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

Quantitation Report (Not Reviewed)

Data File : VU033502.D
Acq On : 30 Jul 2019 19:12
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Jul 31 08:08:57 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	321706	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	313794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	154768	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	111576	47.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.40%			
7) Chloroethane-d5	1.67	69	96764	48.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.44%			
11) 1,1-Dichloroethene-d2	2.26	63	153784	36.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.46%			
21) 2-Butanone-d5	4.15	46	157607	101.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.73%			
24) Chloroform-d	4.62	84	188732	48.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.28%			
26) 1,2-Dichloroethane-d4	5.29	65	122934	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.02%			
32) Benzene-d6	5.32	84	389426	50.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.12%			
36) 1,2-Dichloropropane-d6	6.31	67	124234	50.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.90%			
41) Toluene-d8	7.55	98	357844	49.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.18%			
43) trans-1,3-Dichloropropene-	7.83	79	57686	47.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.38%			
47) 2-Hexanone-d5	8.30	63	119146	102.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.91%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	181248	48.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	143115	50.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	7336	2.418	ug/L	98
3) Chloromethane	1.32	50	7758	2.539	ug/L	99
5) Vinyl chloride	1.40	62	8393	2.562	ug/L #	68
6) Bromomethane	1.62	94	6000	2.076	ug/L	99
8) Chloroethane	1.69	64	5750	2.889	ug/L	90
9) Trichlorofluoromethane	1.87	101	10786	2.517	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	6616	3.045	ug/L	85
12) 1,1-Dichloroethene	2.27	96	6648	3.191	ug/L #	1
13) Acetone	2.31	43	8183	5.163	ug/L	93
14) Carbon disulfide	2.46	76	17534	2.683	ug/L	99
15) Methyl Acetate	2.60	43	6126	2.428	ug/L	92
16) Methylene chloride	2.68	84	6343	2.666	ug/L	99
17) trans-1,2-Dichloroethene	2.97	96	5508	2.524	ug/L	96
18) Methyl tert-butyl Ether	2.98	73	15394	2.313	ug/L	98
19) 1,1-Dichloroethane	3.42	63	10256	2.503	ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	3515	1.435	ug/L	99
22) 2-Butanone	4.25	43	6976	3.687	ug/L	73

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

Quantitation Report (Not Reviewed)

Data File : VU033502.D
Acq On : 30 Jul 2019 19:12
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Jul 31 08:08:57 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	4.53	128	2958	2.314 ug/L	92
25) Chloroform	4.65	83	15196	3.525 ug/L	98
27) 1,2-Dichloroethane	5.38	62	8101	2.440 ug/L	99
29) Cyclohexane	4.97	56	7830	2.288 ug/L	97
30) 1,1,1-Trichloroethane	4.89	97	8958	2.481 ug/L	99
31) Carbon tetrachloride	5.11	117	7384	2.348 ug/L	95
33) Benzene	5.37	78	24132	2.666 ug/L	100
34) Trichloroethene	6.17	95	6101	2.555 ug/L	94
35) Methylcyclohexane	6.40	83	8615	2.312 ug/L	98
37) 1,2-Dichloropropane	6.42	63	5983	2.469 ug/L #	90
38) Bromodichloromethane	6.74	83	7706	2.460 ug/L	96
39) cis-1,3-Dichloropropene	7.25	75	9077	2.400 ug/L	94
40) 4-Methyl-2-pentanone	7.45	43	15229	4.552 ug/L	99
42) Toluene	7.62	91	25537	2.624 ug/L	95
44) trans-1,3-Dichloropropene	7.86	75	8691	2.543 ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	5732	2.492 ug/L	95
46) Tetrachloroethene	8.21	164	4725	2.424 ug/L	94
48) 2-Hexanone	8.35	43	14558	5.383 ug/L	97
49) Dibromochloromethane	8.46	129	6250	2.388 ug/L	90
50) 1,2-Dibromoethane	8.57	107	6558	2.574 ug/L #	87
51) Chlorobenzene	9.10	112	16297	2.557 ug/L	96
52) Ethylbenzene	9.23	91	24951	2.380 ug/L	97
53) m,p-Xylene	9.36	106	8410	2.090 ug/L	86
54) o-xylene	9.76	106	8407	2.154 ug/L	94
55) Styrene	9.78	104	13959	2.106 ug/L	90
56) Isopropylbenzene	10.15	105	21226	2.081 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	11212	2.702 ug/L	94
59) 1,2,3-Trichloropropane	10.48	75	7908	2.473 ug/L	99
61) Bromoform	9.94	173	4860	2.600 ug/L #	98
62) 1,3-Dichlorobenzene	11.40	146	12525	2.635 ug/L	94
63) 1,4-Dichlorobenzene	11.49	146	13426	2.719 ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	12887	2.681 ug/L	91
66) 1,2-Dibromo-3-chloropropan	12.65	75	2121	2.389 ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	9802	2.556 ug/L	94
68) 1,2,4-trichlorobenzene	13.50	180	6229	1.901 ug/L	98
69) Naphthalene	13.74	128	14408	1.533 ug/L	95
70) 1,2,3-Trichlorobenzene	13.98	180	7652	2.221 ug/L	94

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

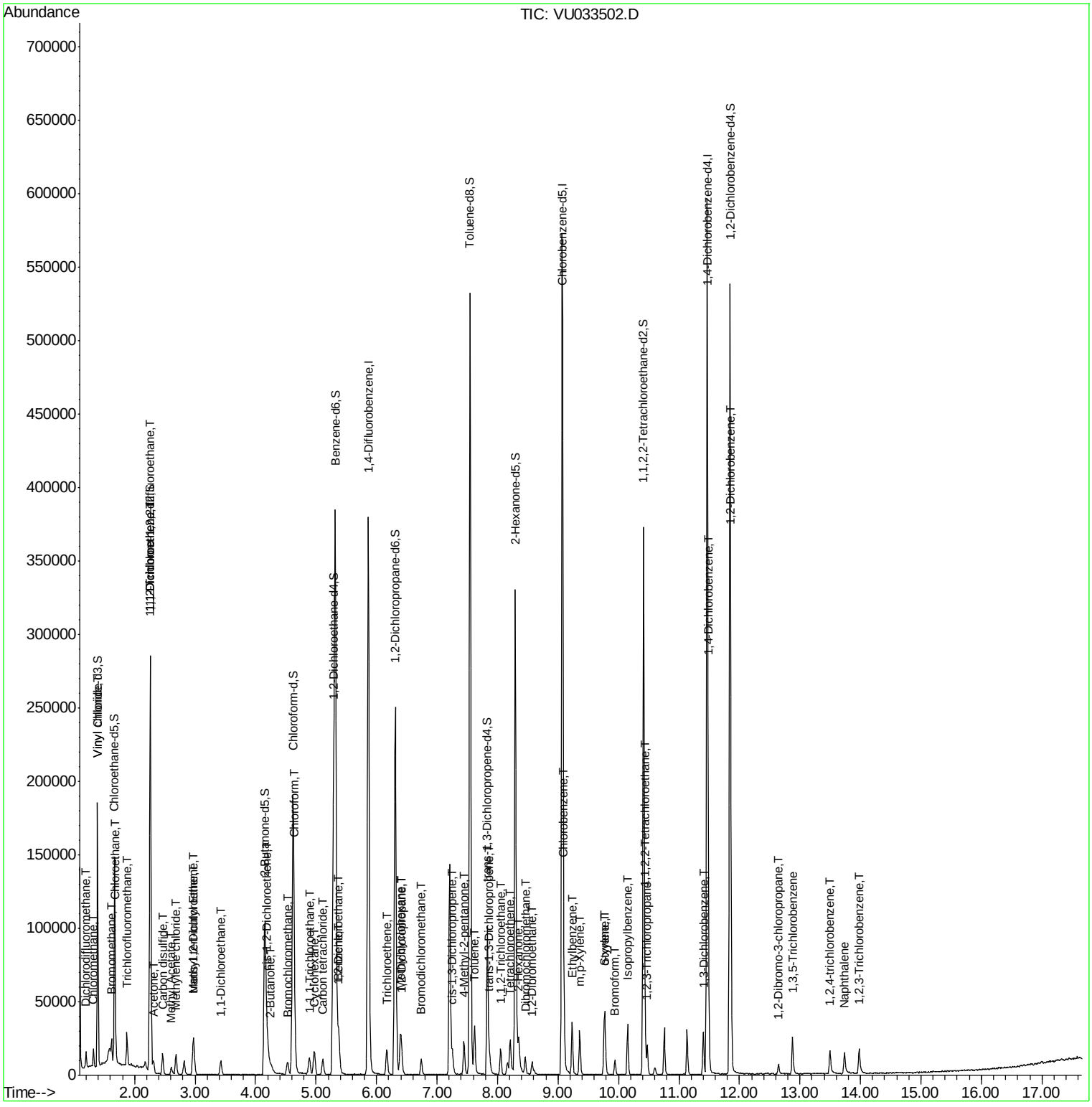
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073119\

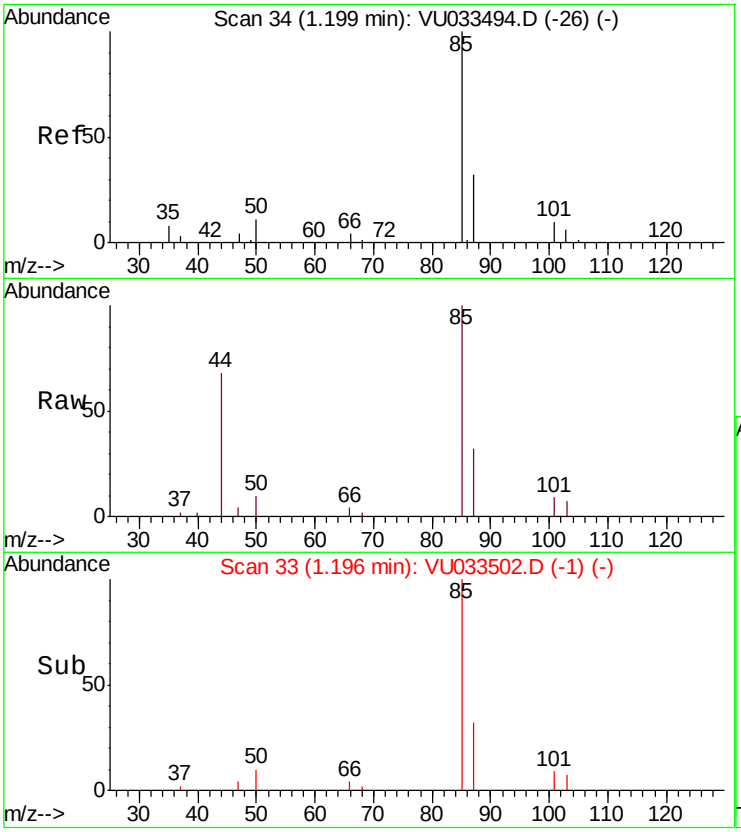
Quantitation Report (Not Reviewed)

Data File : VU033502.D
Acq On : 30 Jul 2019 19:12
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Quant Time: Jul 31 08:08:57 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



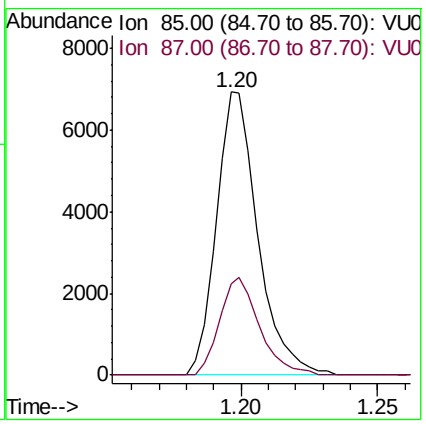


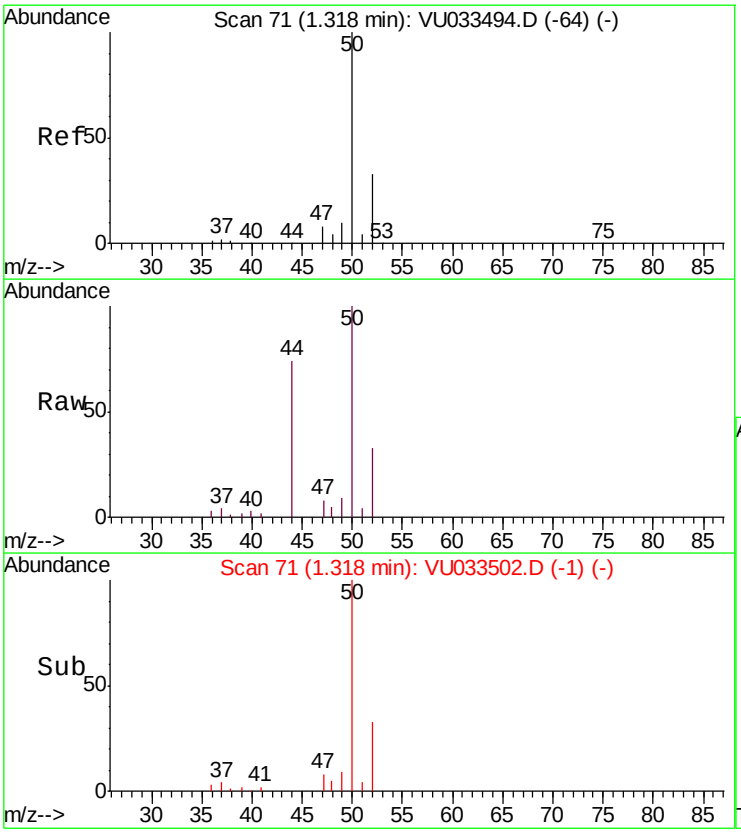
#2
Dichlorodifluoromethane
Concen: 2.418 ug/L
RT: 1.20 min Scan# 33
Delta R.T. -0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 85 Resp: 7336

Ion	Ratio	Lower	Upper
85	100		
87	33.1	25.4	38.2

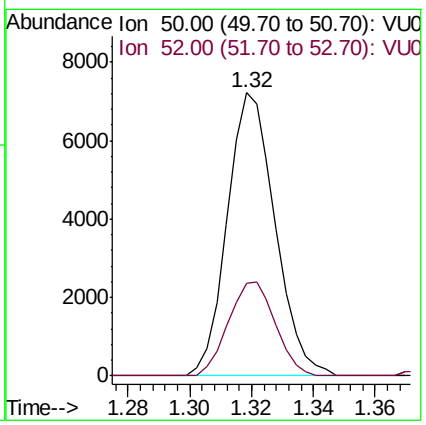


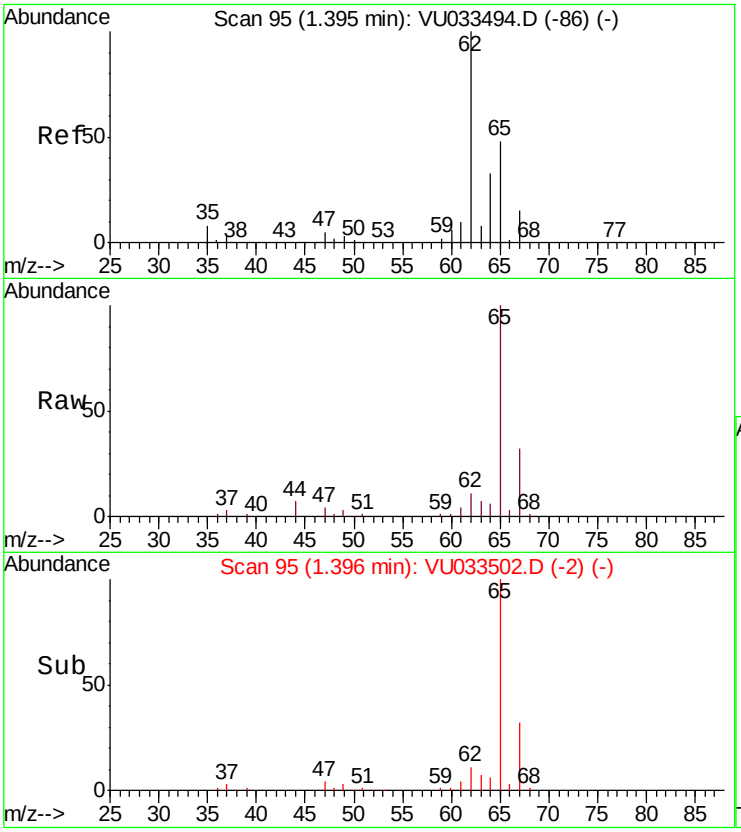


#3
Chloromethane
Concen: 2.539 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 50 Resp: 7758

Ion	Ratio	Lower	Upper
50	100		
52	32.7	23.1	42.9



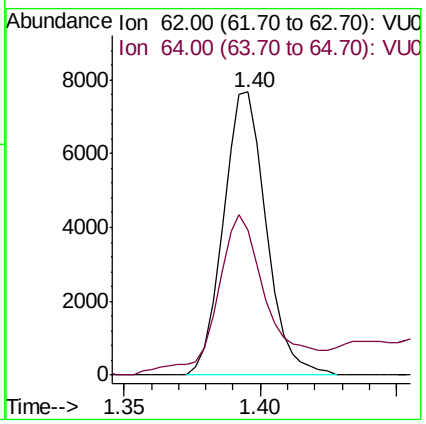


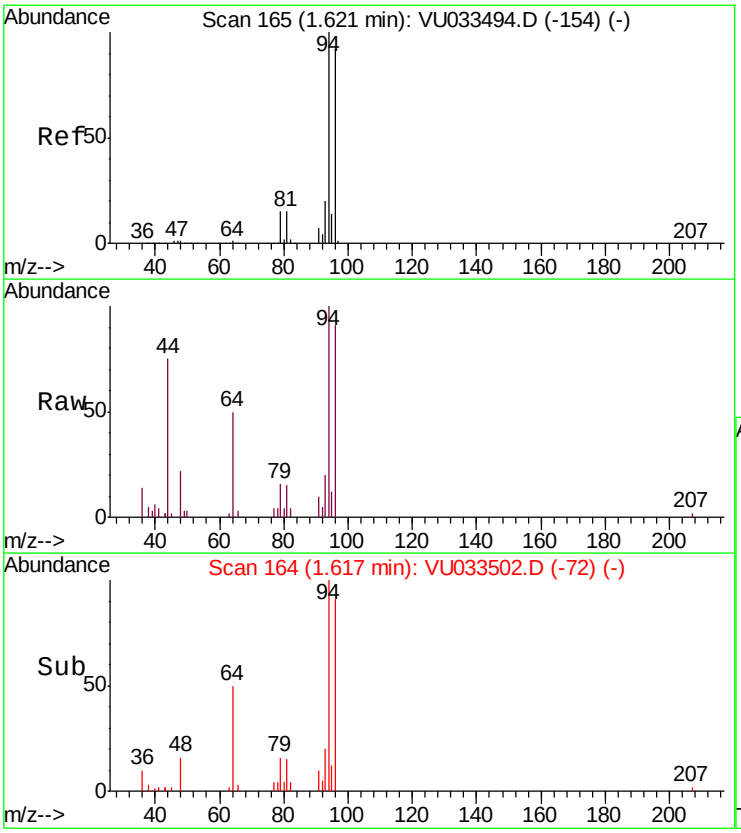
#5
Vinyl chloride
Concen: 2.562 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 8393

Ion	Ratio	Lower	Upper
62	100		
64	51.5	23.4	43.4#

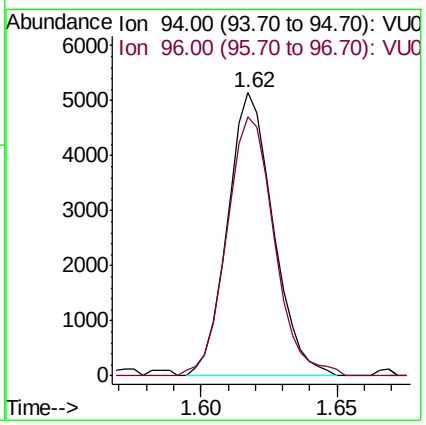


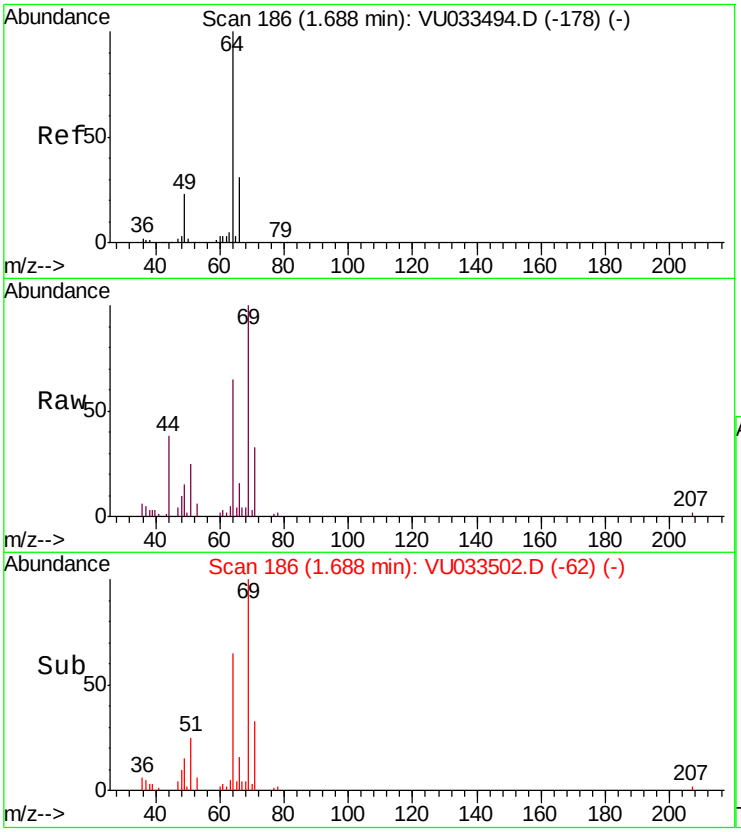


#6
Bromomethane
Concen: 2.076 ug/L
RT: 1.62 min Scan# 164
Delta R.T. -0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 94 Resp: 6000

Ion	Ratio	Lower	Upper
94	100		
96	91.4	64.4	119.6



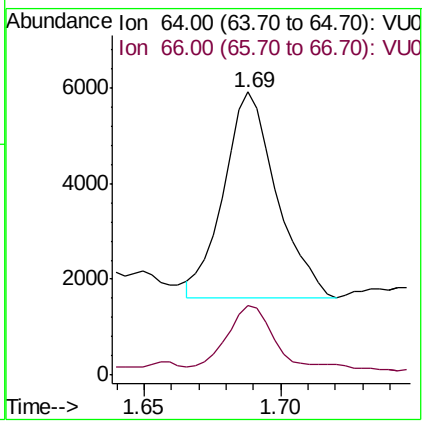


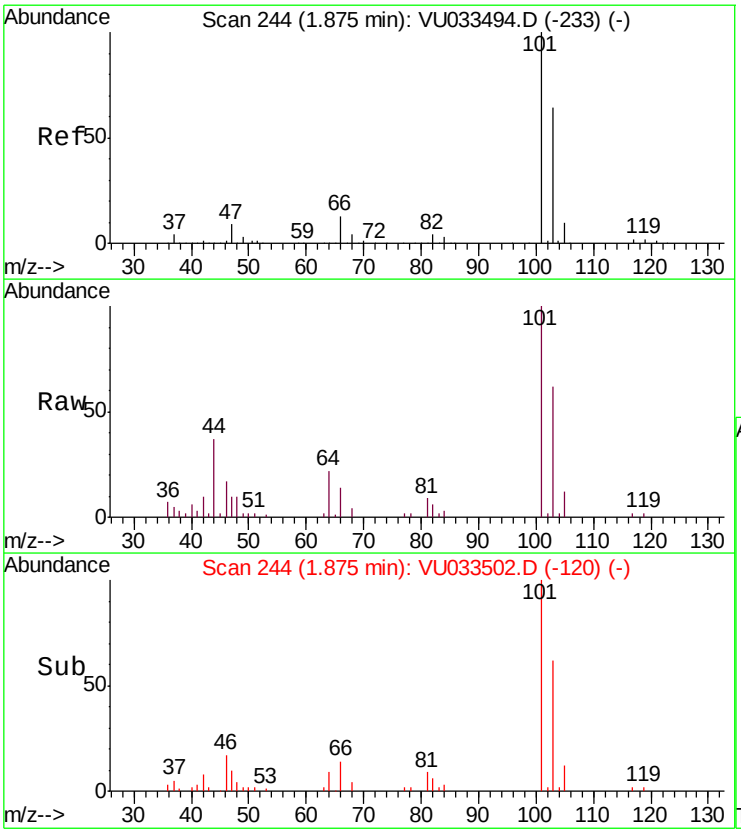
#8
Chloroethane
Concen: 2.889 ug/L
RT: 1.69 min Scan# 186
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 64 Resp: 5750

Ion	Ratio	Lower	Upper
64	100		
66	24.6	21.1	39.3

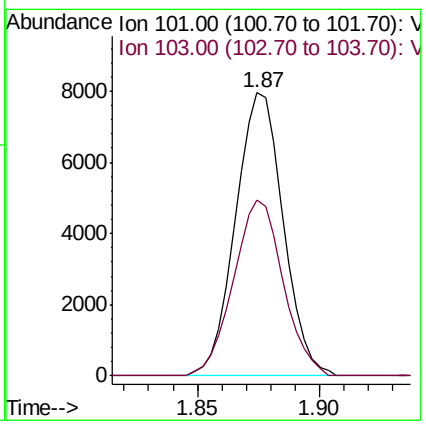


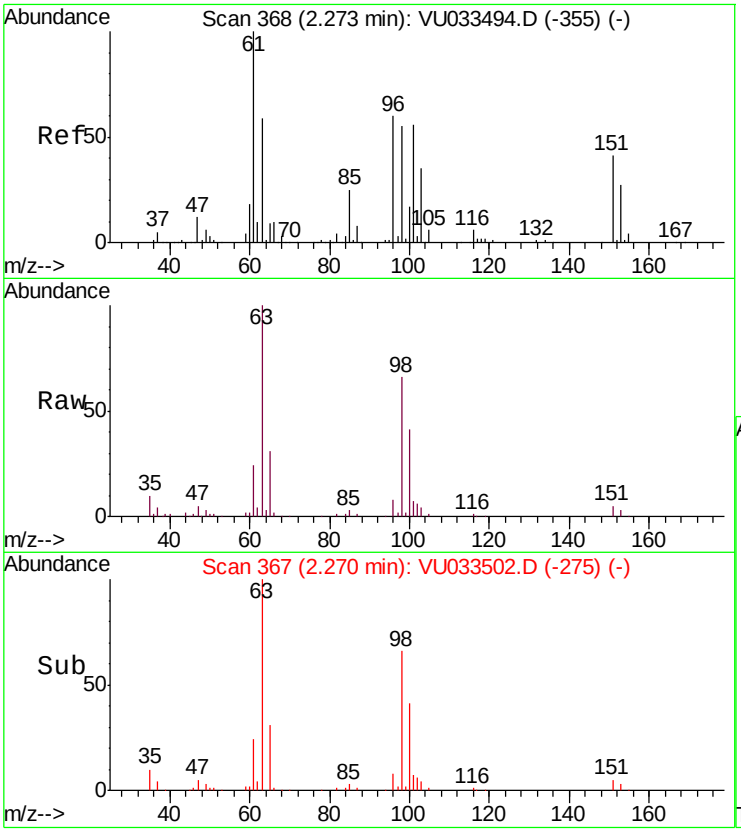


#9
Trichlorofluoromethane
Concen: 2.517 ug/L
RT: 1.87 min Scan# 244
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:101 Resp: 10786

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.6	77.4



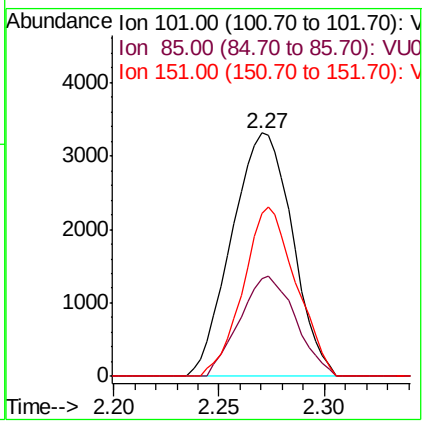


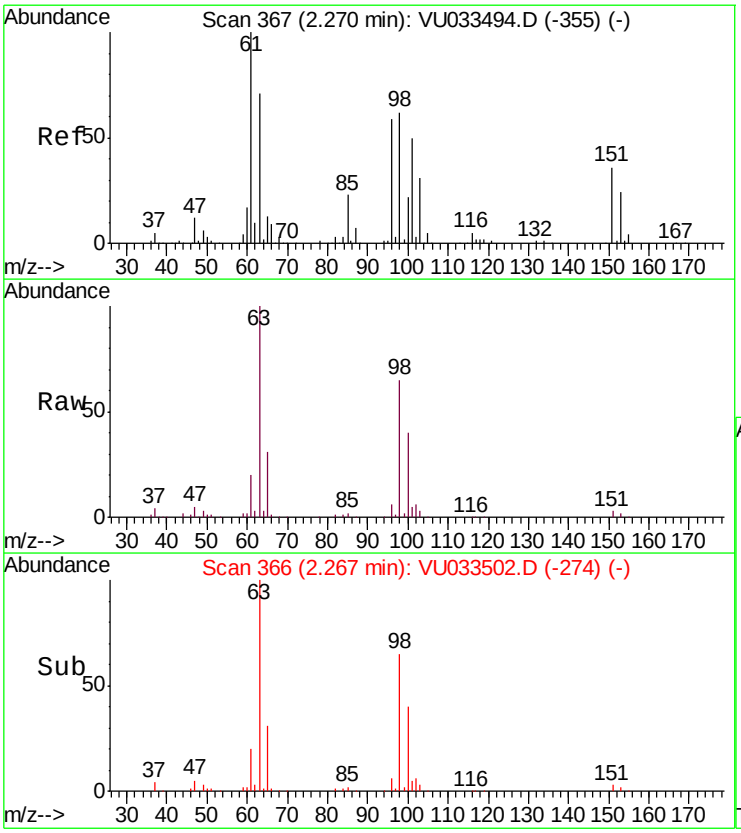
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.045 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 6616

Ion	Ratio	Lower	Upper
101	100		
85	38.0	35.8	53.8
151	60.7	60.1	90.1

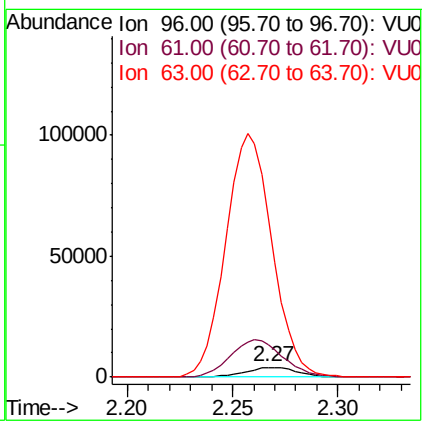


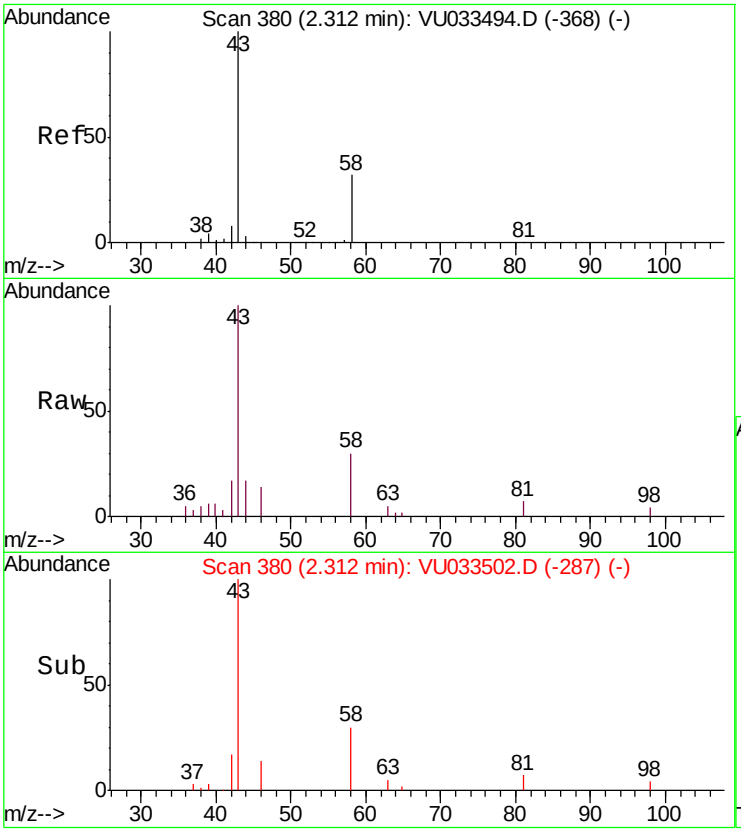


#12
1,1-Dichloroethene
Concen: 3.191 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 96 Resp: 6648

Ion	Ratio	Lower	Upper
96	100		
61	342.4	119.3	221.5#
63	1700.3	86.6	160.8#



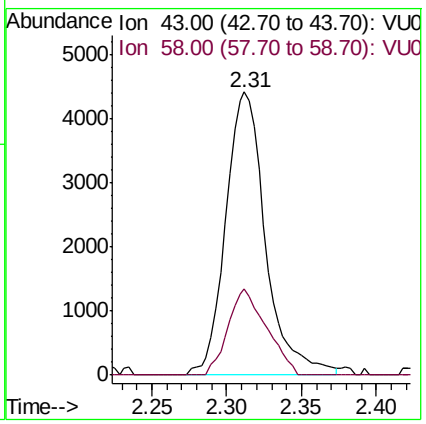


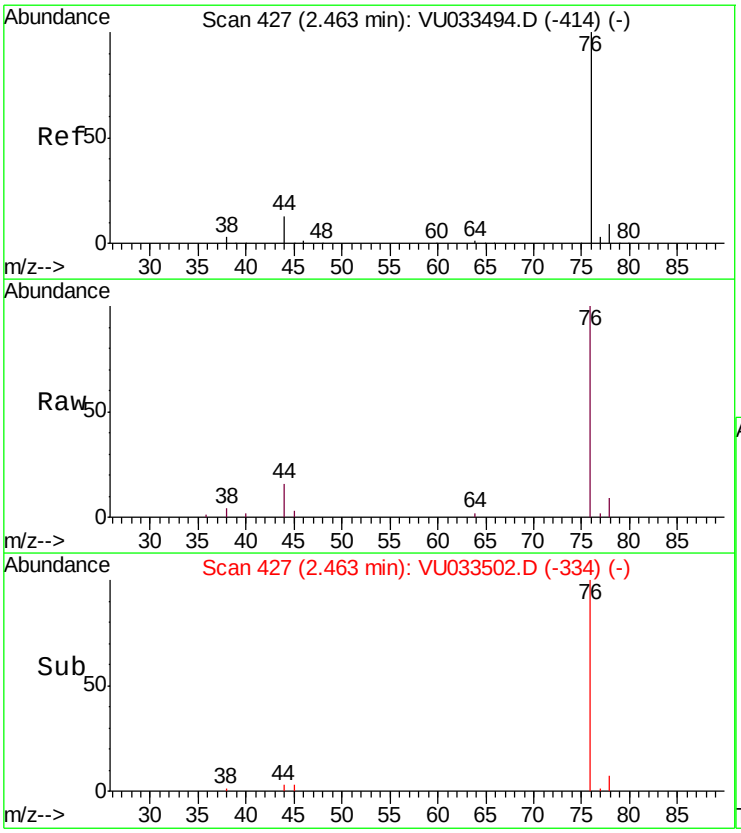
#13
Acetone
Concen: 5.163 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 8183

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	66.2

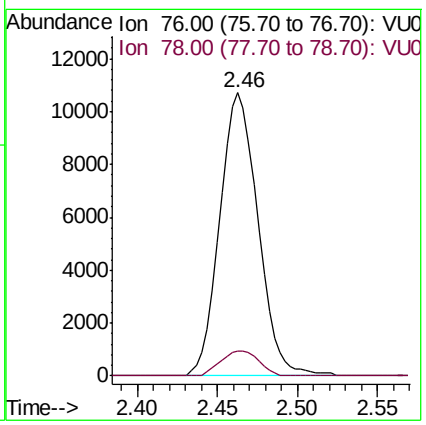


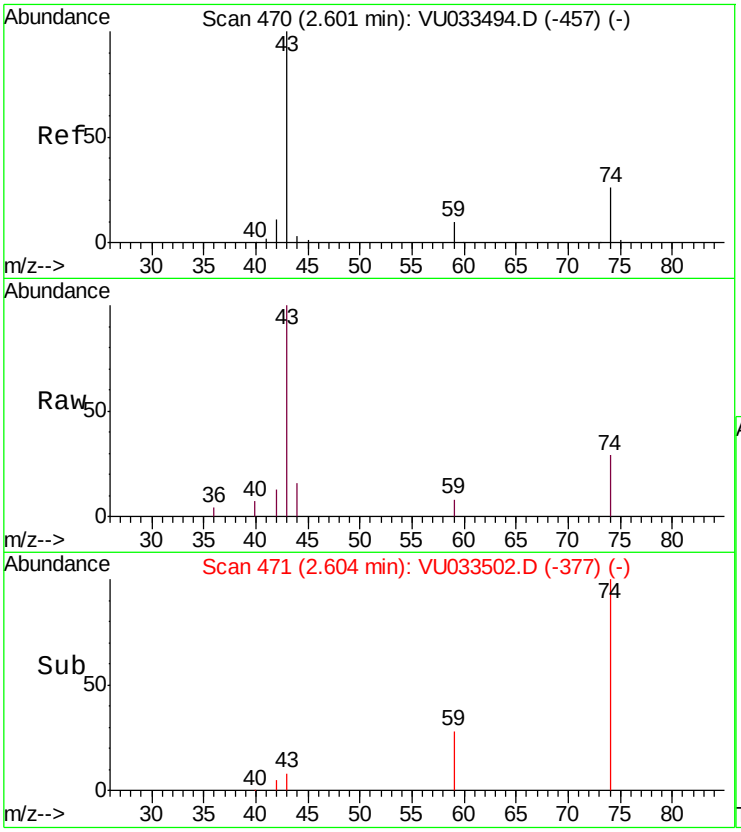


#14
Carbon disulfide
Concen: 2.683 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 76 Resp: 17534

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0



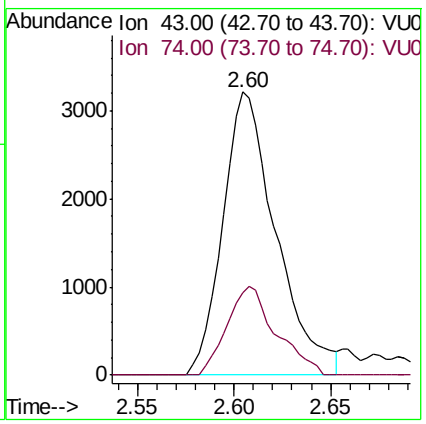


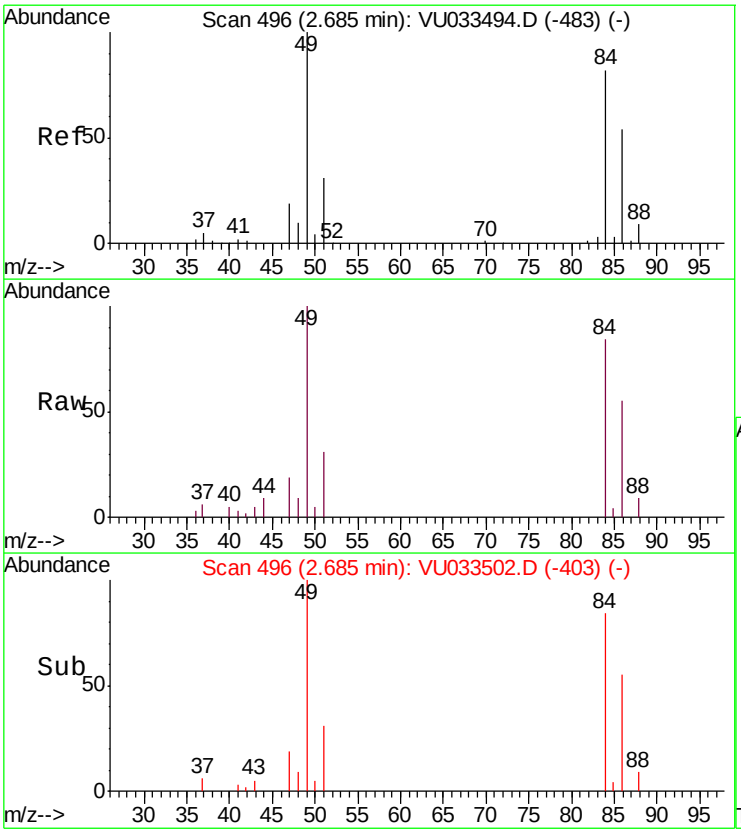
#15
Methyl Acetate
Concen: 2.428 ug/L
RT: 2.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 6126

Ion	Ratio	Lower	Upper
43	100		
74	28.9	20.1	30.1

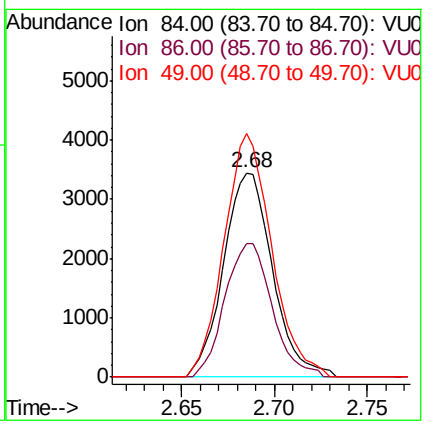


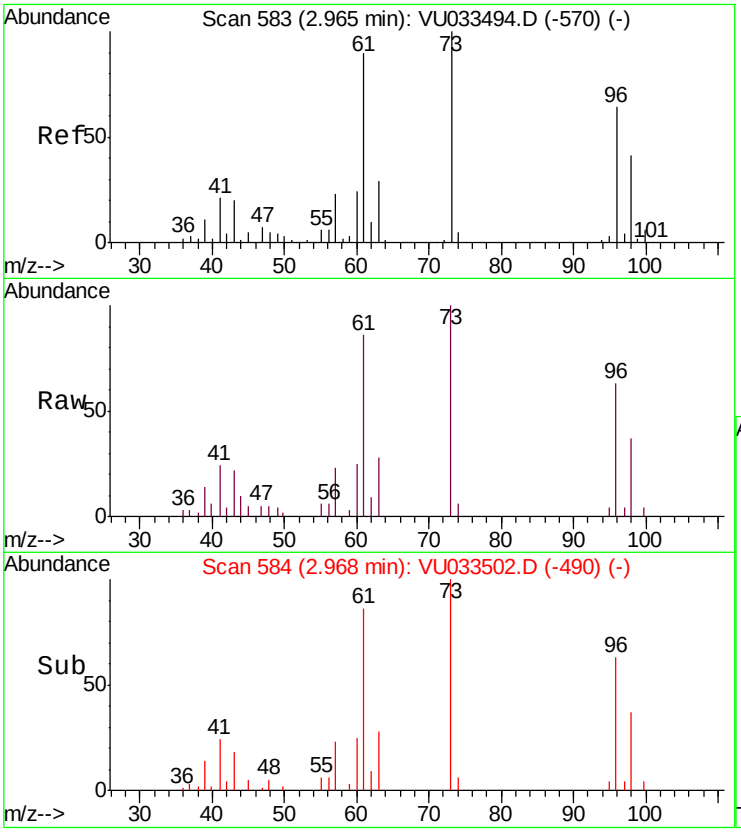


#16
Methylene chloride
Concen: 2.666 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 84 Resp: 6343

Ion	Ratio	Lower	Upper
84	100		
86	65.4	45.7	84.9
49	119.4	85.0	158.0



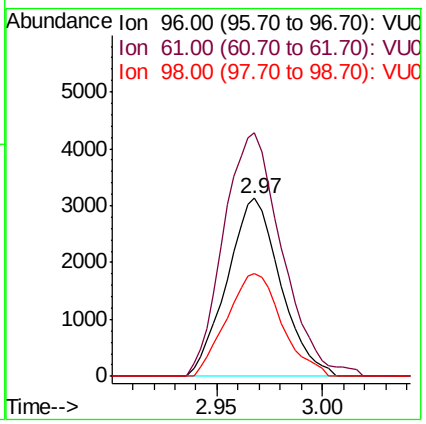


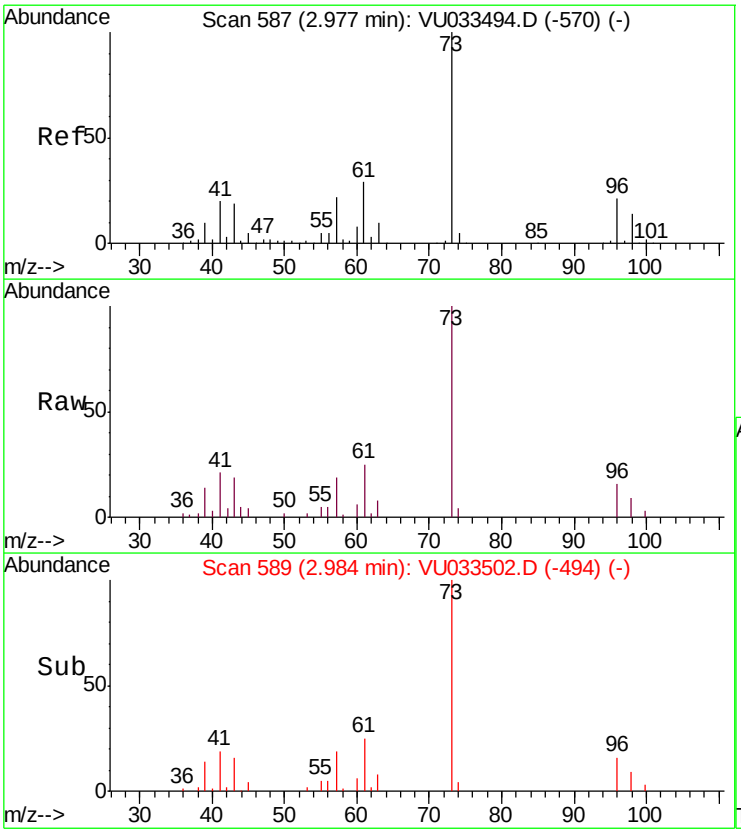
#17
trans-1,2-Dichloroethene
Concen: 2.524 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 5508

Ion	Ratio	Lower	Upper
96	100		
61	136.7	98.3	182.5
98	58.0	44.3	82.3

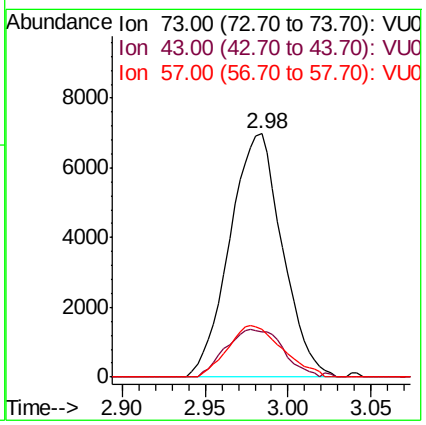


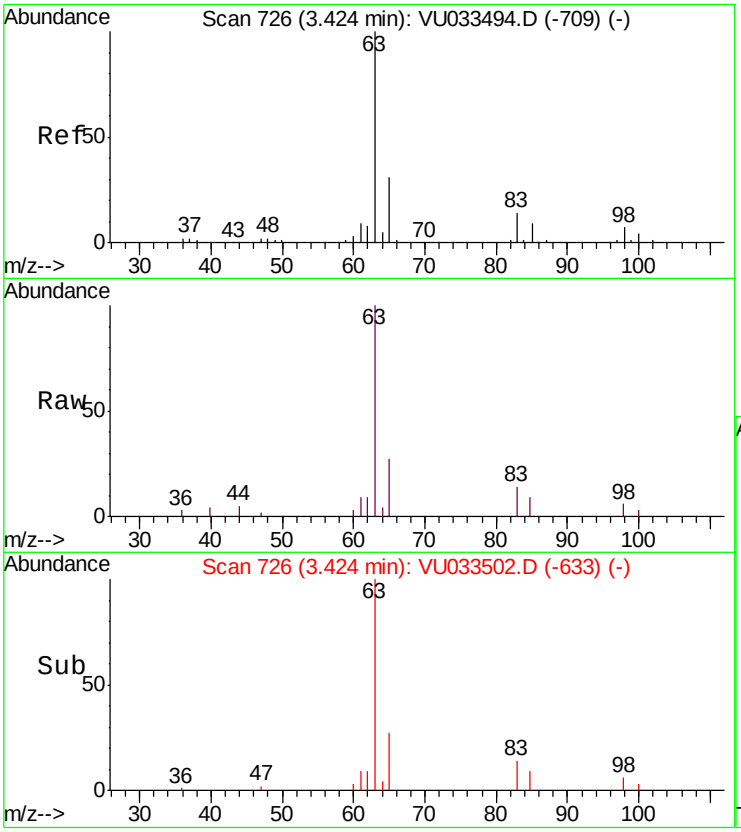


#18
Methyl tert-butyl Ether
Concen: 2.313 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 73 Resp: 15394

Ion	Ratio	Lower	Upper
73	100		
43	21.4	15.4	23.2
57	21.9	17.4	26.2



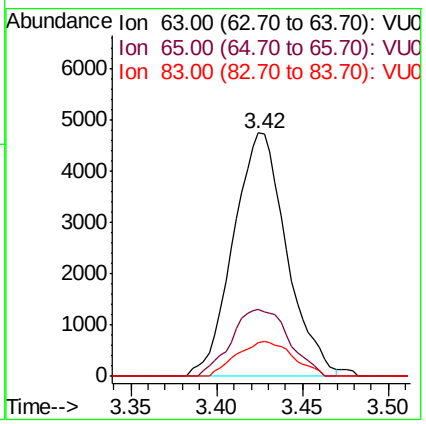


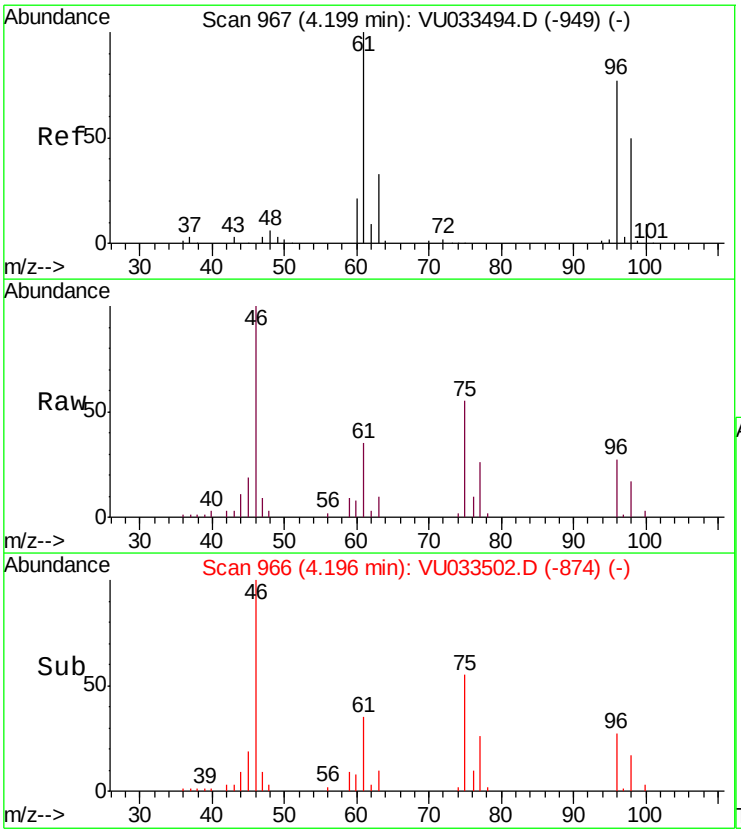
#19
1,1-Dichloroethane
Concen: 2.503 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 63 Resp: 10256

Ion	Ratio	Lower	Upper
63	100		
65	27.5	22.0	40.8
83	14.0	9.5	17.7

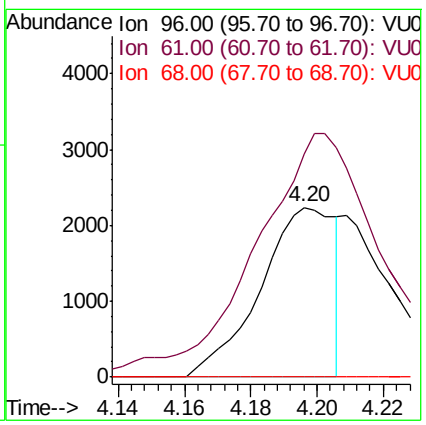


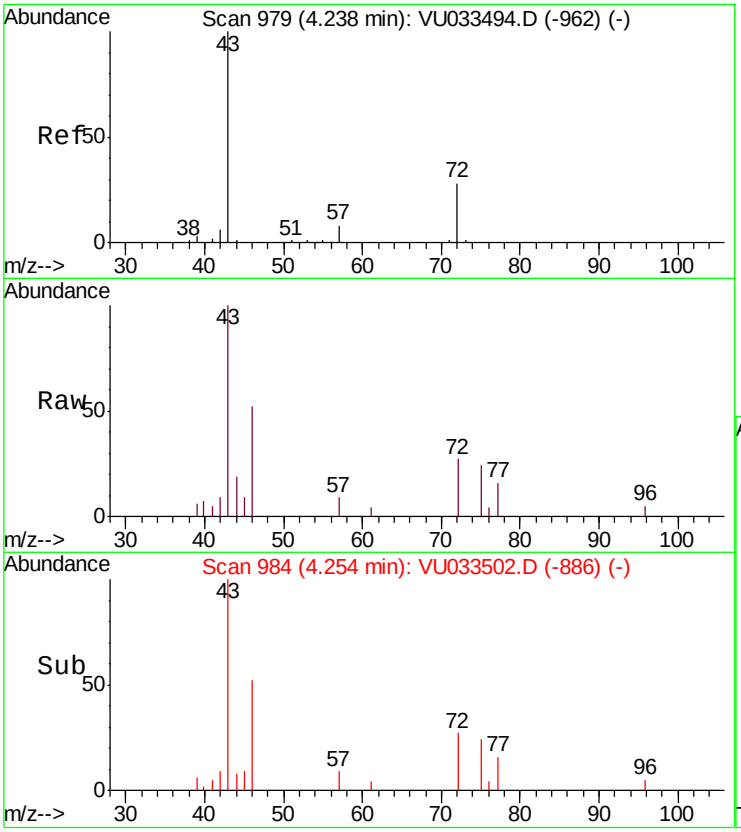


#20
cis-1,2-Dichloroethene
Concen: 1.435 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 96 Resp: 3515

Ion	Ratio	Lower	Upper
96	100		
61	132.1	91.3	169.6
68	0.0	0.0	0.0



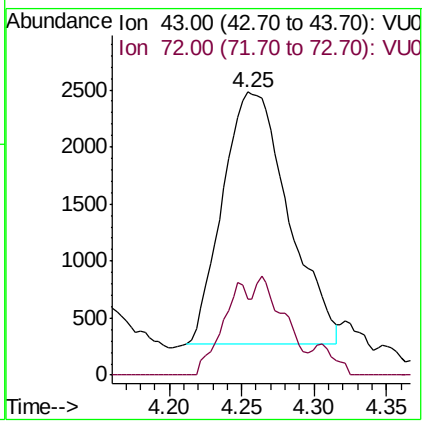


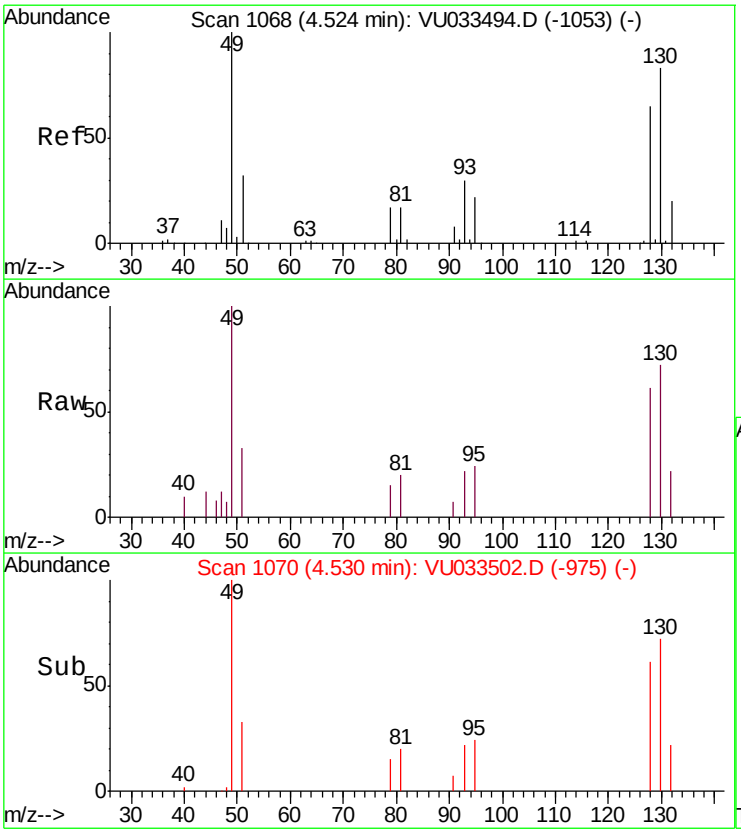
#22
2-Butanone
Concen: 3.687 ug/L
RT: 4.25 min Scan# 984
Delta R.T. 0.02 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 6976

Ion	Ratio	Lower	Upper
43	100		
72	14.3	14.2	42.6

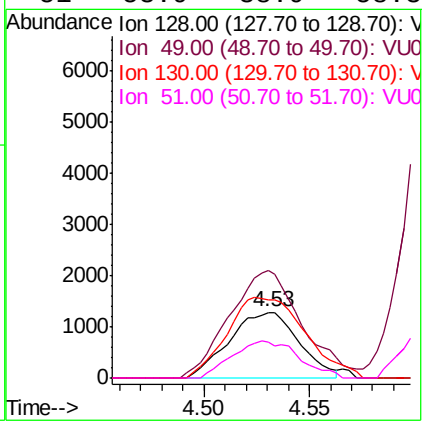


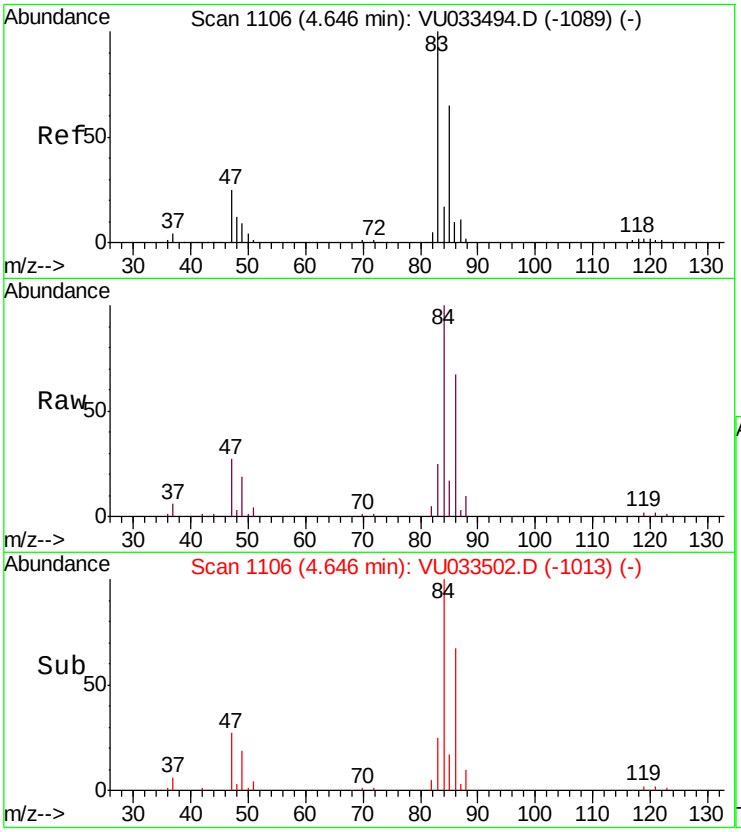


#23
Bromochloromethane
Concen: 2.314 ug/L
RT: 4.53 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:128 Resp: 2958

Ion	Ratio	Lower	Upper
128	100		
49	164.3	108.4	201.2
130	118.8	89.7	166.5
51	53.9	38.9	58.3



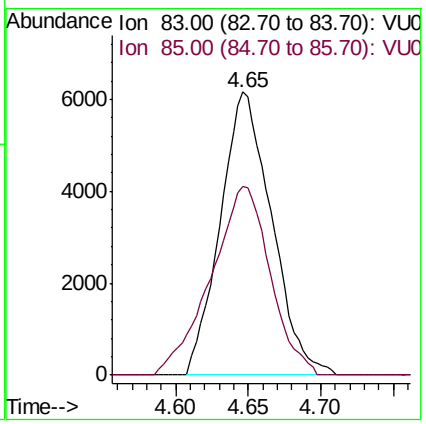


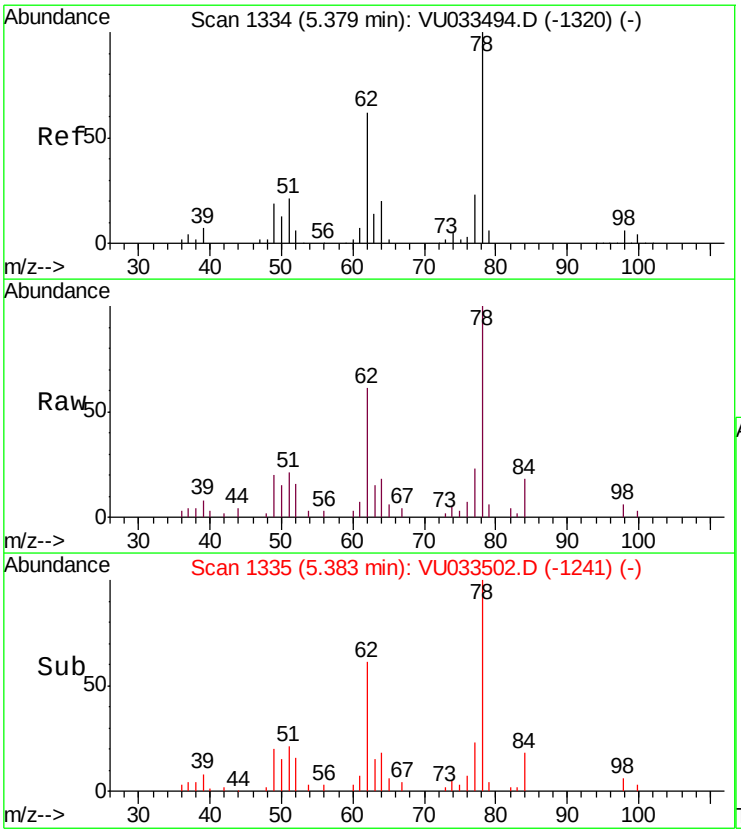
#25
Chloroform
Concen: 3.525 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 15196

Ion	Ratio	Lower	Upper
83	100		
85	66.7	45.6	84.8

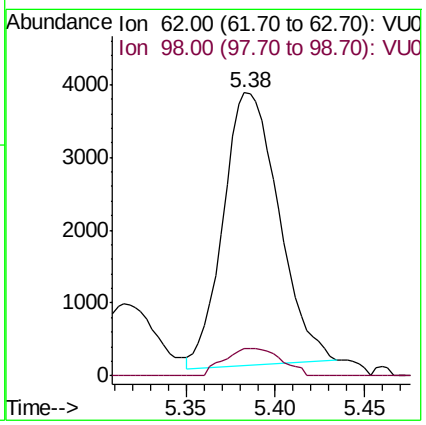


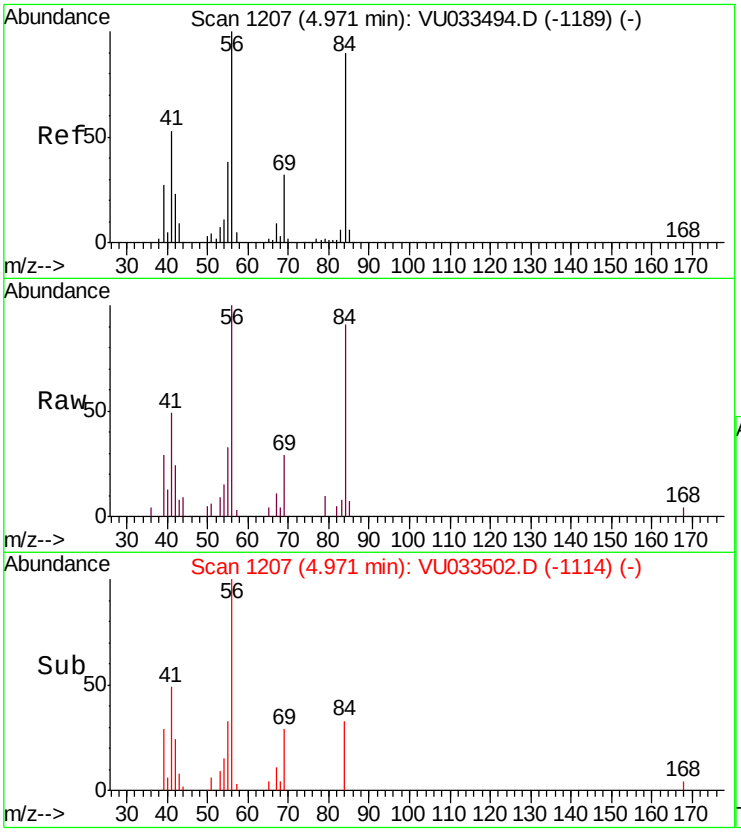


#27
1,2-Dichloroethane
Concen: 2.440 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 62 Resp: 8101

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.2	10.8



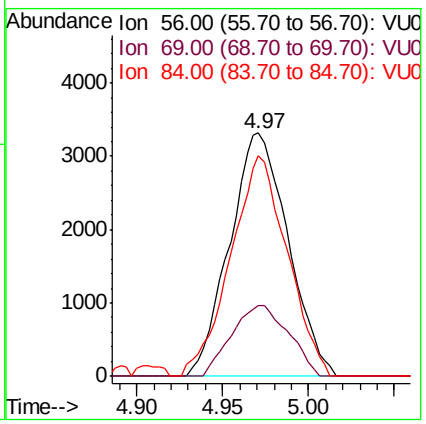


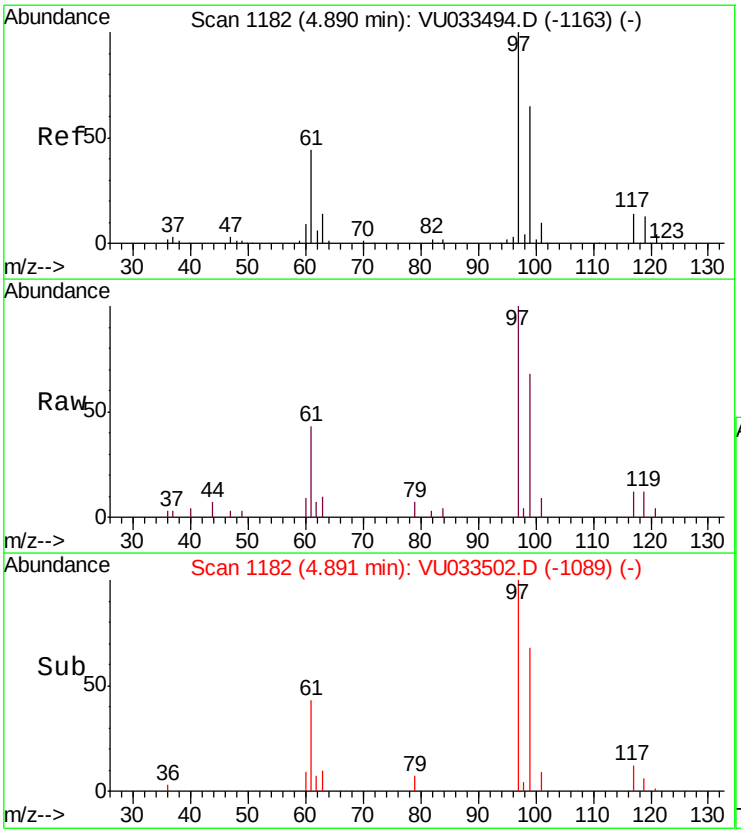
#29
Cyclohexane
Concen: 2.288 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 56 Resp: 7830

Ion	Ratio	Lower	Upper
56	100		
69	28.3	25.0	37.6
84	87.7	71.6	107.4

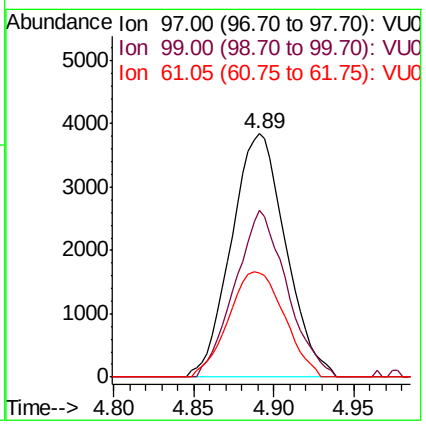


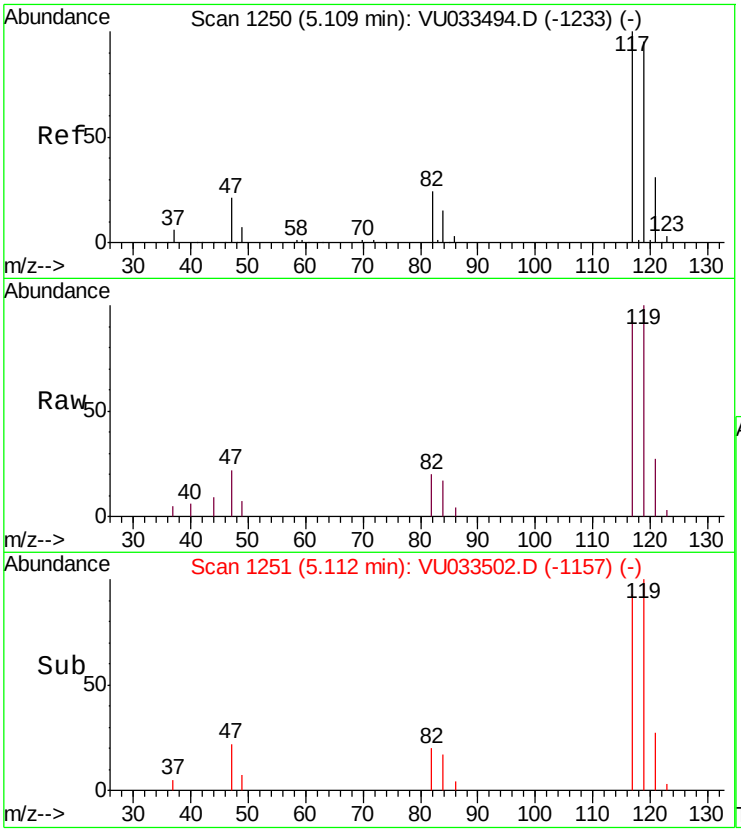


#30
1,1,1-Trichloroethane
Concen: 2.481 ug/L
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 97 Resp: 8958

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.1	76.7
61	44.4	35.5	53.3



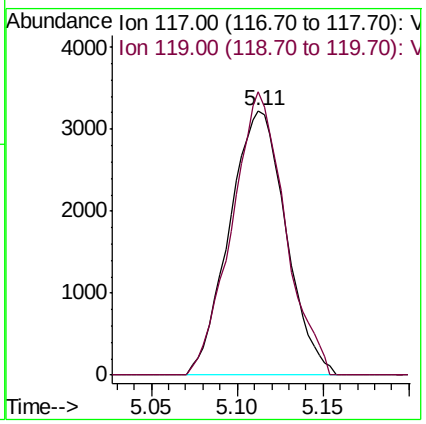


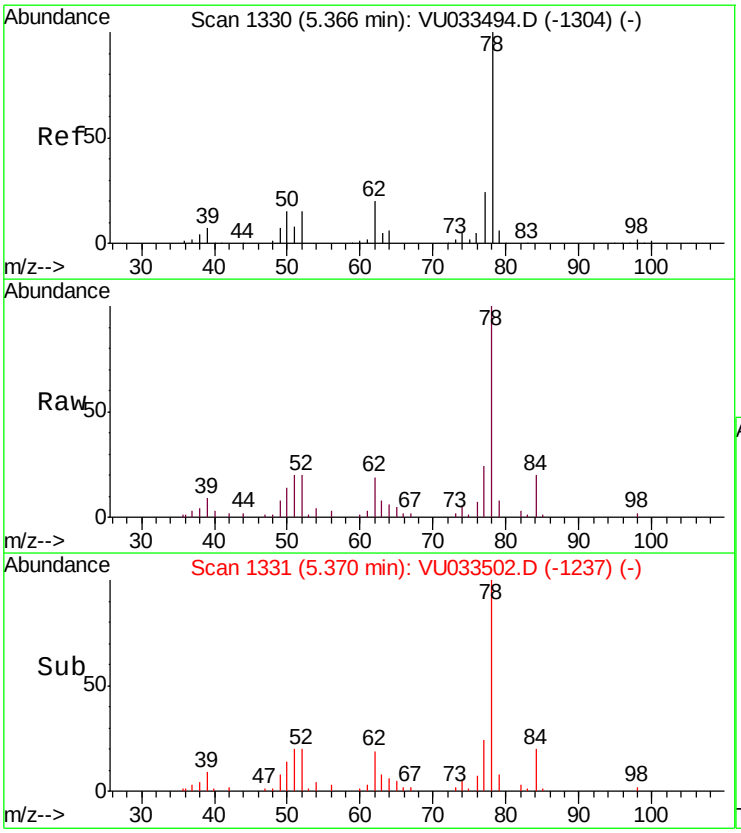
#31
Carbon tetrachloride
Concen: 2.348 ug/L
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:117 Resp: 7384

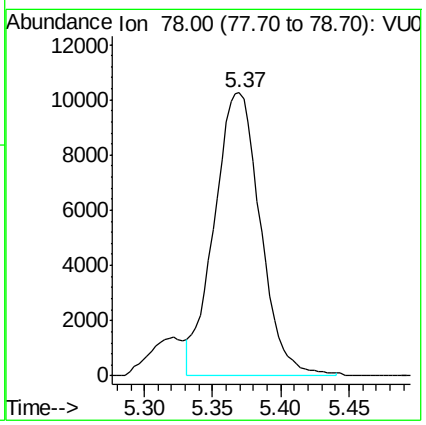
Ion	Ratio	Lower	Upper
117	100		
119	100.7	77.0	115.4

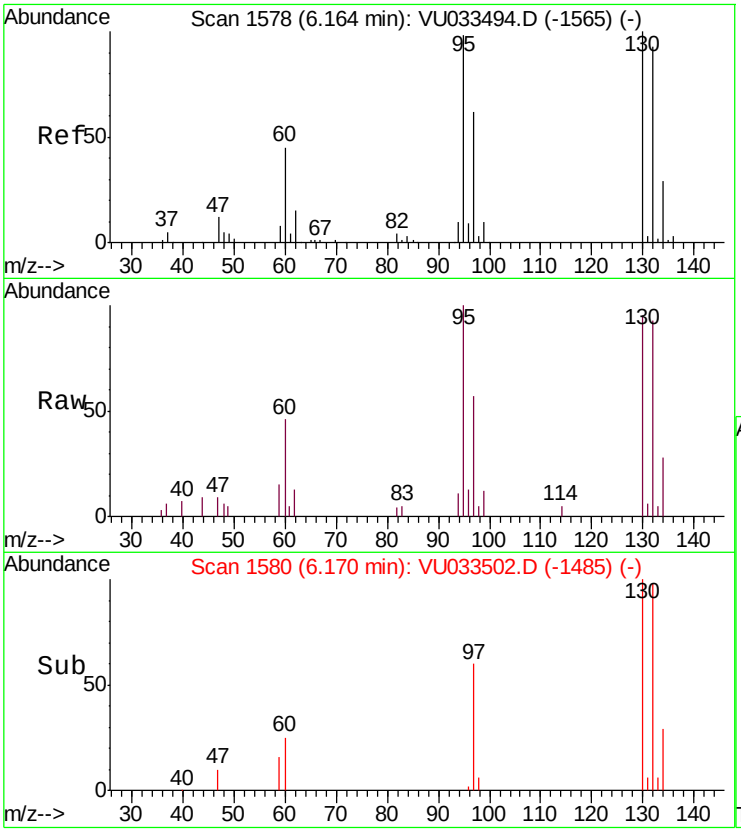




#33
Benzene
Concen: 2.666 ug/L
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 78 Resp: 24132



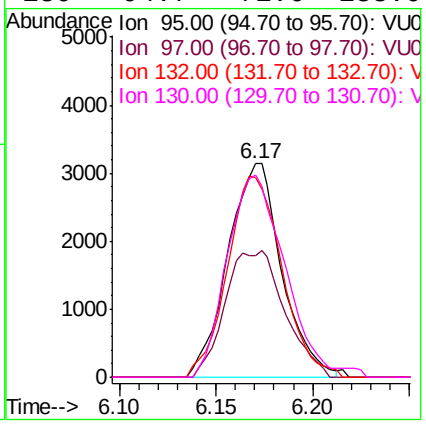


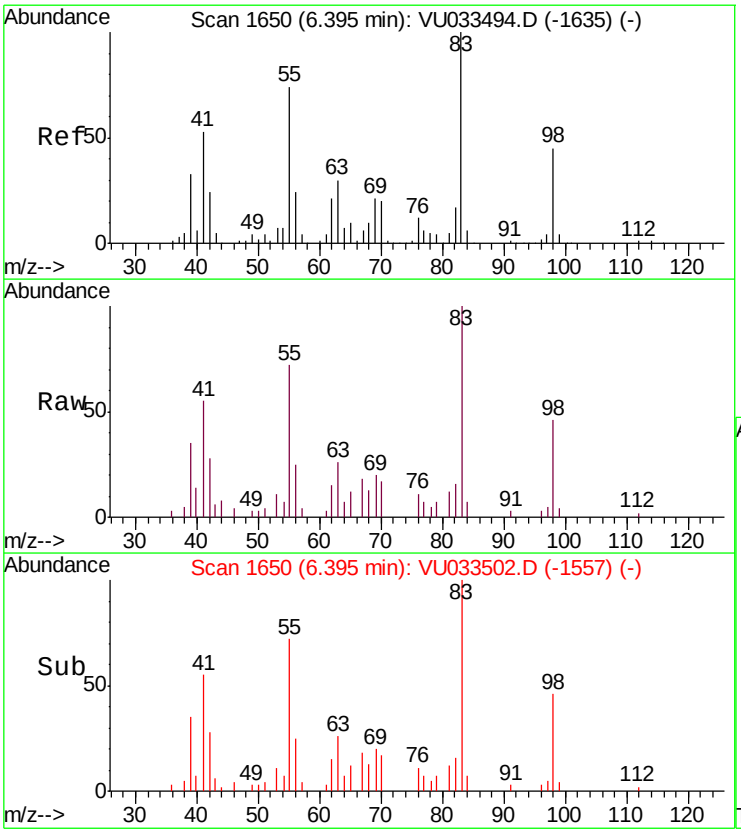
#34
Trichloroethene
Concen: 2.555 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 95 Resp: 6101

Ion	Ratio	Lower	Upper
95	100		
97	57.0	44.7	83.1
132	93.3	66.8	124.0
130	94.7	71.6	133.0

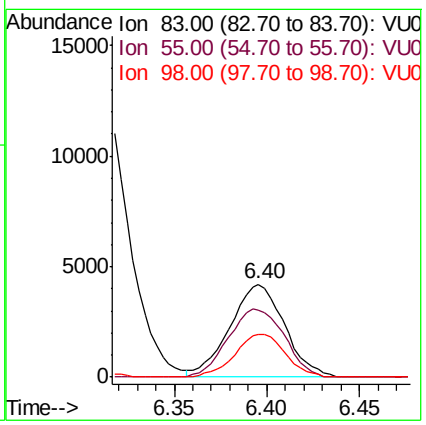


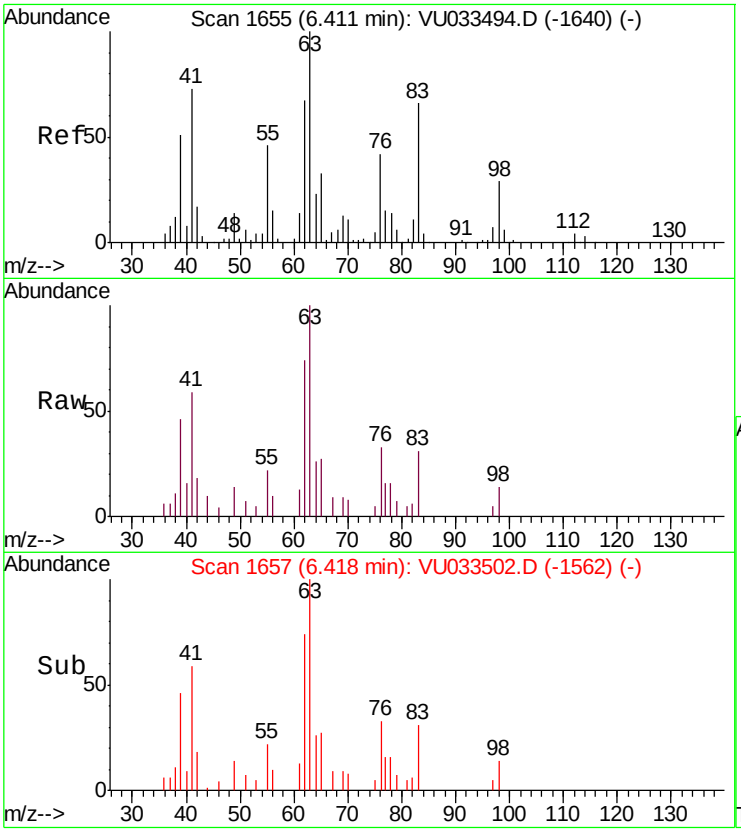


#35
Methylcyclohexane
Concen: 2.312 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 83 Resp: 8615

Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.2	90.4
98	42.5	36.5	54.7



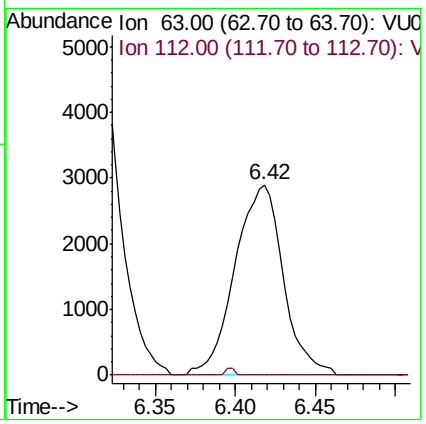


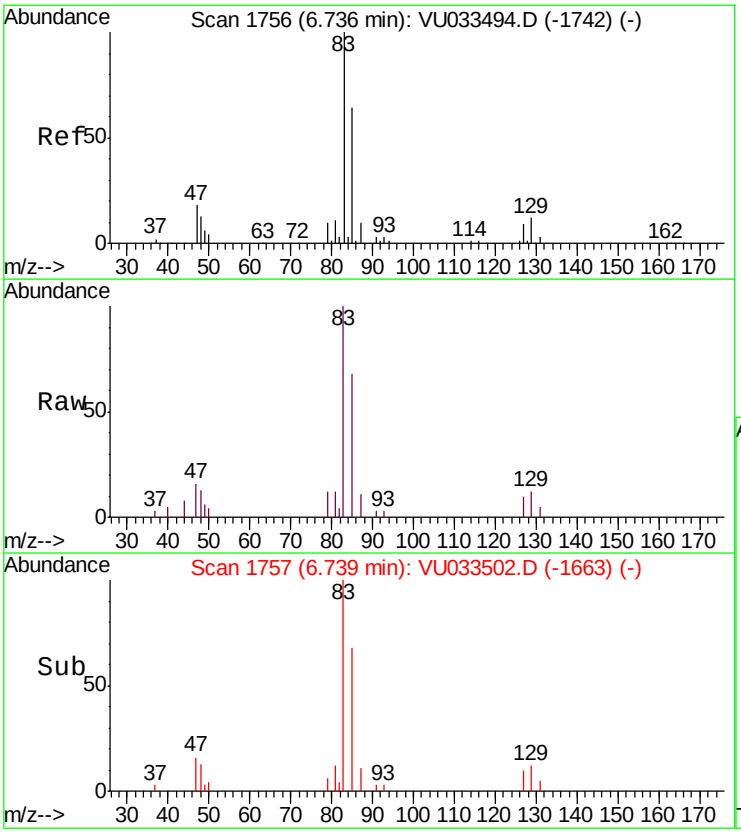
#37
1,2-Dichloropropane
Concen: 2.469 ug/L
RT: 6.42 min Scan# 1657
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 63 Resp: 5983

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.0	4.6#

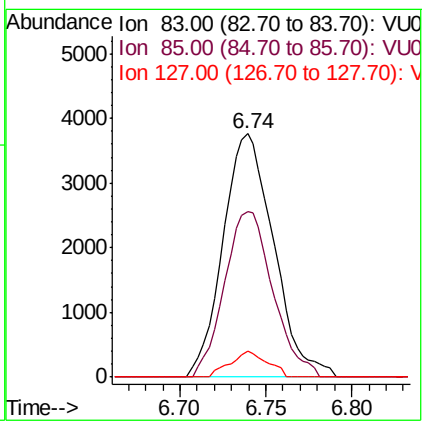


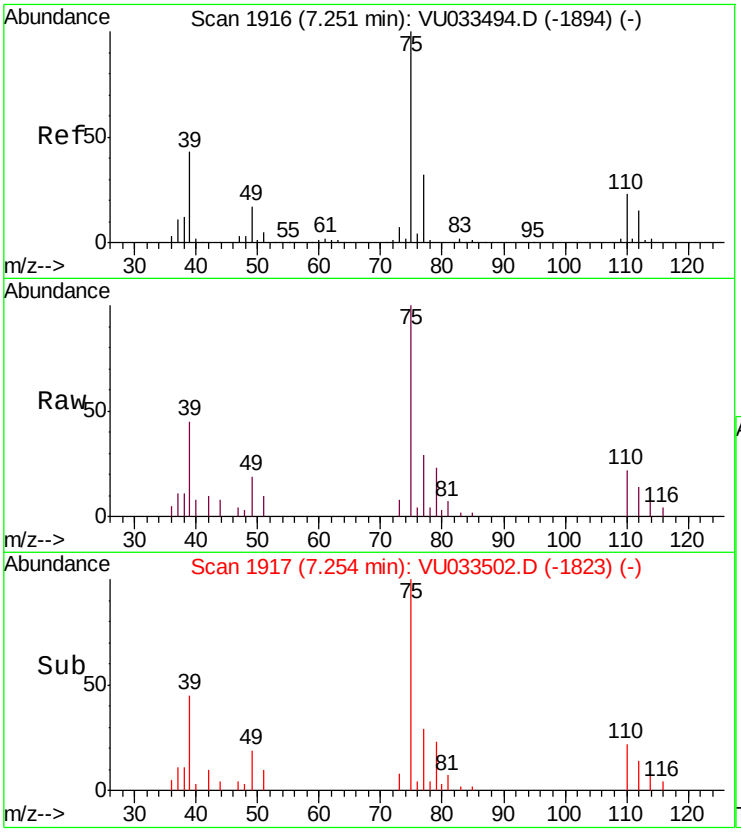


#38
Bromodichloromethane
Concen: 2.460 ug/L
RT: 6.74 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 83 Resp: 7706

Ion	Ratio	Lower	Upper
83	100		
85	68.1	45.1	83.9
127	10.4	7.2	10.8



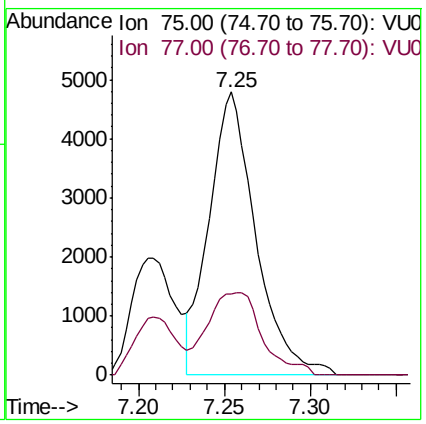


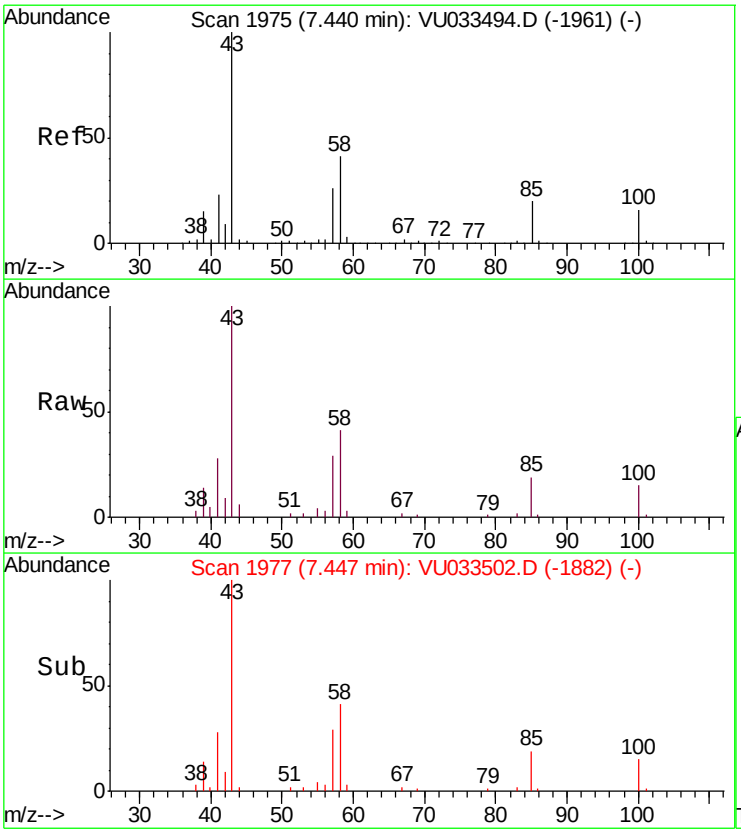
#39
cis-1,3-Dichloropropene
Concen: 2.400 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 9077

Ion	Ratio	Lower	Upper
75	100		
77	28.7	22.3	41.5

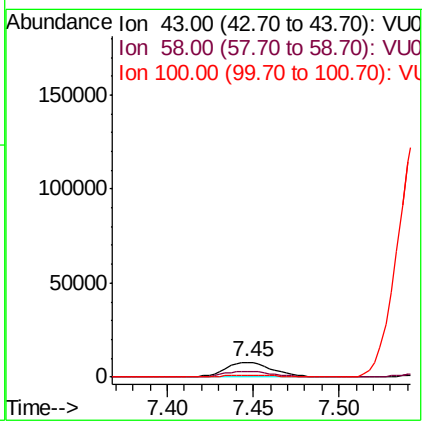


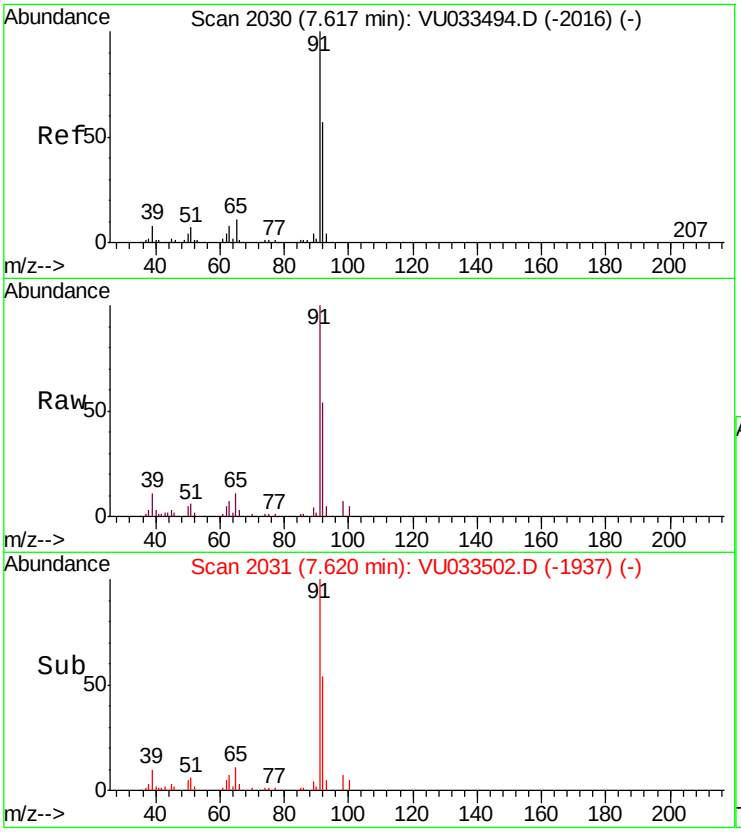


#40
4-Methyl-2-pentanone
Concen: 4.552 ug/L
RT: 7.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 43 Resp: 15229

Ion	Ratio	Lower	Upper
43	100		
58	40.7	32.8	49.2
100	15.4	12.9	19.3



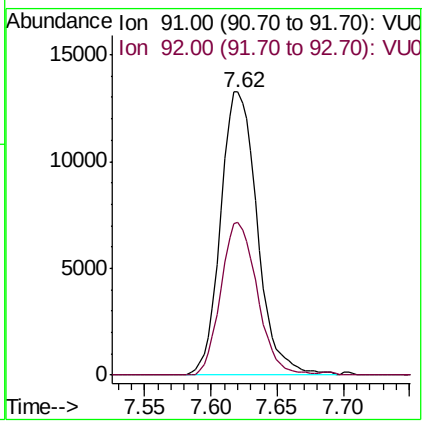


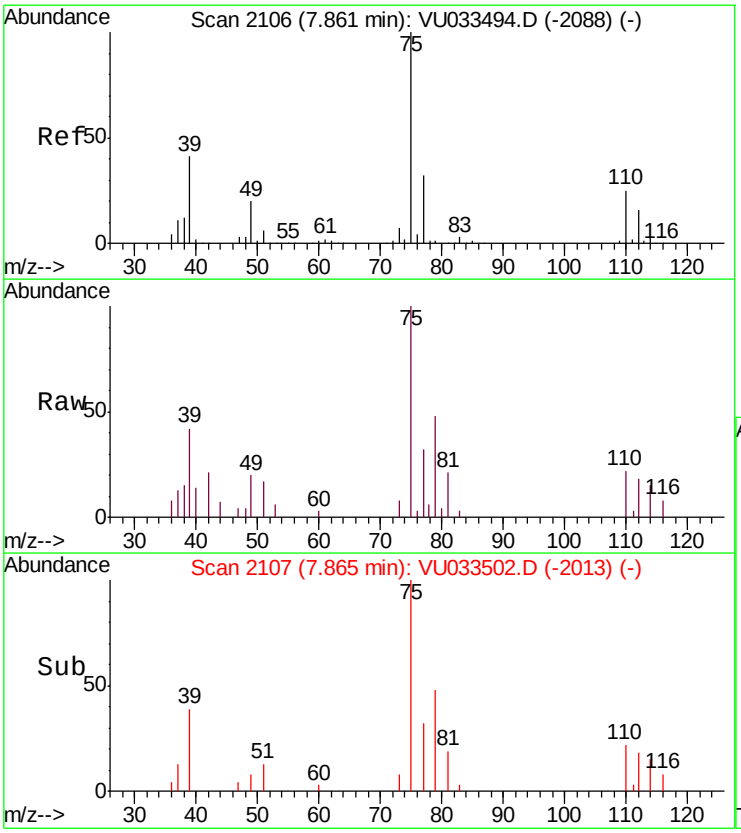
#42
Toluene
Concen: 2.624 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 25537

Ion	Ratio	Lower	Upper
91	100		
92	54.0	40.2	74.6

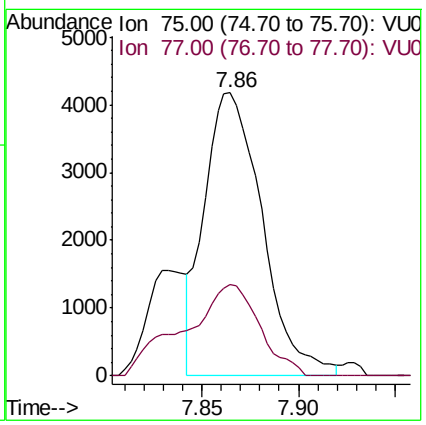


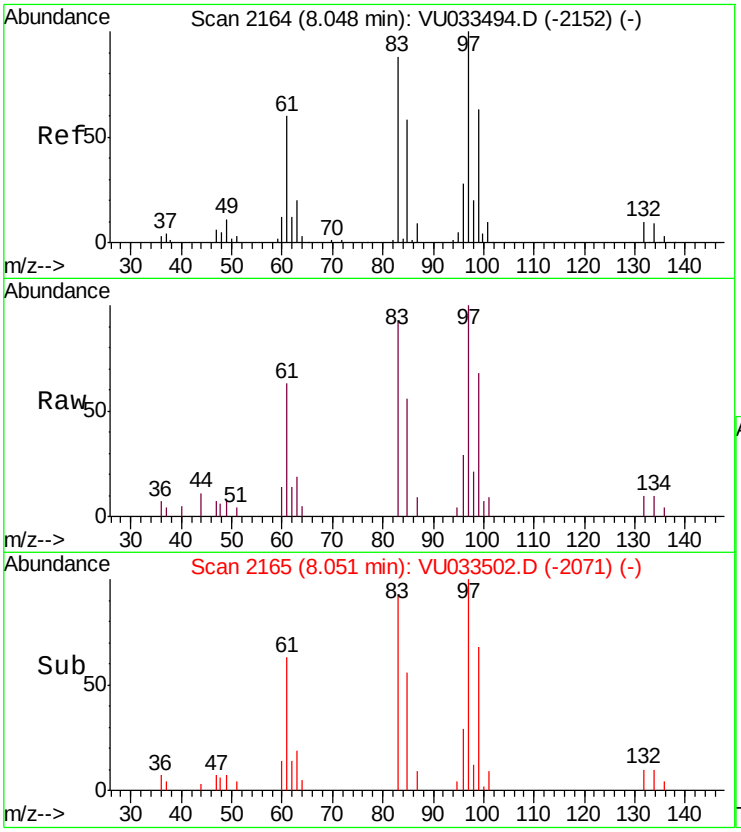


#44
trans-1,3-Dichloropropene
Concen: 2.543 ug/L
RT: 7.86 min Scan# 2107
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 75 Resp: 8691

Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.7	42.1



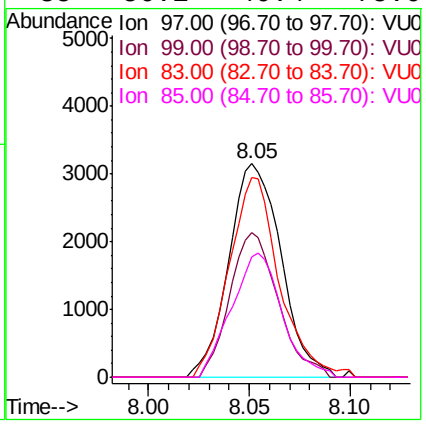


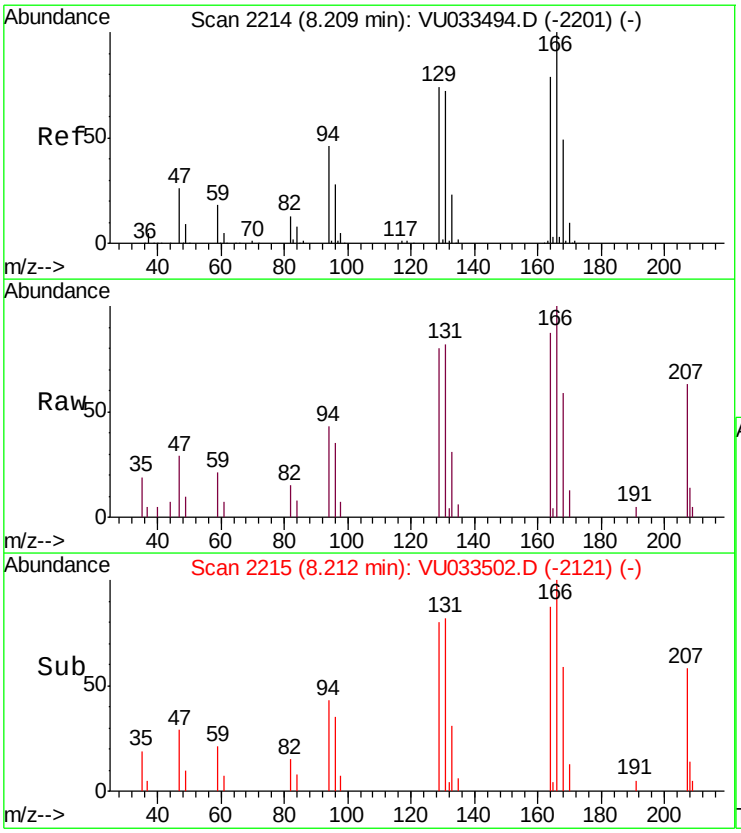
#45
1,1,2-Trichloroethane
Concen: 2.492 ug/L
RT: 8.05 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 97 Resp: 5732

Ion	Ratio	Lower	Upper
97	100		
99	67.6	44.4	82.4
83	93.5	61.5	114.1
85	56.1	40.4	75.0

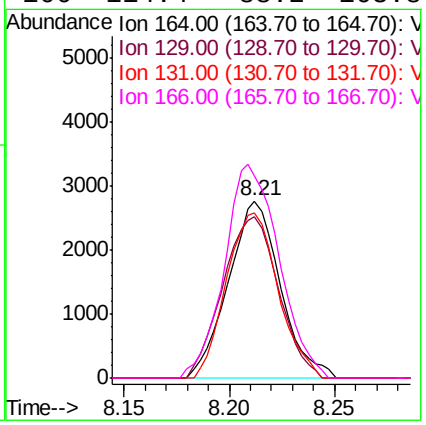


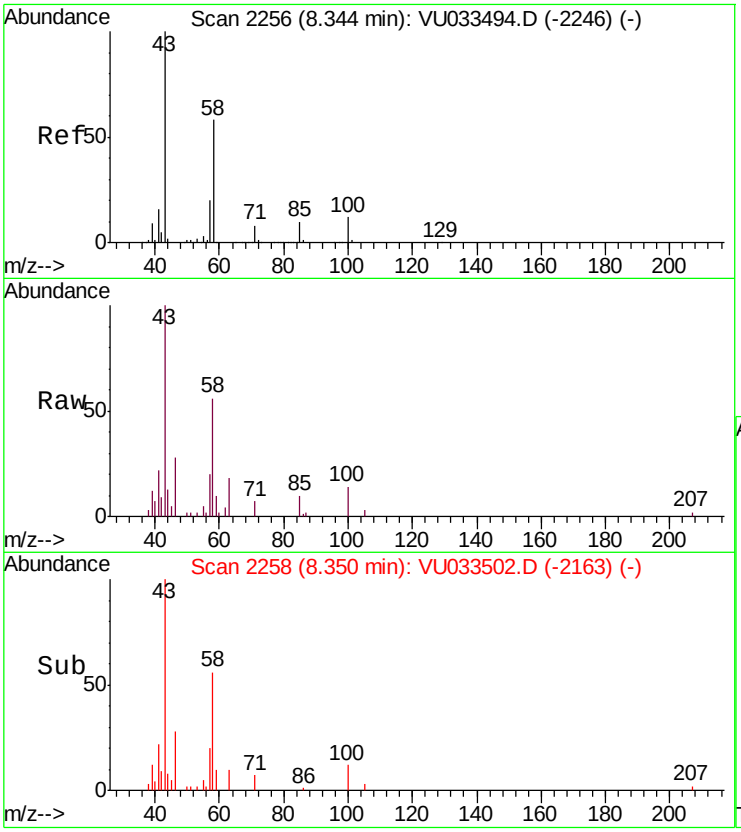


#46
Tetrachloroethene
Concen: 2.424 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:164 Resp: 4725

Ion	Ratio	Lower	Upper
164	100		
129	91.3	65.5	121.7
131	93.3	63.3	117.7
166	114.4	88.2	163.8



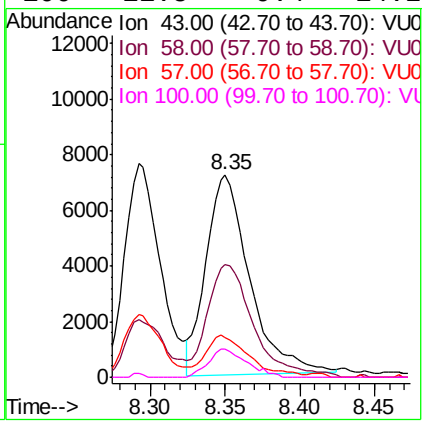


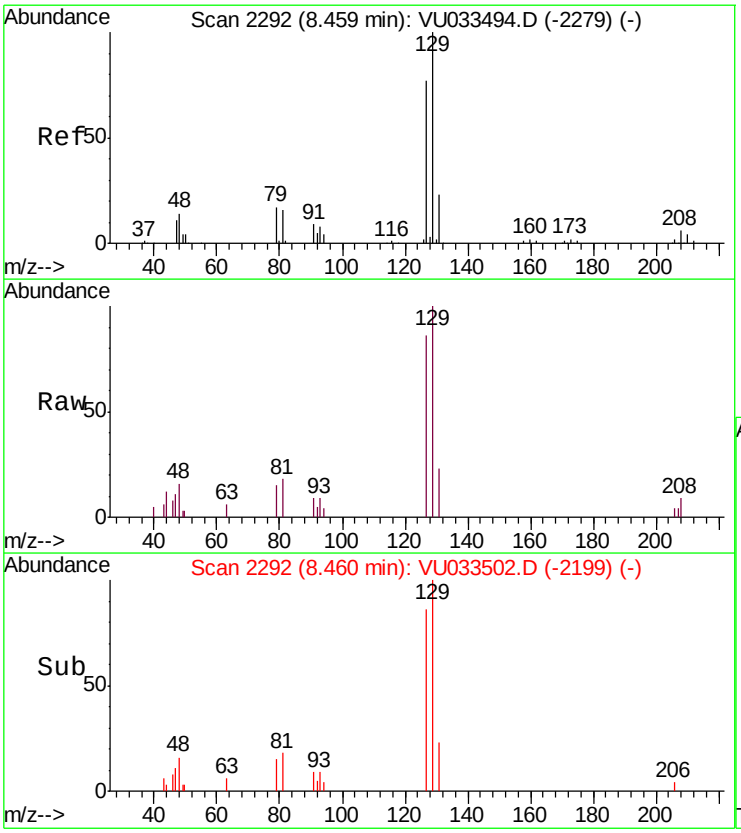
#48
2-Hexanone
Concen: 5.383 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 14558

Ion	Ratio	Lower	Upper
43	100		
58	59.7	45.8	68.6
57	18.5	15.8	23.6
100	11.5	9.4	14.2

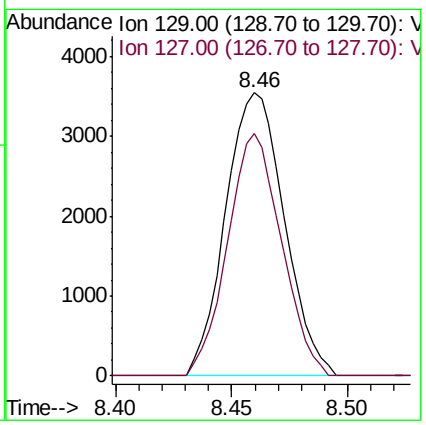


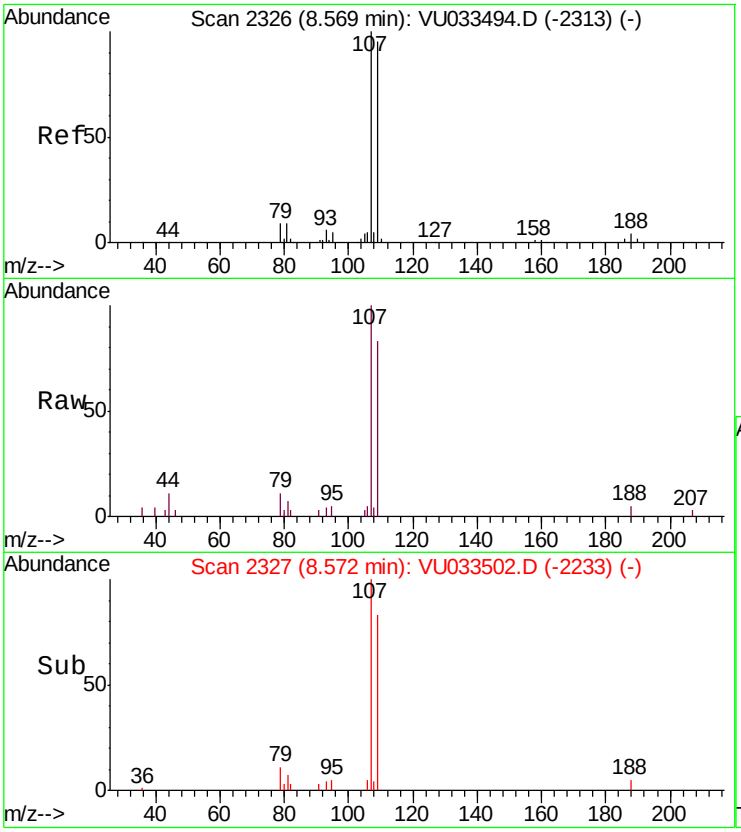


#49
Dibromochloromethane
Concen: 2.388 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:129 Resp: 6250

Ion	Ratio	Lower	Upper
129	100		
127	85.8	53.8	99.8



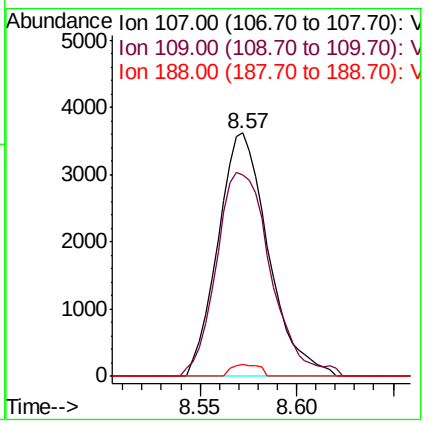


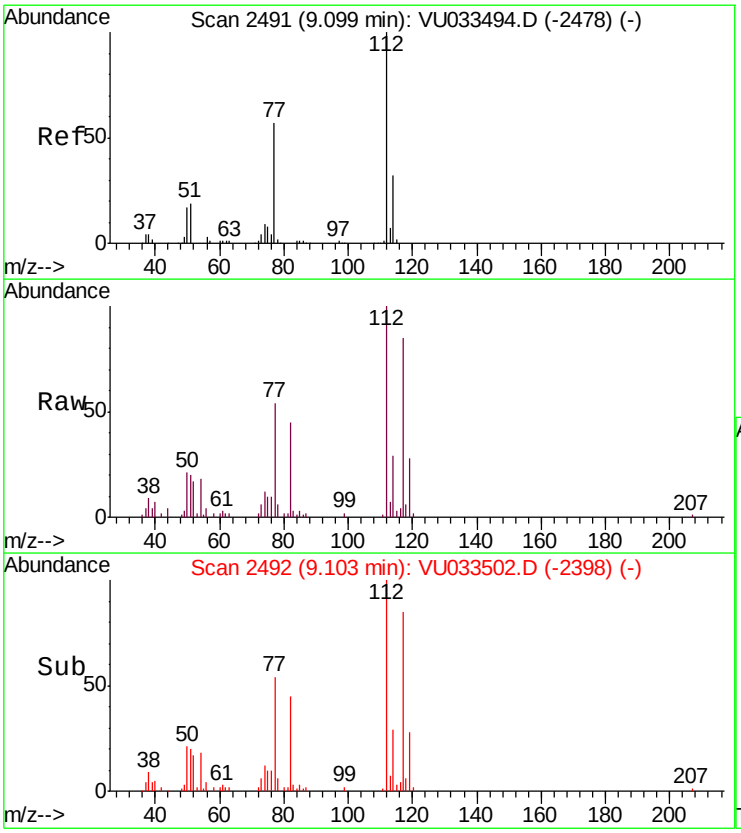
#50
1,2-Dibromoethane
Concen: 2.574 ug/L
RT: 8.57 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:107 Resp: 6558

Ion	Ratio	Lower	Upper
107	100		
109	82.6	66.8	124.0
188	5.0	3.0	4.4#

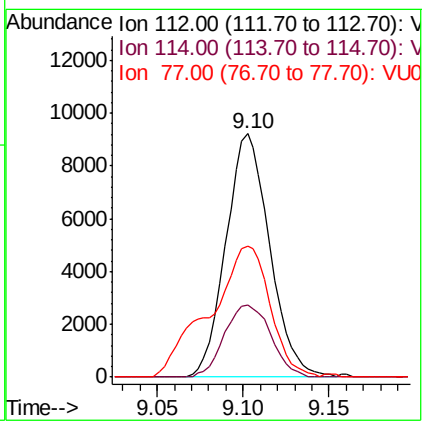


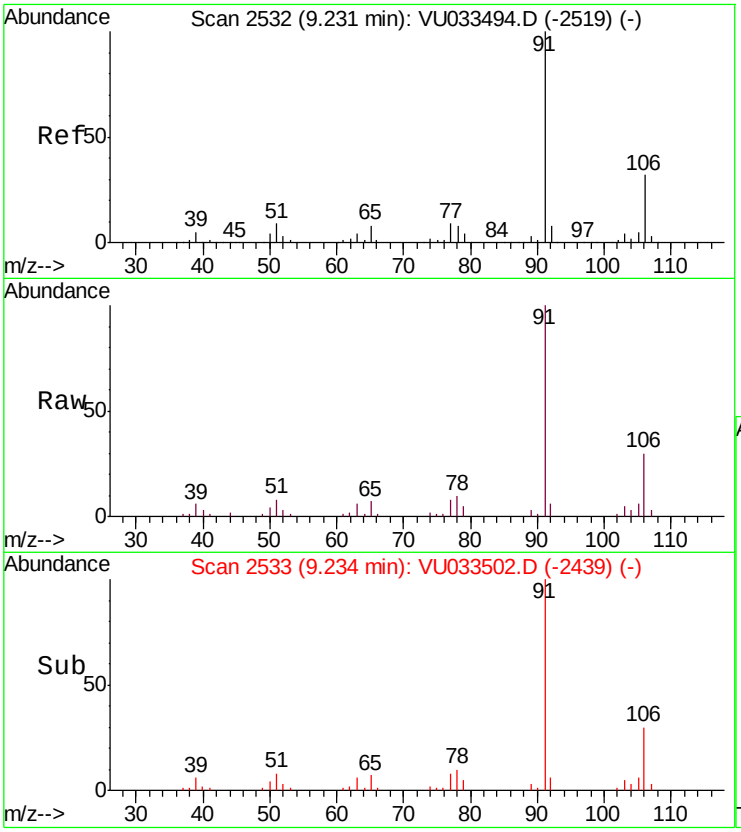


#51
Chlorobenzene
Concen: 2.557 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:112 Resp: 16297

Ion	Ratio	Lower	Upper
112	100		
114	29.4	22.3	41.5
77	54.0	45.6	68.4



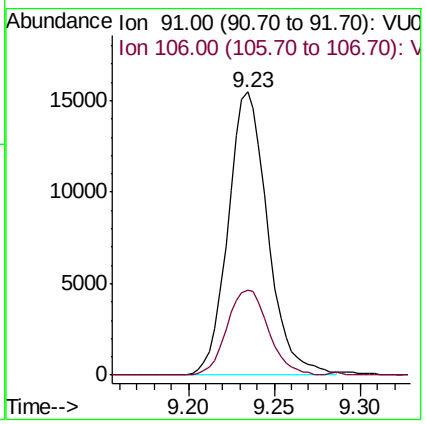


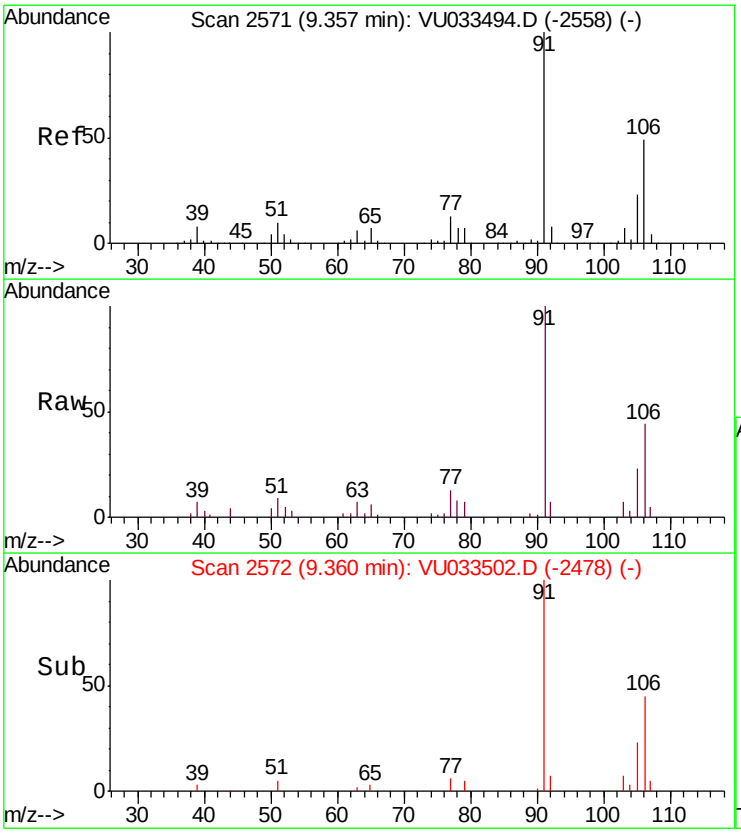
#52
Ethylbenzene
Concen: 2.380 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 24951

Ion	Ratio	Lower	Upper
91	100		
106	30.2	22.2	41.2

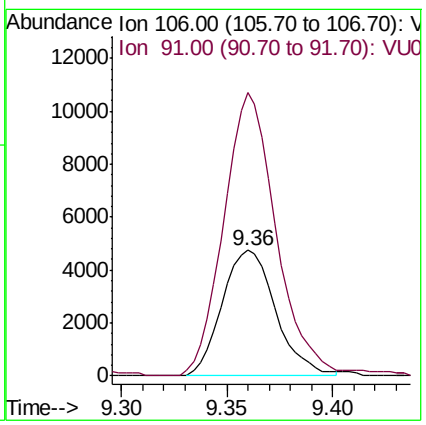


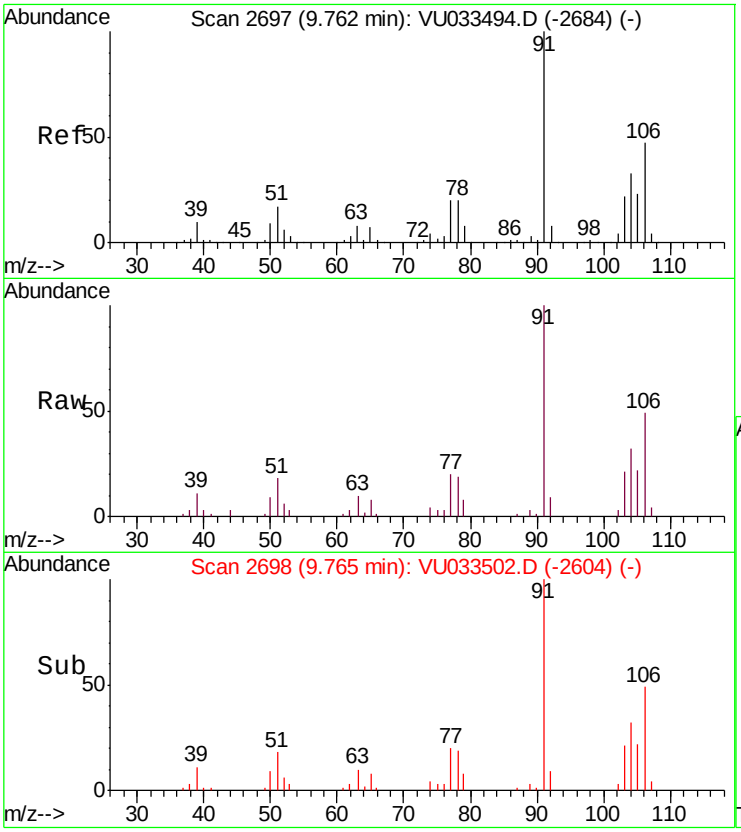


#53
m,p-Xylene
Concen: 2.090 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:106 Resp: 8410

Ion	Ratio	Lower	Upper
106	100		
91	225.6	143.0	265.6



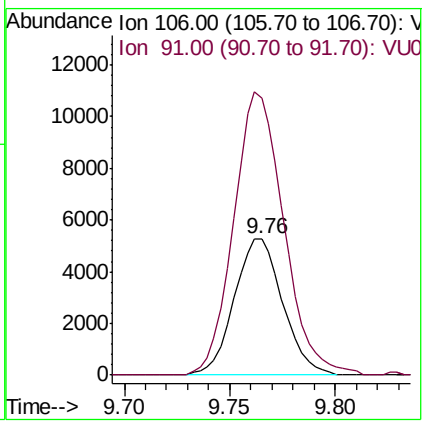


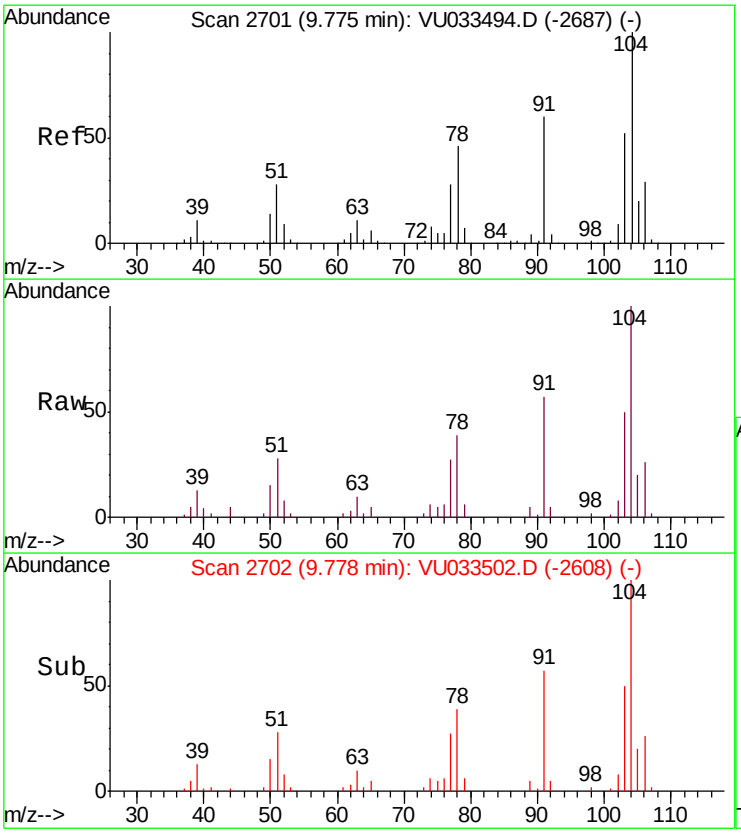
#54
o-xylene
Concen: 2.154 ug/L
RT: 9.76 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 8407

Ion	Ratio	Lower	Upper
106	100		
91	203.0	148.4	275.6

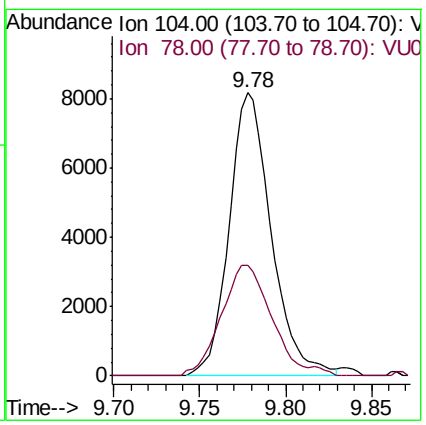


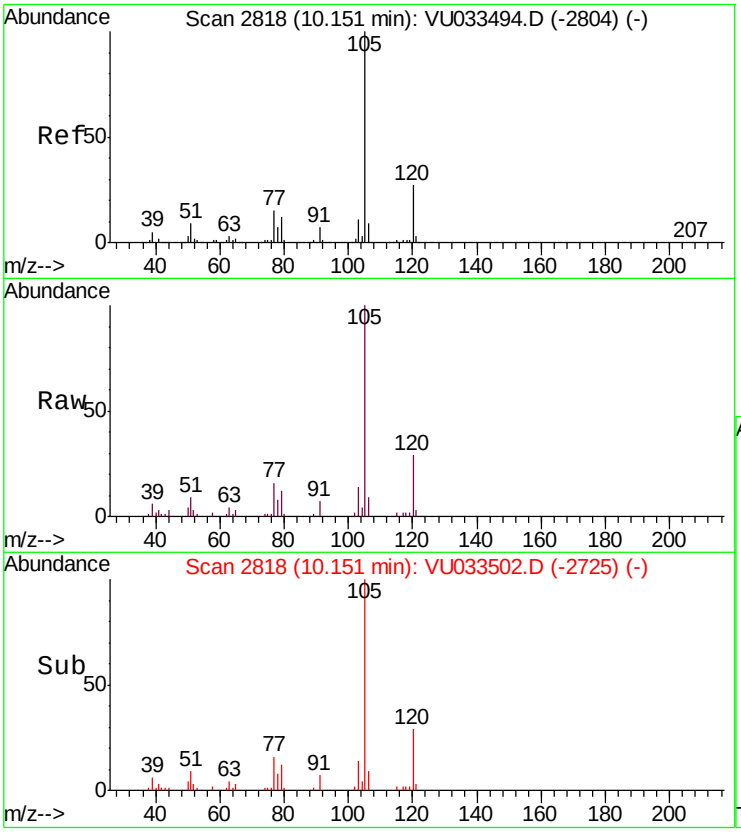


#55
Styrene
Concen: 2.106 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:104 Resp: 13959

Ion	Ratio	Lower	Upper
104	100		
78	39.3	32.2	59.8



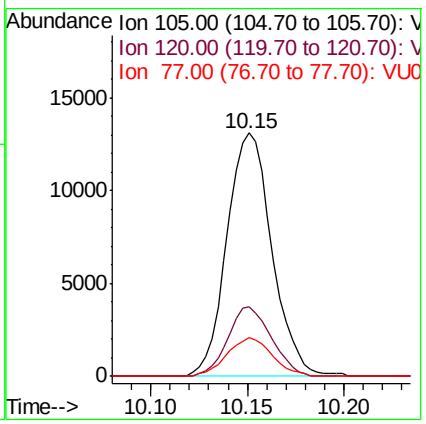


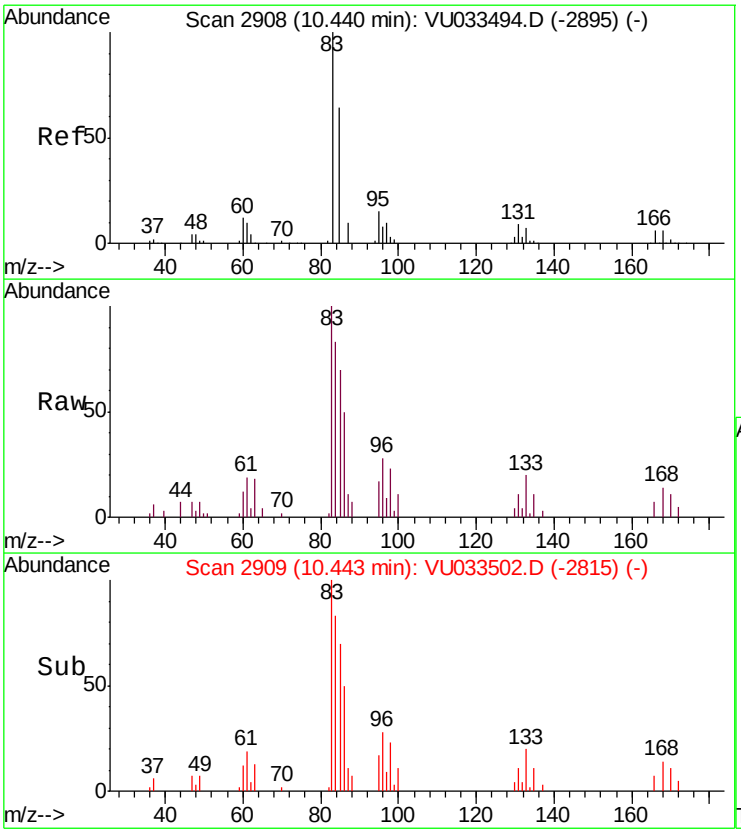
#56
Isopropylbenzene
Concen: 2.081 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 21226

Ion	Ratio	Lower	Upper
105	100		
120	27.6	21.4	32.0
77	15.8	12.5	18.7

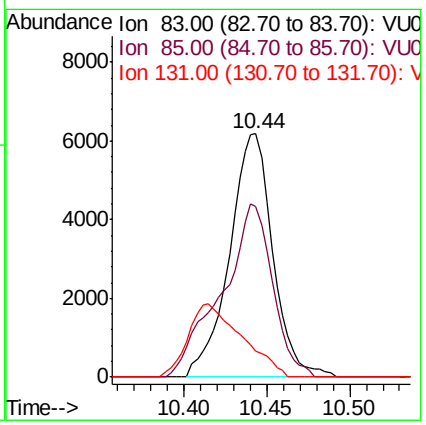


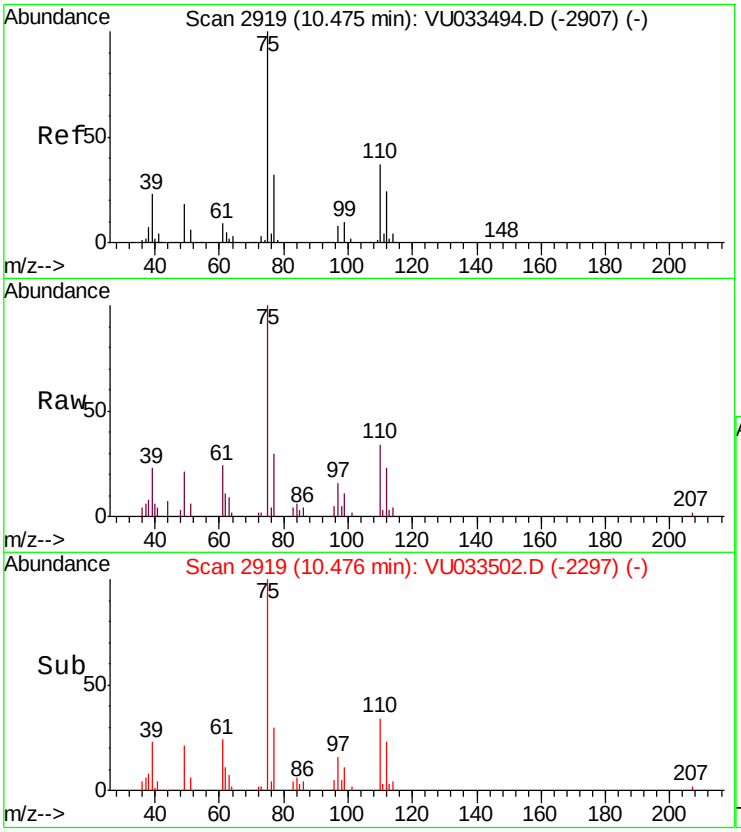


#58
1,1,2,2-Tetrachloroethane
Concen: 2.702 ug/L
RT: 10.44 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 83 Resp: 11212

Ion	Ratio	Lower	Upper
83	100		
85	70.0	45.4	84.4
131	10.8	7.9	11.9



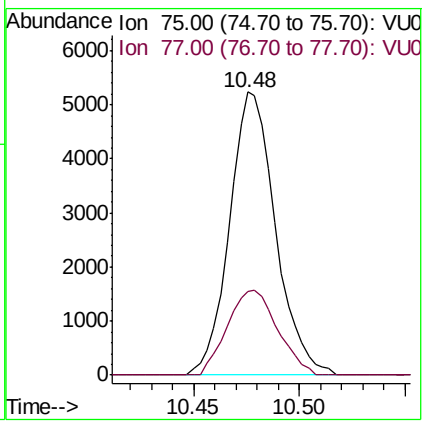


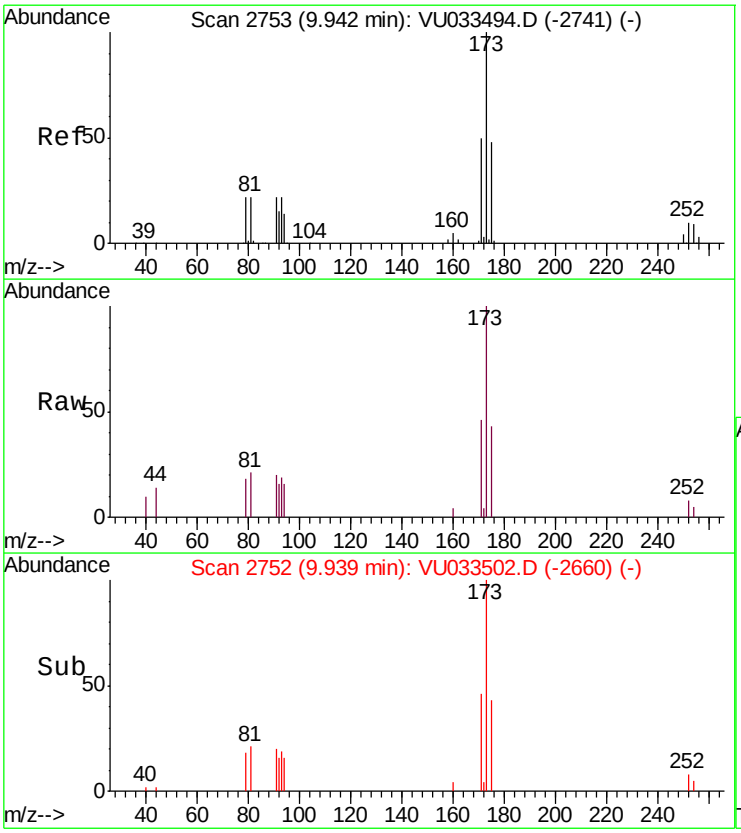
#59
1,2,3-Trichloropropane
Concen: 2.473 ug/L
RT: 10.48 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 75 Resp: 7908

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.6

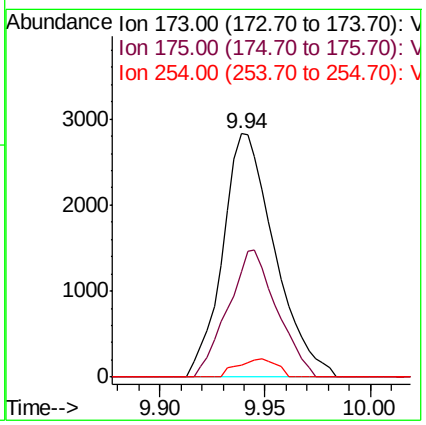


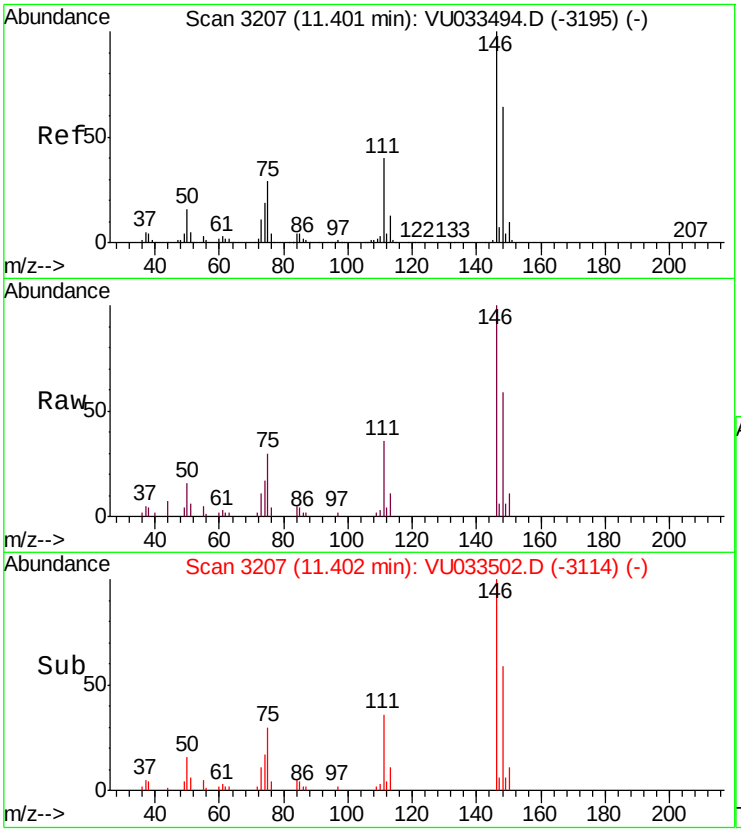


#61
Bromoform
Concen: 2.600 ug/L
RT: 9.94 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:173 Resp: 4860

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.7	58.1
254	5.7	7.5	11.3#



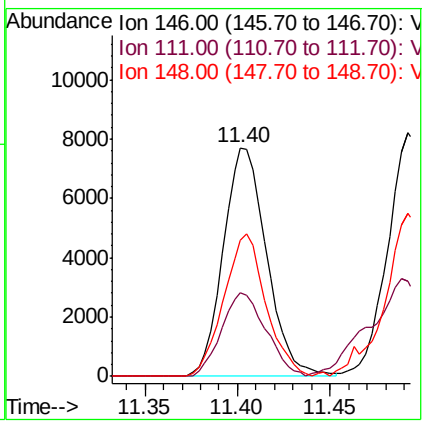


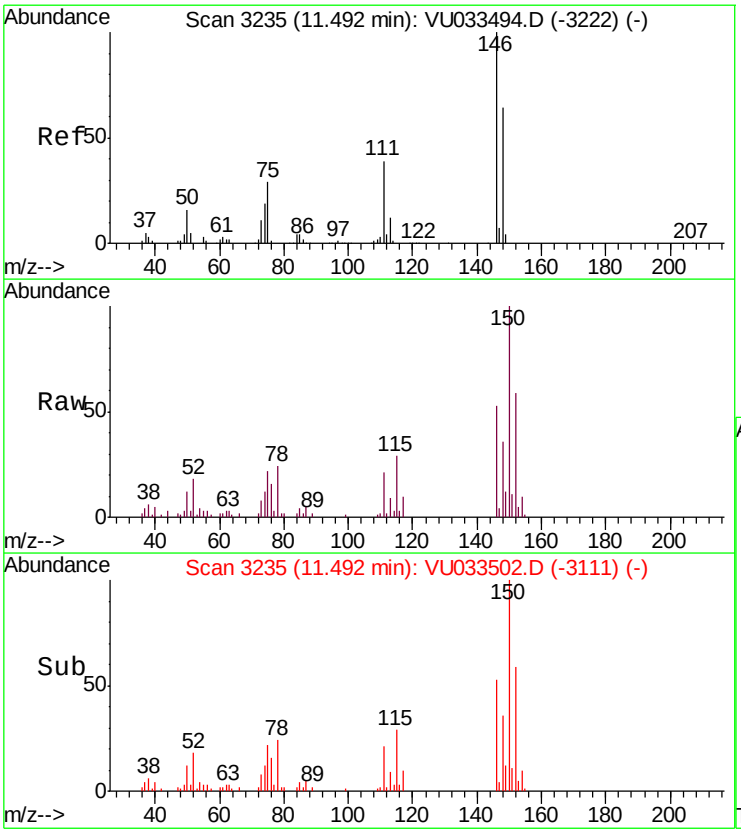
#62
1,3-Dichlorobenzene
Concen: 2.635 ug/L
RT: 11.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 12525

Ion	Ratio	Lower	Upper
146	100		
111	36.3	28.1	52.1
148	59.4	45.0	83.6

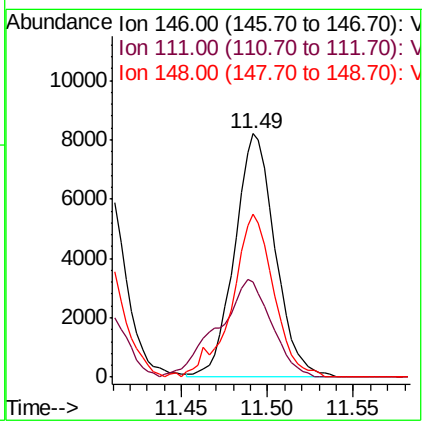


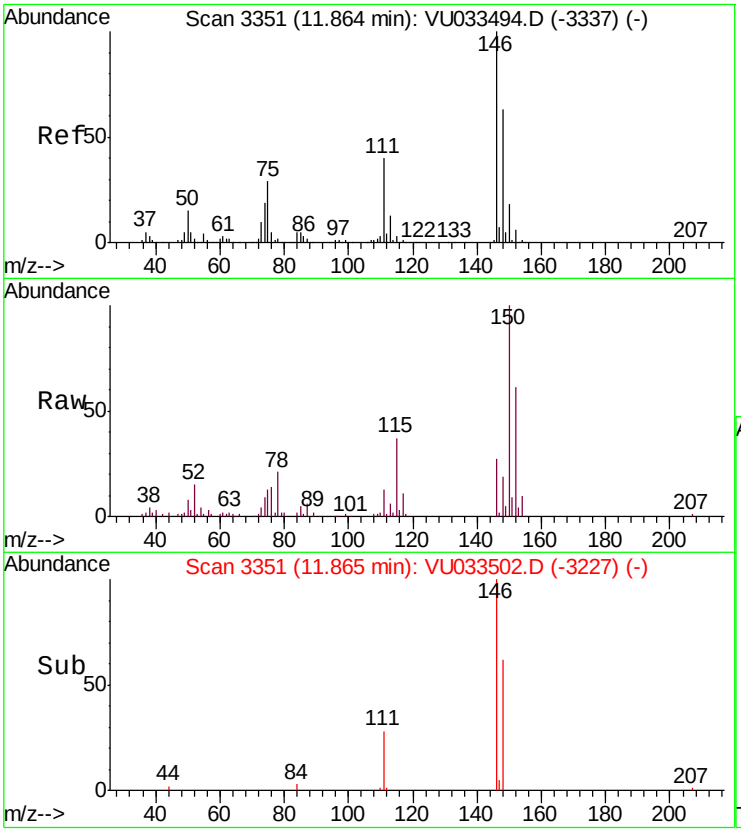


#63
1,4-Dichlorobenzene
Concen: 2.719 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:146 Resp: 13426

Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.2	50.4
148	67.0	44.5	82.7



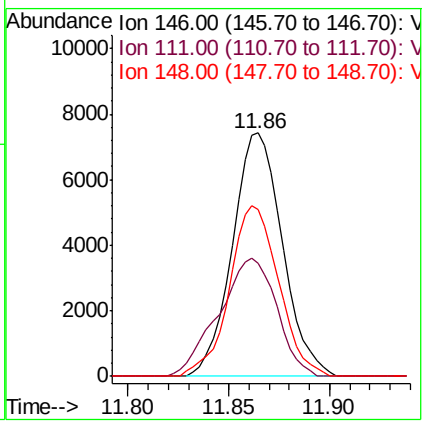


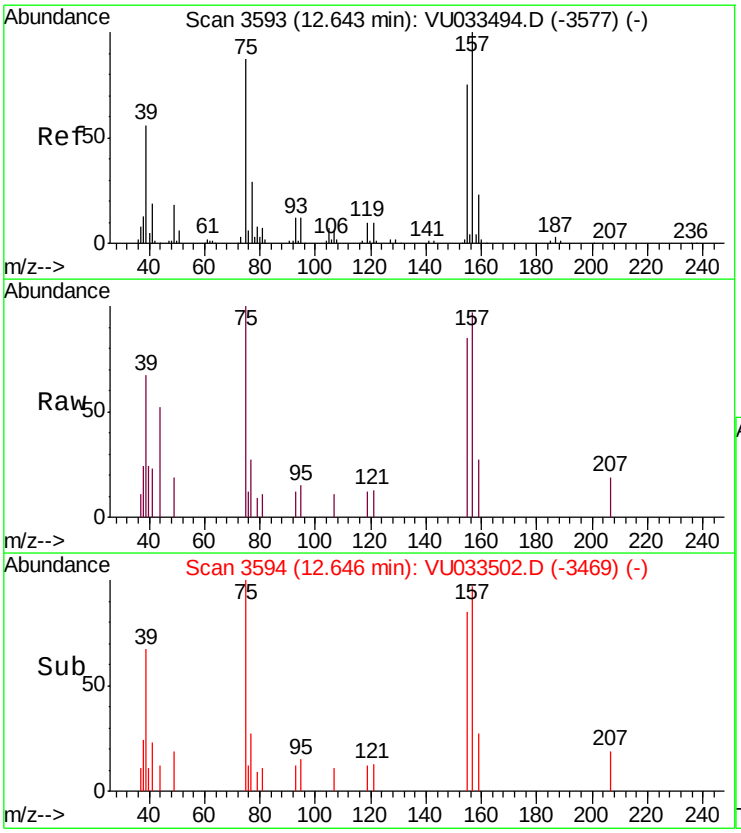
#65
1,2-Dichlorobenzene
Concen: 2.681 ug/L
RT: 11.86 min Scan# 3351
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 12887

Ion	Ratio	Lower	Upper
146	100		
111	46.5	31.7	47.5
148	68.5	50.3	75.5

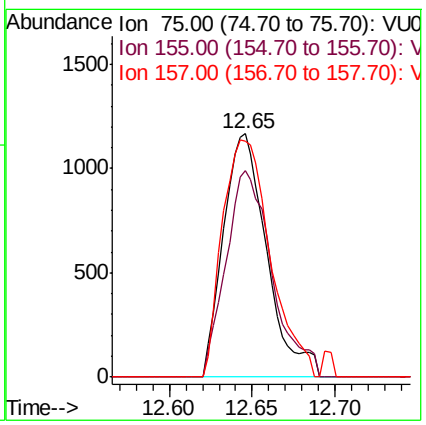


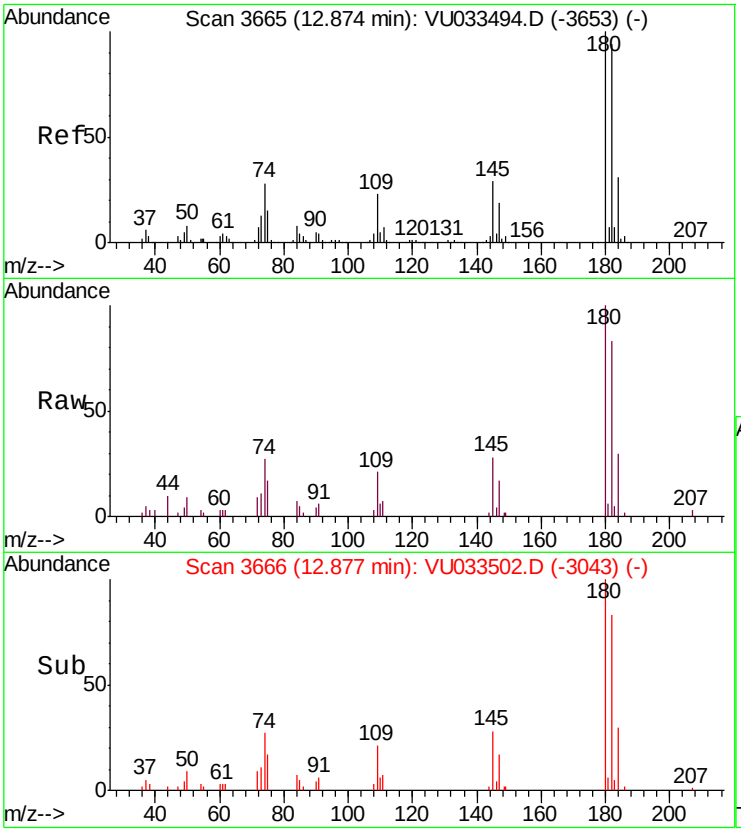


#66
1,2-Dibromo-3-chloropropane
Concen: 2.389 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion: 75 Resp: 2121

Ion	Ratio	Lower	Upper
75	100		
155	85.0	69.4	104.0
157	97.1	91.8	137.8



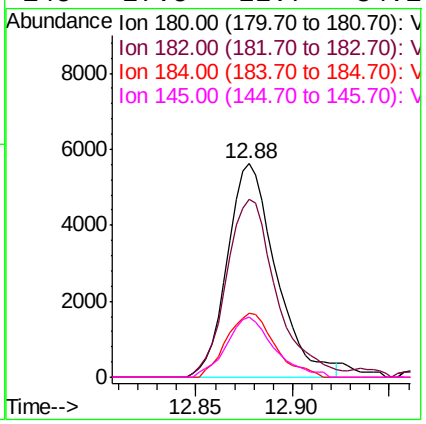


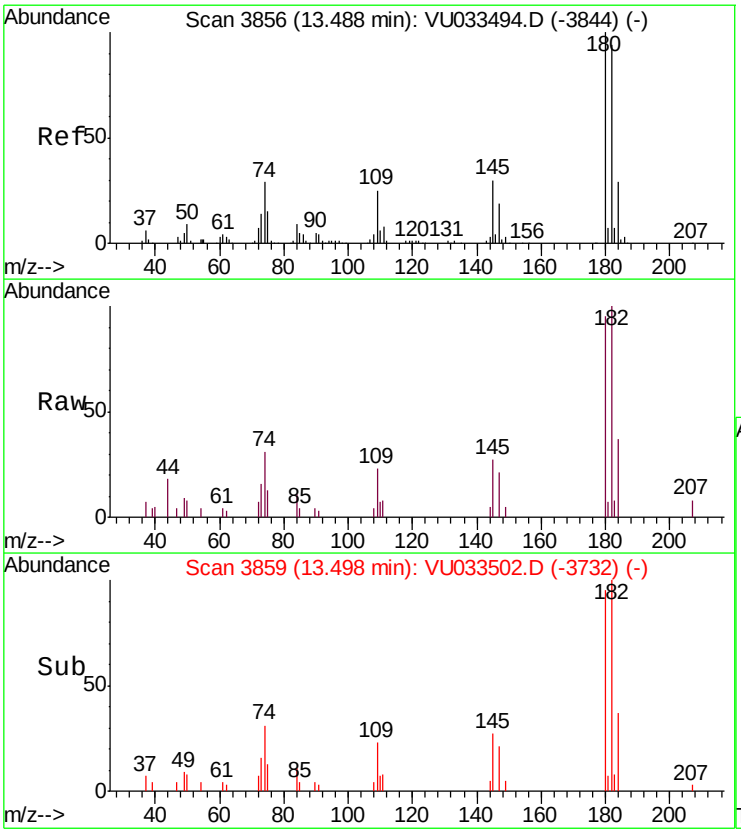
#67
1,3,5-Trichlorobenzene
Concen: 2.556 ug/L
RT: 12.88 min Scan# 3666
Delta R.T. 0.00 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 9802

Ion	Ratio	Lower	Upper
180	100		
182	86.5	75.6	113.4
184	29.8	24.2	36.2
145	27.5	22.7	34.1

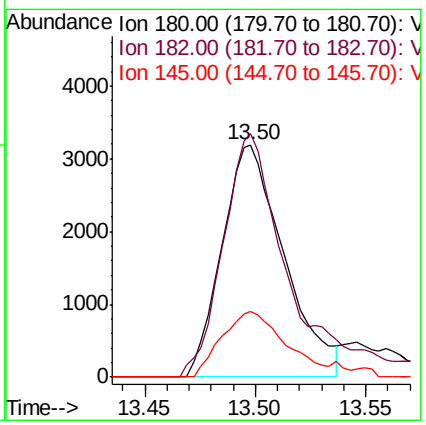


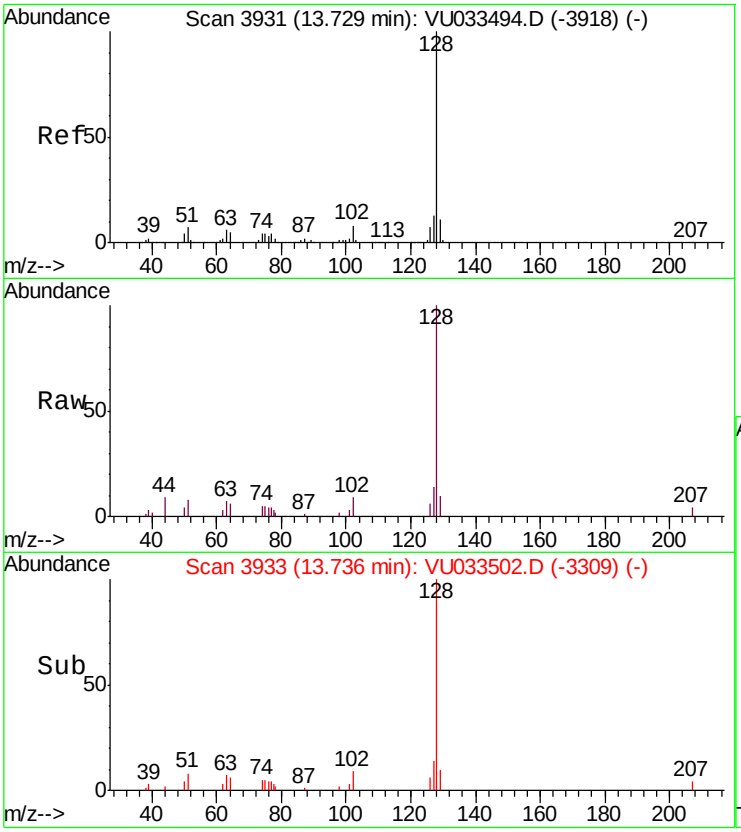


#68
1,2,4-trichlorobenzene
Concen: 1.901 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:180 Resp: 6229

Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.8
145	29.0	24.3	36.5



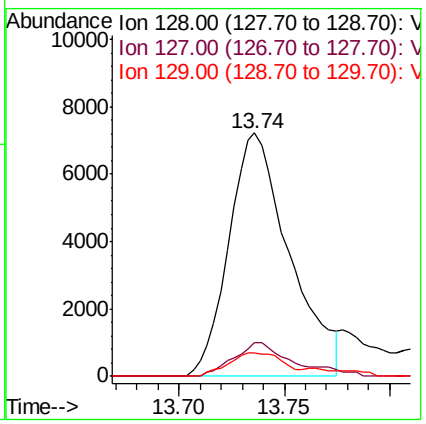


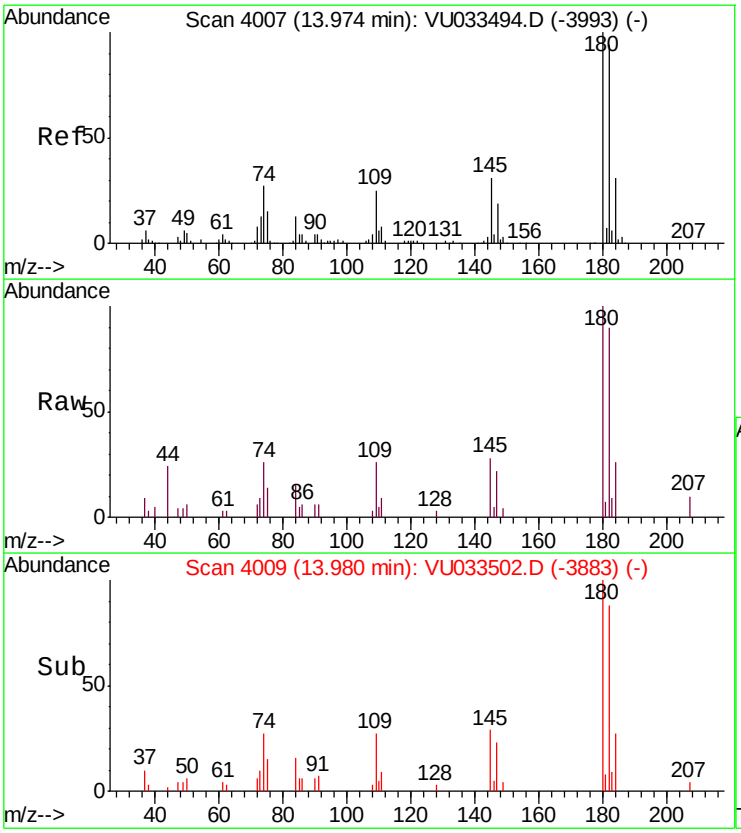
#69
Naphthalene
Concen: 1.533 ug/L
RT: 13.74 min Scan# 3933
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:128 Resp: 14408

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.8	16.2
129	8.8	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 2.221 ug/L
RT: 13.98 min Scan# 4009
Delta R.T. 0.01 min
Lab File: VU033502.D
Acq: 30 Jul 2019 19:12

Tgt Ion:180 Resp: 7652

Ion	Ratio	Lower	Upper
180	100		
182	89.3	75.5	113.3
145	25.8	24.4	36.6