Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101119\

Quantitation Report (Not Reviewed)

Data File : VU035041.D
Acq On : 10 Oct 2019 12:19
Operator : JC/SP
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL06

Quant Time: Oct 11 02:47:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	158969	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67918	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	55440	5.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.00%			
7) Chloroethane-d5	1.67	69	51628	5.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.80%			
11) 1,1-Dichloroethene-d2	2.26	63	83207	4.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.00%			
20) 2-Butanone-d5	4.18	46	158778	57.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.76%			
24) Chloroform-d	4.62	84	97037	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.40%			
26) 1,2-Dichloroethane-d4	5.29	65	57317	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.00%			
32) Benzene-d6	5.32	84	201840	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
36) 1,2-Dichloropropane-d6	6.31	67	68874	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.55	98	180477	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.84	79	22054	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.30	63	115196	53.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.74%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57449	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	64236	5.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4790	0.330	ug/L	100
3) Chloromethane	1.32	50	5687	0.357	ug/L	98
5) Vinyl chloride	1.40	62	5416	0.346	ug/L	84
6) Bromomethane	1.62	94	3208	0.369	ug/L	98
8) Chloroethane	1.69	64	3039	0.324	ug/L	86
9) Trichlorofluoromethane	1.88	101	6647	0.351	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4549	0.418	ug/L	87
12) 1,1-Dichloroethene	2.27	96	4028	0.394	ug/L #	1
13) Acetone	2.32	43	8853	3.906	ug/L	95
14) Carbon disulfide	2.47	76	10421	0.307	ug/L #	93
15) Methyl Acetate	2.61	43	2320	0.385	ug/L #	87
16) Methylene chloride	2.68	84	6188	0.490	ug/L	86
17) Methyl tert-butyl Ether	2.99	73	9449	0.339	ug/L #	94
18) trans-1,2-Dichloroethene	2.96	96	3532	0.323	ug/L	93
19) 1,1-Dichloroethane	3.42	63	7170	0.330	ug/L	93
21) 2-Butanone	4.27	43	9121	2.826	ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	3849	0.316	ug/L	76

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101119\

Quantitation Report (Not Reviewed)

Data File : VU035041.D
Acq On : 10 Oct 2019 12:19
Operator : JC/SP
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL06

Quant Time: Oct 11 02:47:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.53	128	1867	0.365 ug/L	95
25) Chloroform	4.65	83	16887	0.692 ug/L	93
27) 1,2-Dichloroethane	5.39	62	4905	0.344 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	5599	0.310 ug/L	98
30) Cyclohexane	4.97	56	5756	0.290 ug/L	96
31) Carbon tetrachloride	5.11	117	4771	0.305 ug/L	99
33) Benzene	5.37	78	14822	0.306 ug/L	100
34) Trichloroethene	6.17	95	4070	0.326 ug/L	95
35) Methylcyclohexane	6.39	83	6128	0.303 ug/L	97
37) 1,2-Dichloropropane	6.42	63	4465	0.342 ug/L #	95
38) Bromodichloromethane	6.74	83	5153	0.336 ug/L	92
39) cis-1,3-Dichloropropene	7.26	75	5535	0.313 ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	23721	2.883 ug/L #	86
42) Toluene	7.62	91	15004	0.297 ug/L	93
44) trans-1,3-Dichloropropene	7.87	75	4671	0.341 ug/L	86
45) 1,1,2-Trichloroethane	8.06	97	2835	0.327 ug/L	95
47) Tetrachloroethene	8.21	164	3277	0.324 ug/L	88
48) 2-Hexanone	8.36	43	19807	3.511 ug/L	96
49) Dibromochloromethane	8.46	129	2857	0.285 ug/L	87
50) 1,2-Dibromoethane	8.57	107	2462	0.297 ug/L #	97
51) Chlorobenzene	9.10	112	10377	0.317 ug/L	98
52) Ethylbenzene	9.23	91	16696	0.299 ug/L	95
53) m,p-Xylene	9.36	106	5933	0.288 ug/L	92
54) o-Xylene	9.76	106	6111	0.303 ug/L	97
55) Styrene	9.78	104	9119	0.279 ug/L	89
56) Isopropylbenzene	10.15	105	14977	0.279 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.44	83	4157	0.352 ug/L #	96
59) 1,2,3-Trichloropropane	10.48	75	2739	0.324 ug/L	95
61) Bromoform	9.94	173	1284	0.276 ug/L #	96
62) 1,3-Dichlorobenzene	11.40	146	6900	0.330 ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	7284	0.345 ug/L	91
65) 1,2-Dichlorobenzene	11.86	146	7017	0.348 ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	3754	0.265 ug/L #	94
68) 1,2,4-trichlorobenzene	13.50	180	1527	0.144 ug/L #	66
70) 1,2,3-Trichlorobenzene	13.98	180	1462	0.142 ug/L #	88

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

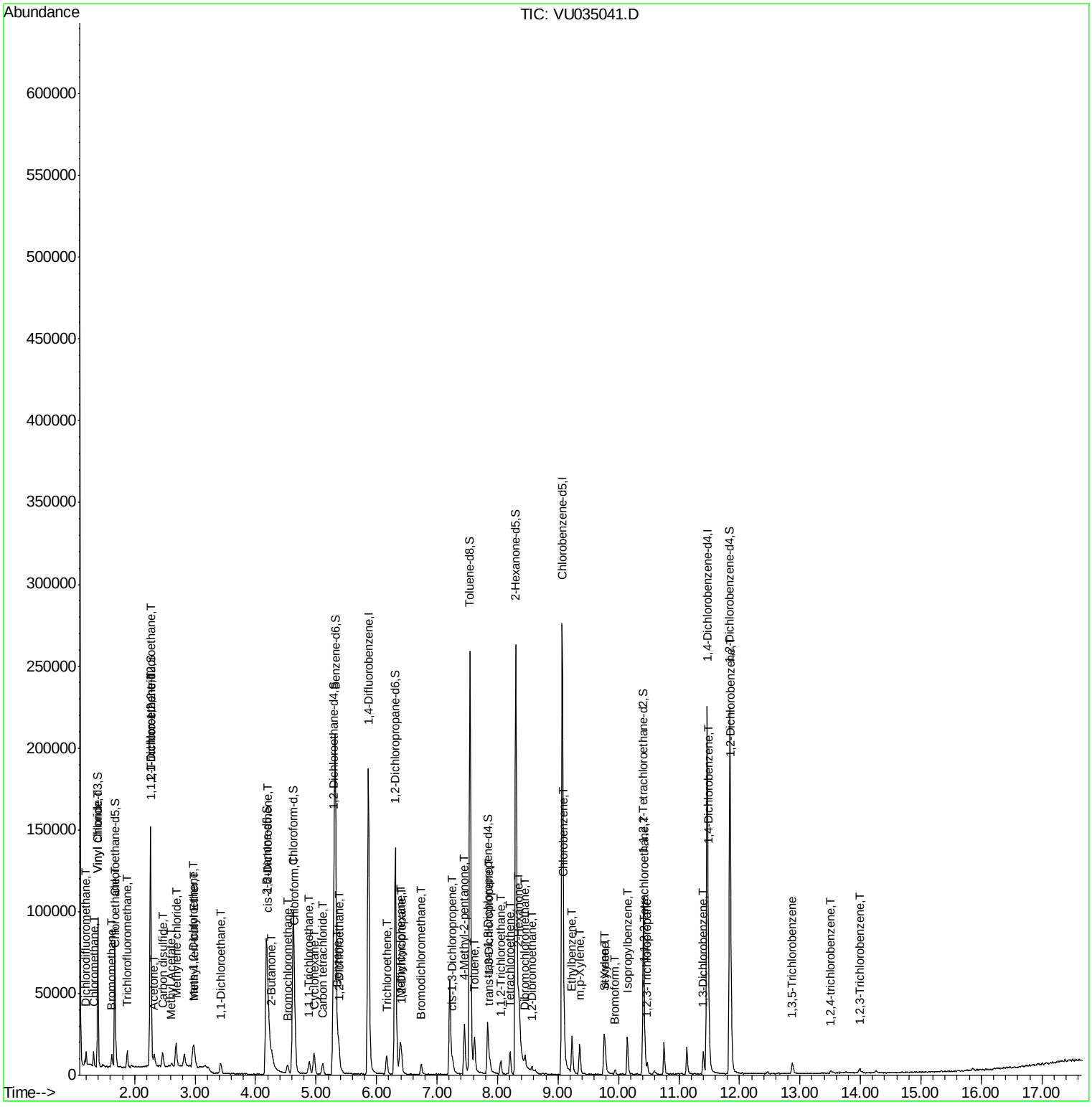
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101119\

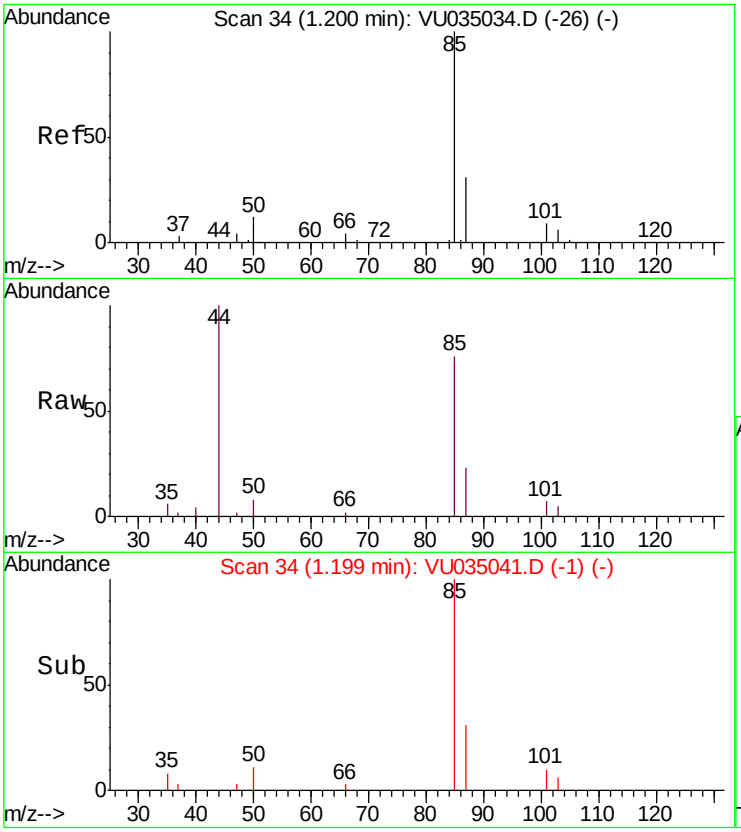
Quantitation Report (Not Reviewed)

Data File : VU035041.D
Acq On : 10 Oct 2019 12:19
Operator : JC/SP
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Quant Time: Oct 11 02:47:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration



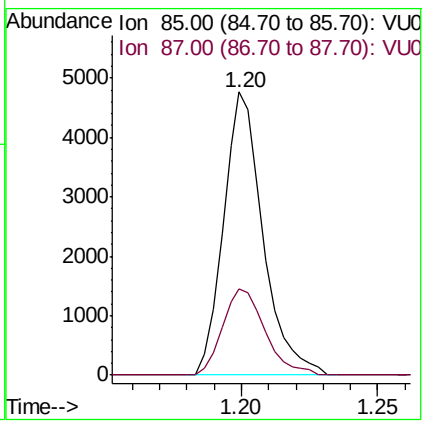


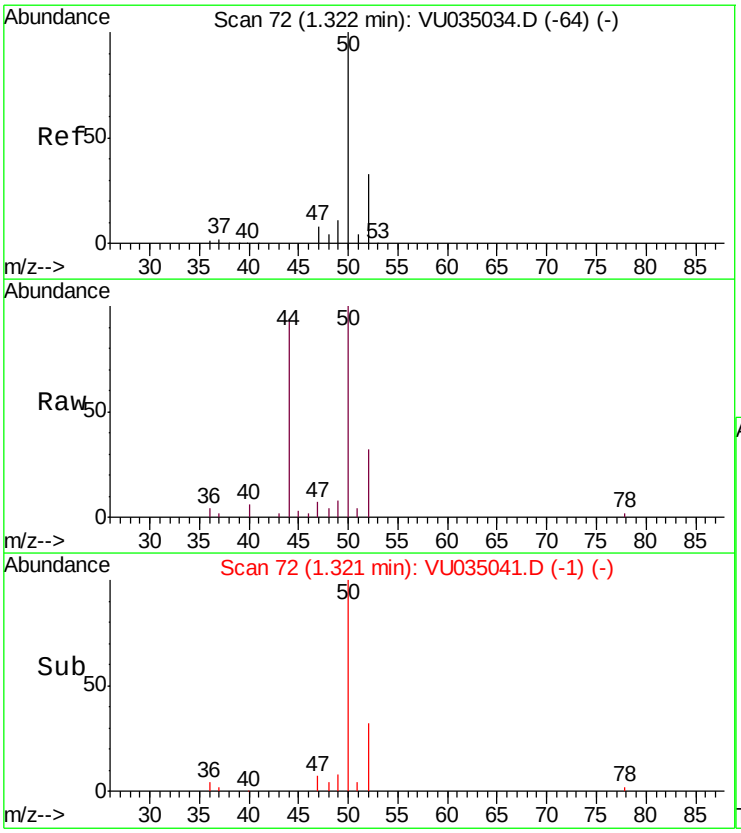
#2
Dichlorodifluoromethane
Concen: 0.330 ug/L
RT: 1.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 85 Resp: 4790

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.3	39.5

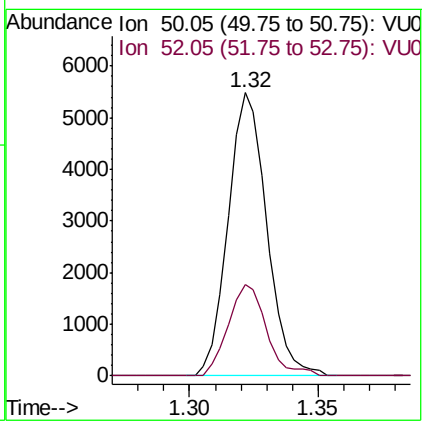


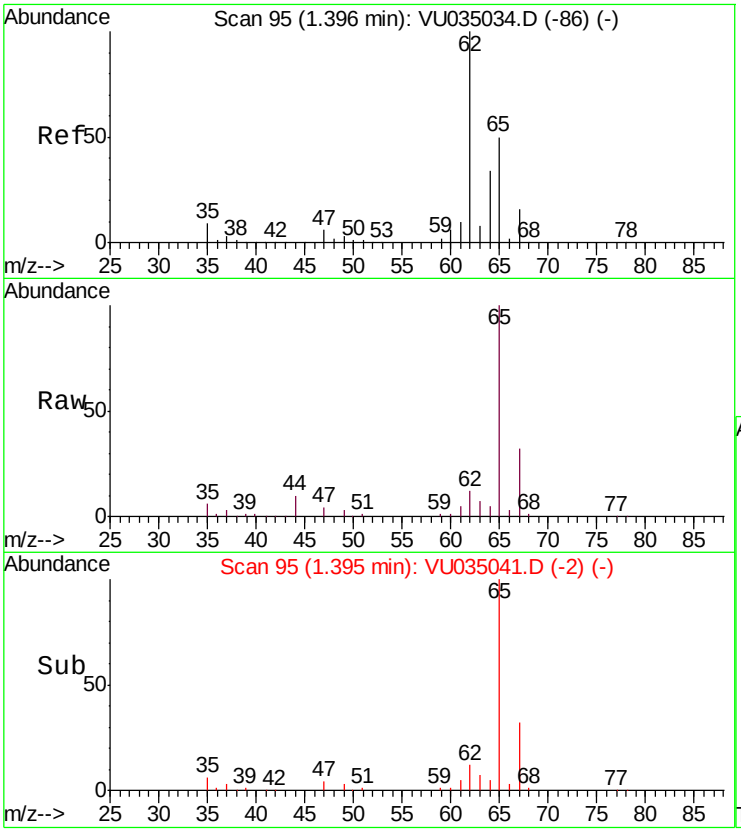


#3
Chloromethane
Concen: 0.357 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 50 Resp: 5687

Ion	Ratio	Lower	Upper
50	100		
52	32.2	23.3	43.3



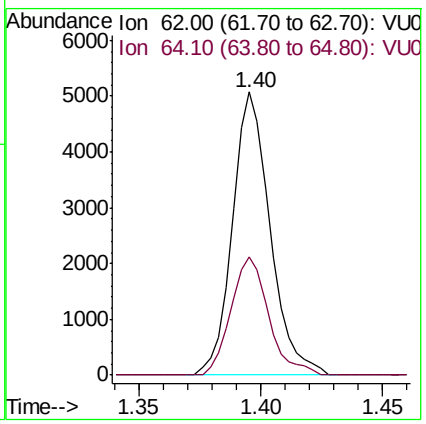


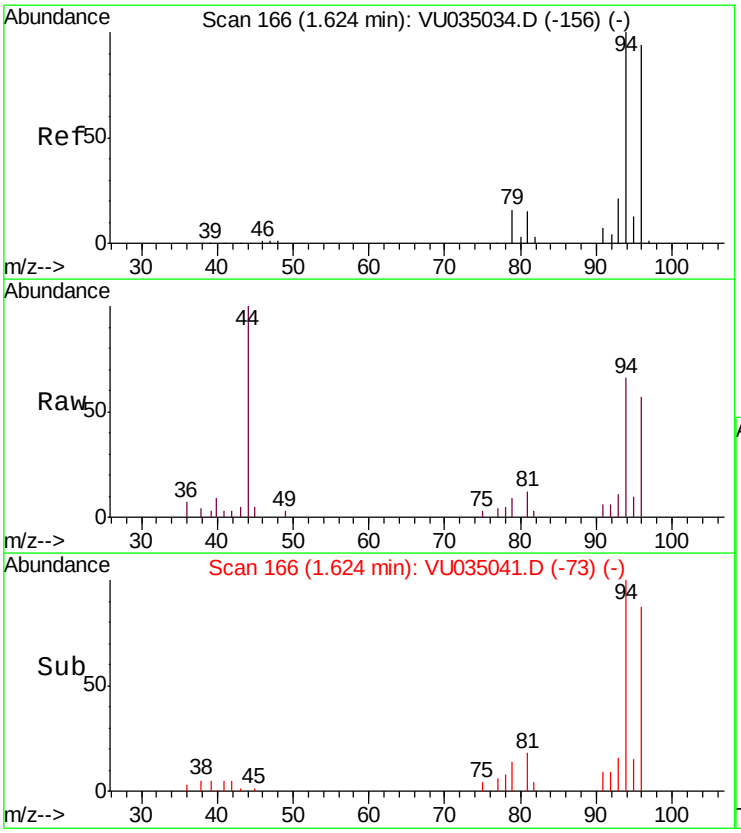
#5
Vinyl chloride
Concen: 0.346 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 62 Resp: 5416

Ion	Ratio	Lower	Upper
62	100		
64	41.8	22.8	42.4

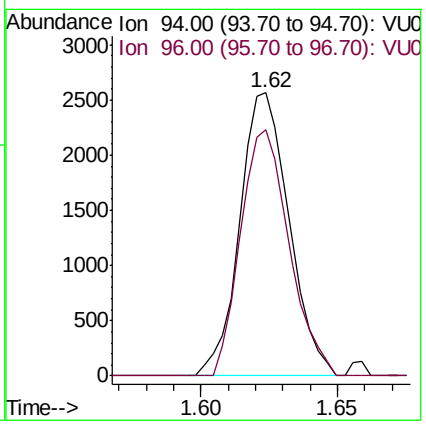


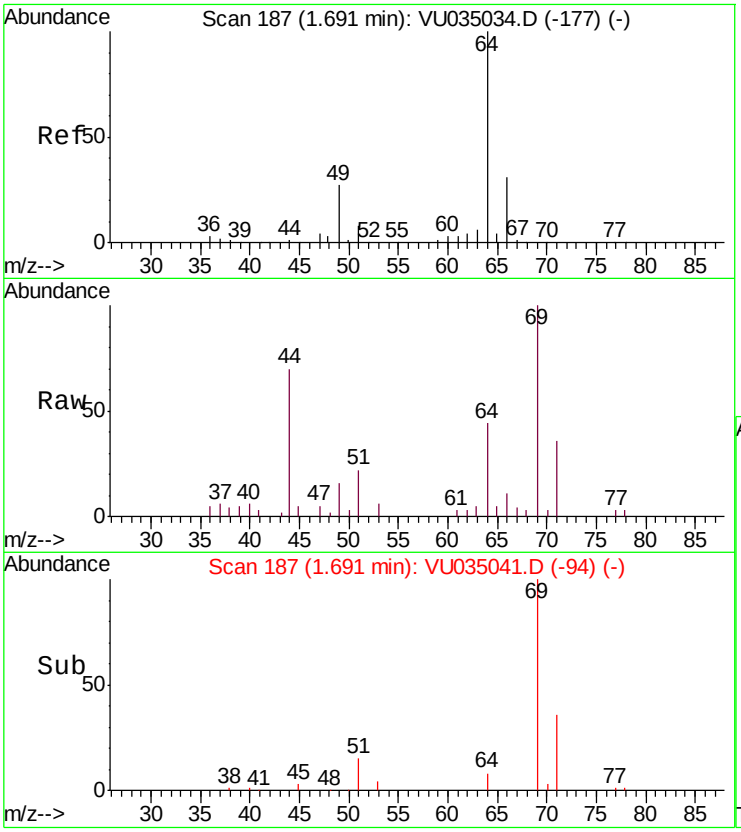


#6
Bromomethane
Concen: 0.369 ug/L
RT: 1.62 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 94 Resp: 3208

Ion	Ratio	Lower	Upper
94	100		
96	87.2	62.4	116.0



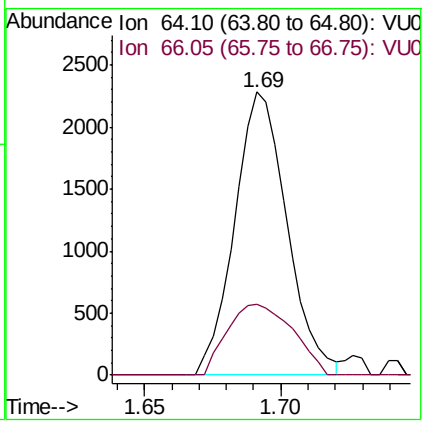


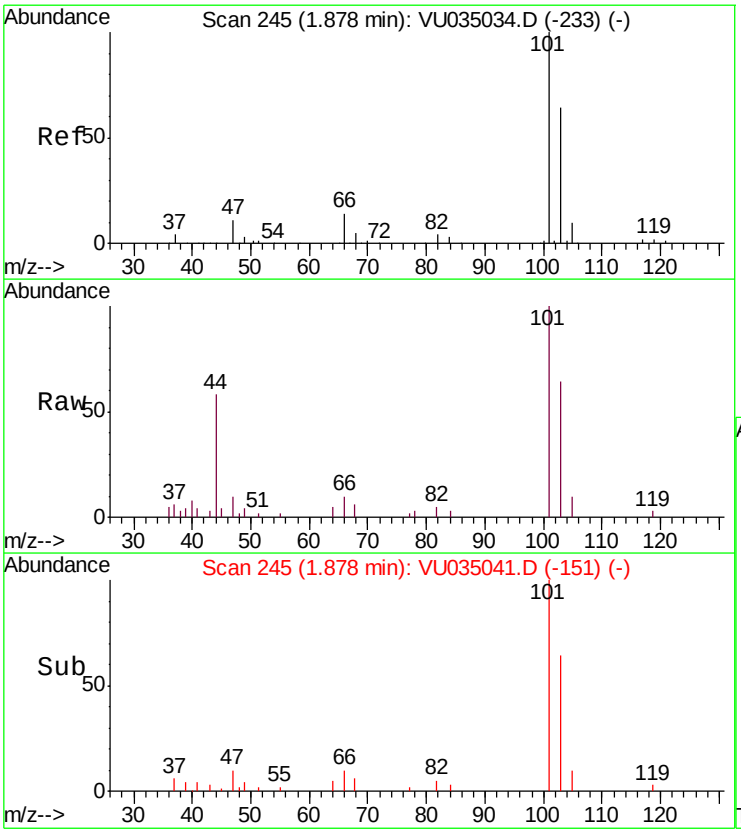
#8
Chloroethane
Concen: 0.324 ug/L
RT: 1.69 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 64 Resp: 3039

Ion	Ratio	Lower	Upper
64	100		
66	25.1	23.2	43.2

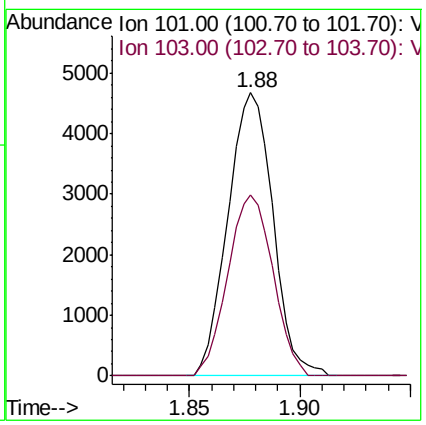


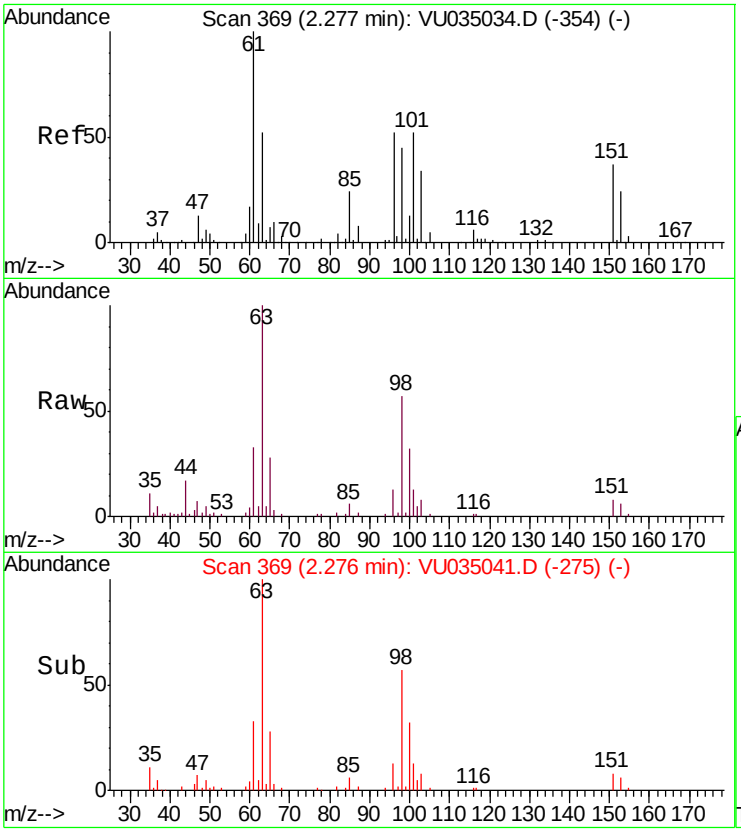


#9
Trichlorofluoromethane
Concen: 0.351 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:101 Resp: 6647

Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.2	78.4



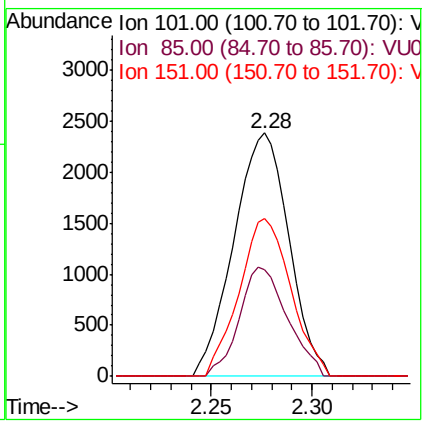


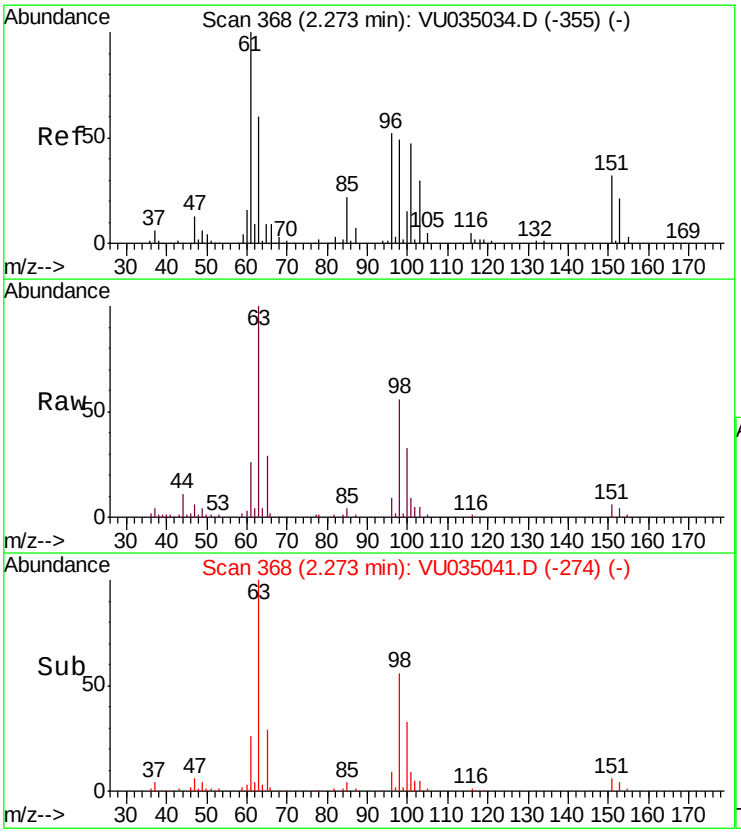
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.418 ug/L
RT: 2.28 min Scan# 369
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:101 Resp: 4549

Ion	Ratio	Lower	Upper
101	100		
85	39.3	37.4	56.0
151	61.0	58.6	87.8

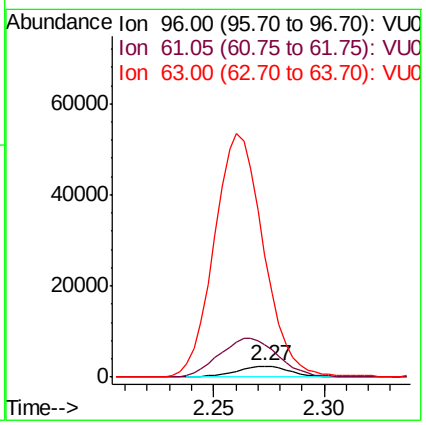


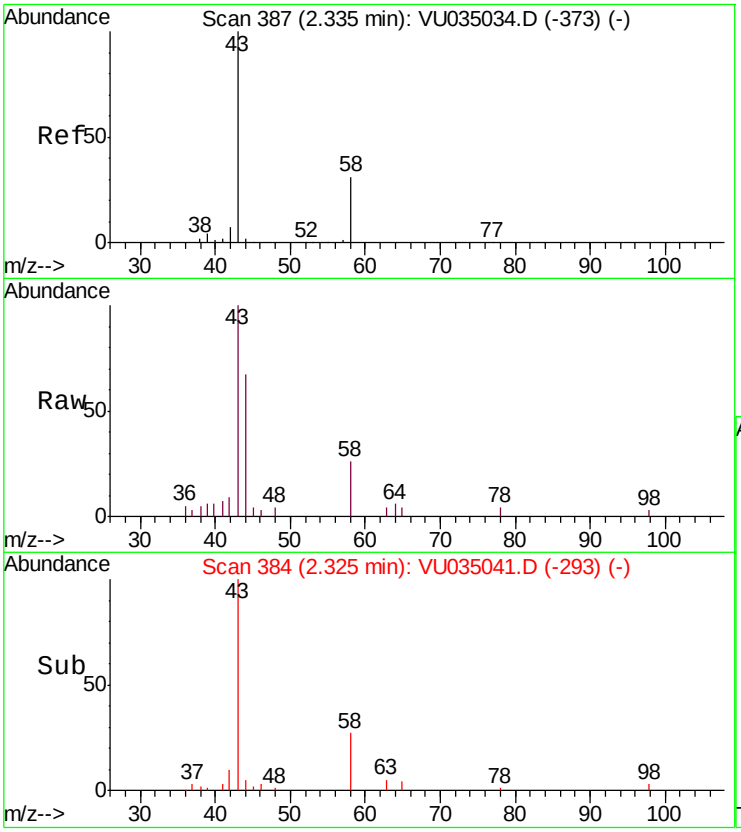


#12
1,1-Dichloroethene
Concen: 0.394 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 96 Resp: 4028

Ion	Ratio	Lower	Upper
96	100		
61	287.7	129.3	240.1#
63	1086.3	108.9	202.3#



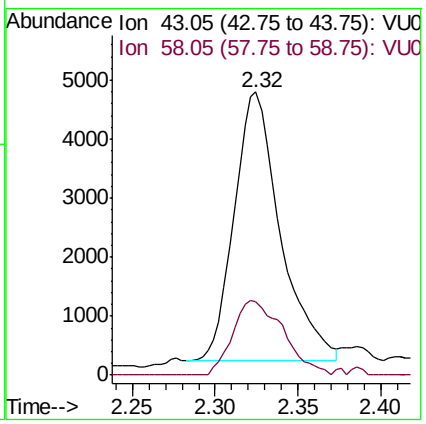


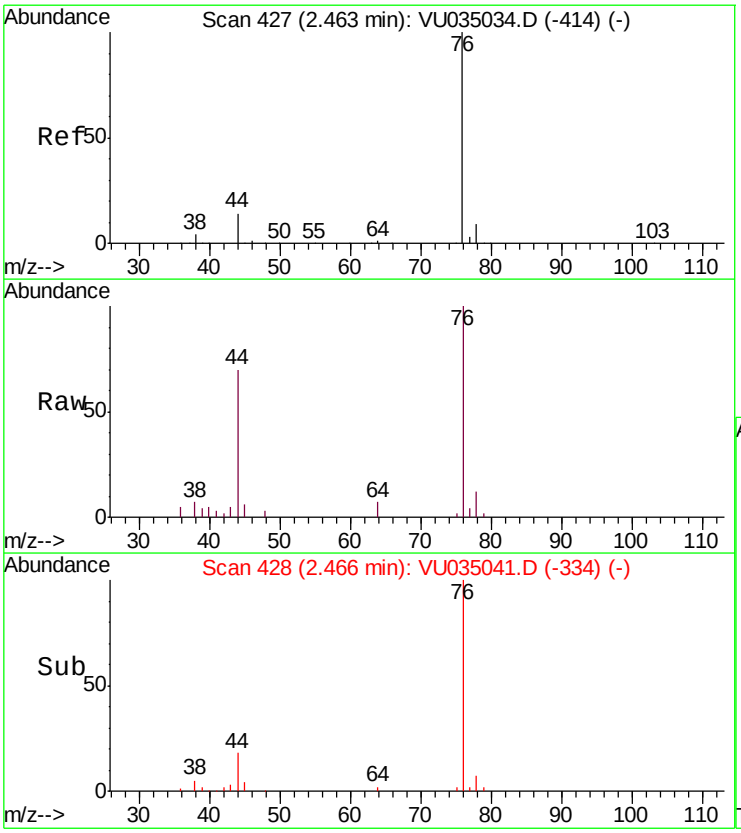
#13
Acetone
Concen: 3.906 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 43 Resp: 8853

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	66.6

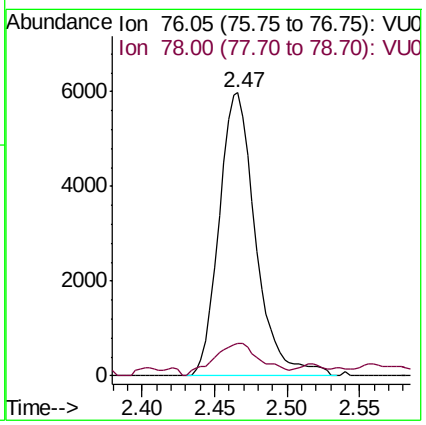


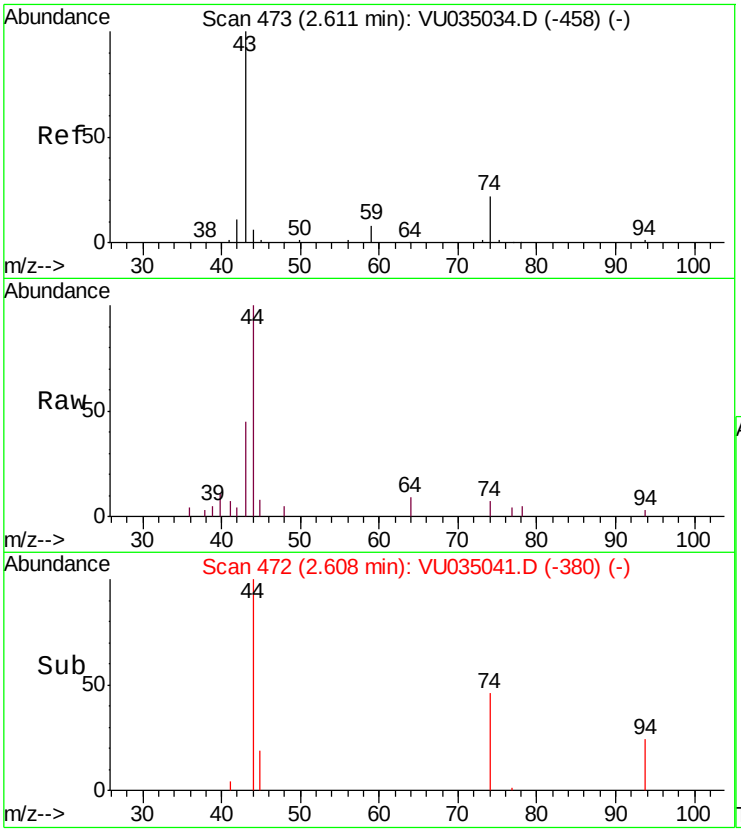


#14
Carbon disulfide
Concen: 0.307 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 76 Resp: 10421

Ion	Ratio	Lower	Upper
76	100		
78	11.5	7.1	10.7#



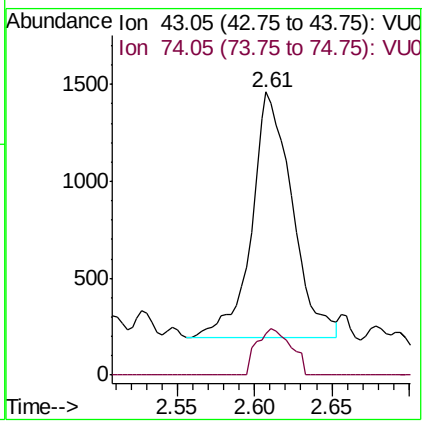


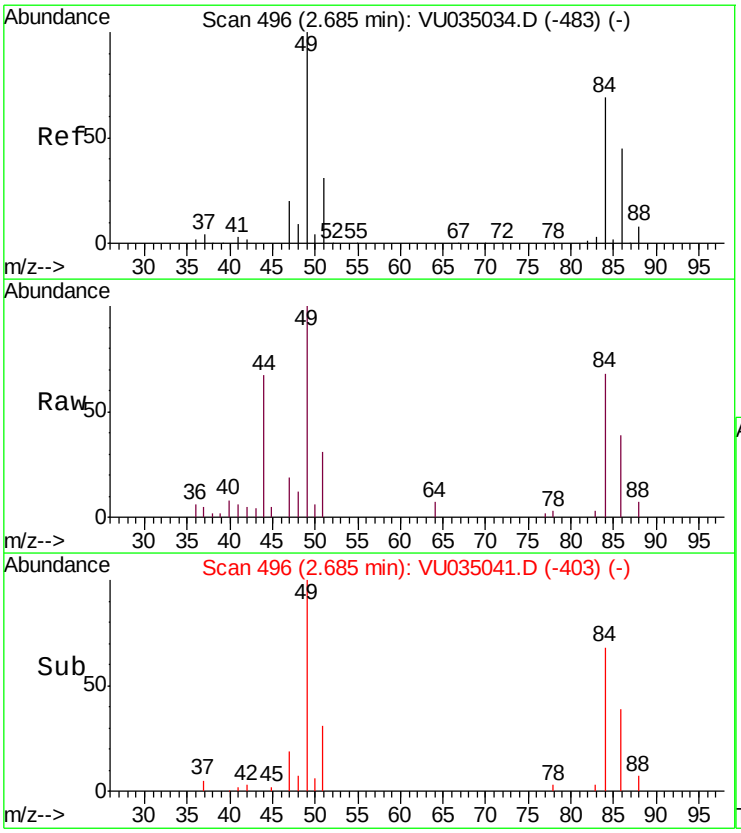
#15
Methyl Acetate
Concen: 0.385 ug/L
RT: 2.61 min Scan# 472
Delta R.T. -0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion: 43 Resp: 2320

Ion	Ratio	Lower	Upper
43	100		
74	16.0	17.8	26.8#

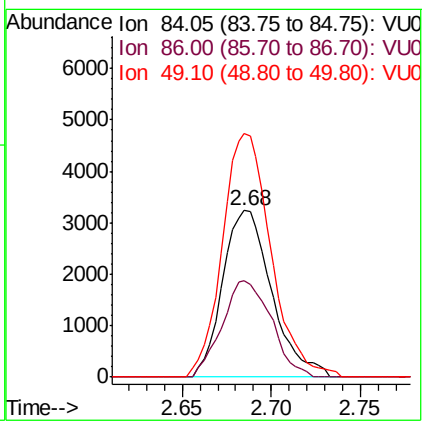


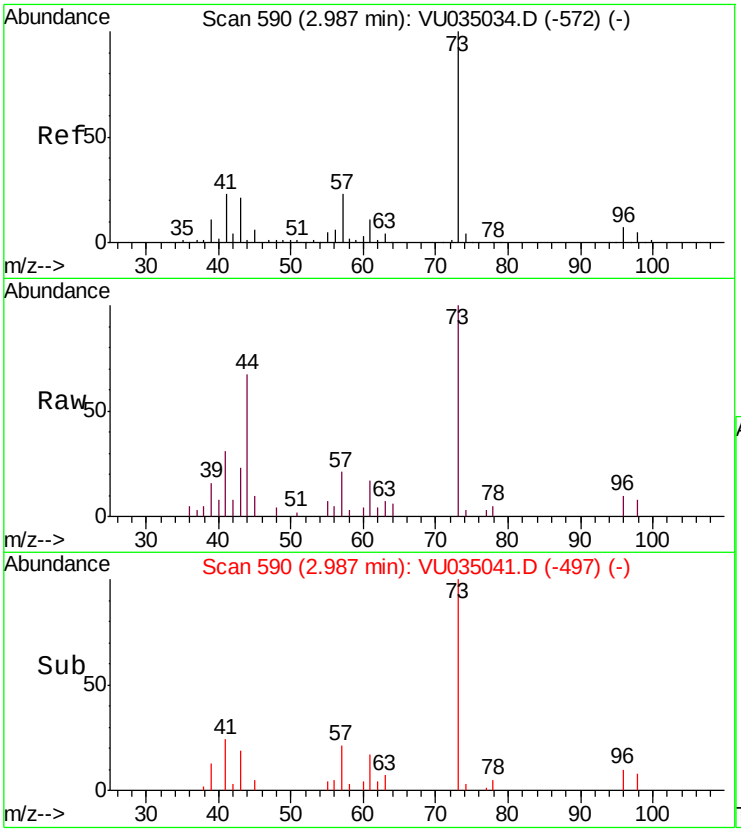


#16
Methylene chloride
Concen: 0.490 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 84 Resp: 6188

Ion	Ratio	Lower	Upper
84	100		
86	57.5	42.5	78.9
49	146.2	86.9	161.3



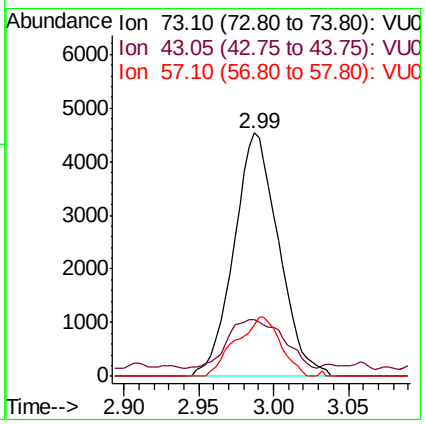


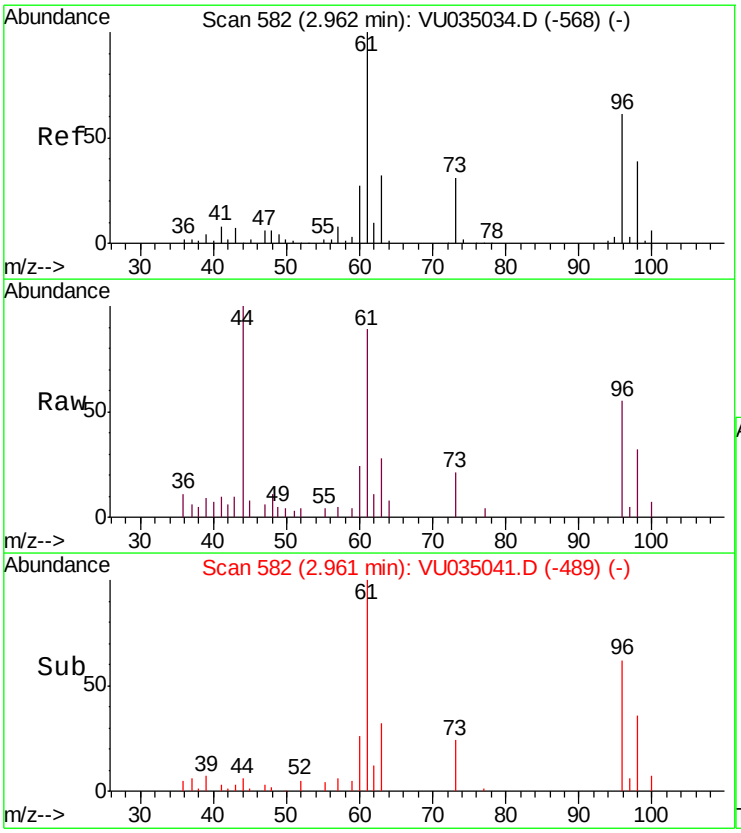
#17
Methyl tert-butyl Ether
Concen: 0.339 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 73 Resp: 9449

Ion	Ratio	Lower	Upper
73	100		
43	25.0	16.3	24.5#
57	24.1	18.6	28.0

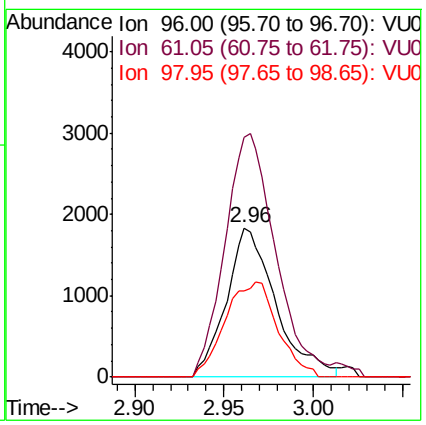


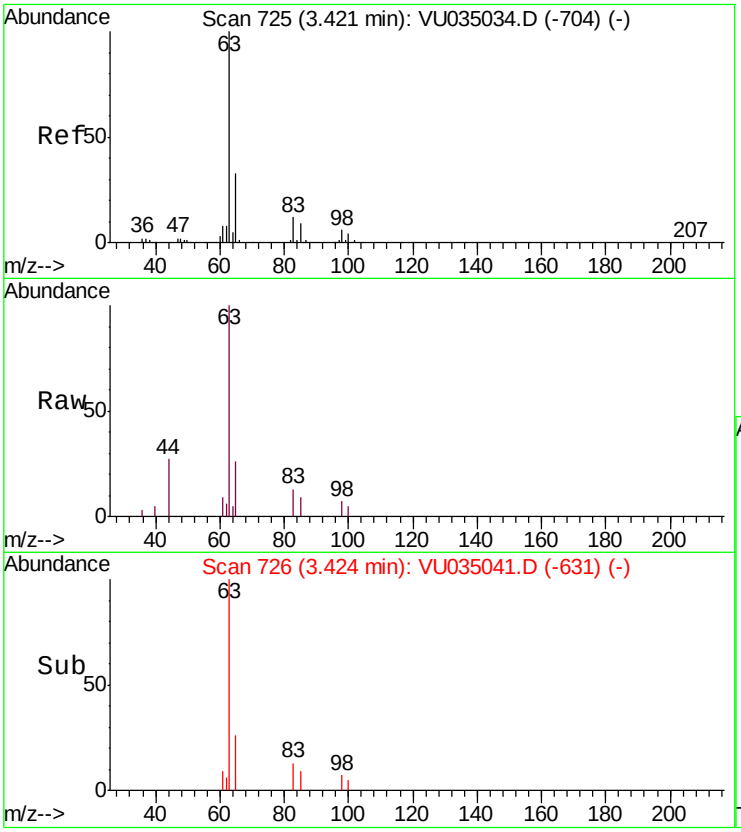


#18
trans-1,2-Dichloroethene
Concen: 0.323 ug/L
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 96 Resp: 3532

Ion	Ratio	Lower	Upper
96	100		
61	160.7	107.1	198.9
98	57.6	45.4	84.4



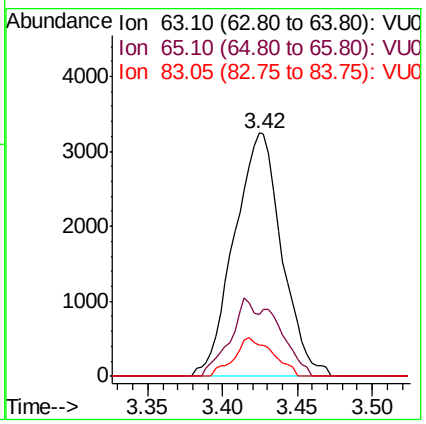


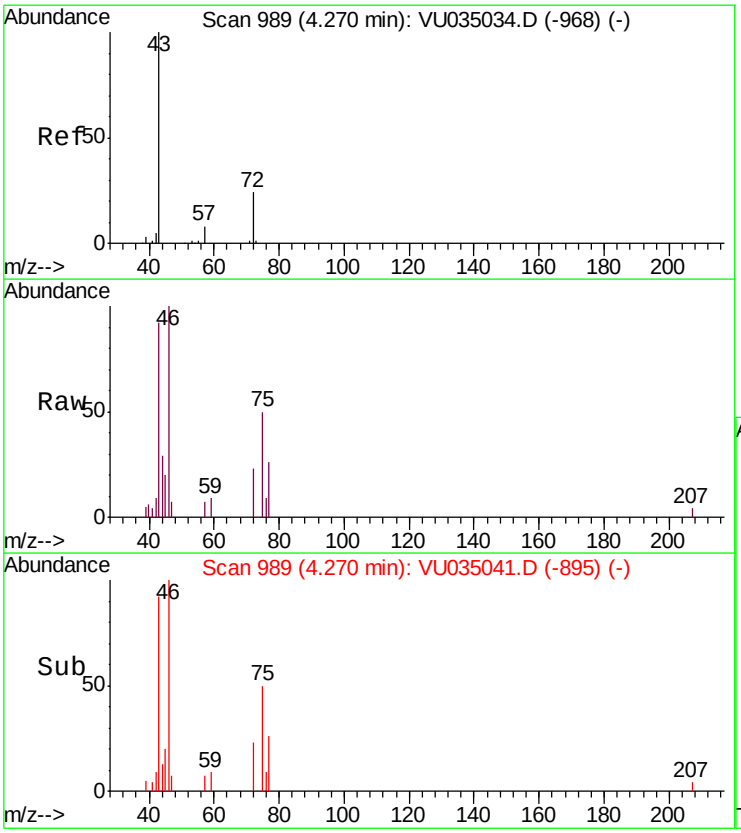
#19
1,1-Dichloroethane
Concen: 0.330 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion: 63 Resp: 7170

Ion	Ratio	Lower	Upper
63	100		
65	25.6	21.7	40.3
83	13.0	9.0	16.8

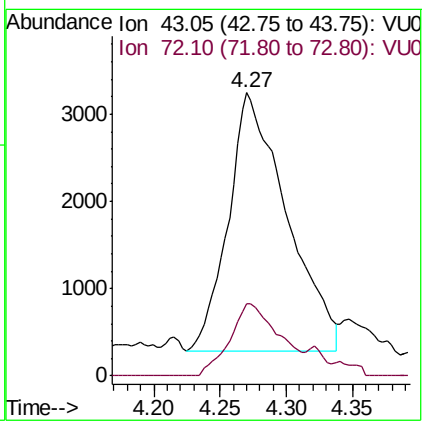


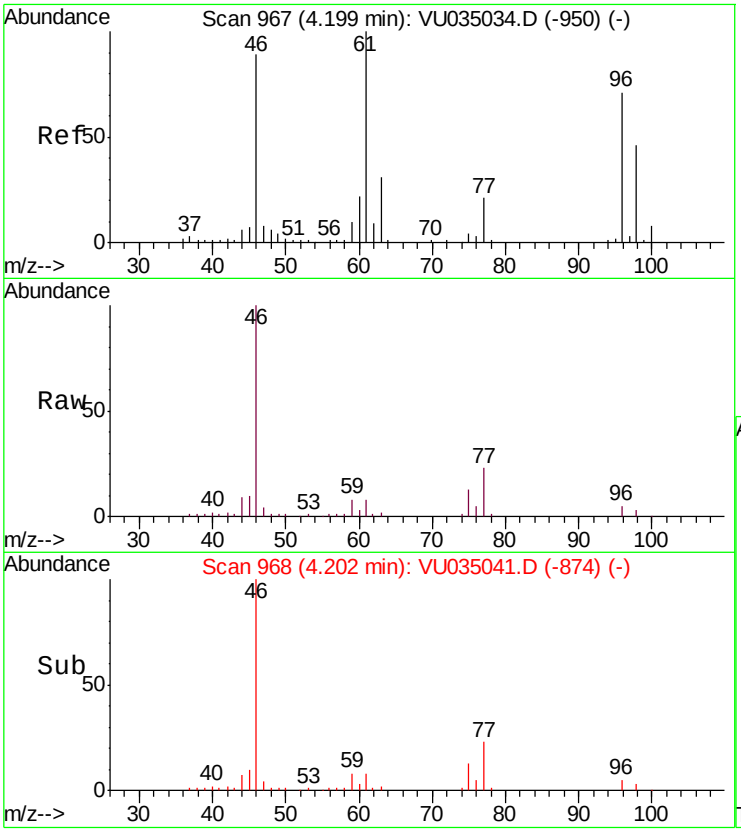


#21
2-Butanone
Concen: 2.826 ug/L
RT: 4.27 min Scan# 989
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 43 Resp: 9121

Ion	Ratio	Lower	Upper
43	100		
72	24.0	13.5	40.4



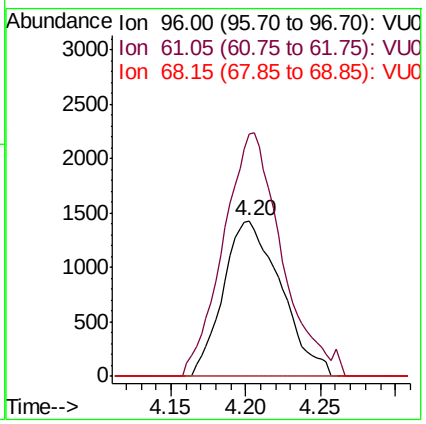


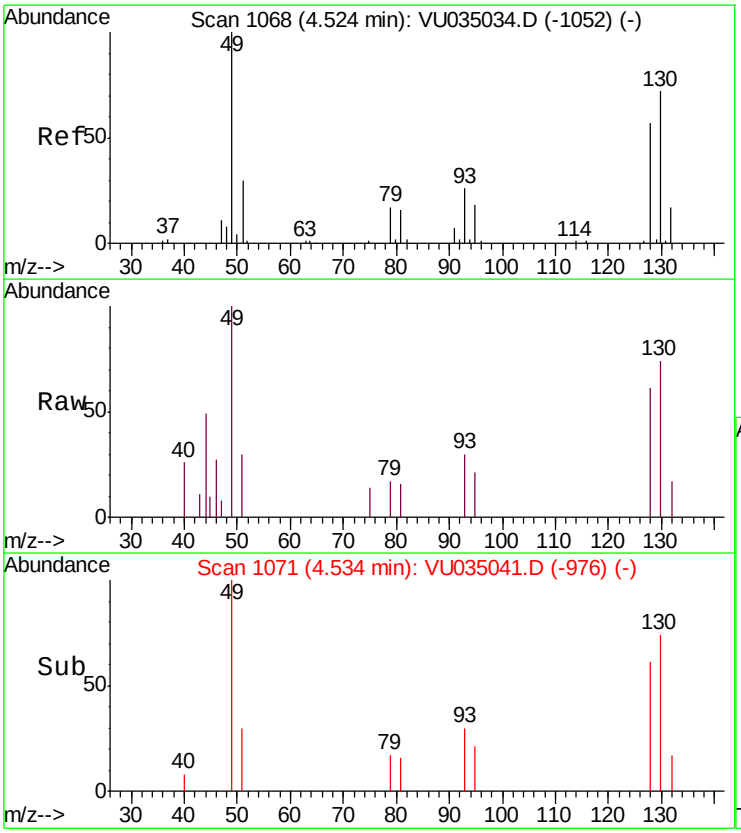
#22
cis-1,2-Dichloroethene
Concen: 0.316 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 96 Resp: 3849

Ion	Ratio	Lower	Upper
96	100		
61	155.2	89.2	165.6
68	0.0	0.0	0.0

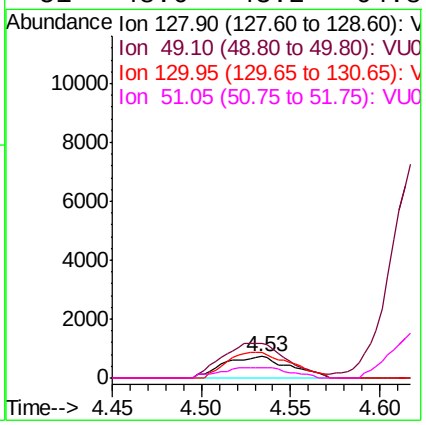


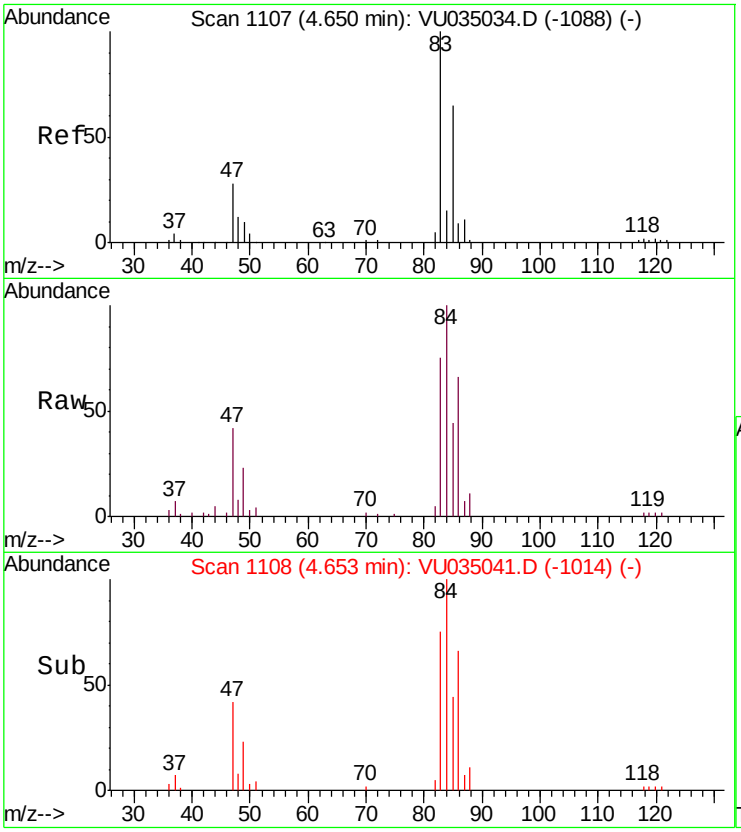


#23
Bromochloromethane
Concen: 0.365 ug/L
RT: 4.53 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:128 Resp: 1867

Ion	Ratio	Lower	Upper
128	100		
49	163.5	110.5	205.3
130	120.3	88.6	164.6
51	48.6	43.2	64.8



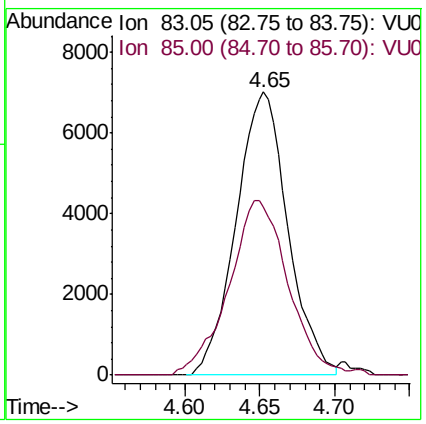


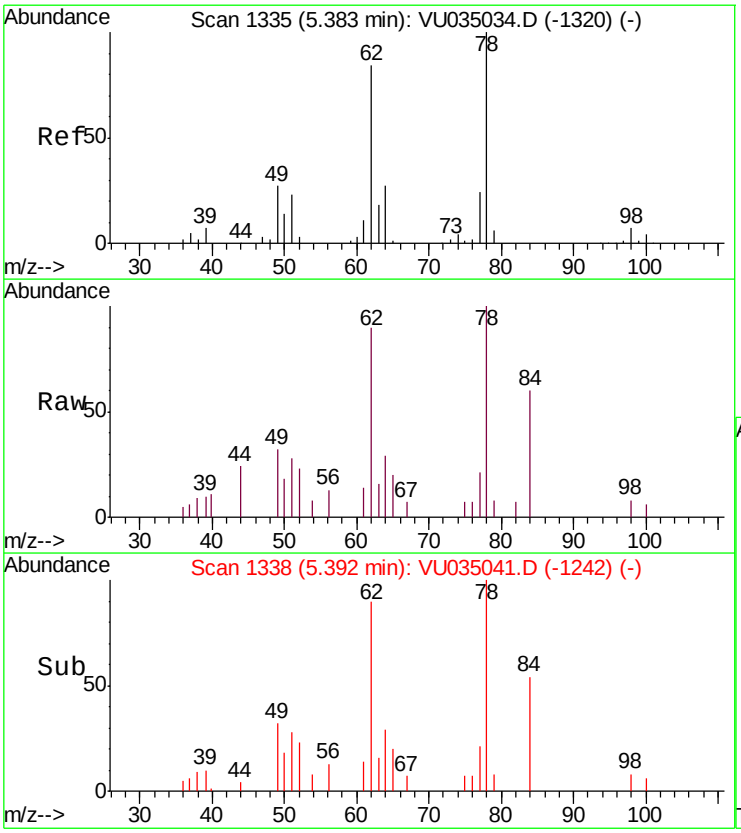
#25
Chloroform
Concen: 0.692 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 83 Resp: 16887

Ion	Ratio	Lower	Upper
83	100		
85	59.2	45.4	84.4

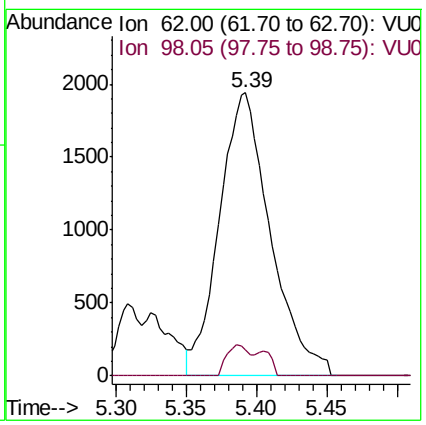


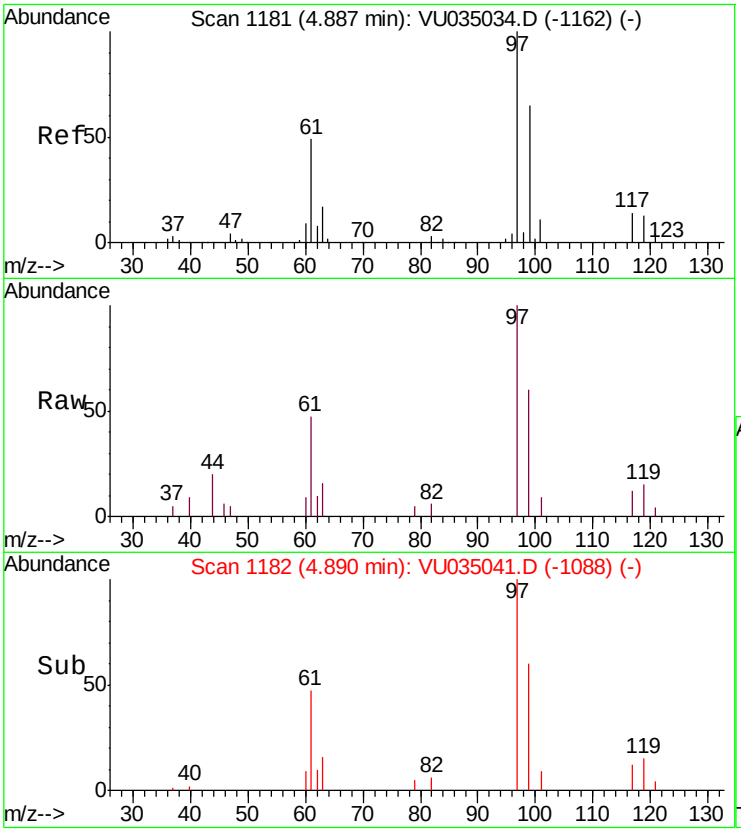


#27
1,2-Dichloroethane
Concen: 0.344 ug/L
RT: 5.39 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 62 Resp: 4905

Ion	Ratio	Lower	Upper
62	100		
98	9.0	6.6	10.0



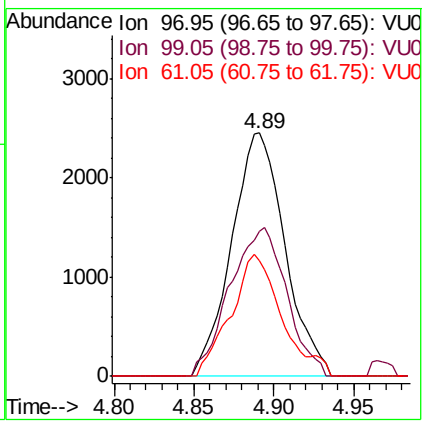


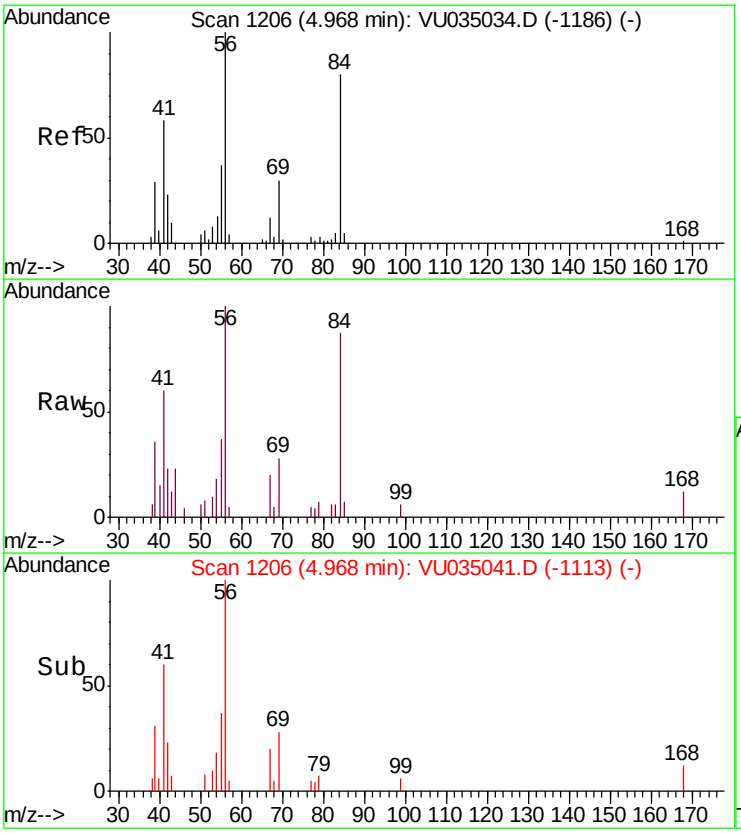
#29
1,1,1-Trichloroethane
Concen: 0.310 ug/L
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 97 Resp: 5599

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	47.7	36.2	54.4

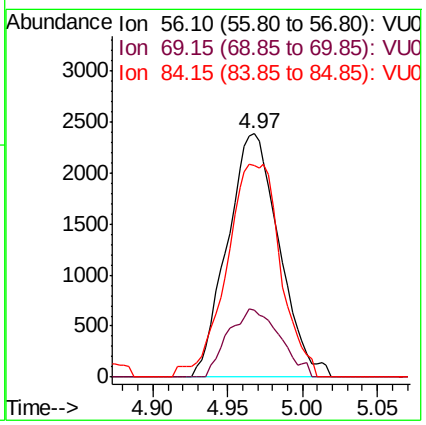


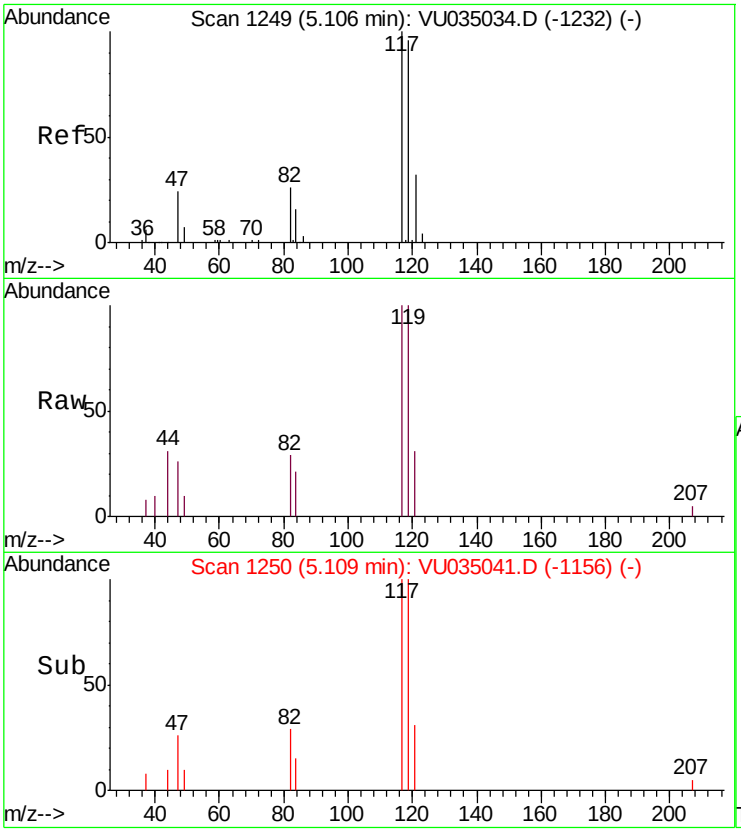


#30
Cyclohexane
Concen: 0.290 ug/L
RT: 4.97 min Scan# 1206
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 56 Resp: 5756

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.9	35.9
84	90.6	69.5	104.3



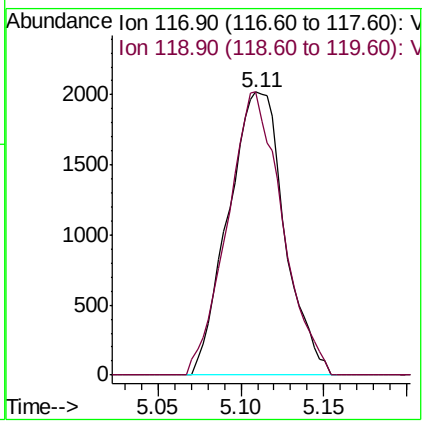


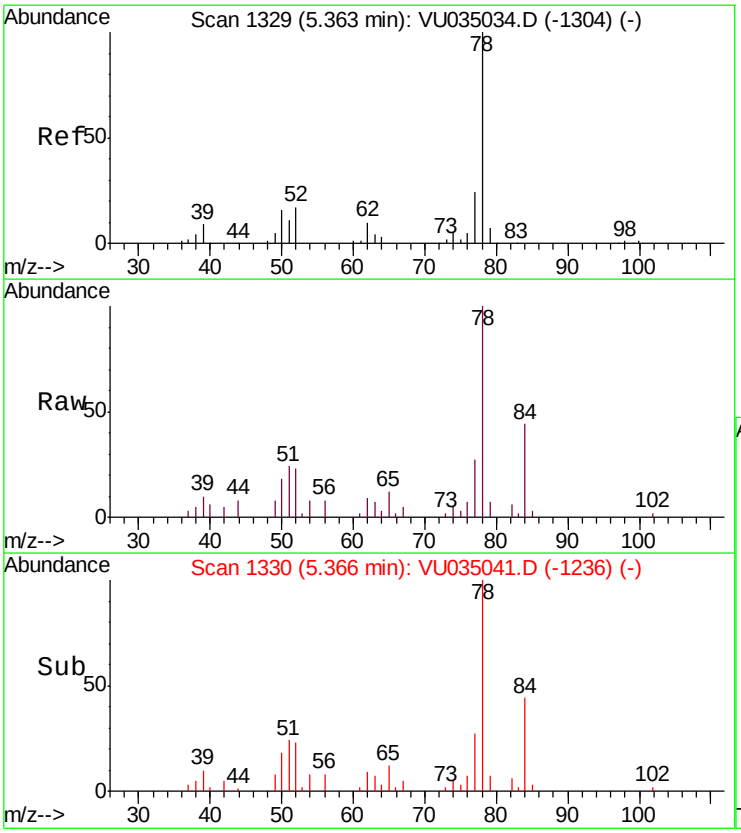
#31
Carbon tetrachloride
Concen: 0.305 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:117 Resp: 4771

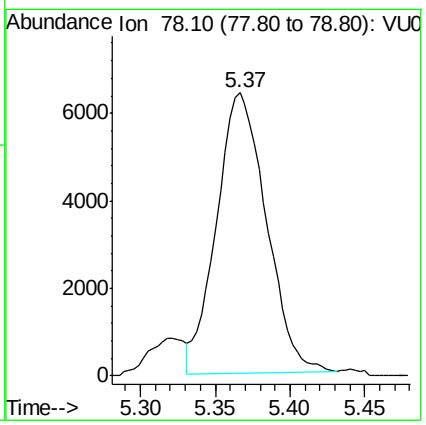
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.5	116.3

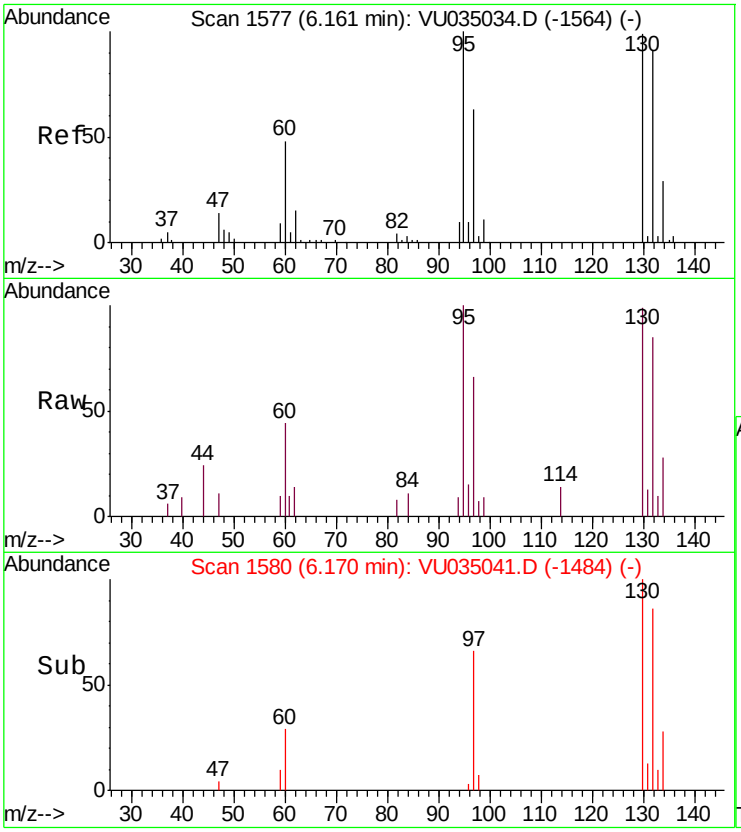




#33
Benzene
Concen: 0.306 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 78 Resp: 14822



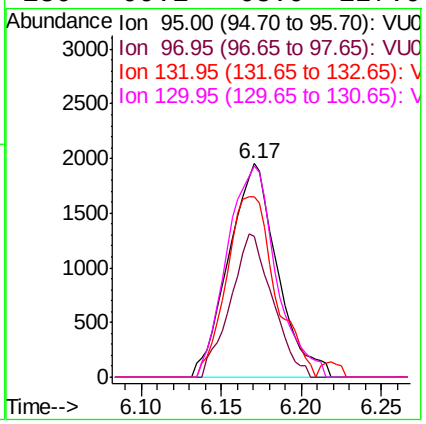


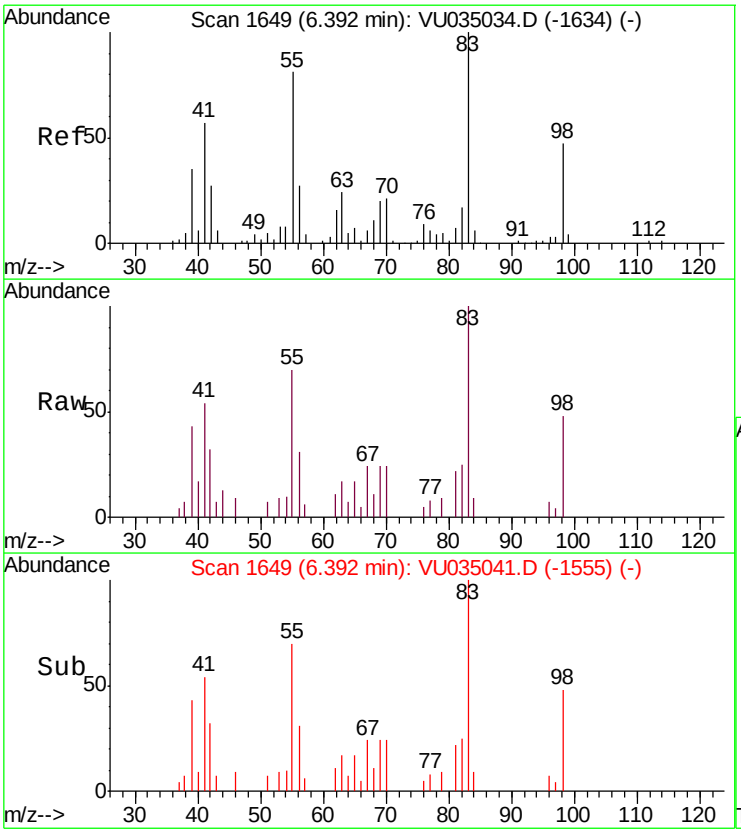
#34
Trichloroethene
Concen: 0.326 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 95 Resp: 4070

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.5	82.7
132	84.8	66.6	123.8
130	99.1	68.9	127.9

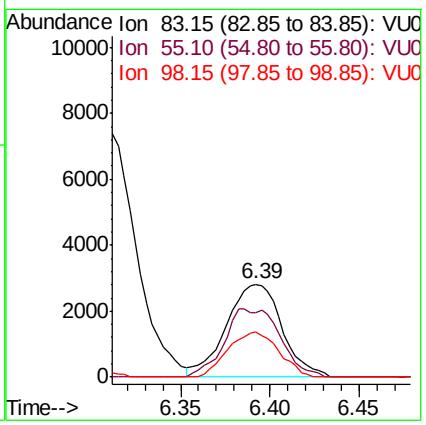


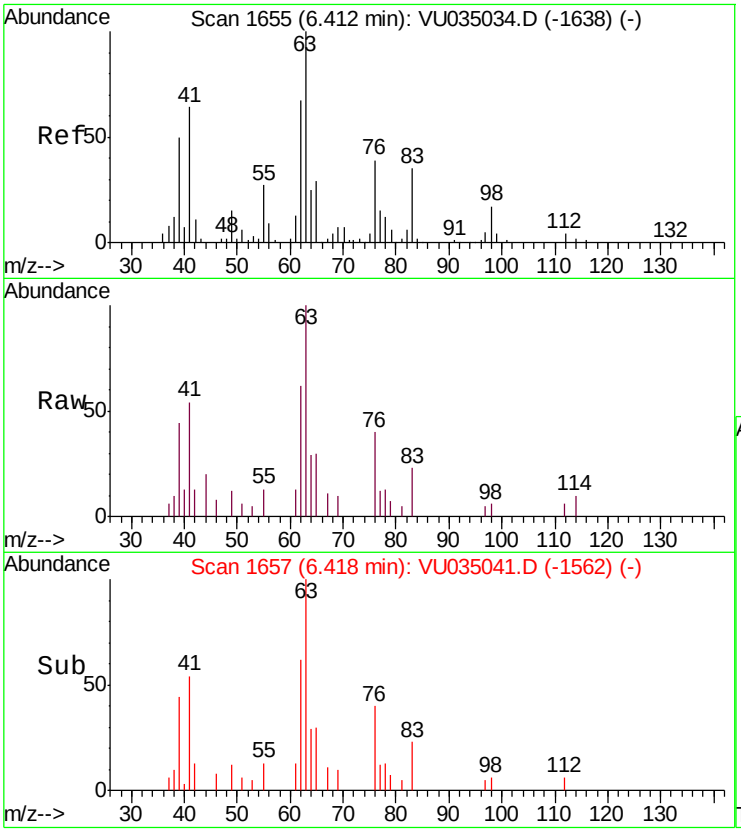


#35
Methylcyclohexane
Concen: 0.303 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 83 Resp: 6128

Ion	Ratio	Lower	Upper
83	100		
55	73.9	62.6	94.0
98	44.7	36.2	54.2



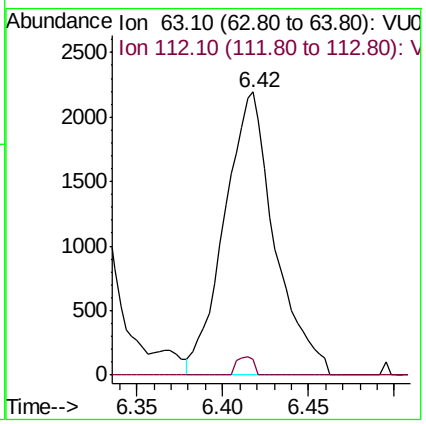


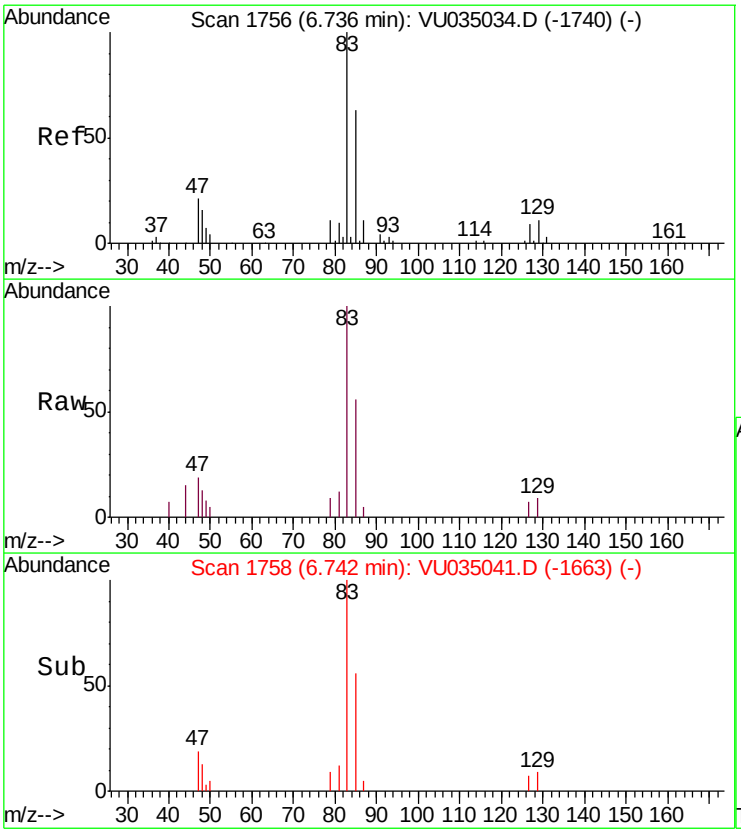
#37
1,2-Dichloropropane
Concen: 0.342 ug/L
RT: 6.42 min Scan# 1657
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion: 63 Resp: 4465

Ion	Ratio	Lower	Upper
63	100		
112	2.2	3.1	4.7#

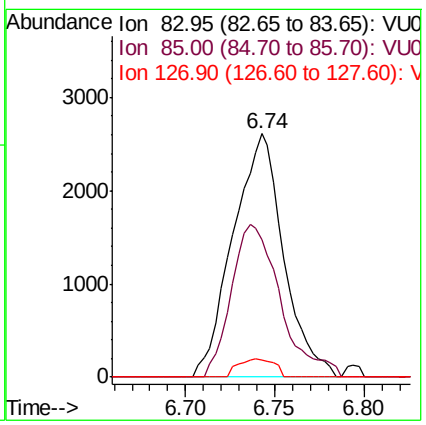


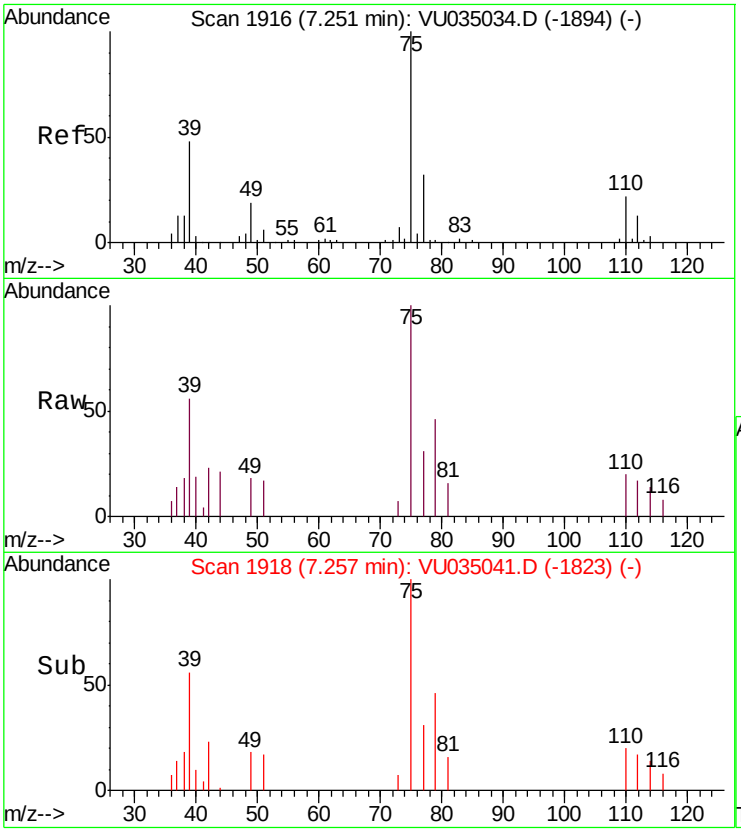


#38
Bromodichloromethane
Concen: 0.336 ug/L
RT: 6.74 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 83 Resp: 5153

Ion	Ratio	Lower	Upper
83	100		
85	56.2	44.0	81.8
127	7.0	7.0	10.4



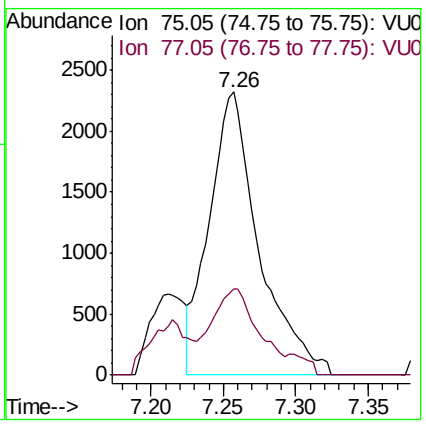


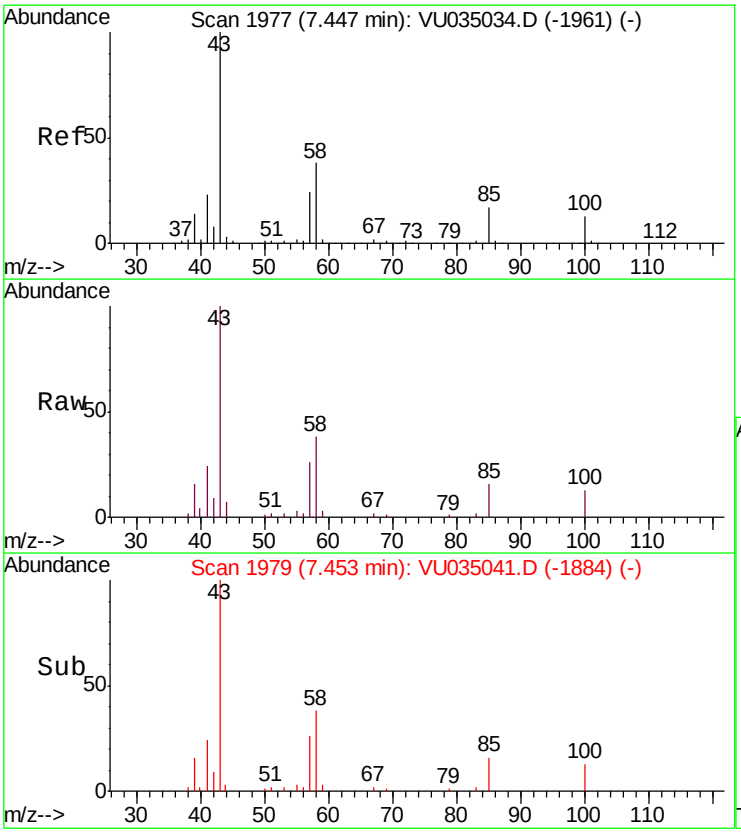
#39
cis-1,3-Dichloropropene
Concen: 0.313 ug/L
RT: 7.26 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 75 Resp: 5535

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.1	41.1

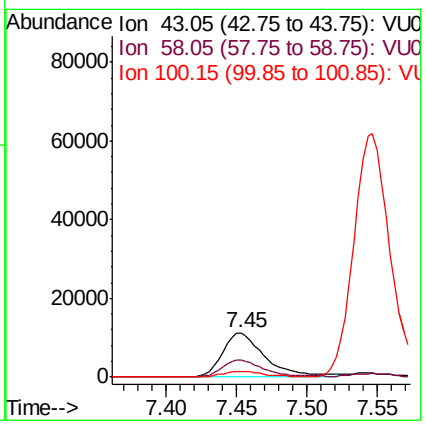


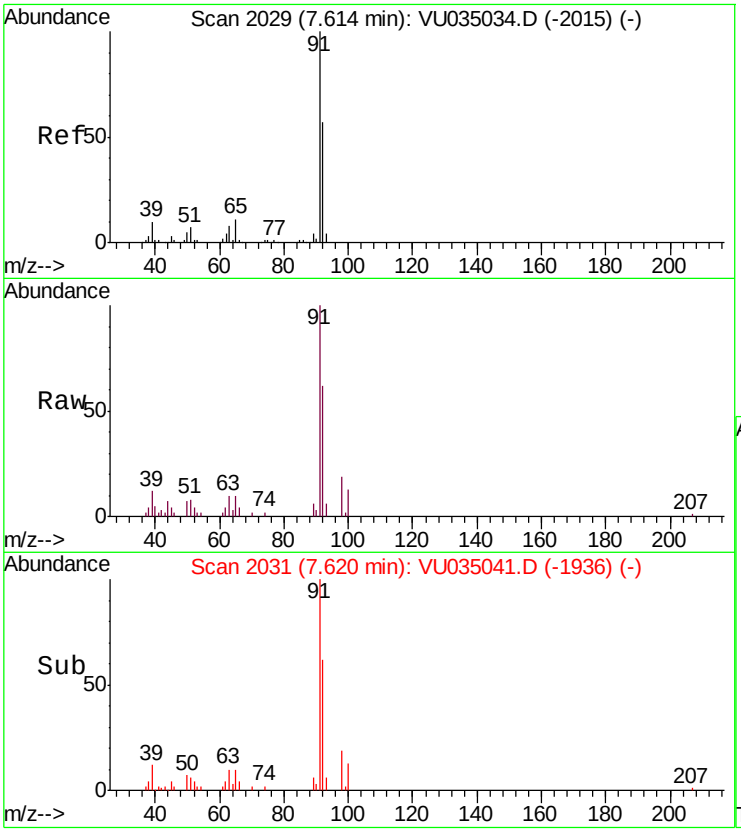


#40
4-Methyl-2-pentanone
Concen: 2.883 ug/L
RT: 7.45 min Scan# 1979
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 43 Resp: 23721

Ion	Ratio	Lower	Upper
43	100		
58	36.5	32.4	48.6
100	0.0	11.9	17.9#



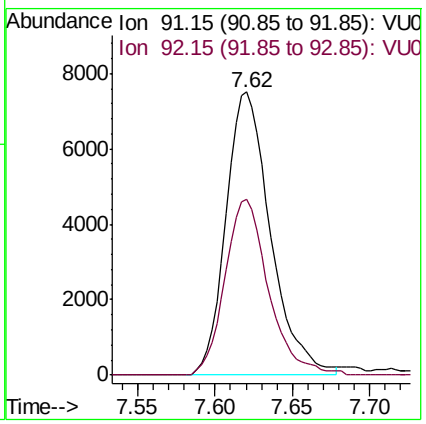


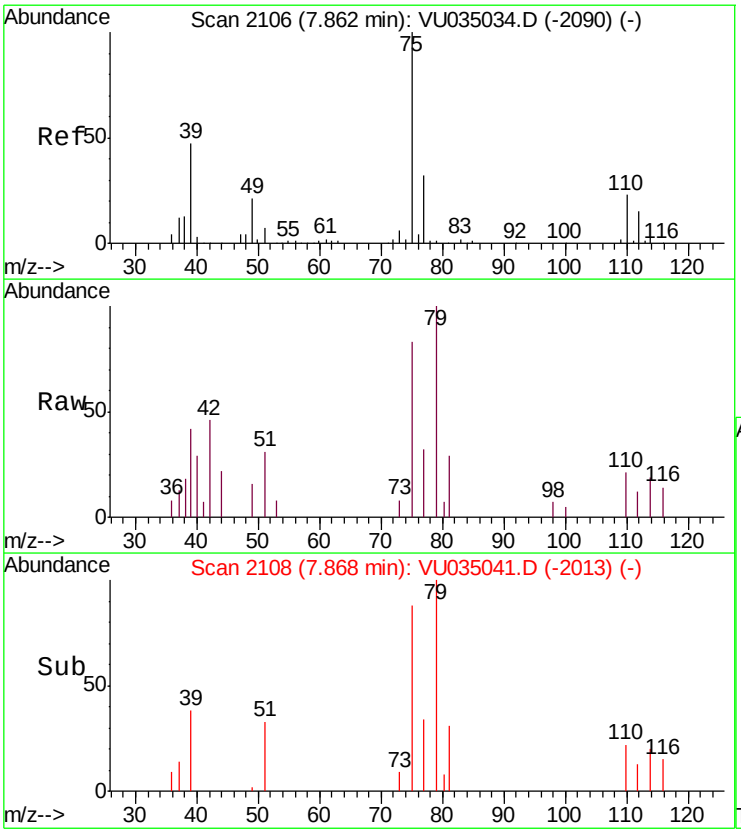
#42
Toluene
Concen: 0.297 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 91 Resp: 15004

Ion	Ratio	Lower	Upper
91	100		
92	62.0	40.0	74.2

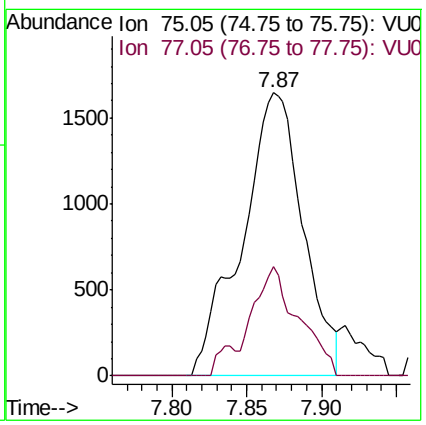


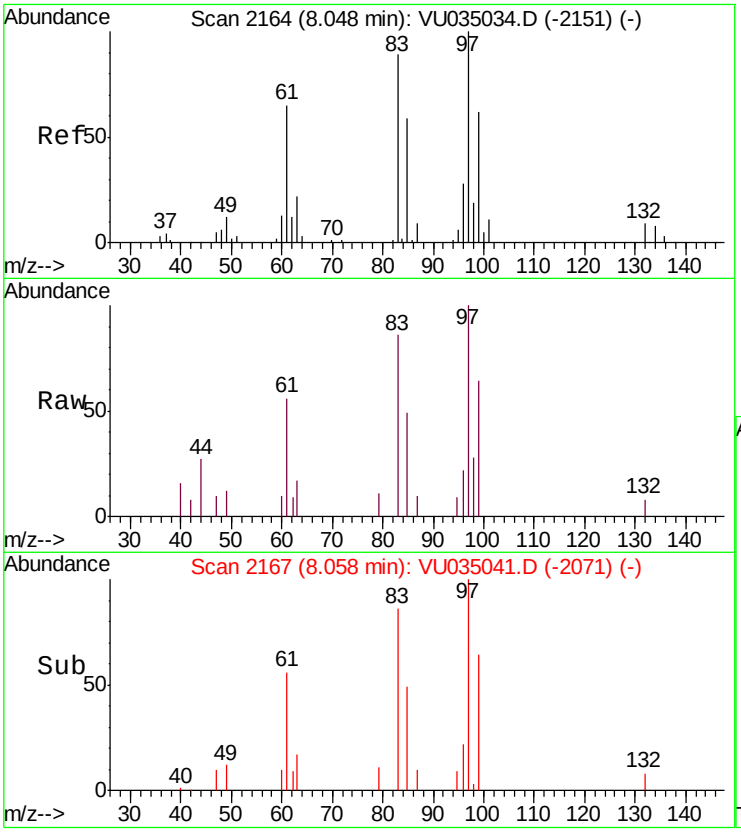


#44
trans-1,3-Dichloropropene
Concen: 0.341 ug/L
RT: 7.87 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 75 Resp: 4671

Ion	Ratio	Lower	Upper
75	100		
77	38.5	21.6	40.0



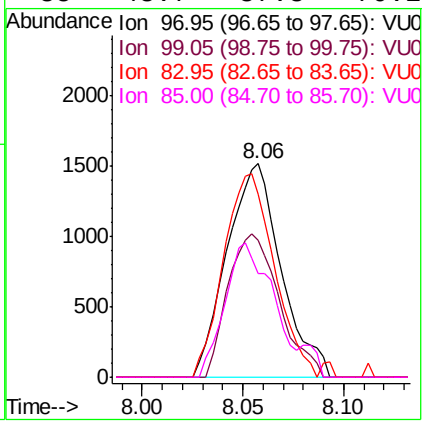


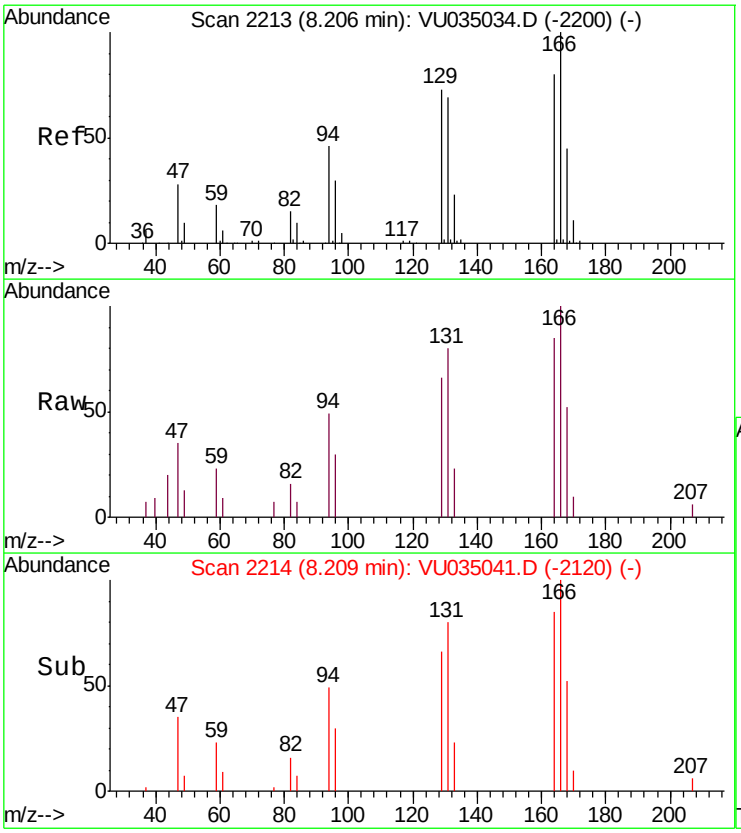
#45
1,1,2-Trichloroethane
Concen: 0.327 ug/L
RT: 8.06 min Scan# 2167
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 97 Resp: 2835

Ion	Ratio	Lower	Upper
97	100		
99	64.1	42.3	78.5
83	85.9	58.0	107.6
85	48.7	37.8	70.2

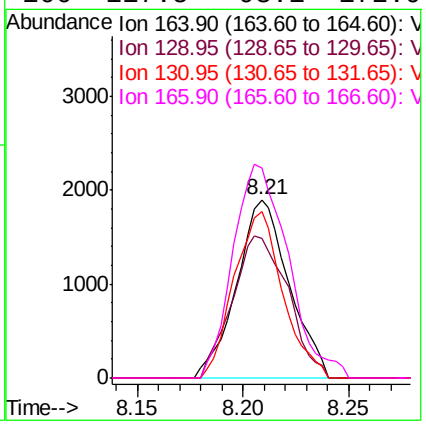


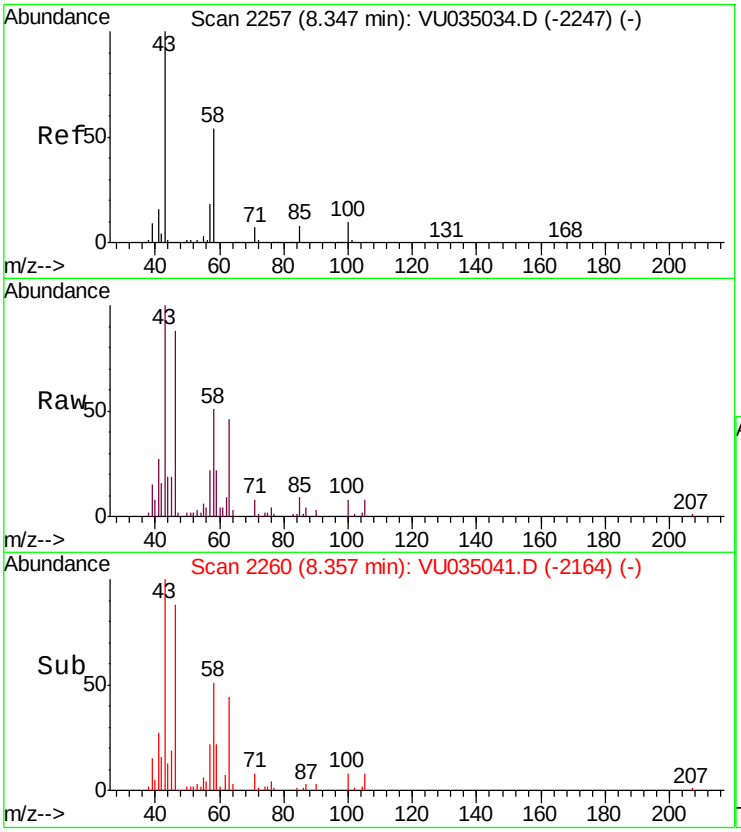


#47
Tetrachloroethene
Concen: 0.324 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:164 Resp: 3277

Ion	Ratio	Lower	Upper
164	100		
129	78.0	68.5	127.1
131	93.7	67.3	124.9
166	117.5	93.1	172.9



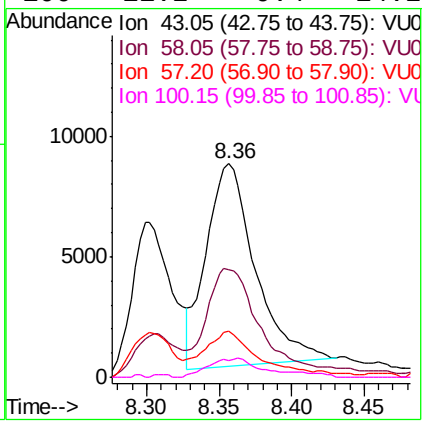


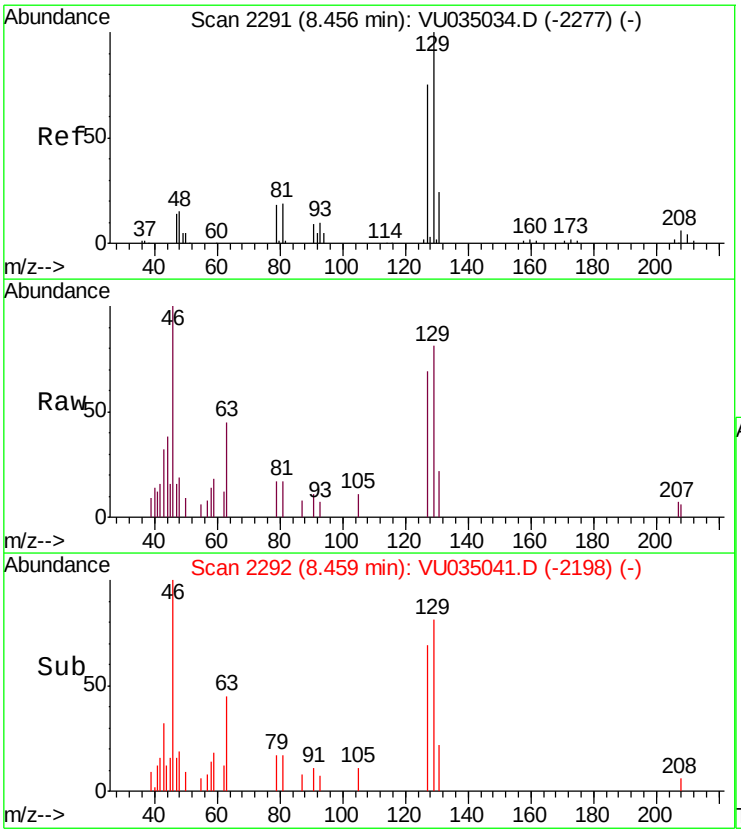
#48
2-Hexanone
Concen: 3.511 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion: 43 Resp: 19807

Ion	Ratio	Lower	Upper
43	100		
58	59.2	44.1	66.1
57	20.1	15.8	23.8
100	11.2	9.4	14.2

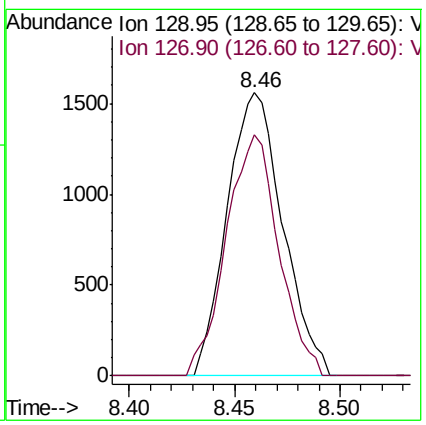


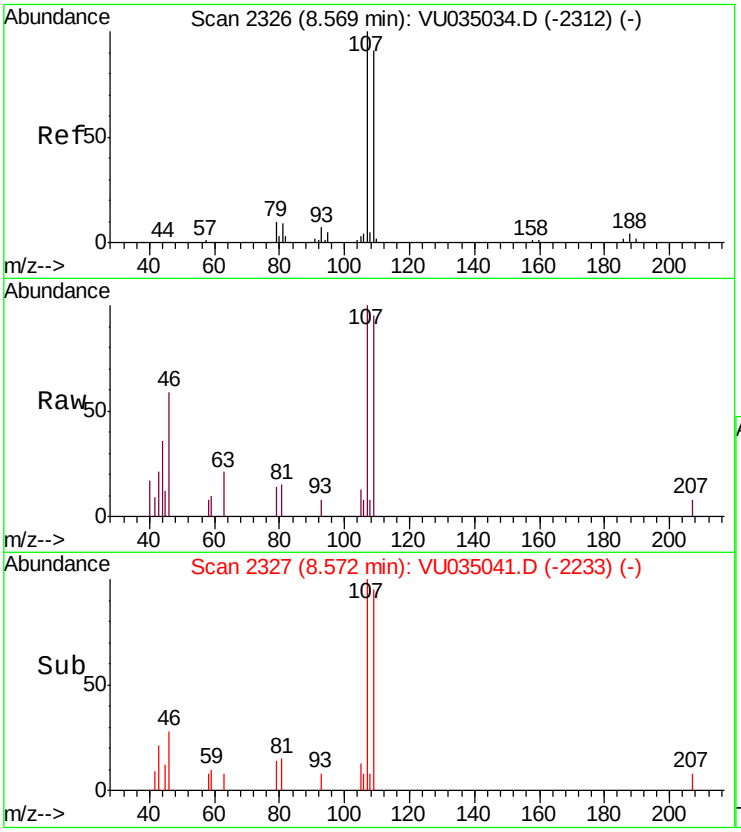


#49
Dibromochloromethane
Concen: 0.285 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:129 Resp: 2857

Ion	Ratio	Lower	Upper
129	100		
127	85.0	51.9	96.5



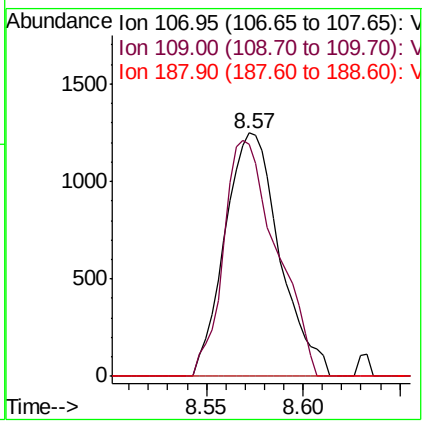


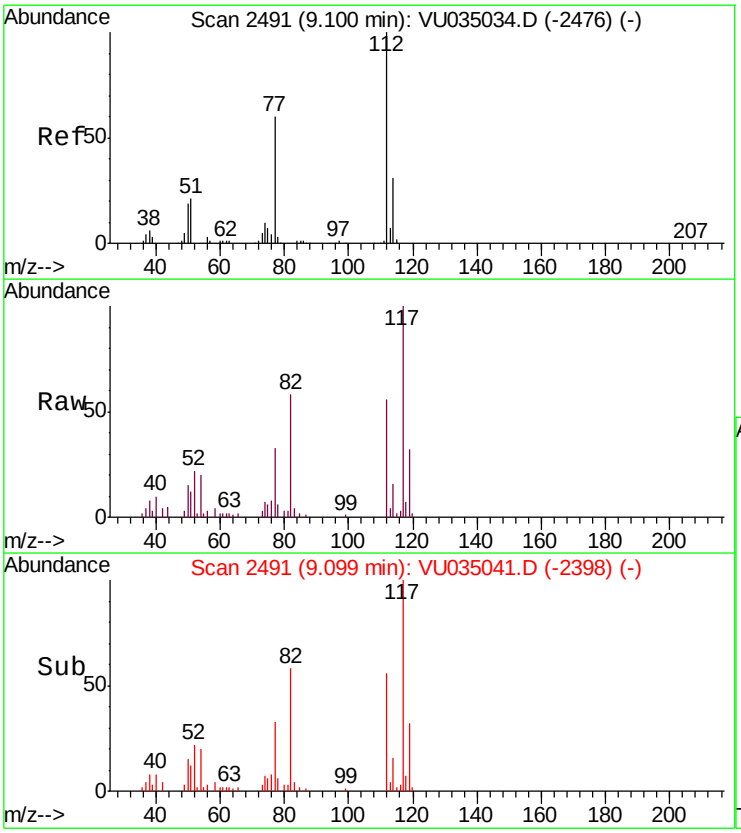
#50
1,2-Dibromoethane
Concen: 0.297 ug/L
RT: 8.57 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:107 Resp: 2462

Ion	Ratio	Lower	Upper
107	100		
109	95.4	64.8	120.4
188	0.0	3.0	4.6#

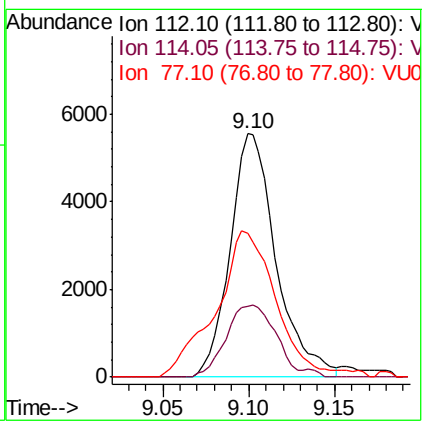


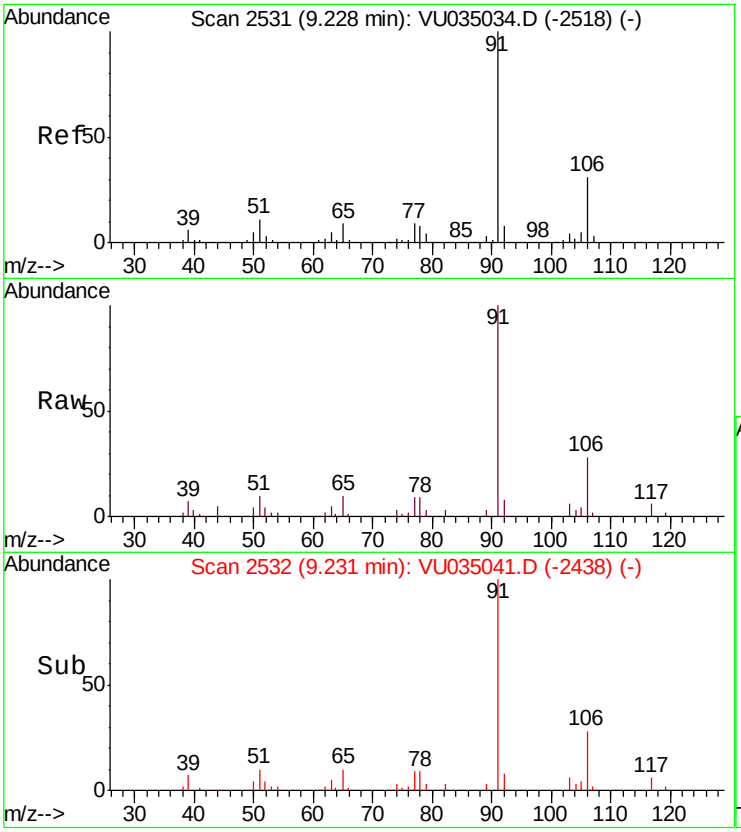


#51
Chlorobenzene
Concen: 0.317 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:112 Resp: 10377

Ion	Ratio	Lower	Upper
112	100		
114	29.0	22.1	41.1
77	58.9	46.9	70.3



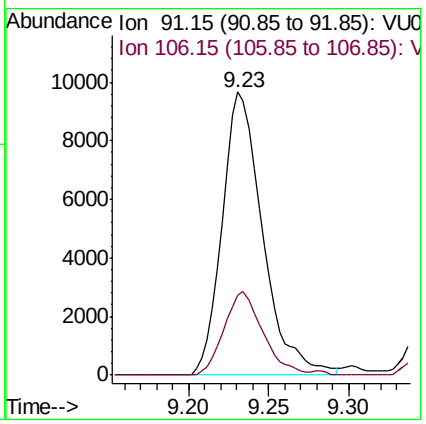


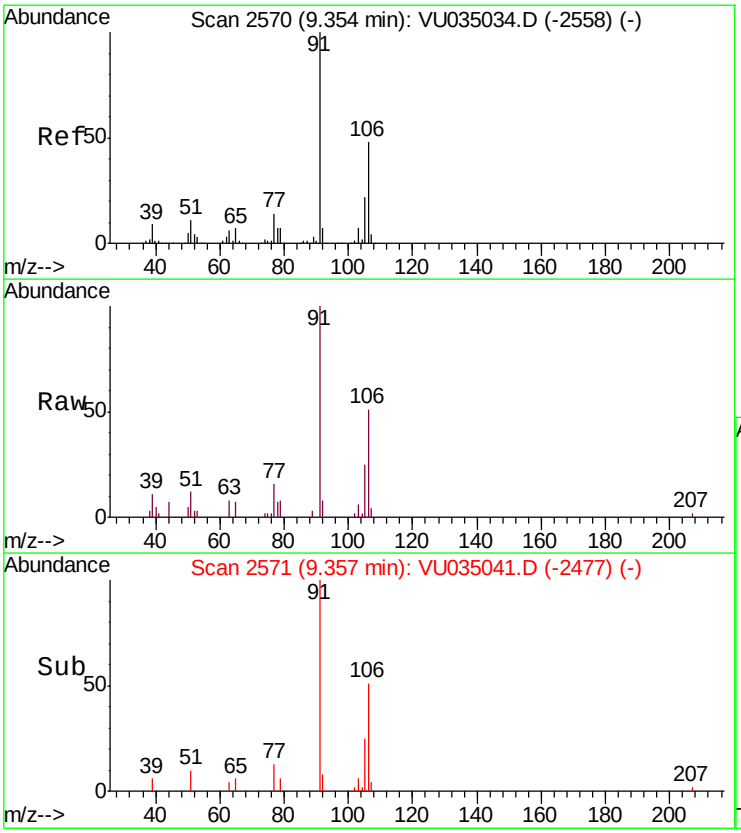
#52
Ethylbenzene
Concen: 0.299 ug/L
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion: 91 Resp: 16696

Ion	Ratio	Lower	Upper
91	100		
106	28.4	21.6	40.2

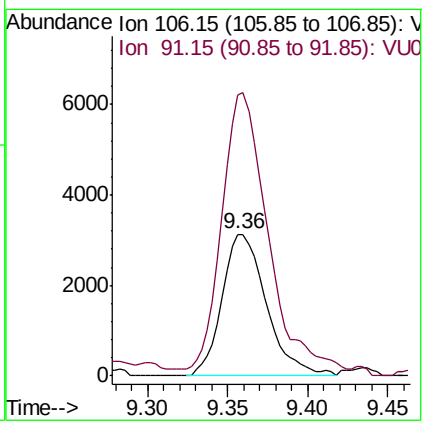


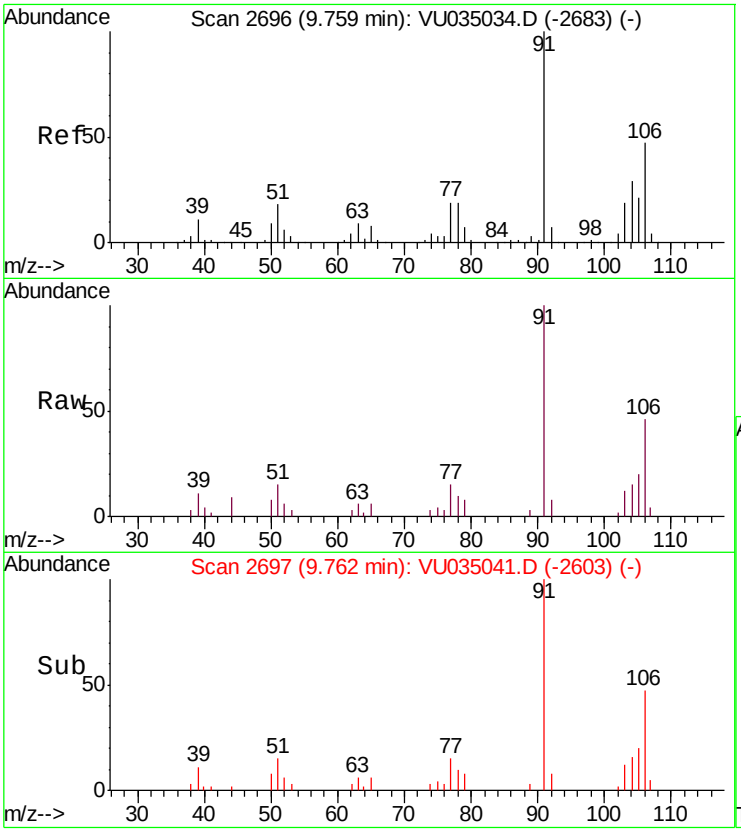


#53
m,p-Xylene
Concen: 0.288 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:106 Resp: 5933

Ion	Ratio	Lower	Upper
106	100		
91	198.0	147.6	274.0



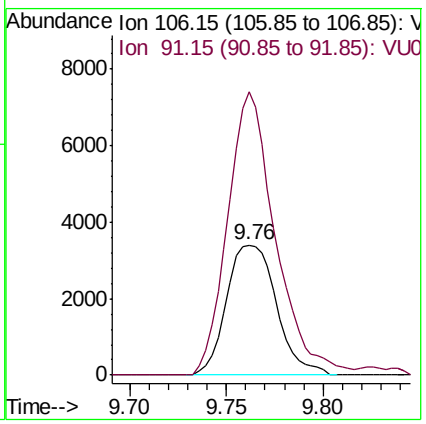


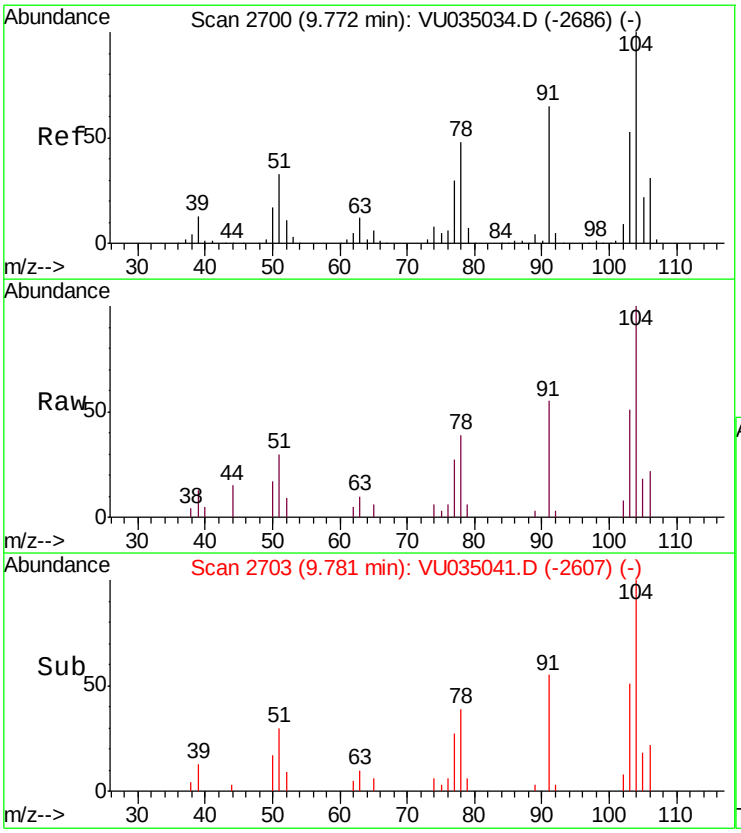
#54
o-Xylene
Concen: 0.303 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:106 Resp: 6111

Ion	Ratio	Lower	Upper
106	100		
91	217.1	148.5	275.7

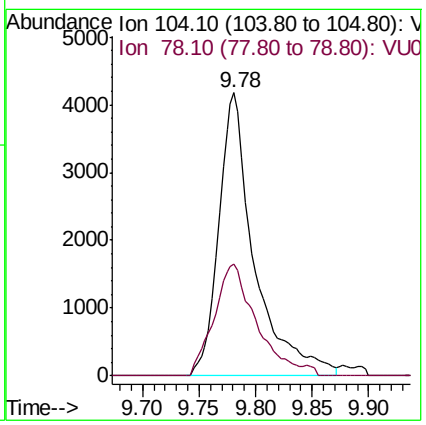


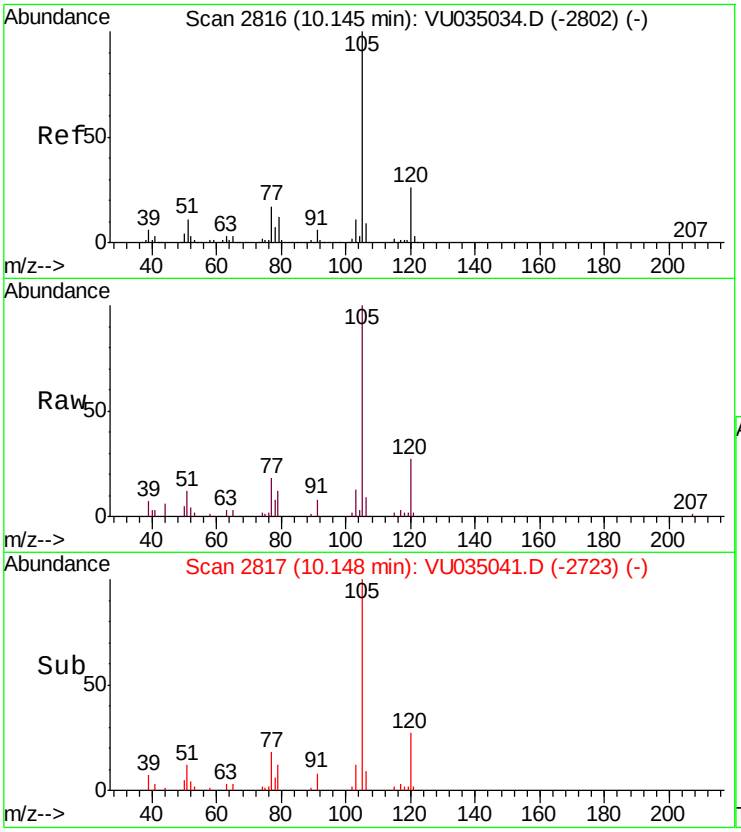


#55
Styrene
Concen: 0.279 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:104 Resp: 9119

Ion	Ratio	Lower	Upper
104	100		
78	39.4	32.8	60.8



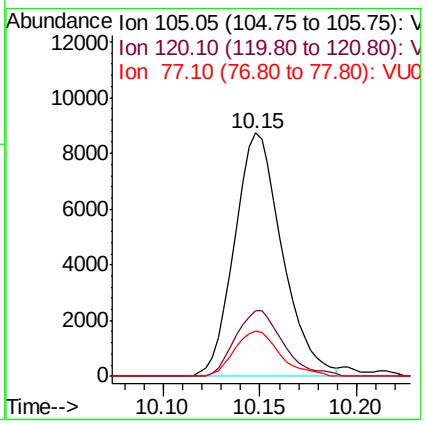


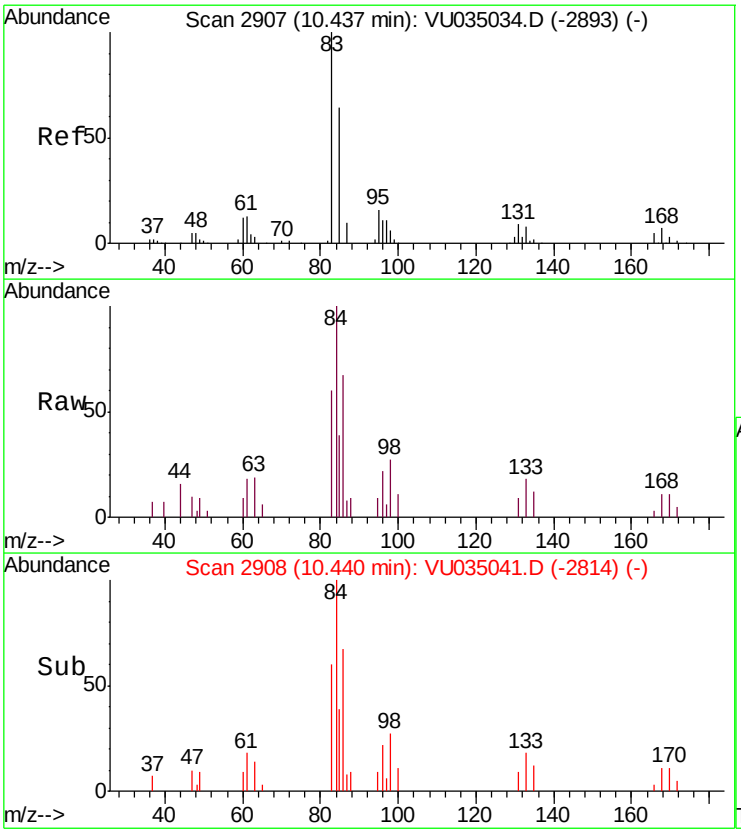
#56
Isopropylbenzene
Concen: 0.279 ug/L
RT: 10.15 min Scan# 2817
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:105 Resp: 14977

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.3	31.9
77	17.8	13.0	19.4

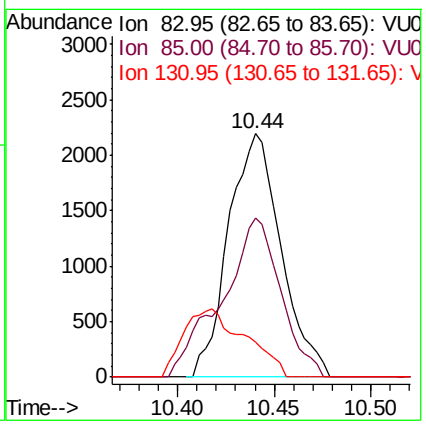


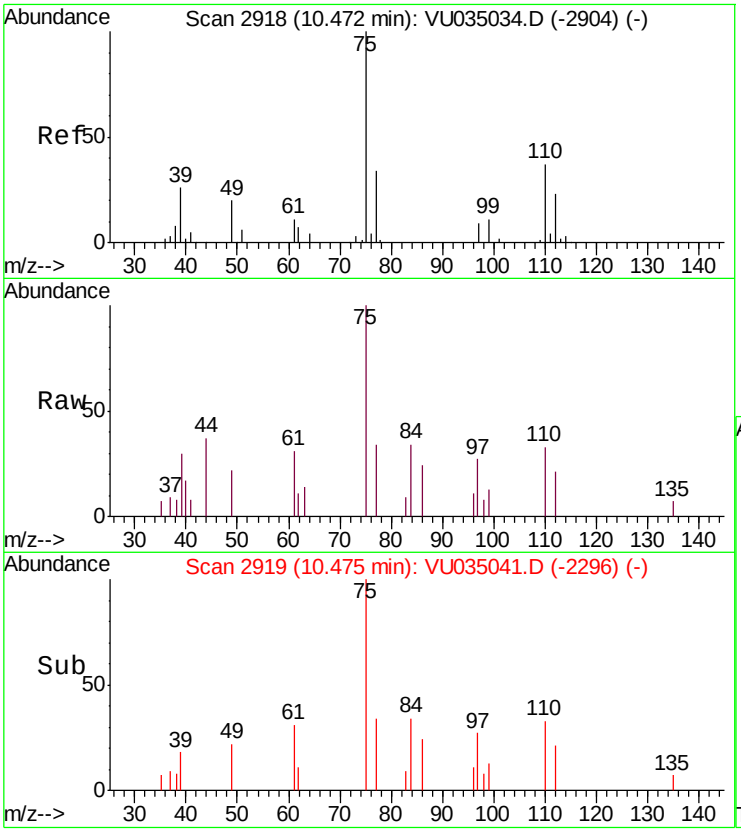


#58
1,1,2,2-Tetrachloroethane
Concen: 0.352 ug/L
RT: 10.44 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion: 83 Resp: 4157

Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.6	82.8
131	14.3	7.4	11.2#



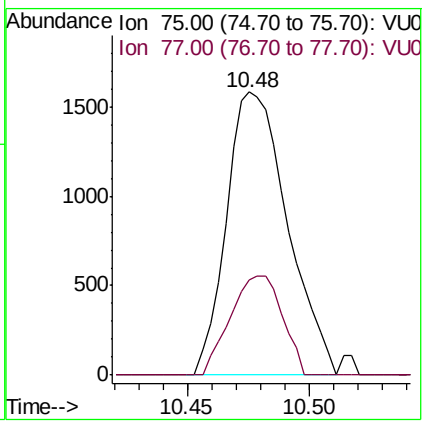


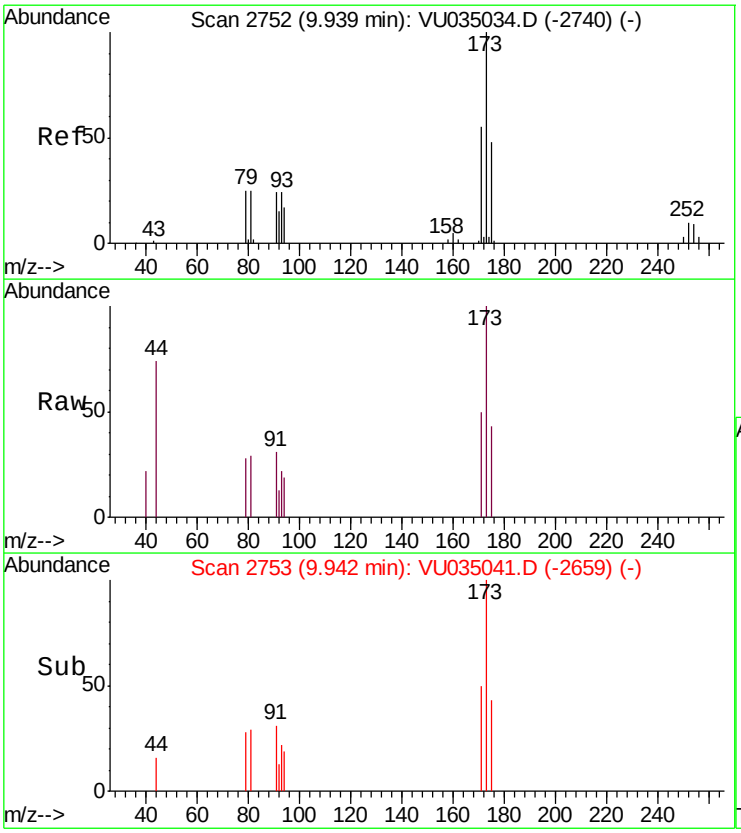
#59
1,2,3-Trichloropropane
Concen: 0.324 ug/L
RT: 10.48 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 75 Resp: 2739

Ion	Ratio	Lower	Upper
75	100		
77	30.0	26.5	39.7

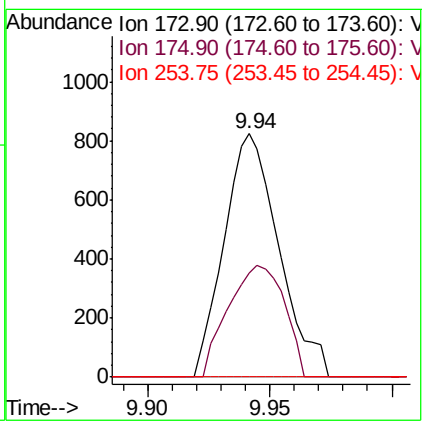


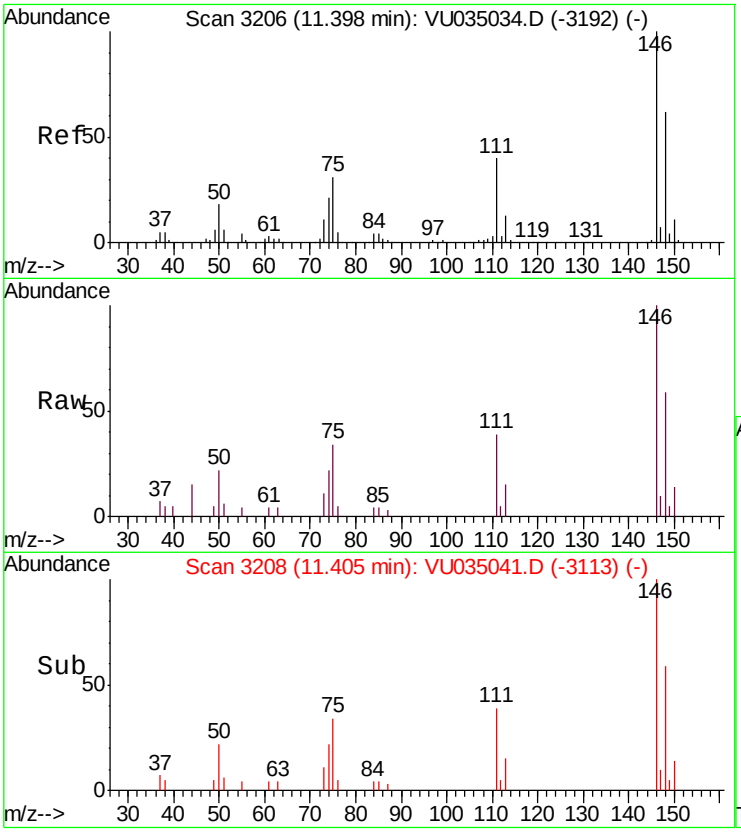


#61
Bromoform
Concen: 0.276 ug/L
RT: 9.94 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:173 Resp: 1284

Ion	Ratio	Lower	Upper
173	100		
175	47.2	37.2	55.8
254	0.0	6.6	9.8#



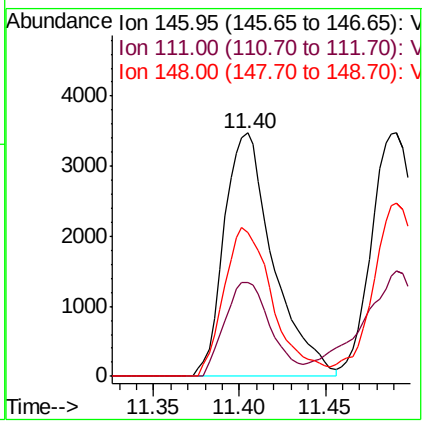


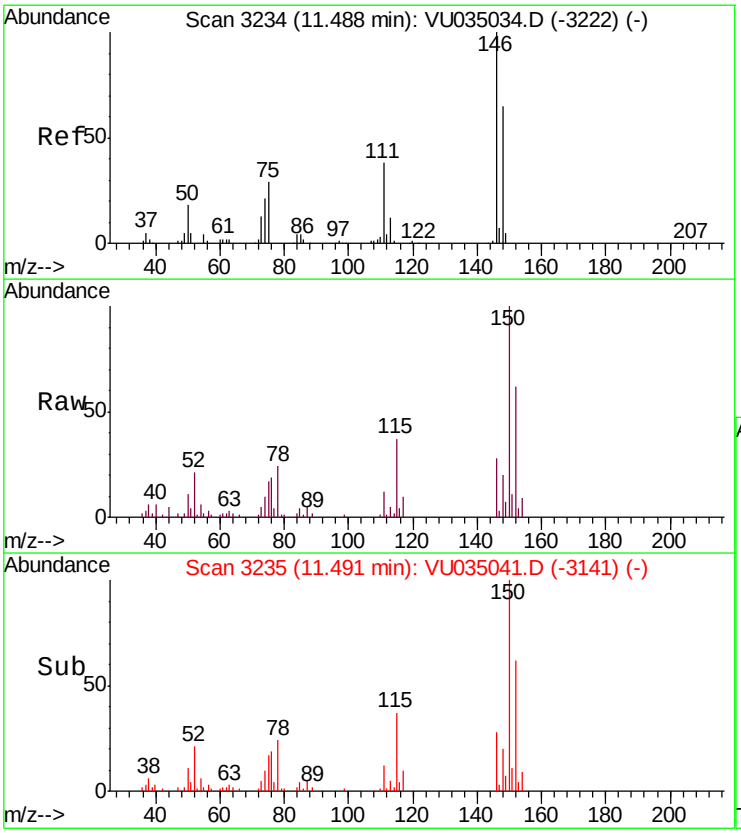
#62
1,3-Dichlorobenzene
Concen: 0.330 ug/L
RT: 11.40 min Scan# 3208
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion:146 Resp: 6900

Ion	Ratio	Lower	Upper
146	100		
111	38.8	28.6	53.2
148	59.0	45.0	83.6

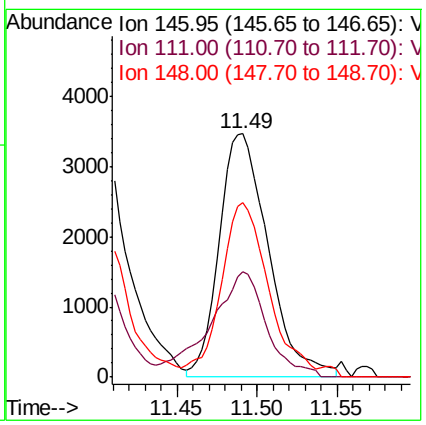


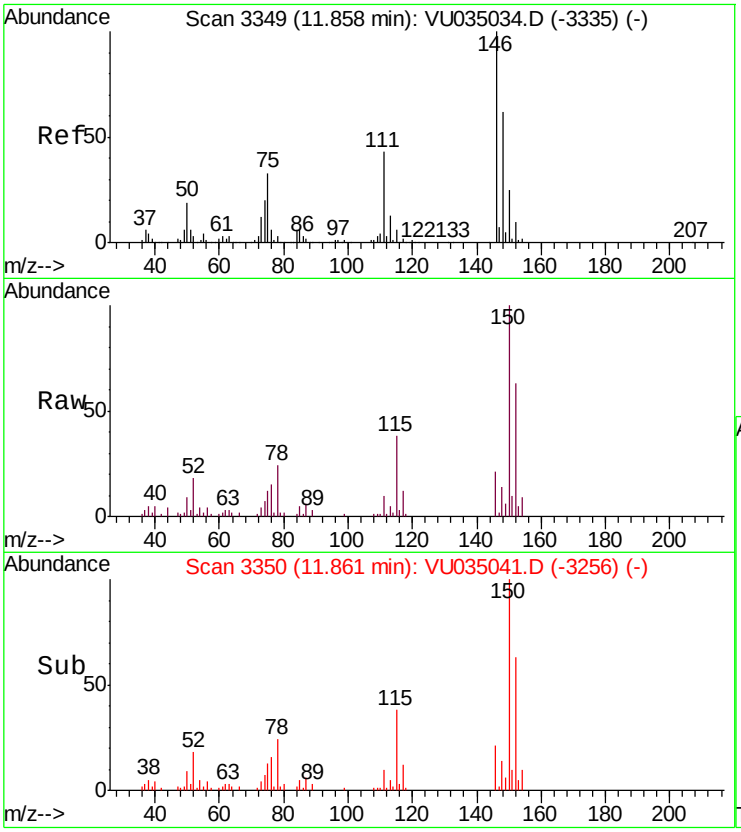


#63
1,4-Dichlorobenzene
Concen: 0.345 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:146 Resp: 7284

Ion	Ratio	Lower	Upper
146	100		
111	43.3	27.9	51.7
148	71.5	44.1	81.9



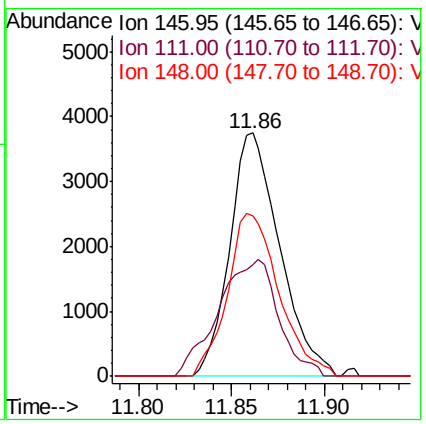


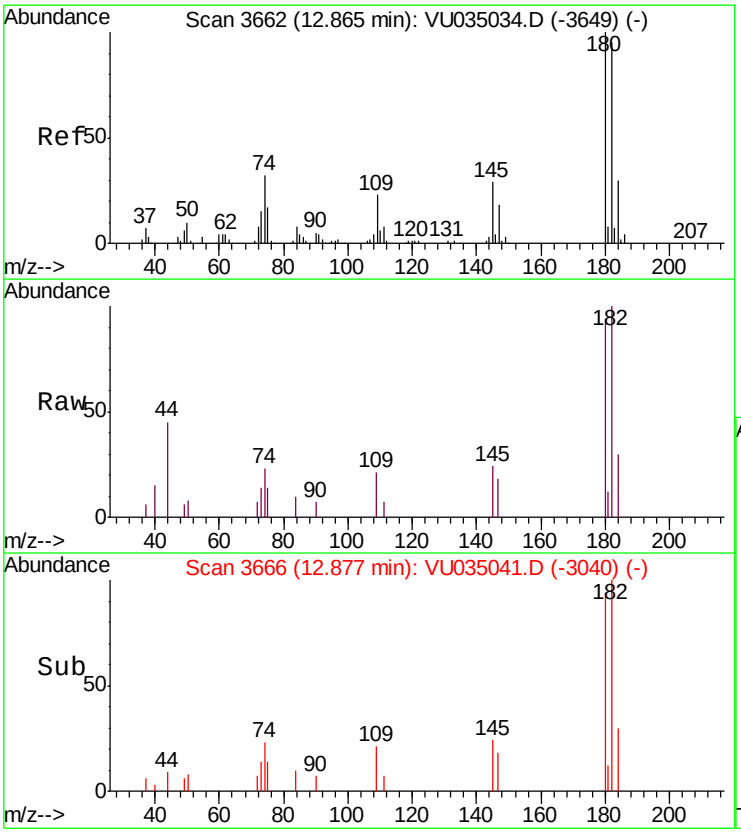
#65
1,2-Dichlorobenzene
Concen: 0.348 ug/L
RT: 11.86 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:146 Resp: 7017

Ion	Ratio	Lower	Upper
146	100		
111	46.0	34.2	51.4
148	66.1	52.0	78.0

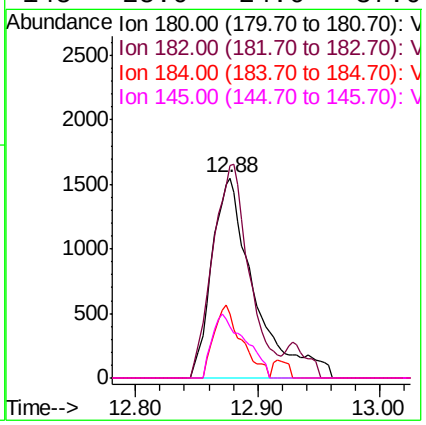


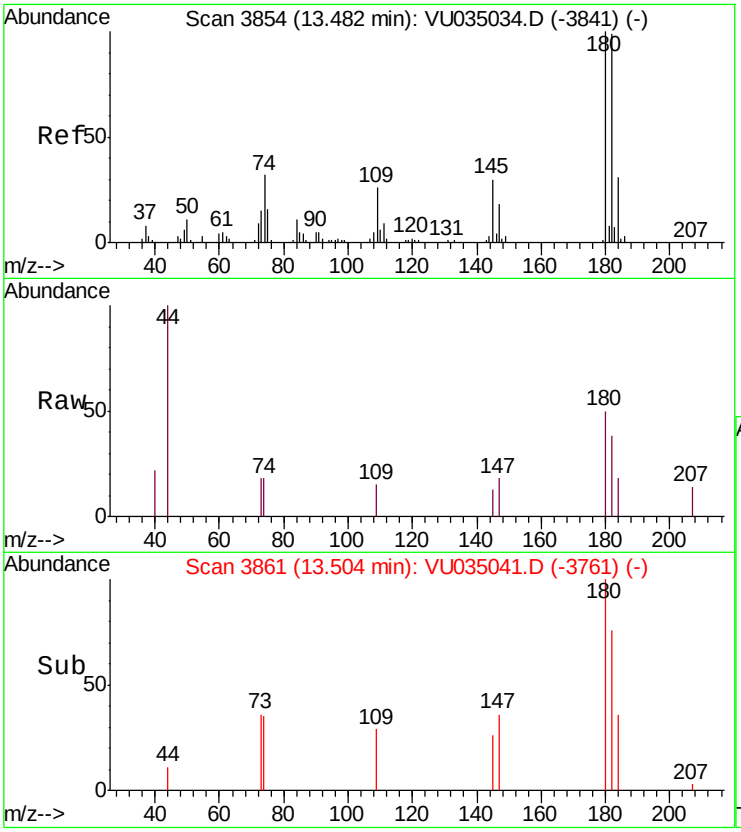


#67
1,3,5-Trichlorobenzene
Concen: 0.265 ug/L
RT: 12.88 min Scan# 3666
Delta R.T. 0.01 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:180 Resp: 3754

Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.0	114.0
184	24.1	24.2	36.2#
145	25.0	24.6	37.0



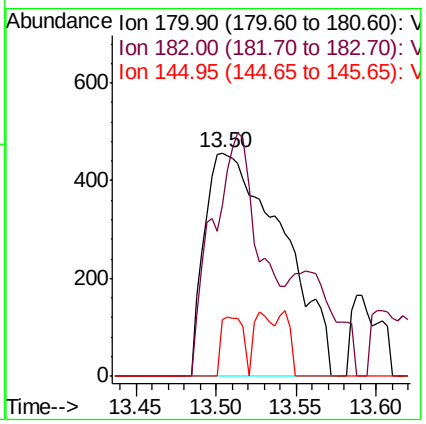


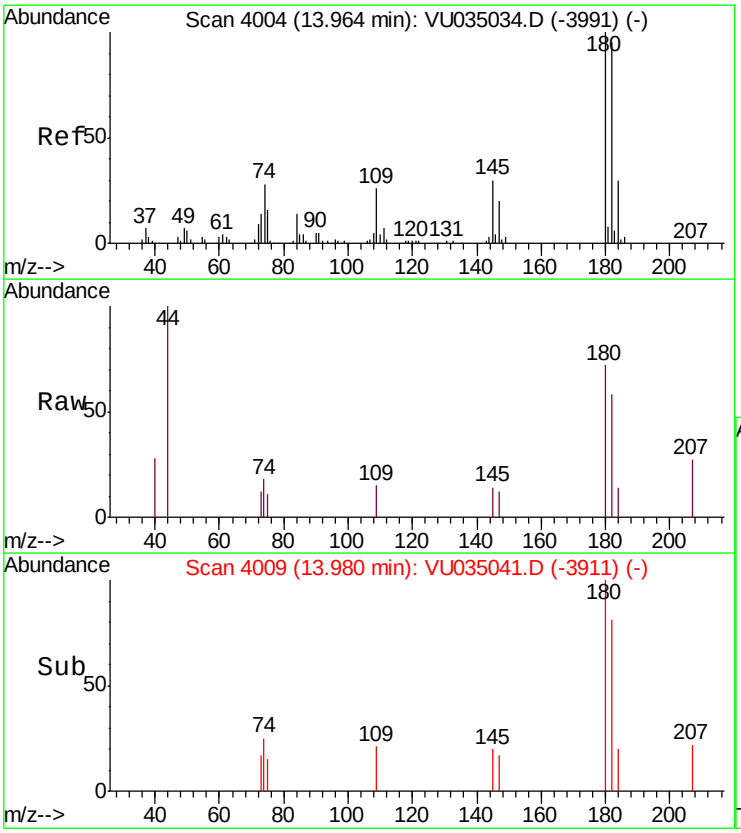
#68
1,2,4-trichlorobenzene
Concen: 0.144 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.02 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:180 Resp: 1527

Ion	Ratio	Lower	Upper
180	100		
182	66.5	77.3	115.9#
145	7.3	24.5	36.7#





#70
1,2,3-Trichlorobenzene
Concen: 0.142 ug/L
RT: 13.98 min Scan# 4009
Delta R.T. 0.02 min
Lab File: VU035041.D
Acq: 10 Oct 2019 12:19

Tgt Ion:180 Resp: 1462

Ion	Ratio	Lower	Upper
180	100		
182	104.2	77.0	115.4
145	18.4	25.9	38.9#