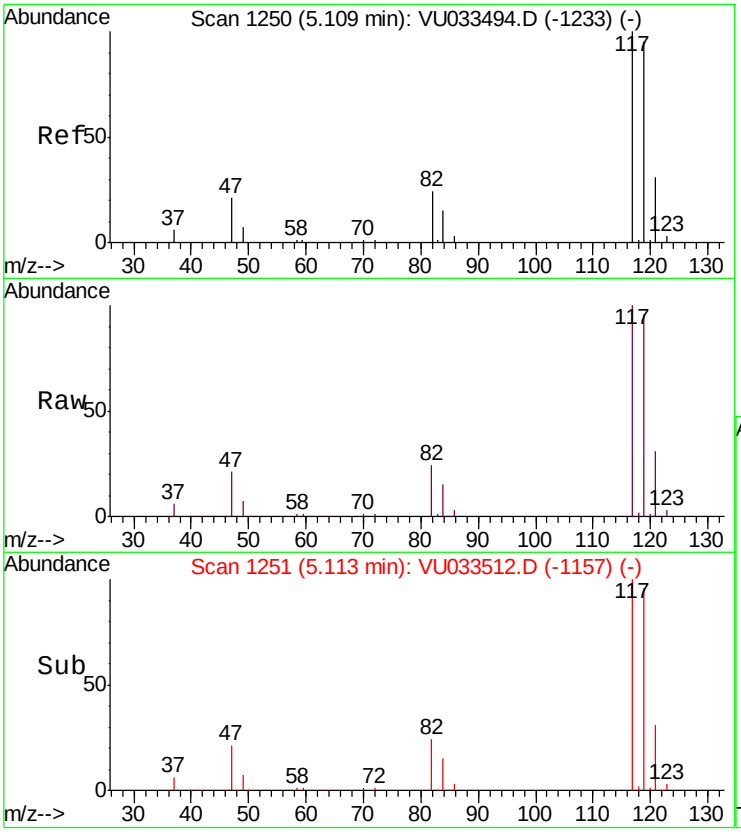


#30
1,1,1-Trichloroethane
Concen: 48.721 ug/L
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 97 Resp: 183040

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.1	76.7
61	43.6	35.5	53.3



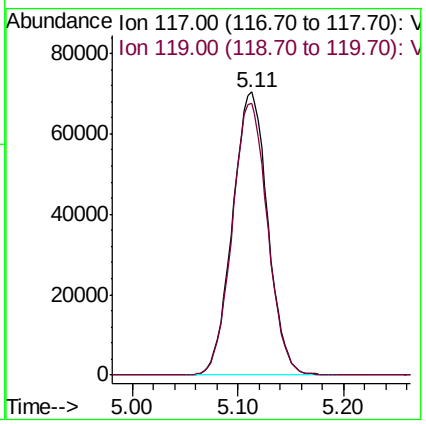


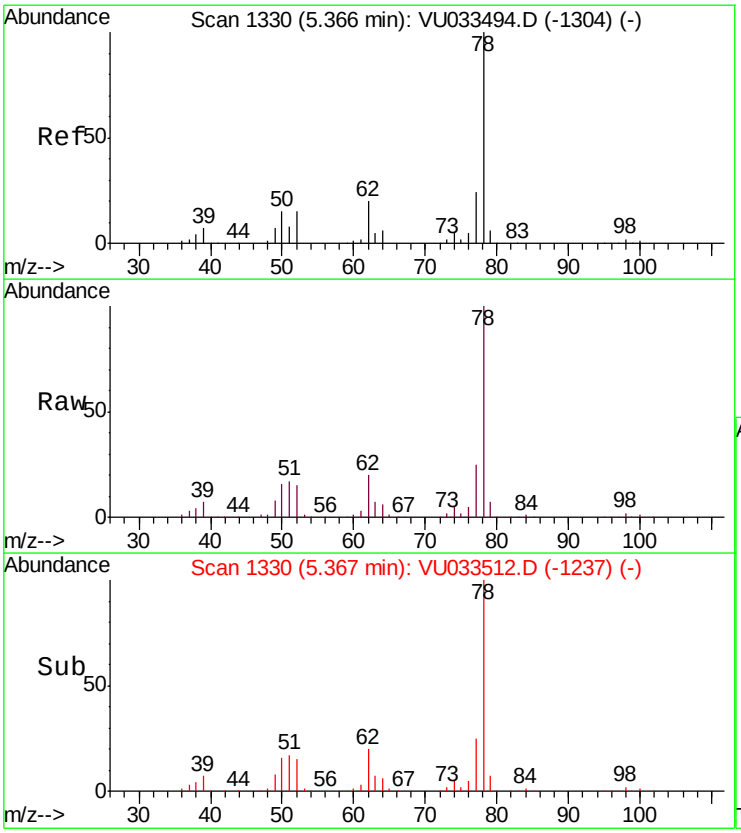
#31
Carbon tetrachloride
Concen: 49.940 ug/L
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:117 Resp: 163389

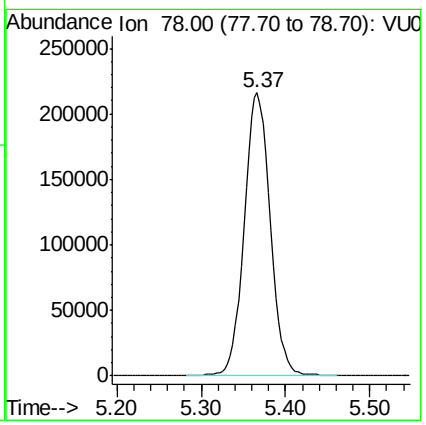
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4

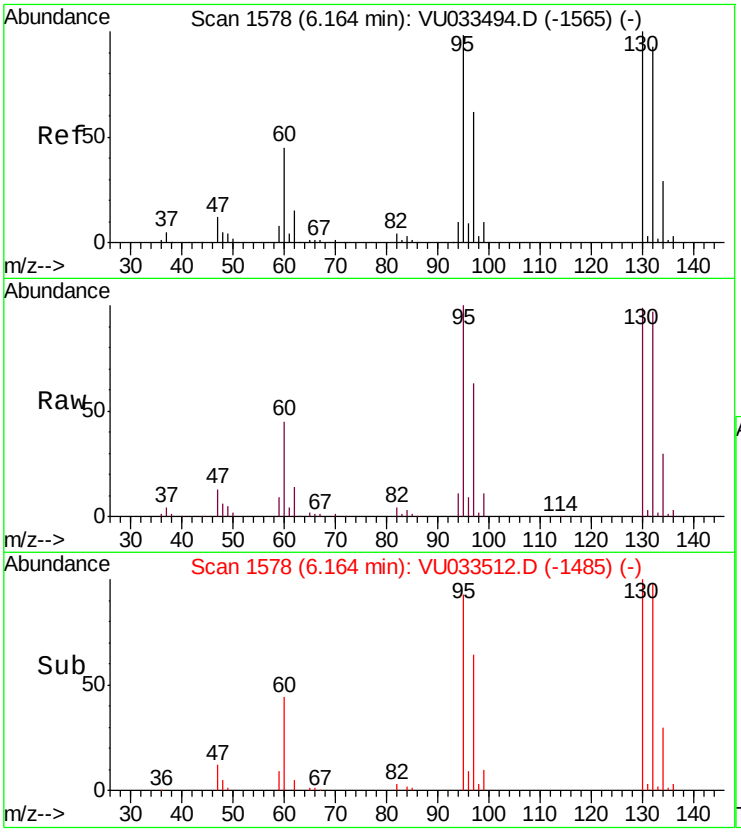




#33
Benzene
Concen: 49.230 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 78 Resp: 463708



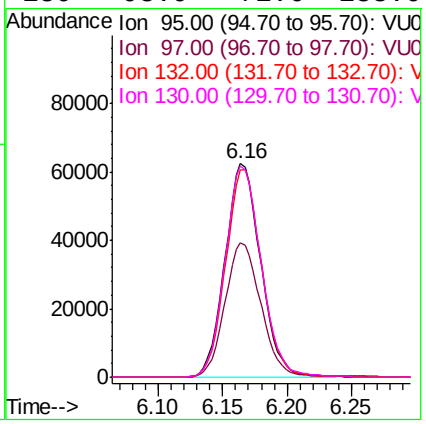


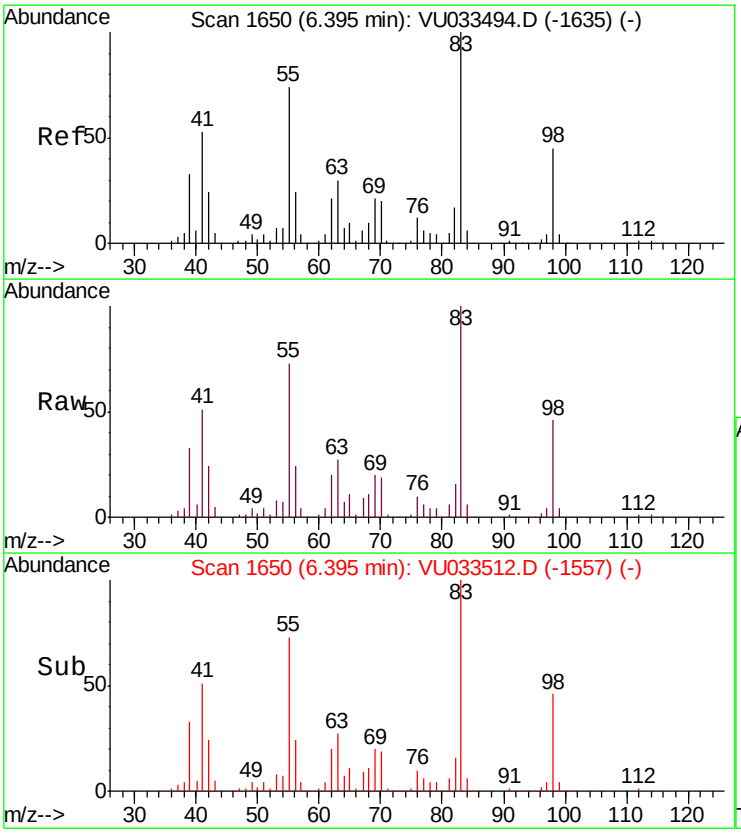
#34
Trichloroethene
Concen: 48.248 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 95 Resp: 119880

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.7	83.1
132	97.0	66.8	124.0
130	98.9	71.6	133.0

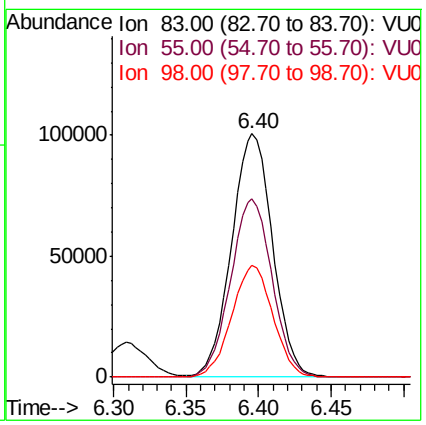


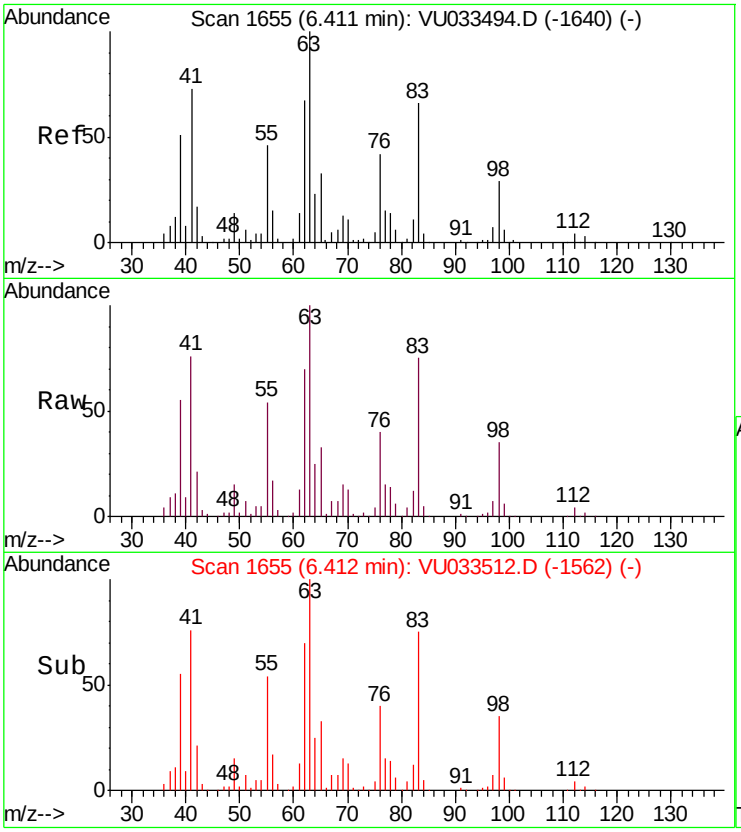


#35
Methylcyclohexane
Concen: 51.016 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 83 Resp: 197804

Ion	Ratio	Lower	Upper
83	100		
55	73.9	60.2	90.4
98	45.9	36.5	54.7



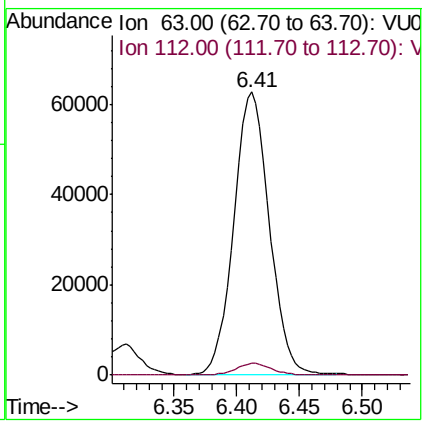


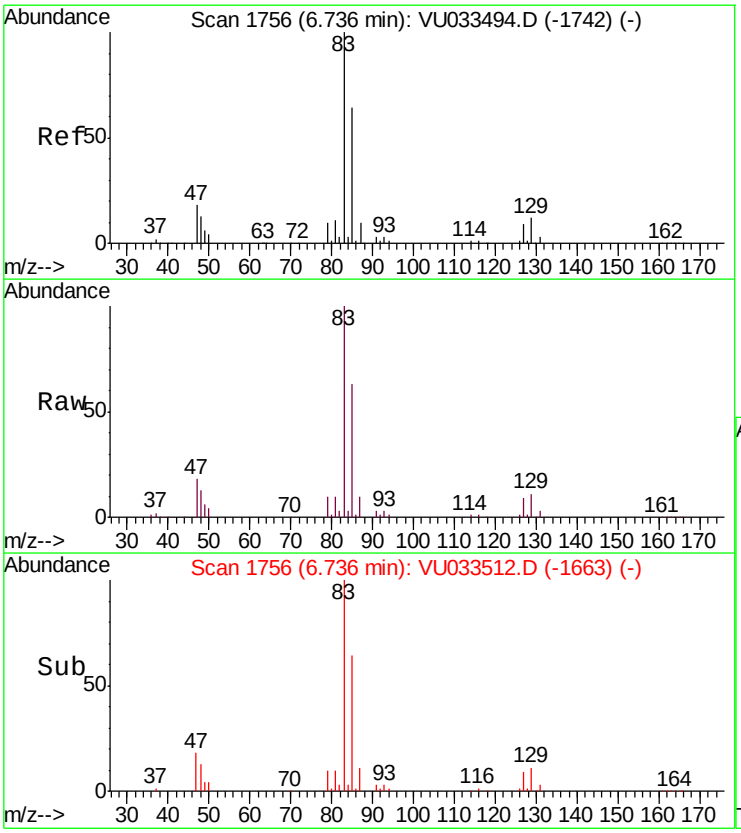
#37
1,2-Dichloropropane
Concen: 48.867 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 63 Resp: 123207

Ion	Ratio	Lower	Upper
63	100		
112	4.2	3.0	4.6

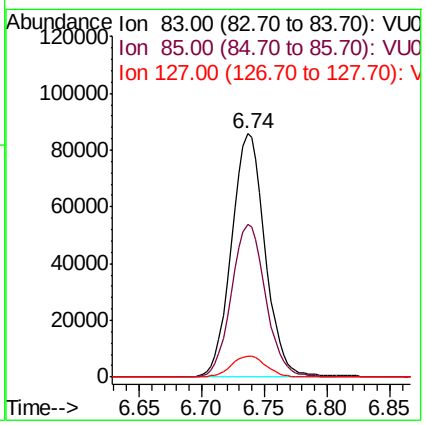


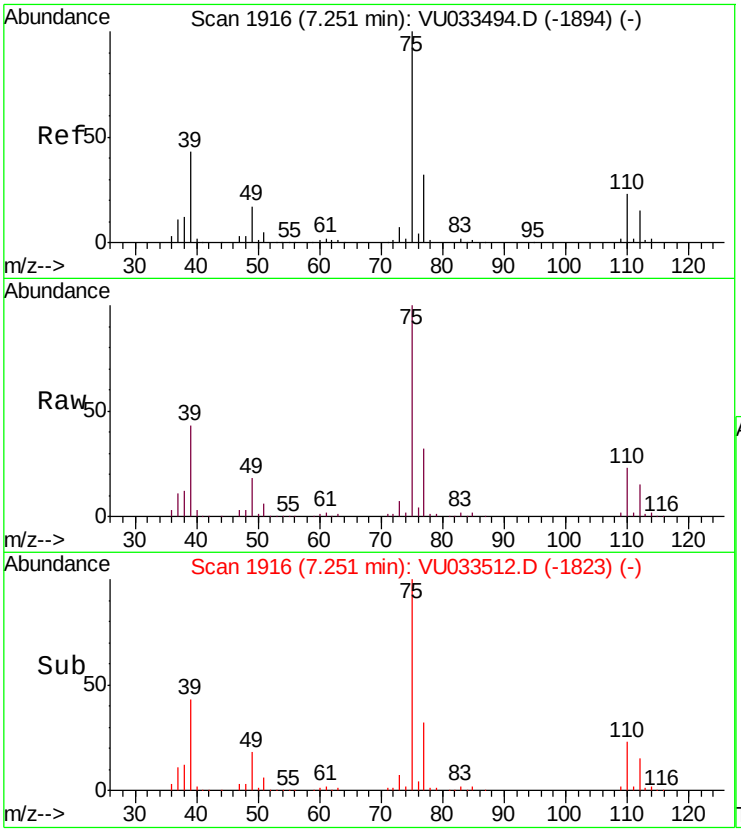


#38
Bromodichloromethane
Concen: 48.977 ug/L
RT: 6.74 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 83 Resp: 159634

Ion	Ratio	Lower	Upper
83	100		
85	62.9	45.1	83.9
127	8.6	7.2	10.8



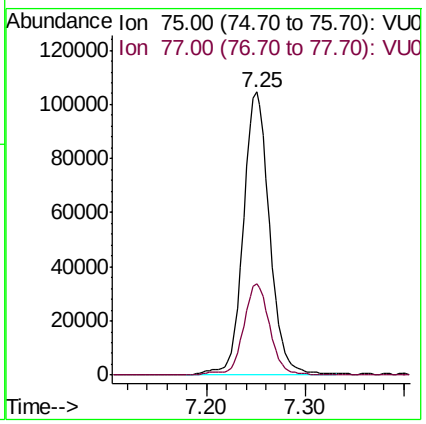


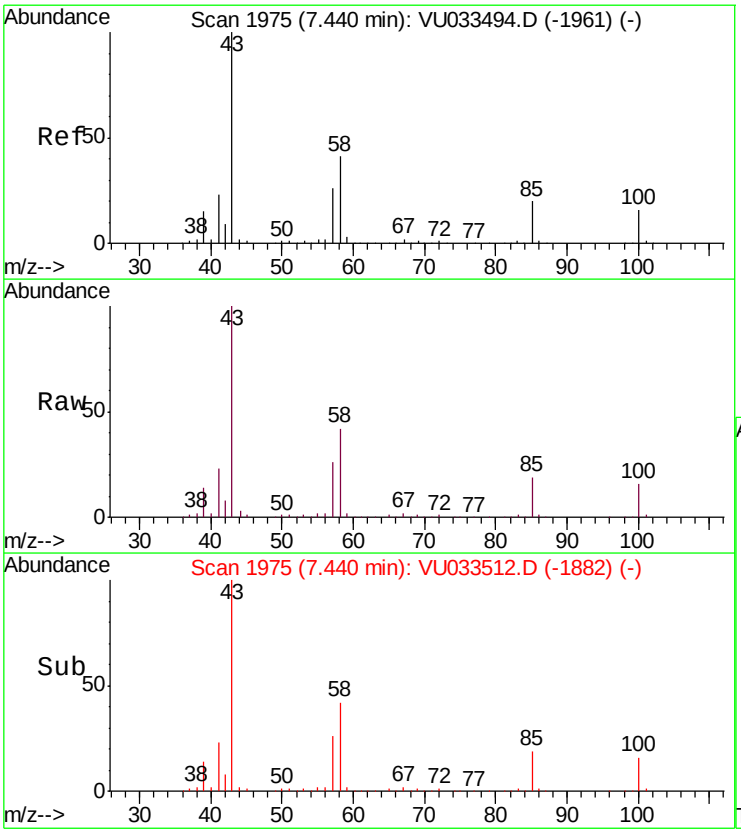
#39
cis-1,3-Dichloropropene
Concen: 48.881 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 75 Resp: 192359

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.3	41.5

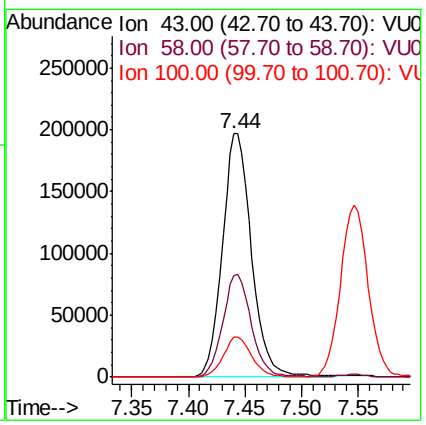


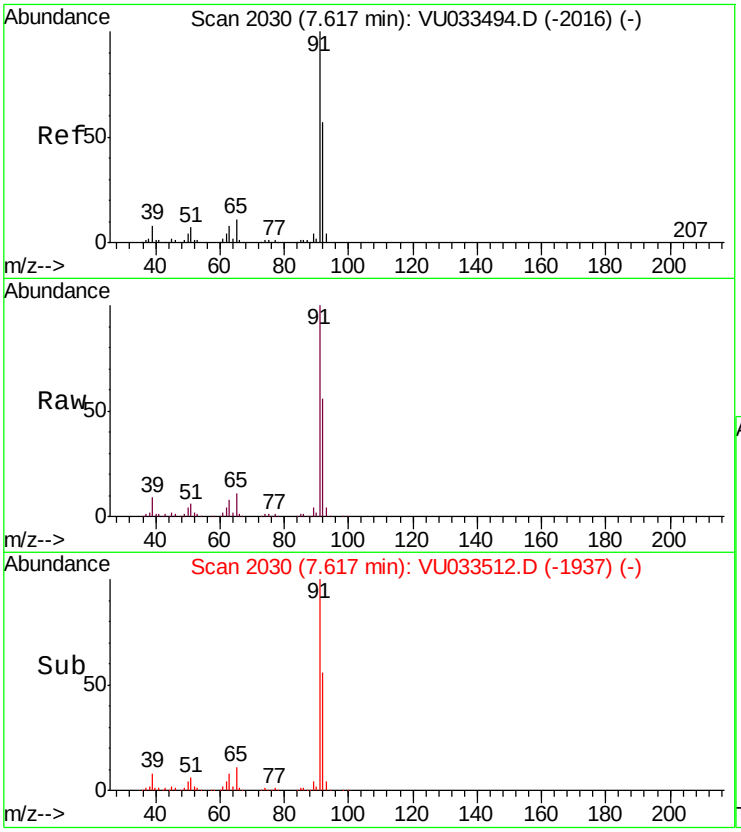


#40
4-Methyl-2-pentanone
Concen: 101.158 ug/L
RT: 7.44 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 43 Resp: 352141

Ion	Ratio	Lower	Upper
43	100		
58	41.4	32.8	49.2
100	16.2	12.9	19.3



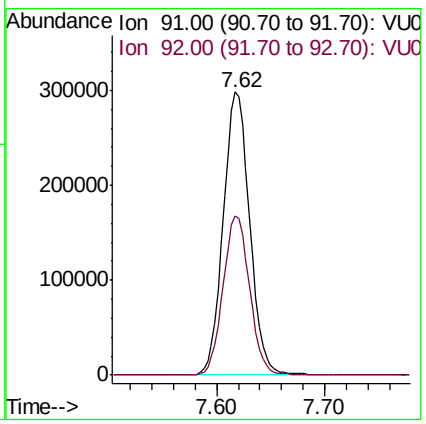


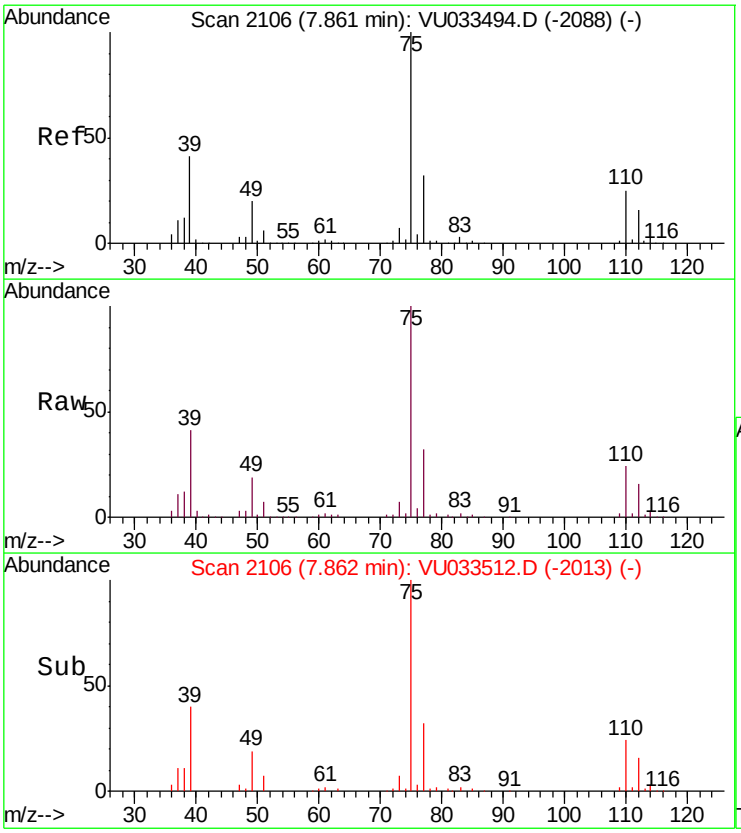
#42
Toluene
Concen: 50.219 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 91 Resp: 508639

Ion	Ratio	Lower	Upper
91	100		
92	56.3	40.2	74.6

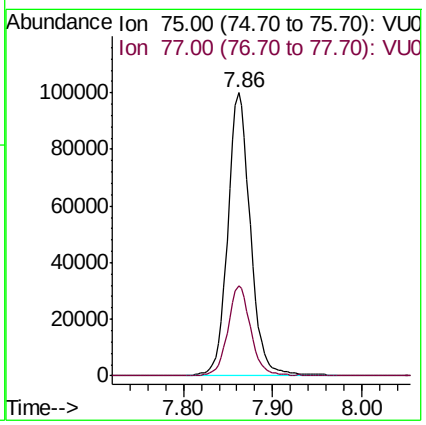


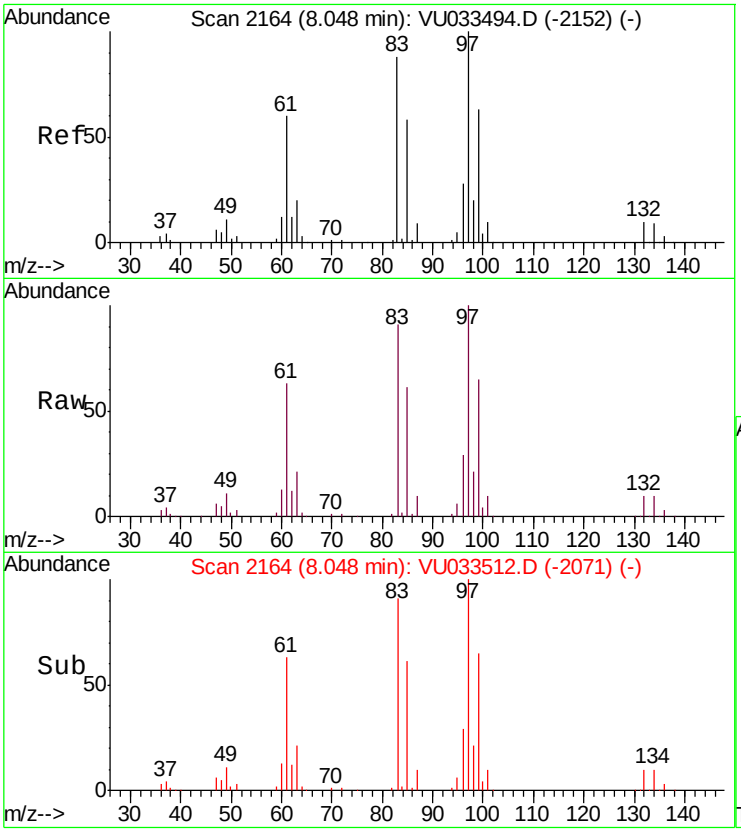


#44
trans-1,3-Dichloropropene
Concen: 49.355 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 75 Resp: 175524

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.7	42.1



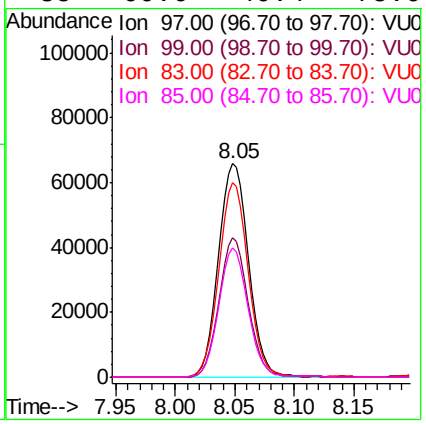


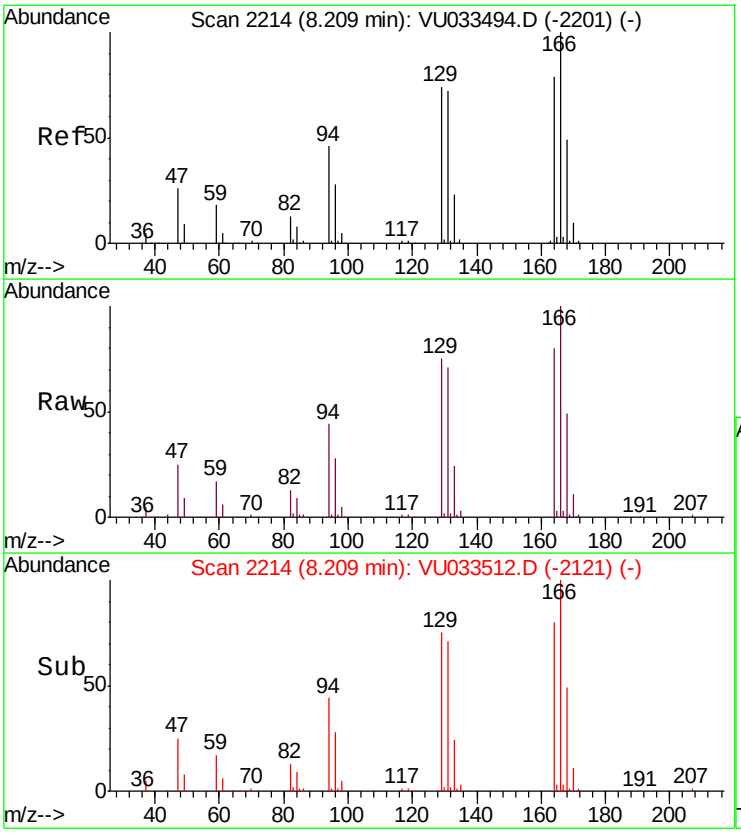
#45
1,1,2-Trichloroethane
Concen: 48.490 ug/L
RT: 8.05 min Scan# 2164
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 97 Resp: 116063

Ion	Ratio	Lower	Upper
97	100		
99	65.2	44.4	82.4
83	91.2	61.5	114.1
85	60.6	40.4	75.0

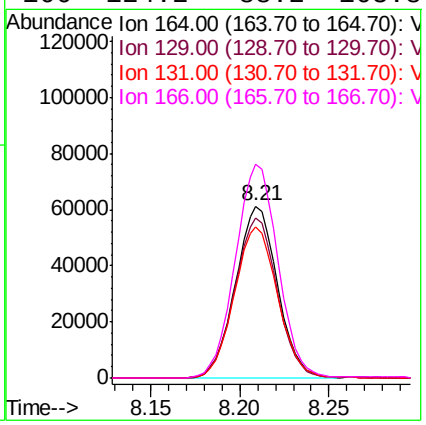


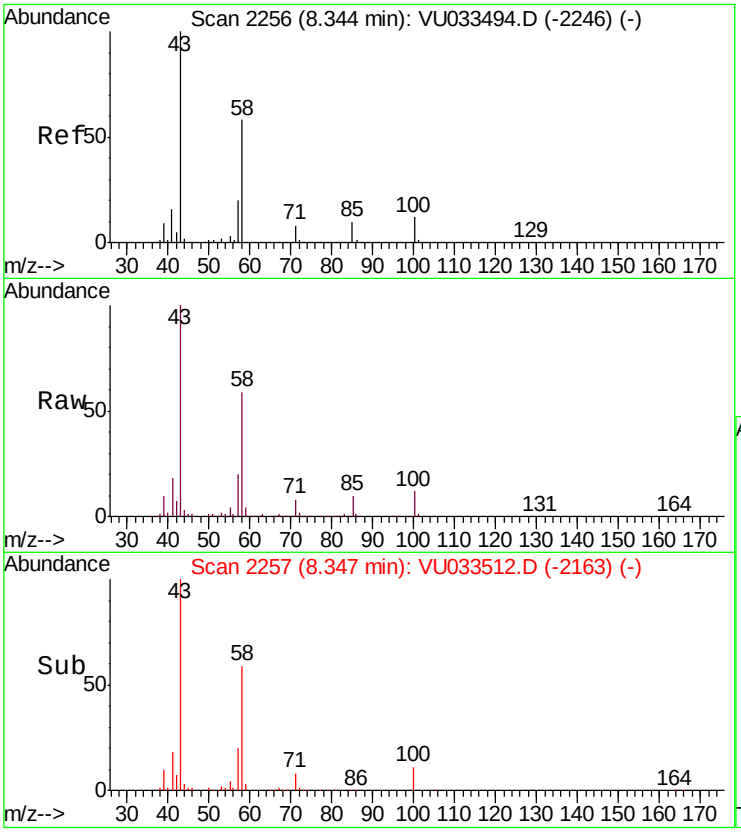


#46
Tetrachloroethene
Concen: 49.364 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:164 Resp: 100135

Ion	Ratio	Lower	Upper
164	100		
129	92.9	65.5	121.7
131	87.7	63.3	117.7
166	124.2	88.2	163.8



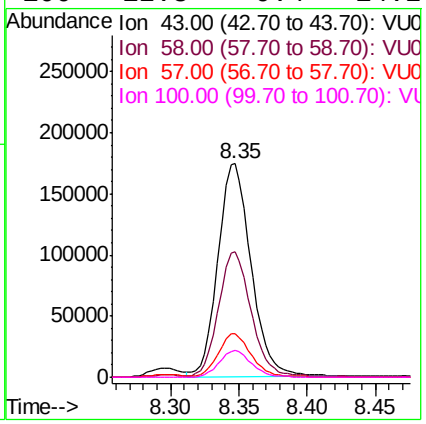


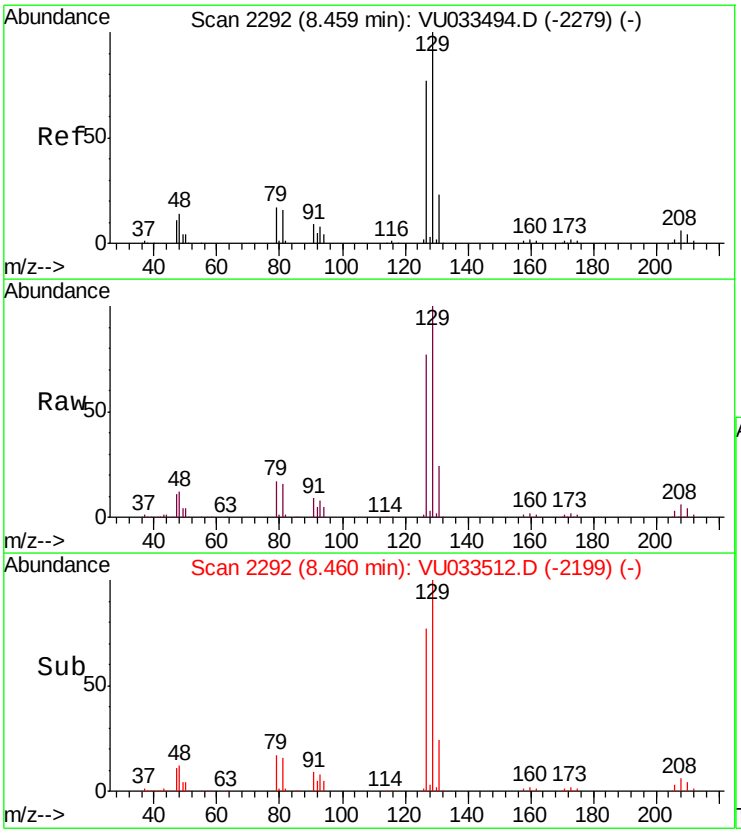
#48
2-Hexanone
Concen: 104.149 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Tgt Ion: 43 Resp: 293053

Ion	Ratio	Lower	Upper
43	100		
58	58.6	45.8	68.6
57	20.0	15.8	23.6
100	12.3	9.4	14.2

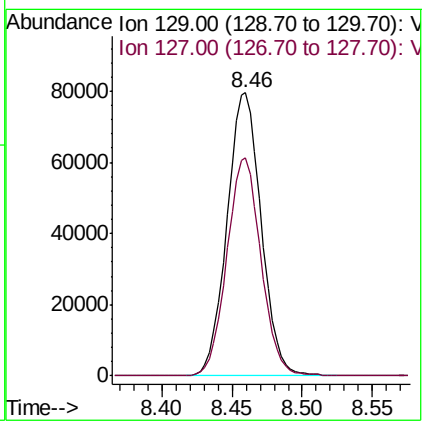


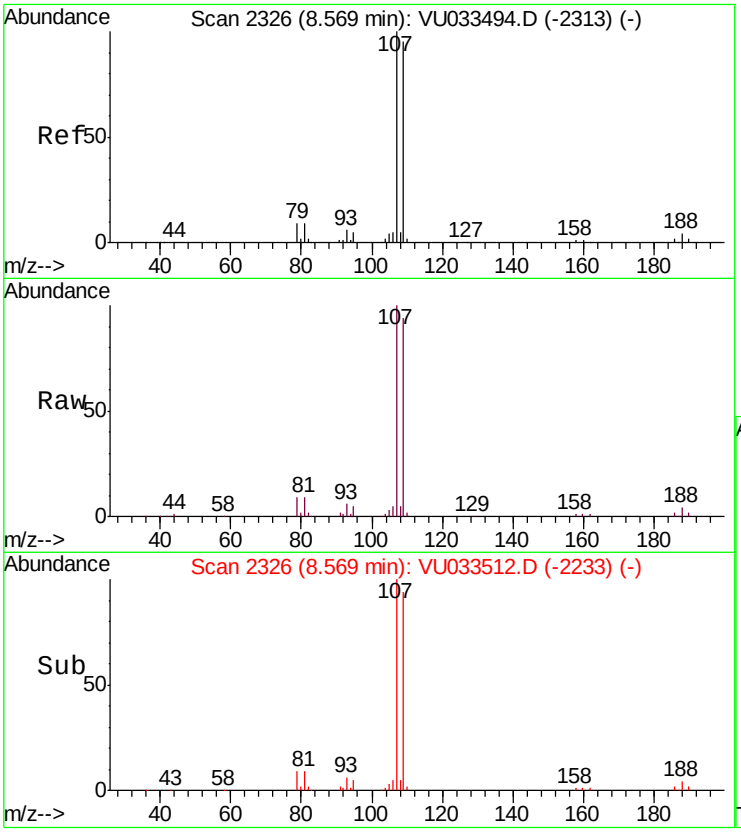


#49
Dibromochloromethane
Concen: 49.535 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:129 Resp: 134896

Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.8	99.8



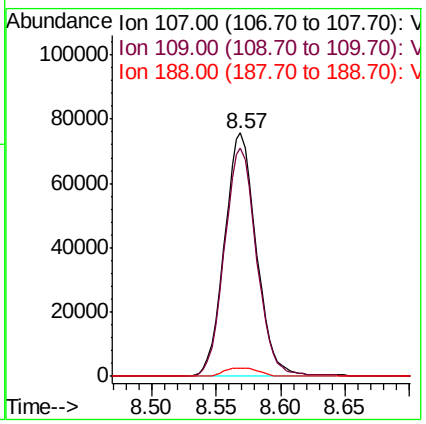


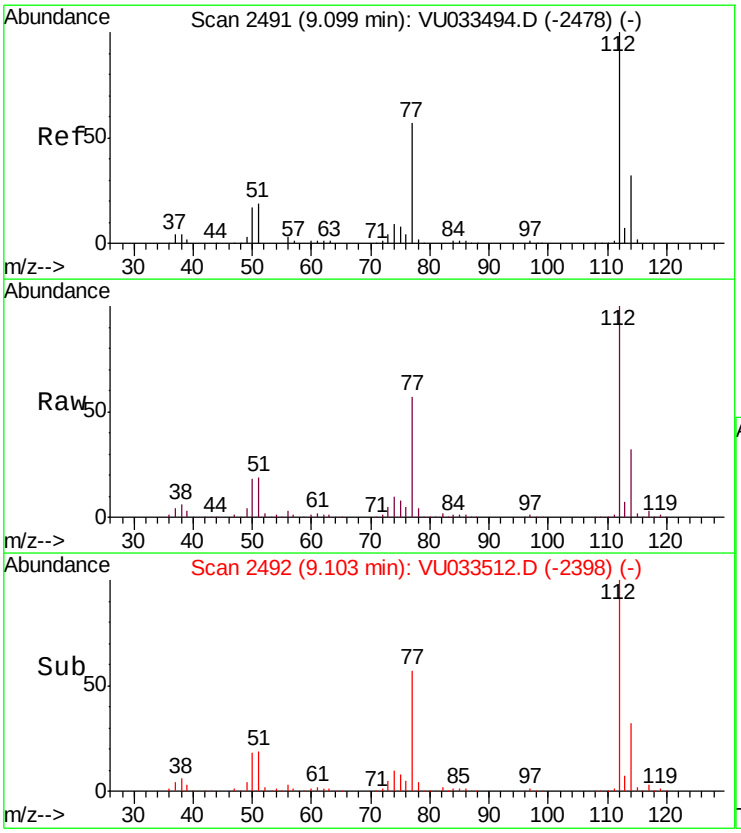
#50
1,2-Dibromoethane
Concen: 49.052 ug/L
RT: 8.57 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:107 Resp: 130053

Ion	Ratio	Lower	Upper
107	100		
109	93.5	66.8	124.0
188	3.6	3.0	4.4

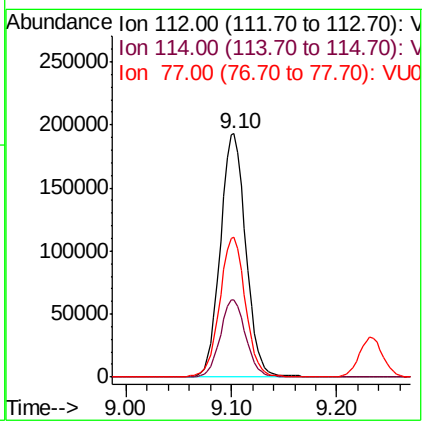


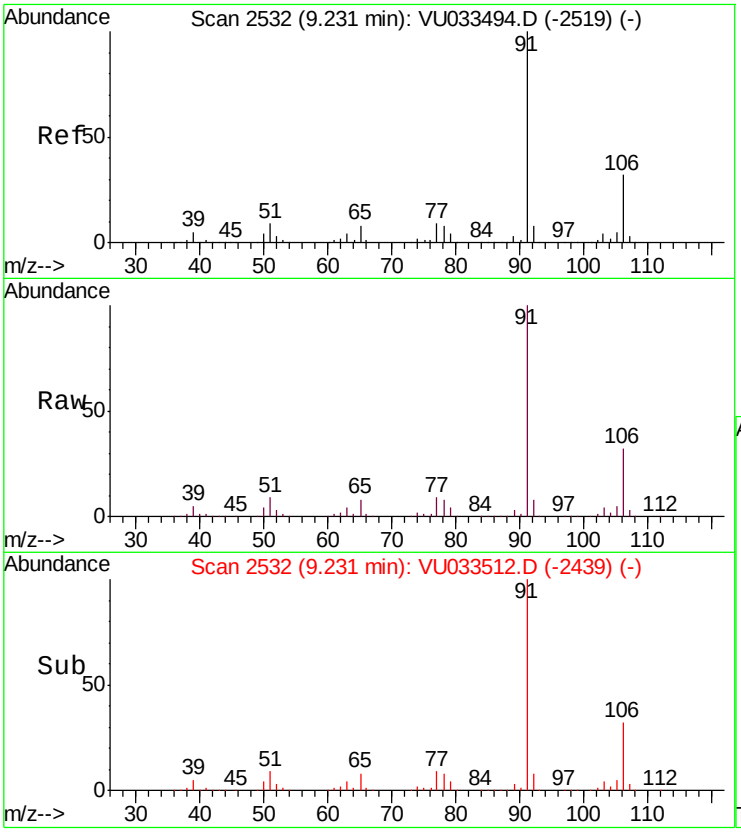


#51
Chlorobenzene
Concen: 48.684 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:112 Resp: 322822

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	57.2	45.6	68.4



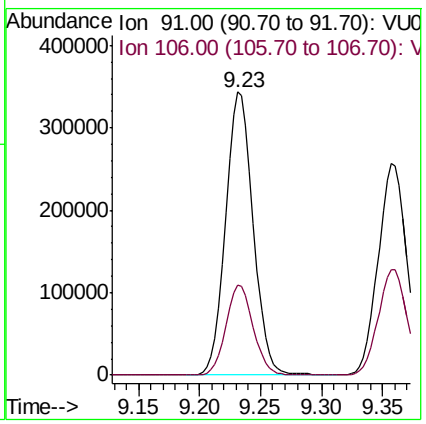


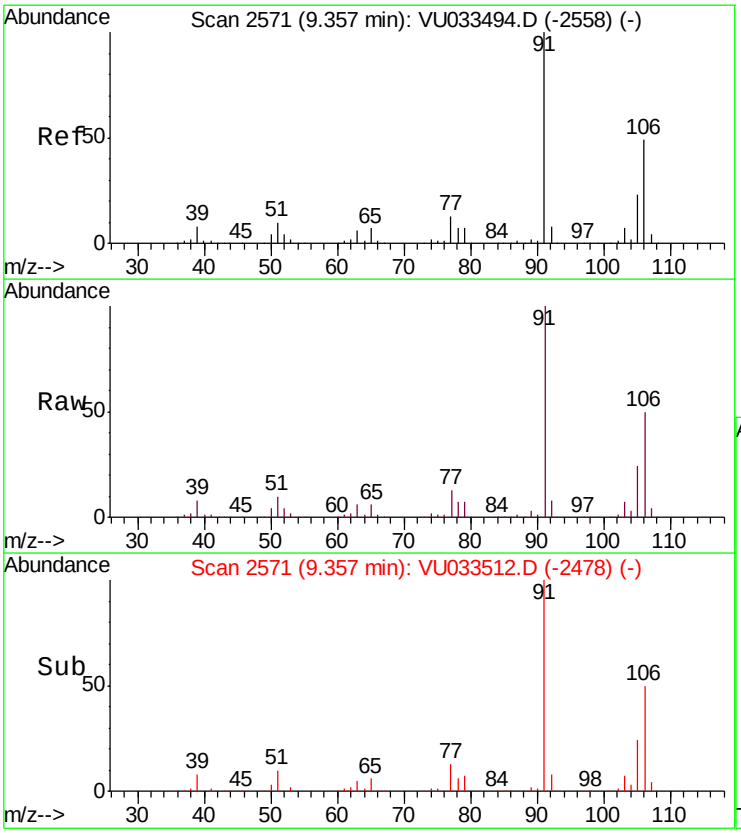
#52
Ethylbenzene
Concen: 49.803 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 91 Resp: 543167

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.2	41.2

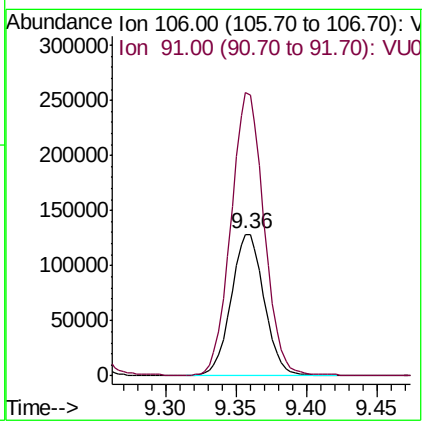


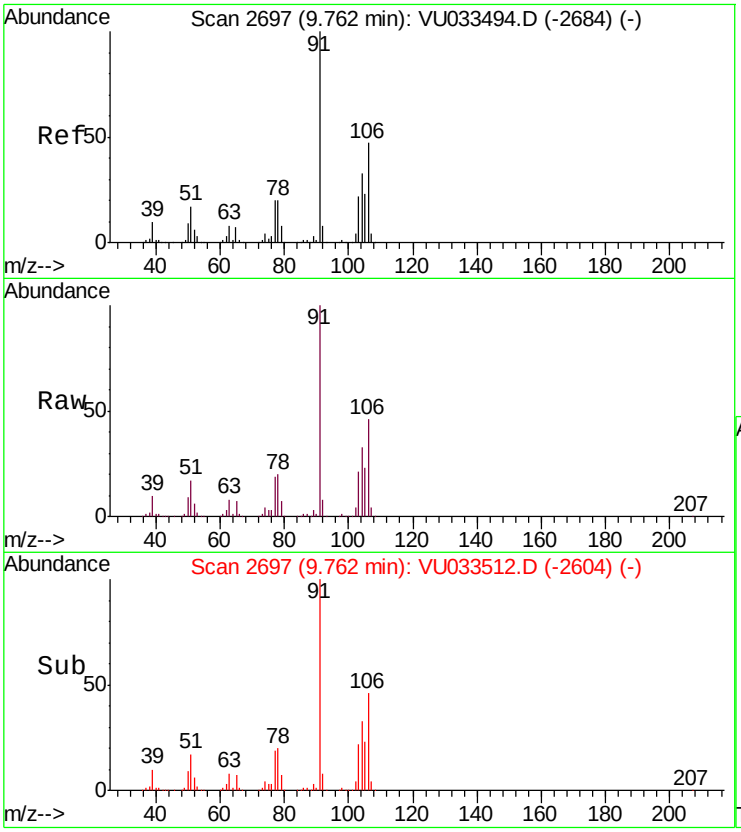


#53
m,p-Xylene
Concen: 50.315 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:106 Resp: 210667

Ion	Ratio	Lower	Upper
106	100		
91	199.8	143.0	265.6



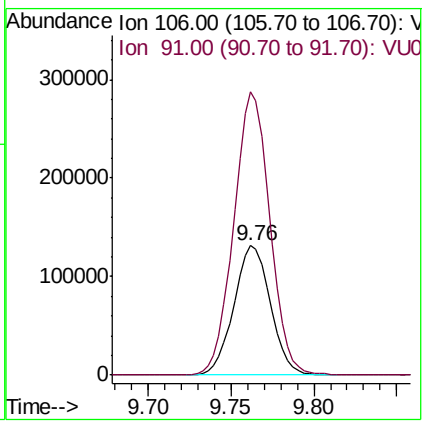


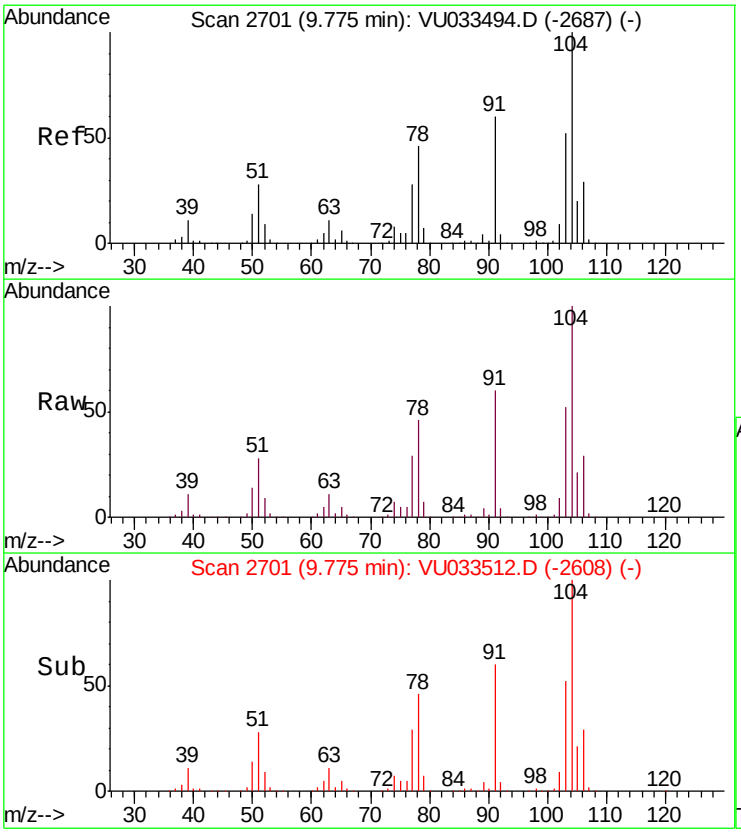
#54
o-xylene
Concen: 49.777 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:106 Resp: 202173

Ion	Ratio	Lower	Upper
106	100		
91	218.9	148.4	275.6

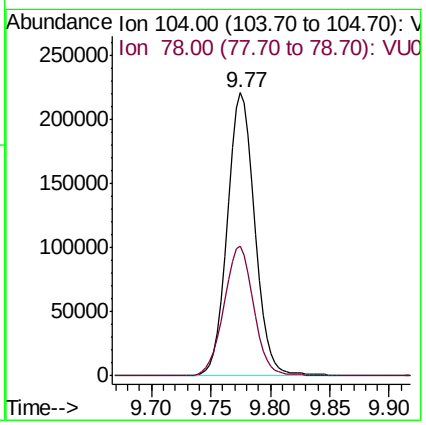


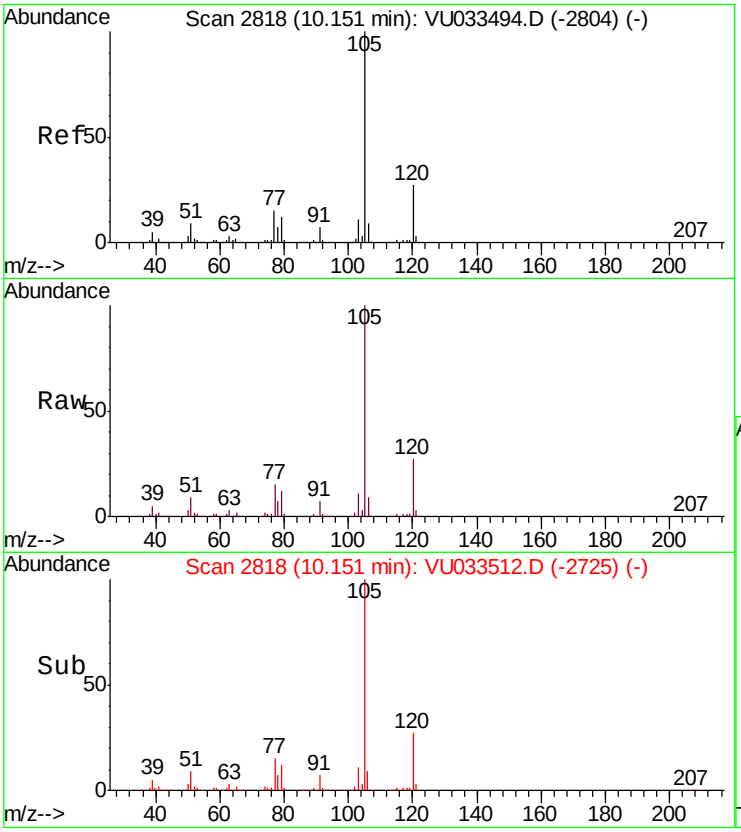


#55
Styrene
Concen: 51.315 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:104 Resp: 353980

Ion	Ratio	Lower	Upper
104	100		
78	45.8	32.2	59.8



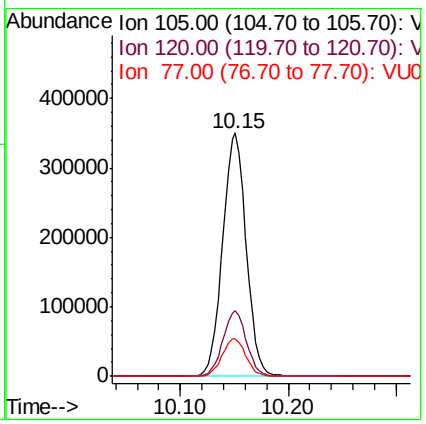


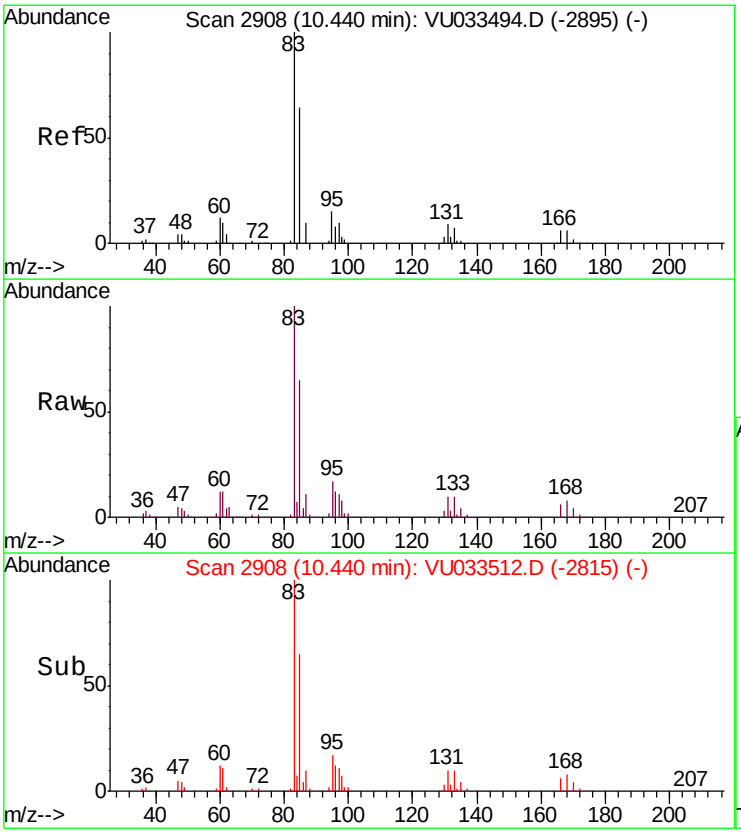
#56
Isopropylbenzene
Concen: 49.980 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Tgt Ion:105 Resp: 530393

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.4	32.0
77	15.7	12.5	18.7

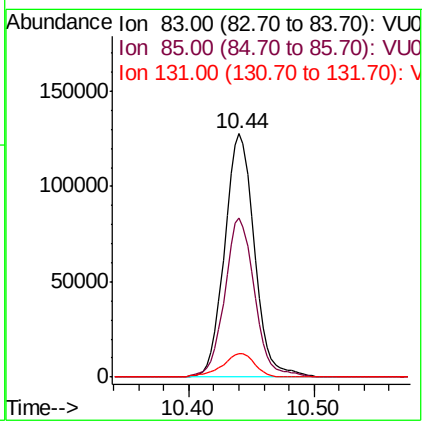


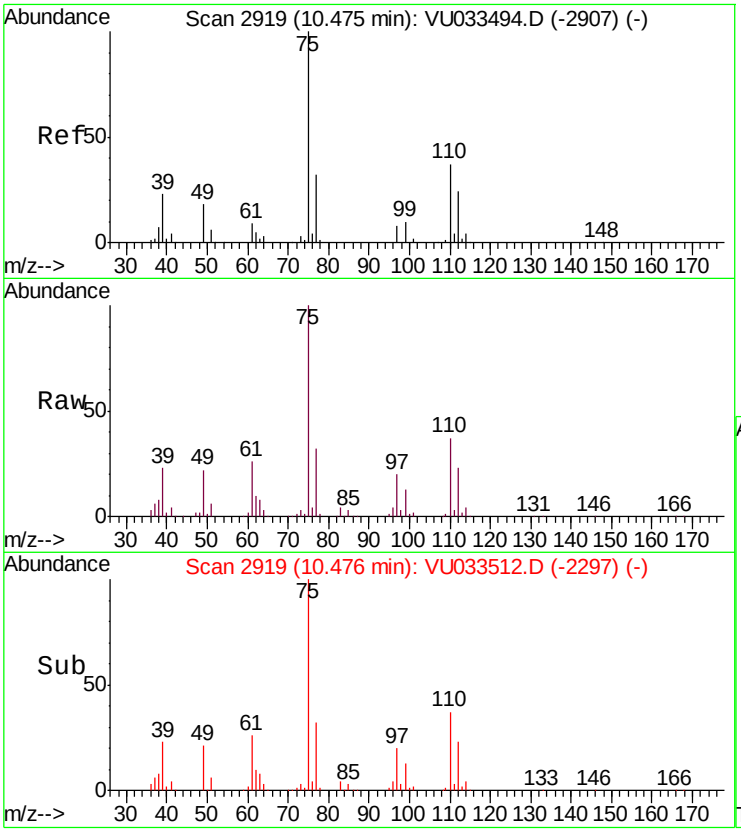


#58
1,1,2,2-Tetrachloroethane
Concen: 48.647 ug/L
RT: 10.44 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 83 Resp: 210013

Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.4	84.4
131	9.5	7.9	11.9



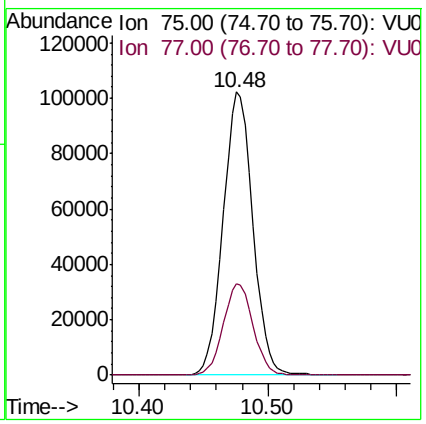


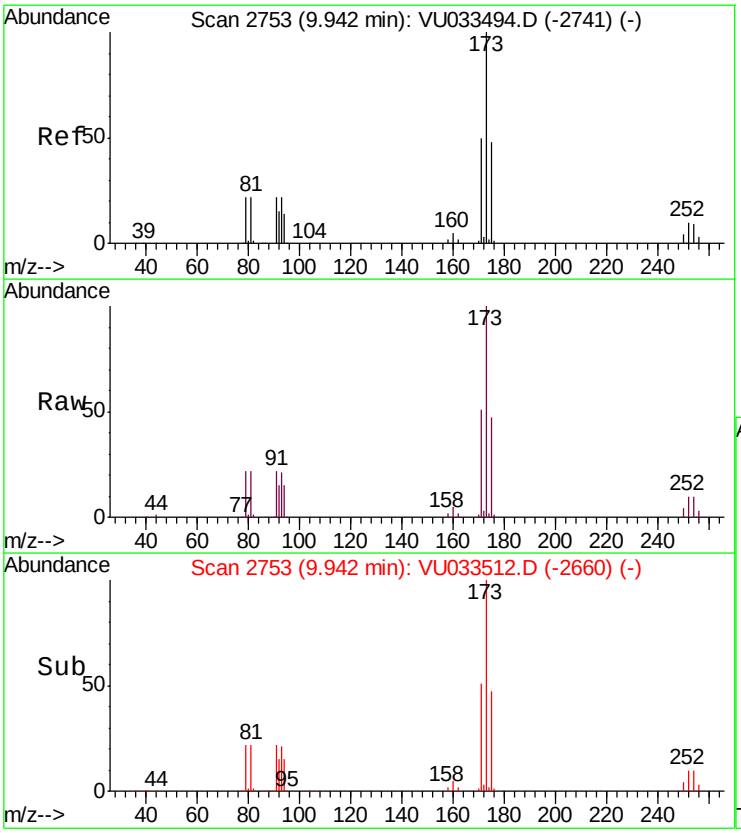
#59
1,2,3-Trichloropropane
Concen: 49.046 ug/L
RT: 10.48 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 75 Resp: 163225

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6

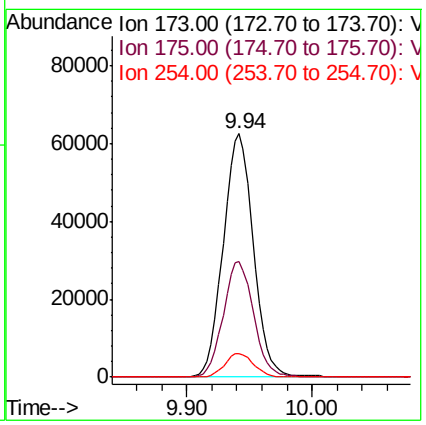


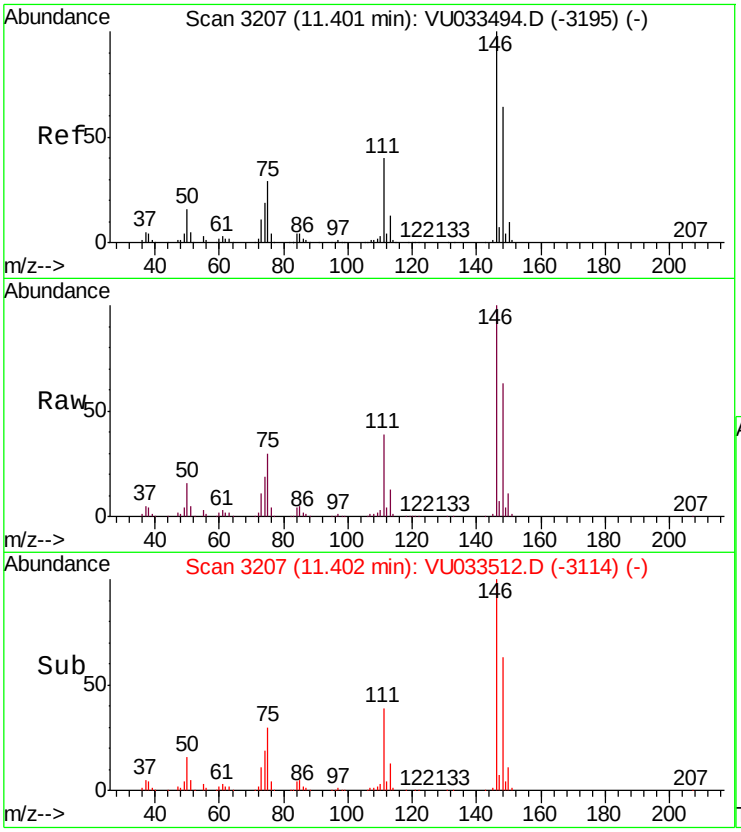


#61
Bromoform
Concen: 49.208 ug/L
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:173 Resp: 104067

Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.7	58.1
254	9.4	7.5	11.3



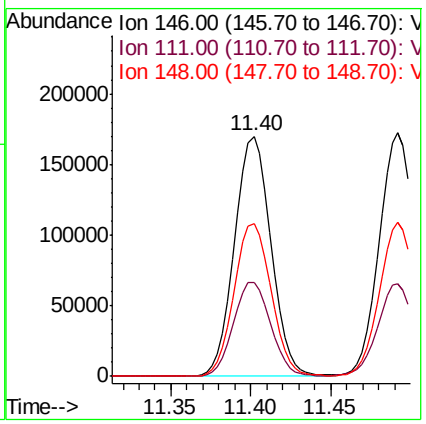


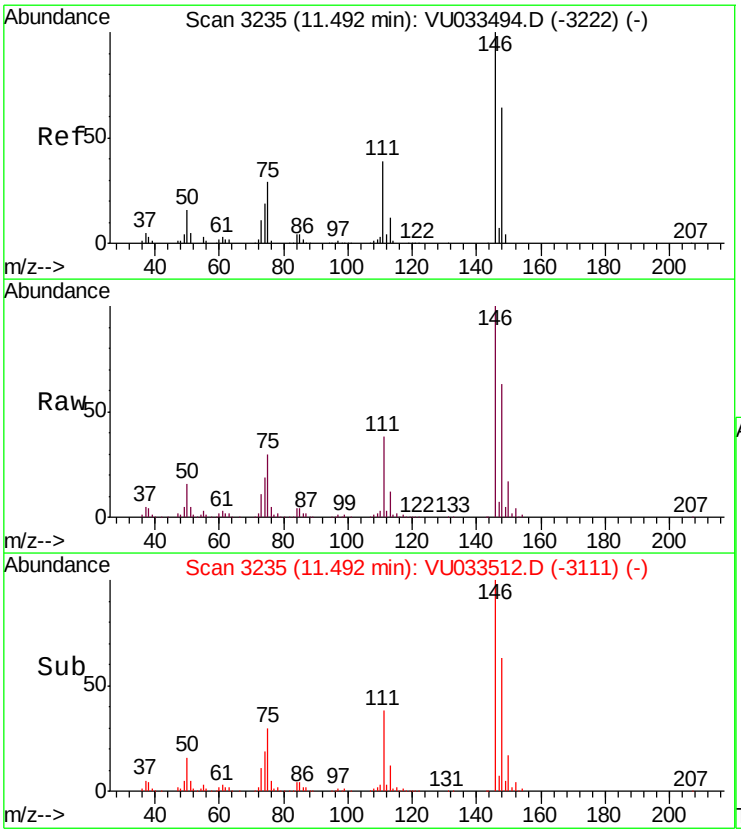
#62
1,3-Dichlorobenzene
Concen: 49.081 ug/L
RT: 11.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:146 Resp: 263899

Ion	Ratio	Lower	Upper
146	100		
111	39.3	28.1	52.1
148	63.4	45.0	83.6

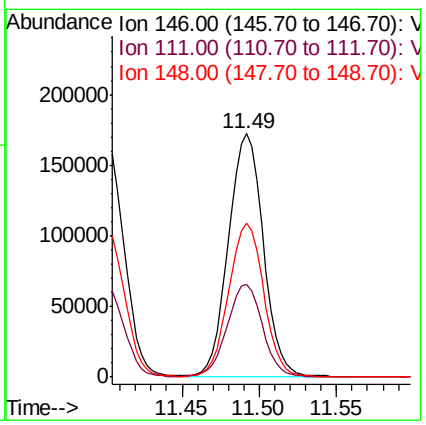


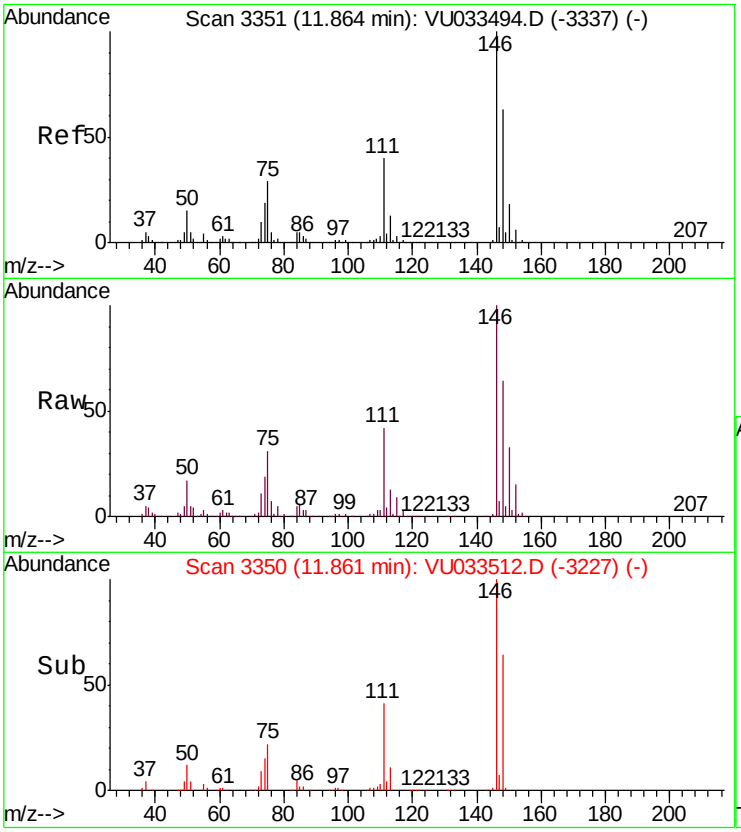


#63
1,4-Dichlorobenzene
Concen: 48.294 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:146 Resp: 269778

Ion	Ratio	Lower	Upper
146	100		
111	38.2	27.2	50.4
148	63.1	44.5	82.7



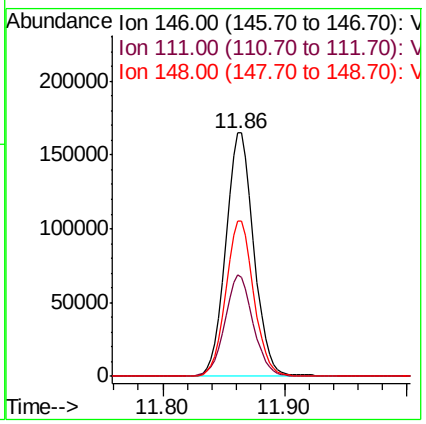


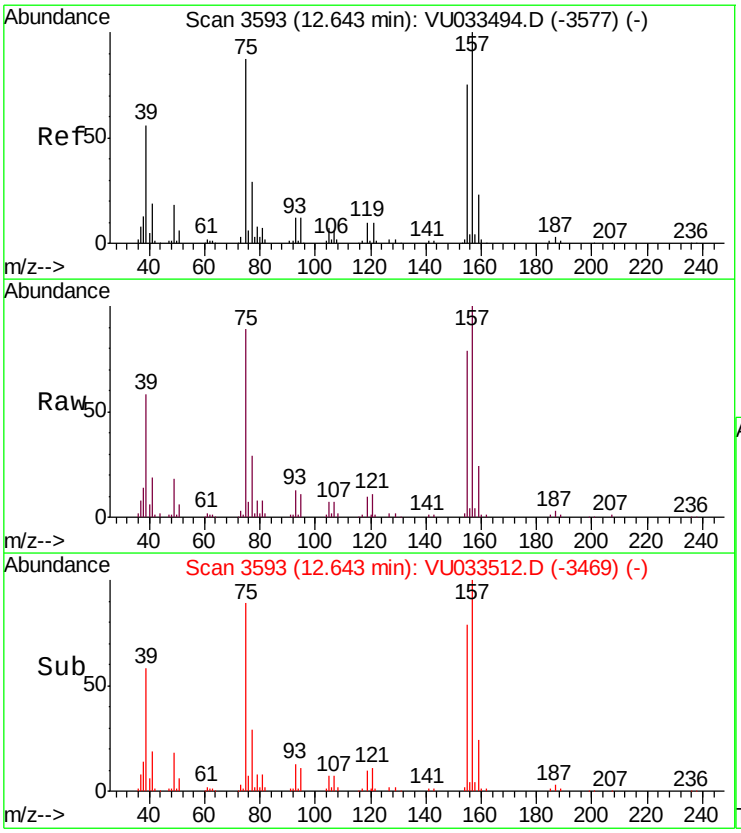
#65
1,2-Dichlorobenzene
Concen: 48.845 ug/L
RT: 11.86 min Scan# 3350
Delta R.T. -0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Tgt Ion:146 Resp: 265547

Ion	Ratio	Lower	Upper
146	100		
111	41.6	31.7	47.5
148	64.0	50.3	75.5

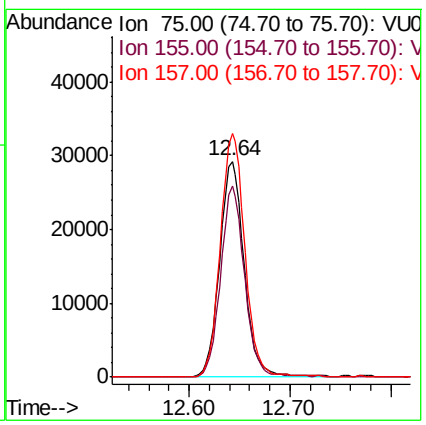


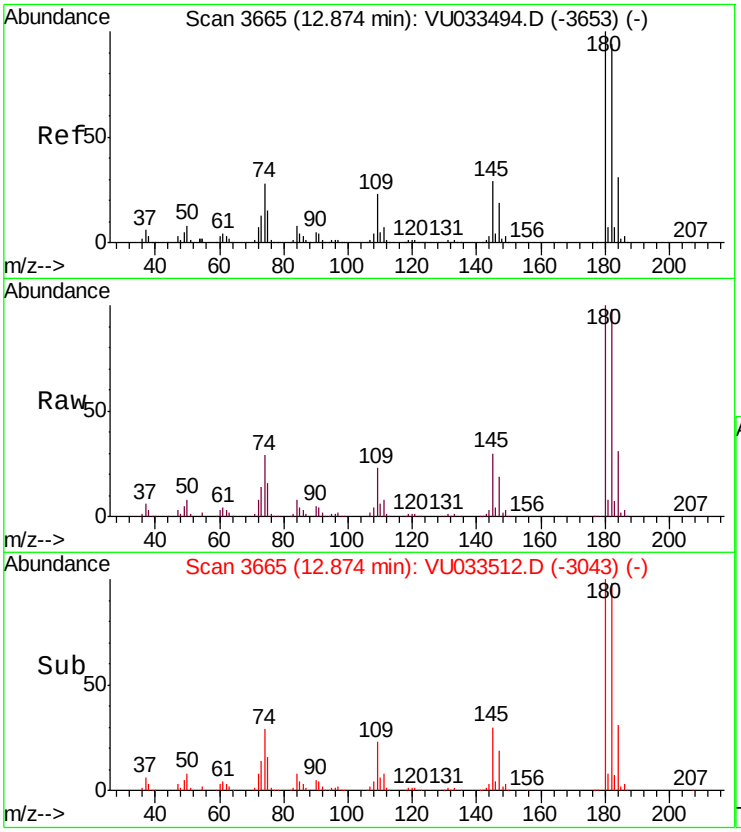


#66
1,2-Dibromo-3-chloropropane
Concen: 49.705 ug/L
RT: 12.64 min Scan# 3593
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion: 75 Resp: 49926

Ion	Ratio	Lower	Upper
75	100		
155	88.7	69.4	104.0
157	112.9	91.8	137.8



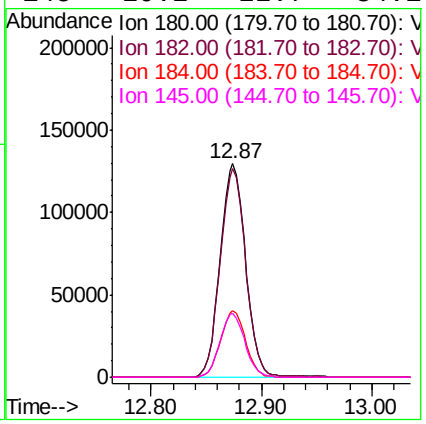


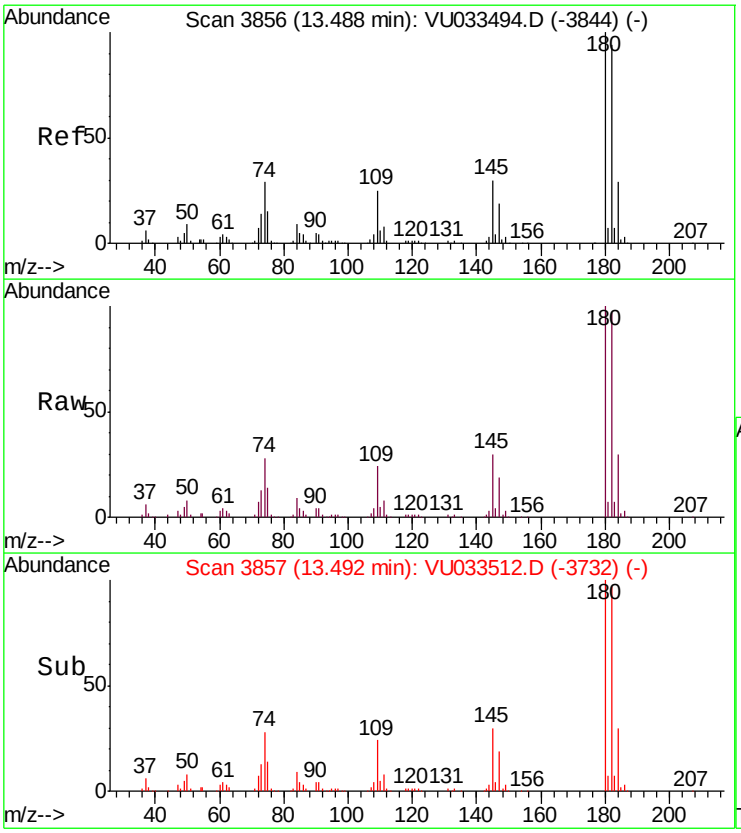
#67
1,3,5-Trichlorobenzene
Concen: 48.052 ug/L
RT: 12.87 min Scan# 3665
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:180 Resp: 208441

Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.6	113.4
184	30.5	24.2	36.2
145	29.2	22.7	34.1

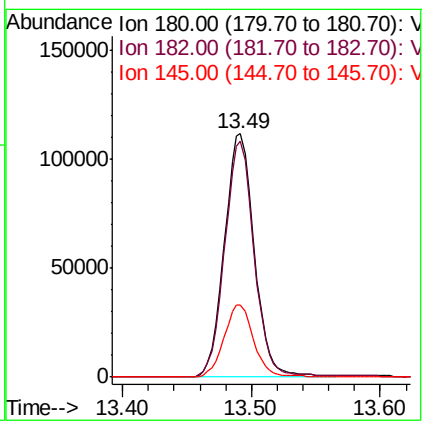


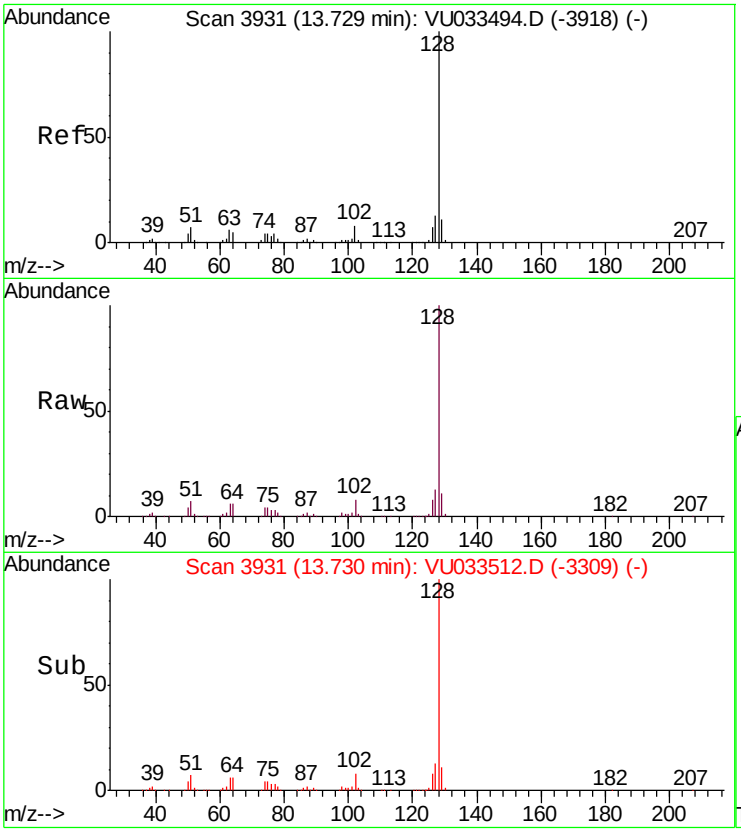


#68
1,2,4-trichlorobenzene
Concen: 48.478 ug/L
RT: 13.49 min Scan# 3857
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:180 Resp: 179685

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
145	29.1	24.3	36.5



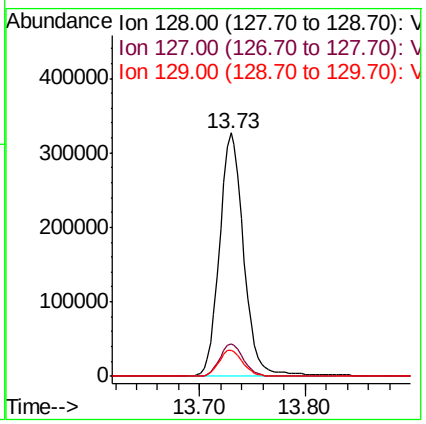


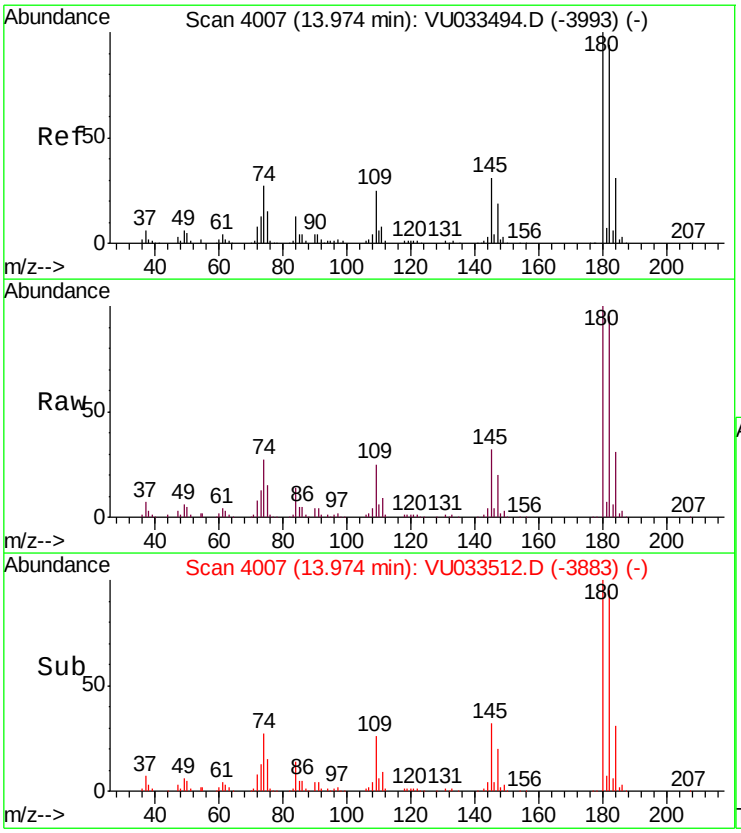
#69
Naphthalene
Concen: 48.845 ug/L
RT: 13.73 min Scan# 3931
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:128 Resp: 519426

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	10.6	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 48.452 ug/L
RT: 13.97 min Scan# 4007
Delta R.T. 0.00 min
Lab File: VU033512.D
Acq: 31 Jul 2019 09:47

Tgt Ion:180 Resp: 188873

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.5	113.3
145	31.4	24.4	36.6