Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073019\
Data File : VU033486.D
Acq On : 30 Jul 2019 11:48
Operator : JC/SP
Sample : MDL05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL05

Quant Time: Jul 31 08:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	285750	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	299177	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	140091	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	116905	45.06	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.12%				
7) Chloroethane-d5	1.67	69	103655	48.35	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.70%				
11) 1,1-Dichloroethene-d2	2.25	63	166899	35.17	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.34%				
21) 2-Butanone-d5	4.15	46	151108	101.63	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.63%				
24) Chloroform-d	4.62	84	188459	48.53	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.06%				
26) 1,2-Dichloroethane-d4	5.29	65	125421	50.06	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.12%				
32) Benzene-d6	5.32	84	386446	48.12	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.24%				
36) 1,2-Dichloropropane-d6	6.31	67	124720	50.06	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.12%				
41) Toluene-d8	7.55	98	351474	46.55	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.10%				
43) trans-1,3-Dichloropropene-	7.83	79	57186	46.98	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.96%				
47) 2-Hexanone-d5	8.30	63	106680	103.09	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.09%				
56) 1,1,2,2-Tetrachloroethane-	10.41	84	182635	47.77	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.54%				
66) 1,2-Dichlorobenzene-d4	11.85	152	136837	50.83	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	6277	2.202	ug/L		99
3) Chloromethane	1.32	50	6385	2.243	ug/L		96
5) Vinyl chloride	1.40	62	7558	2.322	ug/L	#	65
6) Bromomethane	1.62	94	4845	2.130	ug/L		97
8) Chloroethane	1.69	64	4997	2.502	ug/L		96
9) Trichlorofluoromethane	1.87	101	9528	2.232	ug/L		93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5869	2.735	ug/L	#	82
12) 1,1-Dichloroethene	2.27	96	5676	2.715	ug/L	#	1
13) Acetone	2.31	43	7614	5.167	ug/L		94
14) Carbon disulfide	2.46	76	13934	2.237	ug/L		99
15) Methyl Acetate	2.60	43	5315	2.249	ug/L		100
16) Methylene chloride	2.69	84	5435	2.366	ug/L		99
17) trans-1,2-Dichloroethene	2.96	96	4743	2.284	ug/L		95
18) Methyl tert-butyl Ether	2.98	73	13156	2.147	ug/L		95
19) 1,1-Dichloroethane	3.42	63	9439	2.414	ug/L		93
20) cis-1,2-Dichloroethene	4.21	96	5037	2.198	ug/L		97
22) 2-Butanone	4.25	43	8017	4.579	ug/L		88

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073019\
Data File : VU033486.D
Acq On : 30 Jul 2019 11:48
Operator : JC/SP
Sample : MDL05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL05

Quant Time: Jul 31 08:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	2787	2.289 ug/L	87
25) Chloroform	4.65	83	17439	4.207 ug/L	95
27) 1,2-Dichloroethane	5.39	62	7395	2.297 ug/L	99
29) Cyclohexane	4.97	56	6375	1.940 ug/L #	90
30) 1,1,1-Trichloroethane	4.89	97	7885	2.213 ug/L	99
31) Carbon tetrachloride	5.11	117	6597	2.080 ug/L	91
33) Benzene	5.37	78	18731	2.095 ug/L	100
34) Trichloroethene	6.17	95	5186	2.226 ug/L	94
35) Methylcyclohexane	6.39	83	6824	1.926 ug/L	99
37) 1,2-Dichloropropane	6.41	63	5165	2.148 ug/L #	91
38) Bromodichloromethane	6.74	83	6724	2.124 ug/L	93
39) cis-1,3-Dichloropropene	7.25	75	7754	2.162 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	12111	3.821 ug/L	97
42) Toluene	7.62	91	21427	2.227 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	6618	2.033 ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	5033	2.194 ug/L	97
46) Tetrachloroethene	8.21	164	3885	2.049 ug/L	94
48) 2-Hexanone	8.35	43	13905	5.385 ug/L #	94
49) Dibromochloromethane	8.46	129	5212	2.029 ug/L	97
50) 1,2-Dibromoethane	8.57	107	5458	2.193 ug/L #	97
51) Chlorobenzene	9.10	112	14583	2.281 ug/L	97
52) Ethylbenzene	9.23	91	20173	1.934 ug/L	93
53) m,p-Xylene	9.36	106	7698	1.962 ug/L	97
54) o-xylene	9.76	106	7007	1.822 ug/L	88
55) Styrene	9.78	104	10919	1.673 ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.44	83	9298	2.280 ug/L #	96
59) Bromoform	9.95	173	3789	2.162 ug/L #	90
60) 1,2,3-Trichloropropane	10.48	75	7124	2.496 ug/L	95
61) Isopropylbenzene	10.15	105	17207	1.918 ug/L	97
62) 1,3,5-Trimethylbenzene	10.76	105	13337	1.834 ug/L	98
63) 1,2,4-Trimethylbenzene	11.13	105	12716	1.764 ug/L	99
64) 1,3-Dichlorobenzene	11.40	146	9635	2.107 ug/L	95
65) 1,4-Dichlorobenzene	11.49	146	10322	2.185 ug/L	98
67) 1,2-Dichlorobenzene	11.86	146	11048	2.411 ug/L	92
68) 1,2-Dibromo-3-chloropropan	12.65	75	1562	1.969 ug/L #	79
69) 1,3,5-Trichlorobenzene	12.88	180	6578	1.894 ug/L	96
70) 1,2,4-trichlorobenzene	13.50	180	4318	1.490 ug/L	95
71) Naphthalene	13.74	128	10550	1.259 ug/L #	89
72) 1,2,3-Trichlorobenzene	13.98	180	4713	1.552 ug/L	97

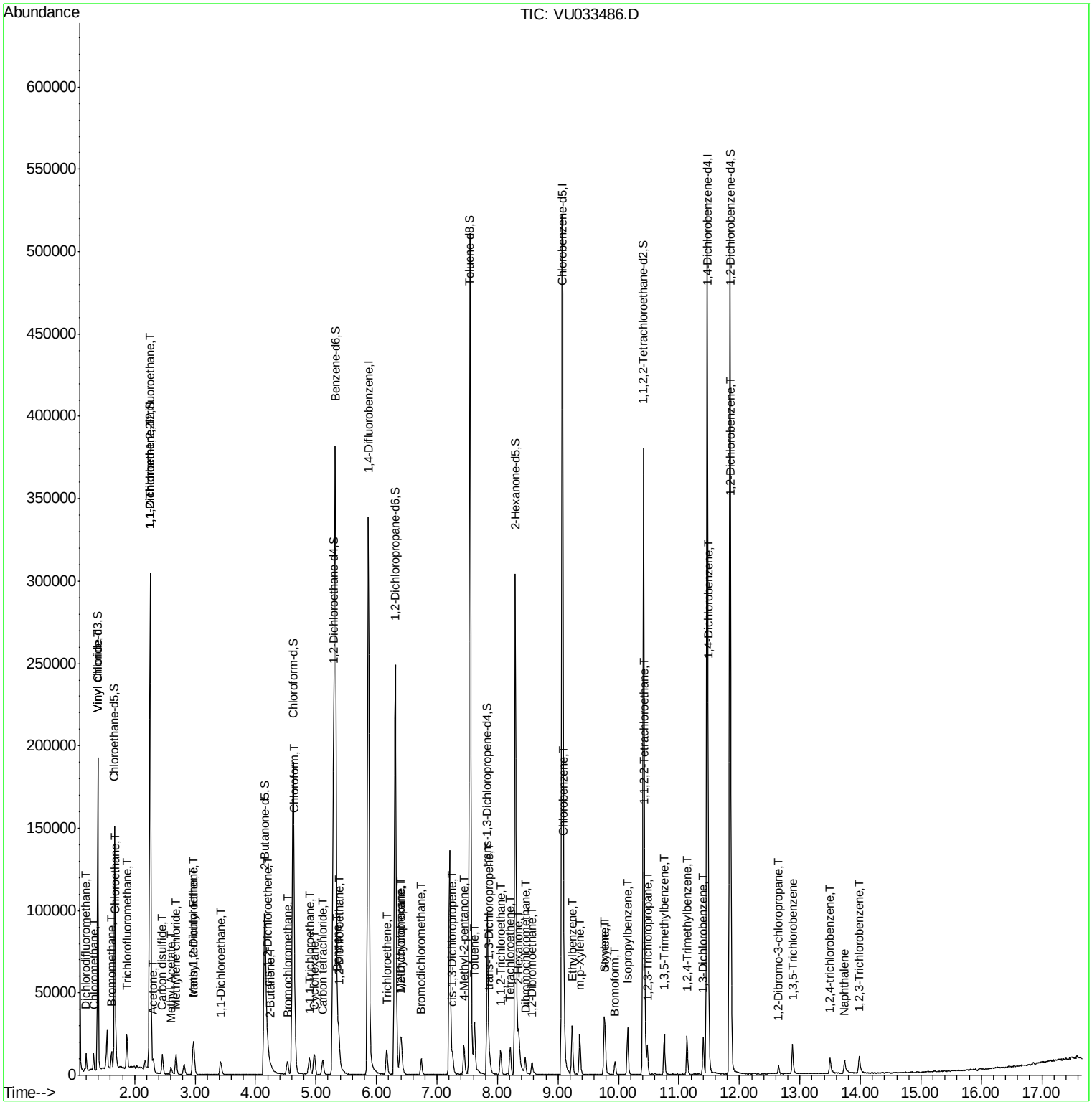
(#) = qualifier out of range (m) = manual integration (+) = signals summed

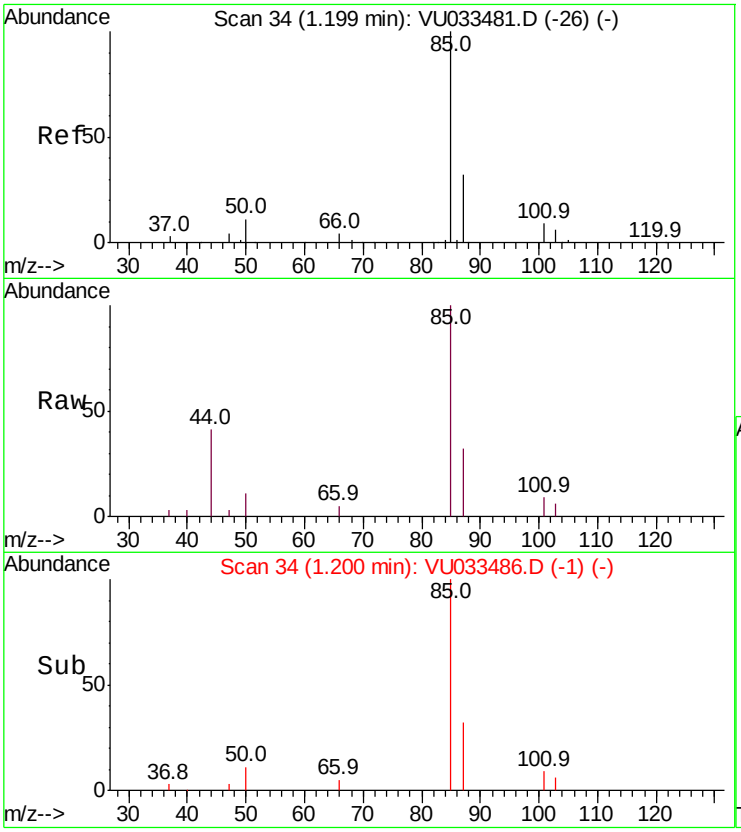
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073019\
Data File : VU033486.D
Acq On : 30 Jul 2019 11:48
Operator : JC/SP
Sample : MDL05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Quant Time: Jul 31 08:48:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:44:45 2019
Response via : Initial Calibration



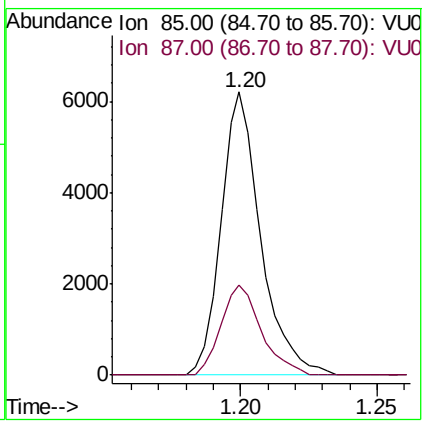


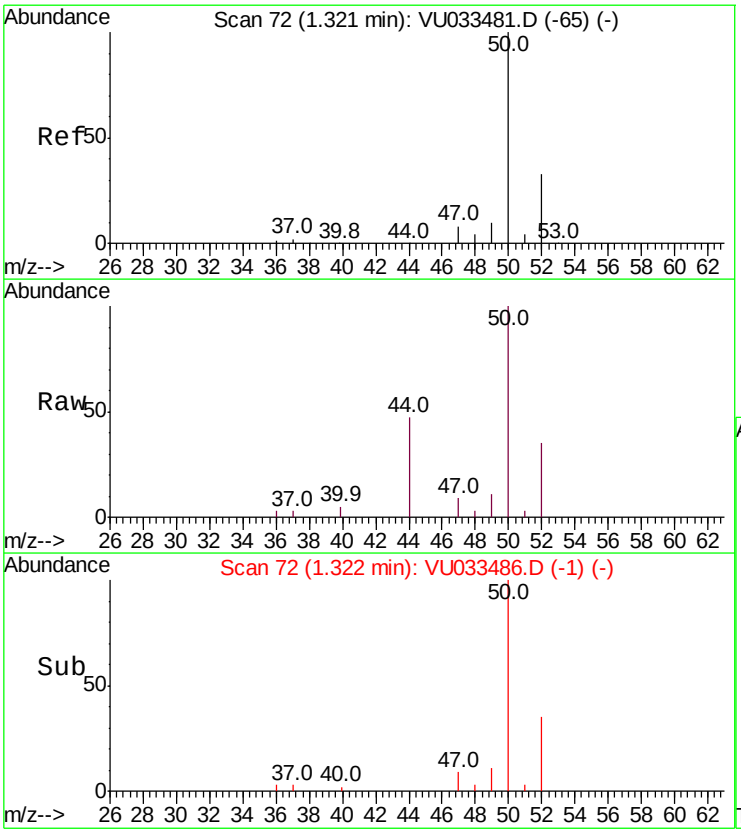
#2
Dichlorodifluoromethane
Concen: 2.202 ug/L
RT: 1.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 85 Resp: 6277

Ion	Ratio	Lower	Upper
85	100		
87	32.5	25.7	38.5

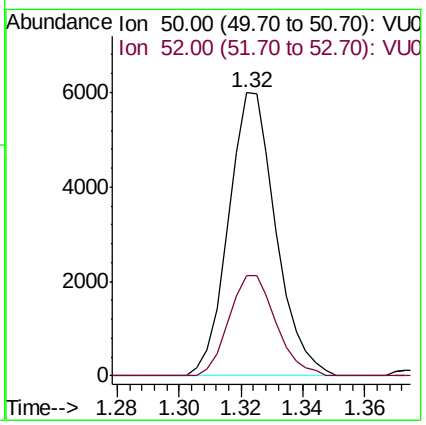


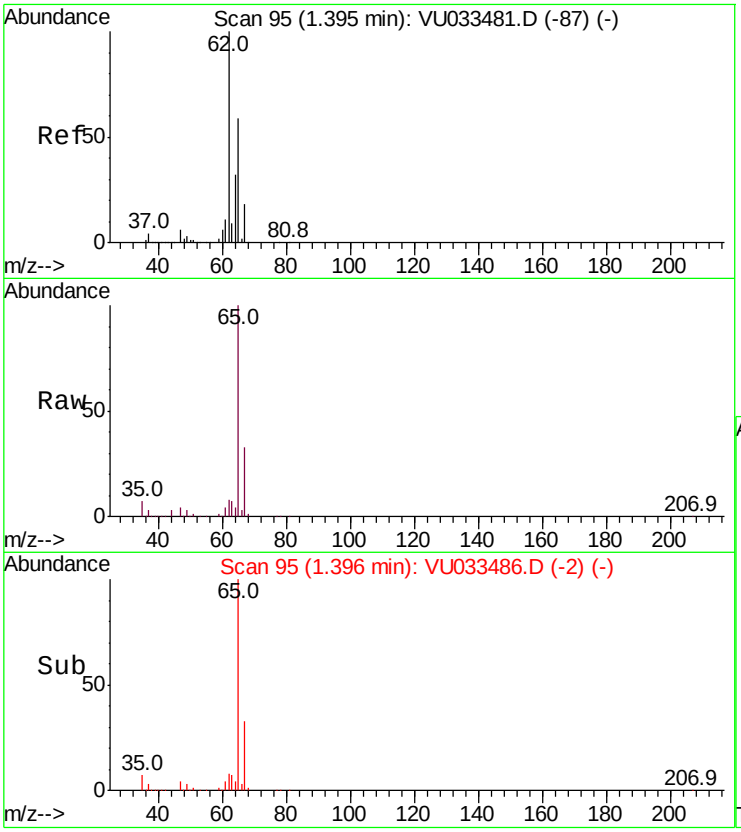


#3
Chloromethane
Concen: 2.243 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 50 Resp: 6385

Ion	Ratio	Lower	Upper
50	100		
52	35.4	23.3	43.3



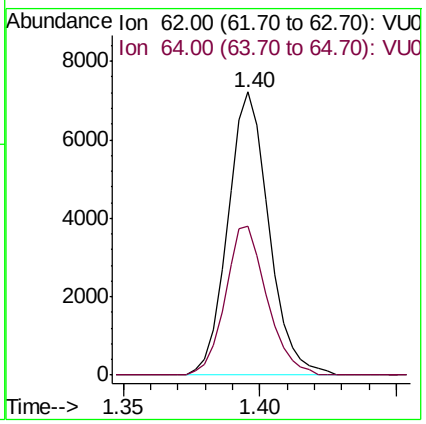


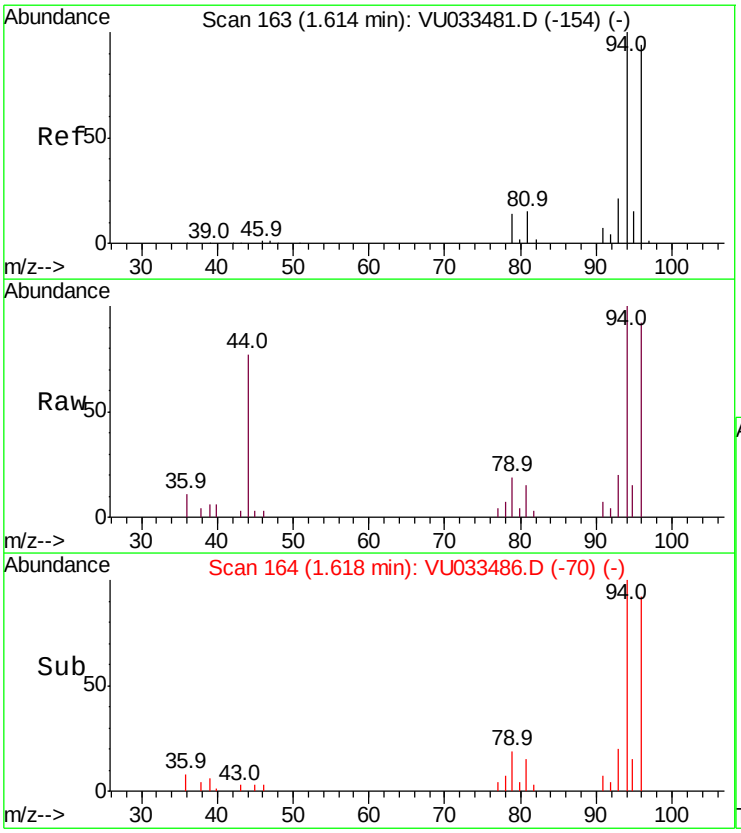
#5
Vinyl chloride
Concen: 2.322 ug/L
RT: 1.40 min Scan# 95
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 62 Resp: 7558

Ion	Ratio	Lower	Upper
62	100		
64	52.5	23.0	42.6#

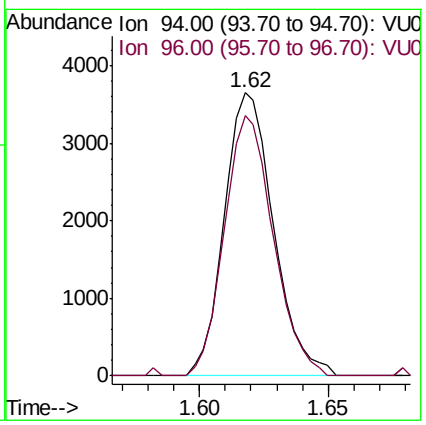


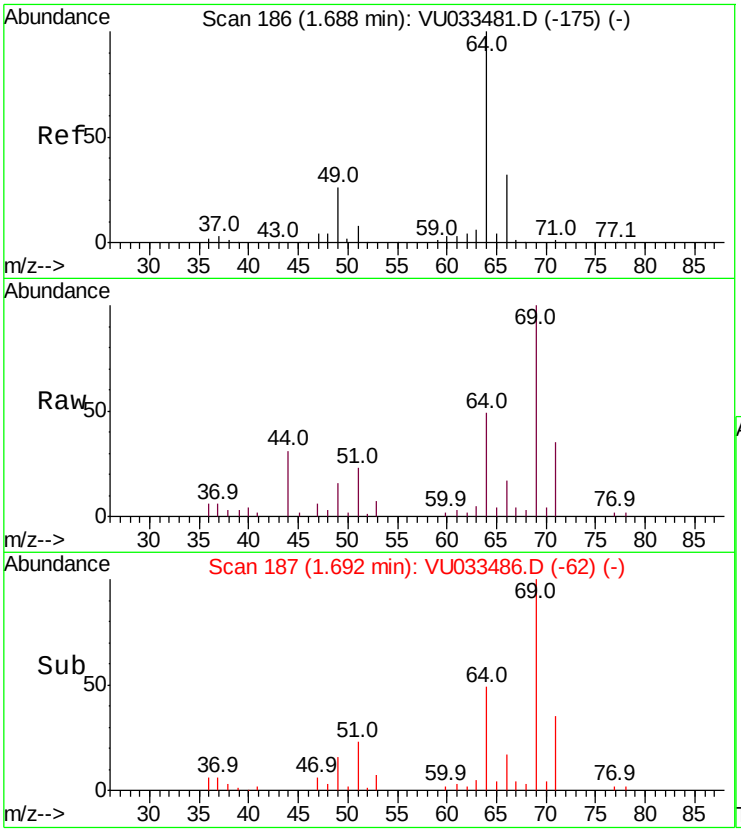


#6
Bromomethane
Concen: 2.130 ug/L
RT: 1.62 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 94 Resp: 4845

Ion	Ratio	Lower	Upper
94	100		
96	91.9	66.2	123.0



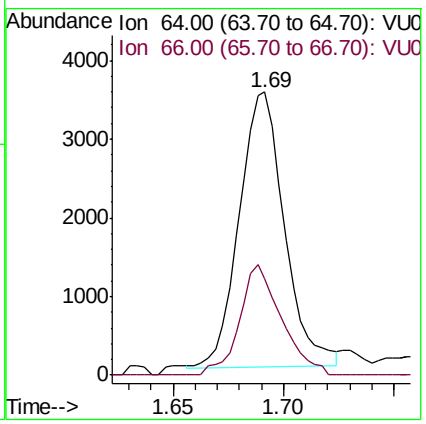


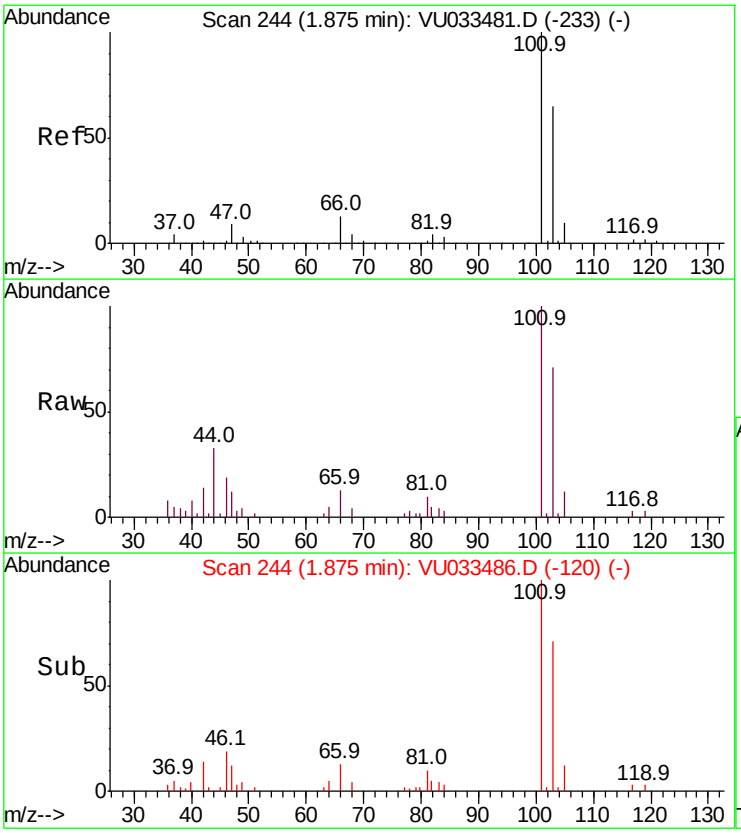
#8
Chloroethane
Concen: 2.502 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 64 Resp: 4997

Ion	Ratio	Lower	Upper
64	100		
66	34.0	22.1	41.1

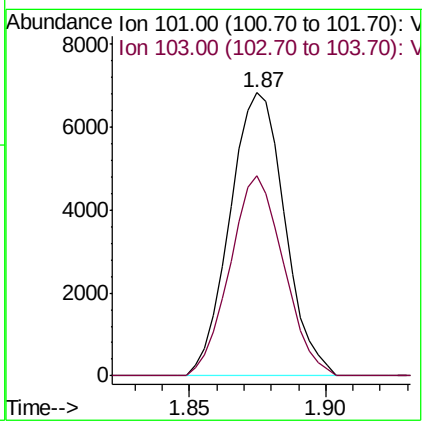


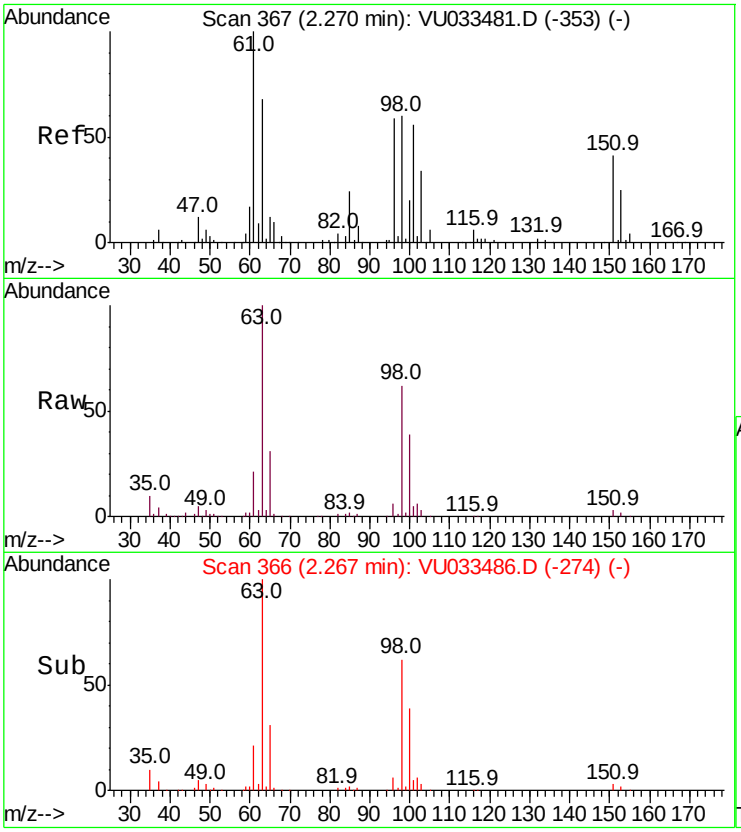


#9
Trichlorofluoromethane
Concen: 2.232 ug/L
RT: 1.87 min Scan# 244
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:101 Resp: 9528

Ion	Ratio	Lower	Upper
101	100		
103	69.2	51.2	76.8



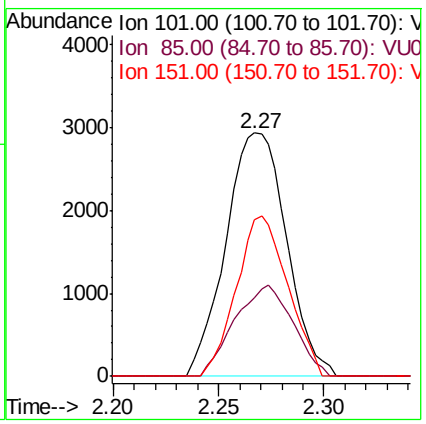


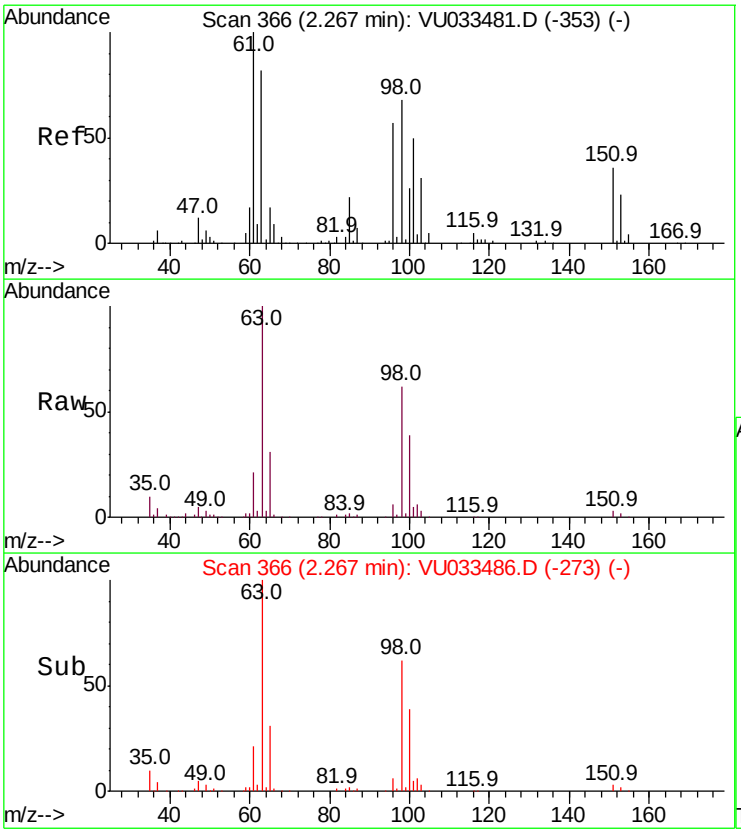
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.735 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 5869

Ion	Ratio	Lower	Upper
101	100		
85	36.1	35.8	53.8
151	55.9	58.6	87.8#

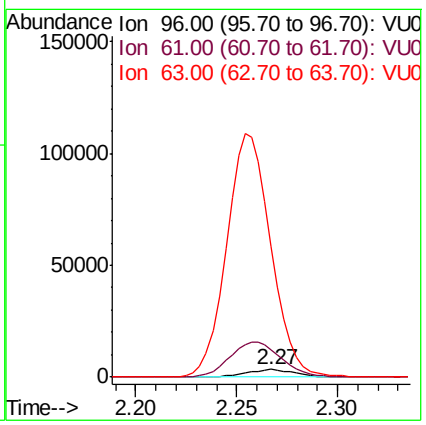


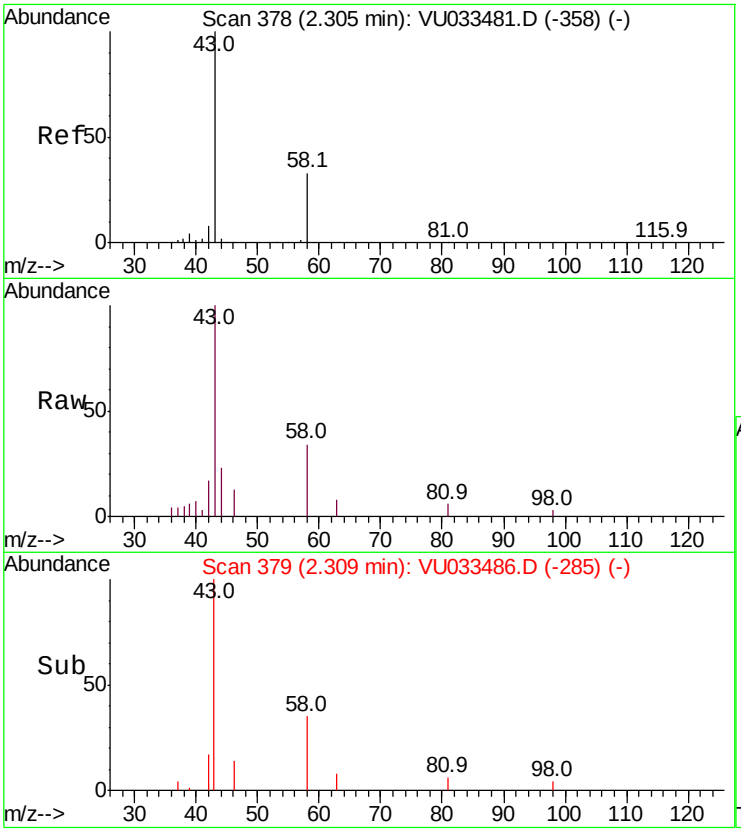


#12
1,1-Dichloroethene
Concen: 2.715 ug/L
RT: 2.27 min Scan# 366
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 96 Resp: 5676

Ion	Ratio	Lower	Upper
96	100		
61	363.7	124.1	230.5#
63	1723.7	101.8	189.2#



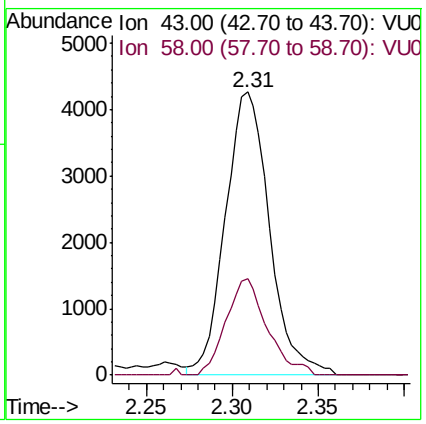


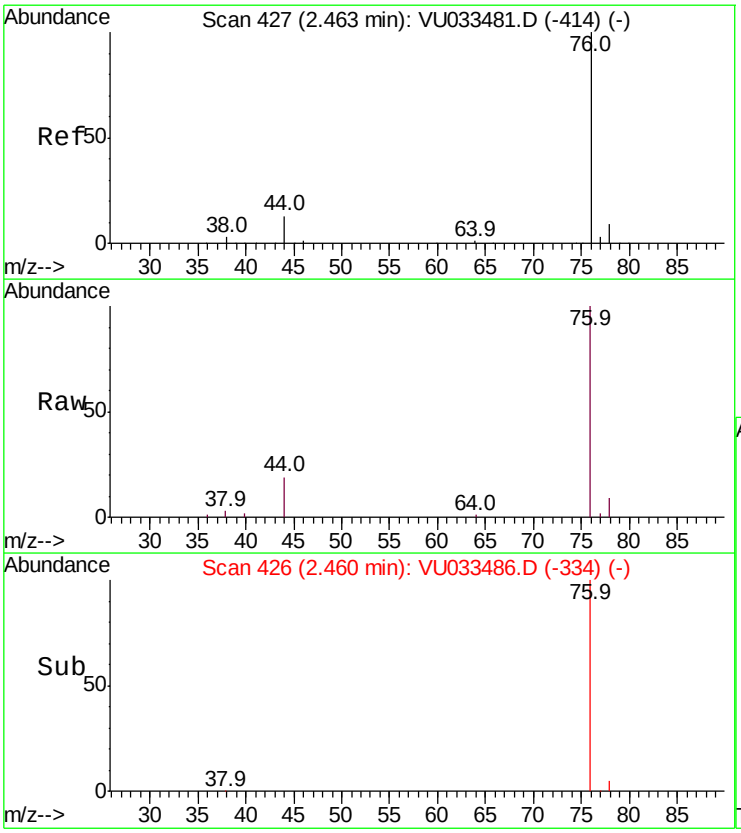
#13
Acetone
Concen: 5.167 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 43 Resp: 7614

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	67.4

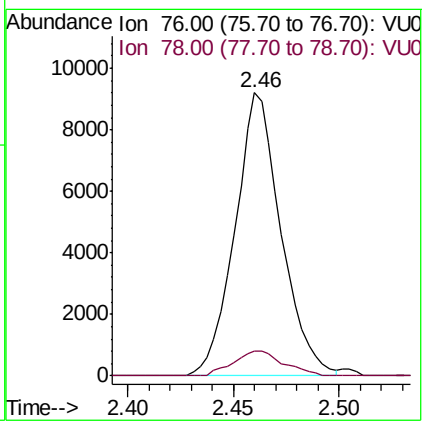


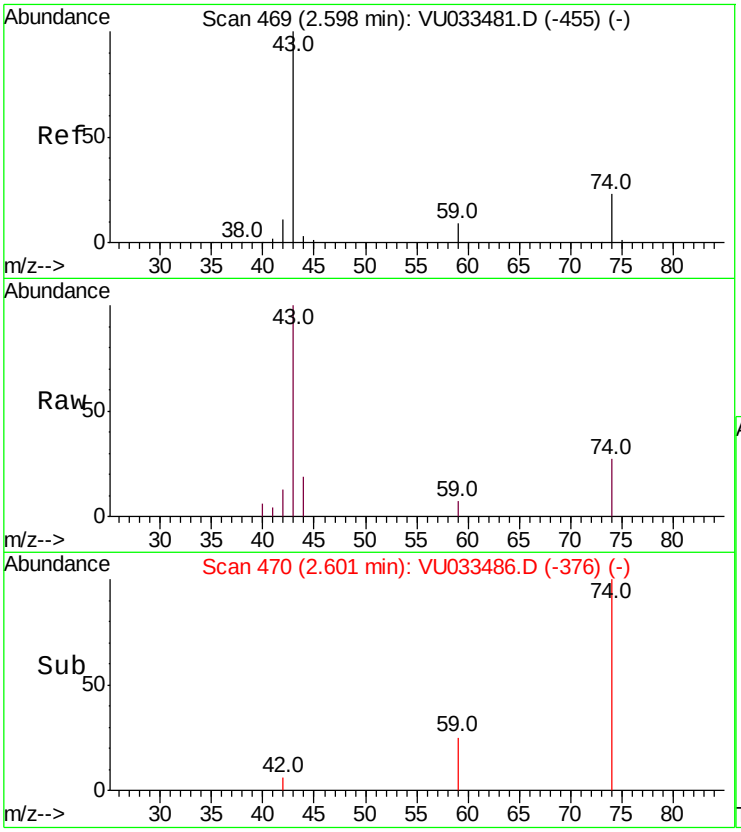


#14
Carbon disulfide
Concen: 2.237 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 76 Resp: 13934

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8



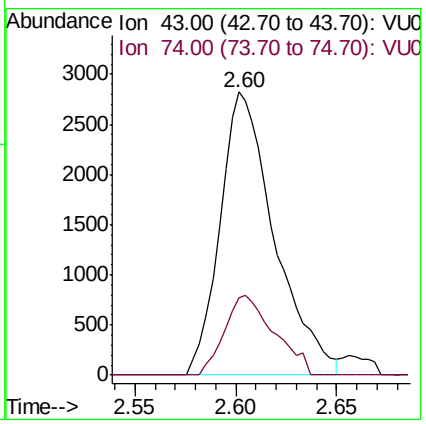


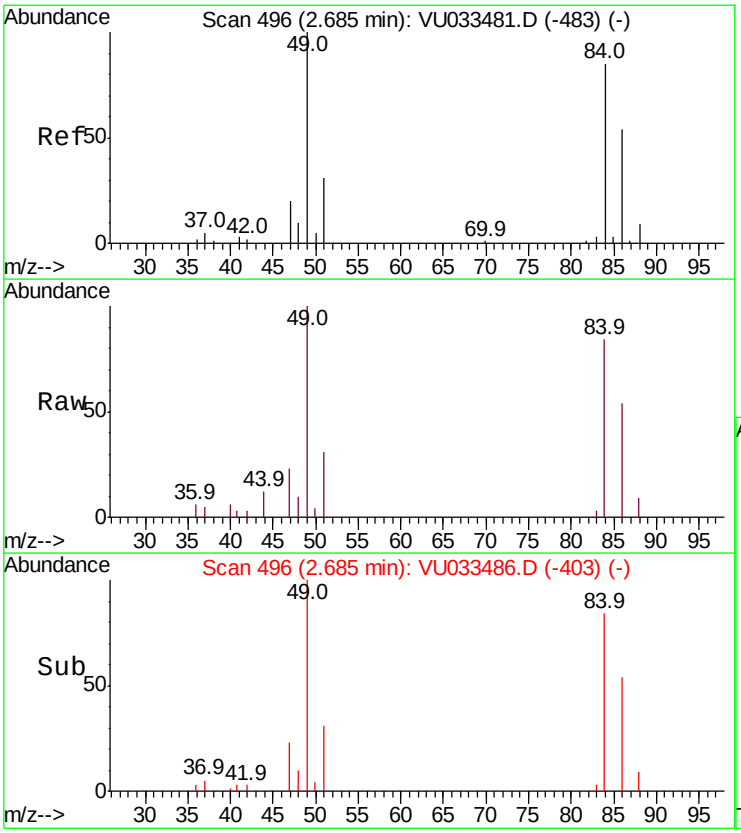
#15
Methyl Acetate
Concen: 2.249 ug/L
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 43 Resp: 5315

Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.5	30.7

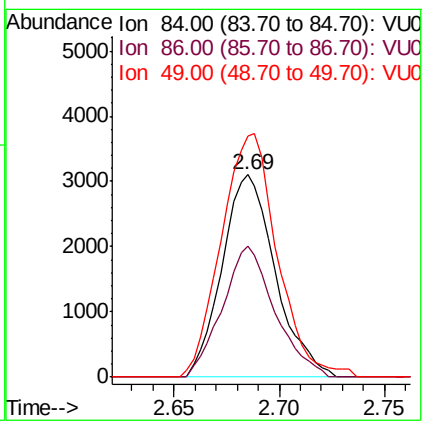


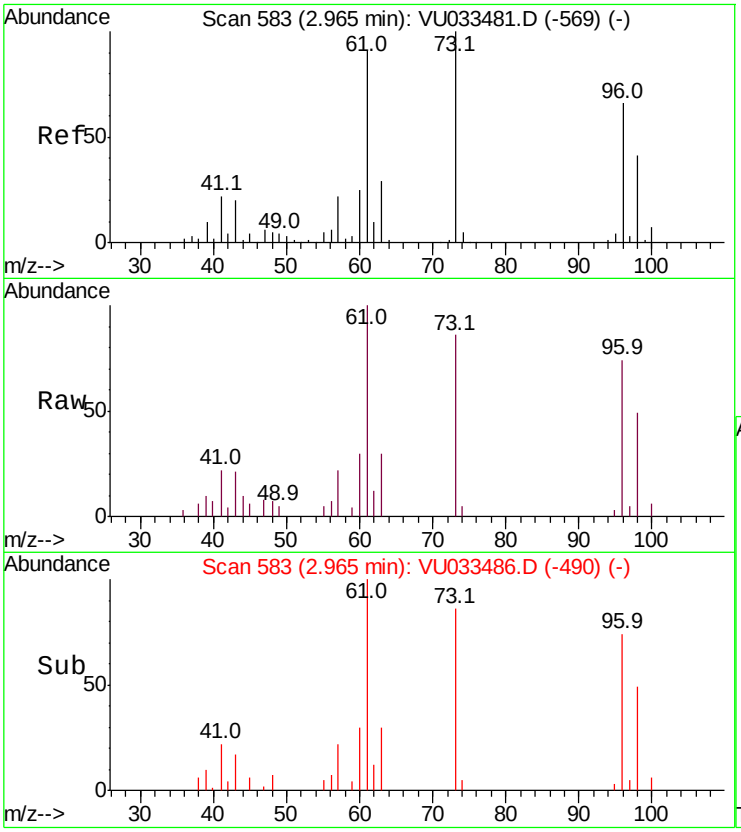


#16
Methylene chloride
Concen: 2.366 ug/L
RT: 2.69 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 84 Resp: 5435

Ion	Ratio	Lower	Upper
84	100		
86	64.4	44.2	82.0
49	118.9	82.3	152.8



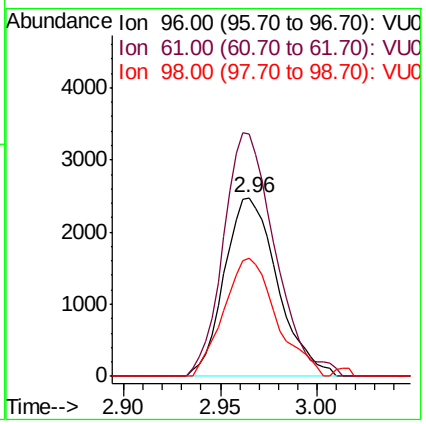


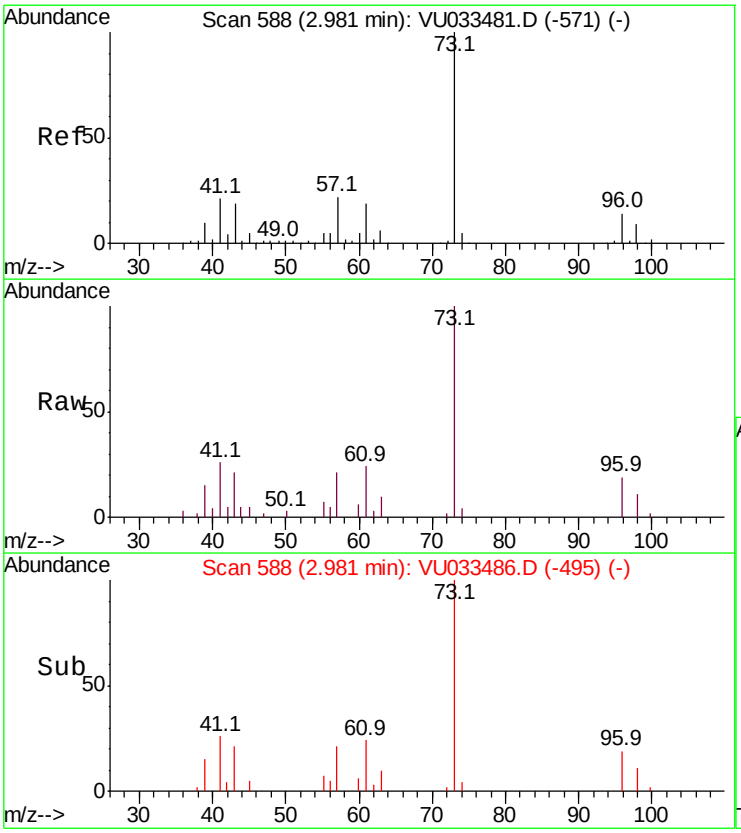
#17
trans-1,2-Dichloroethene
Concen: 2.284 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 96 Resp: 4743

Ion	Ratio	Lower	Upper
96	100		
61	135.4	100.3	186.3
98	66.3	45.1	83.9

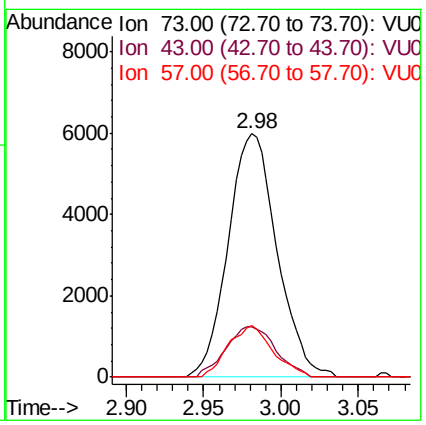


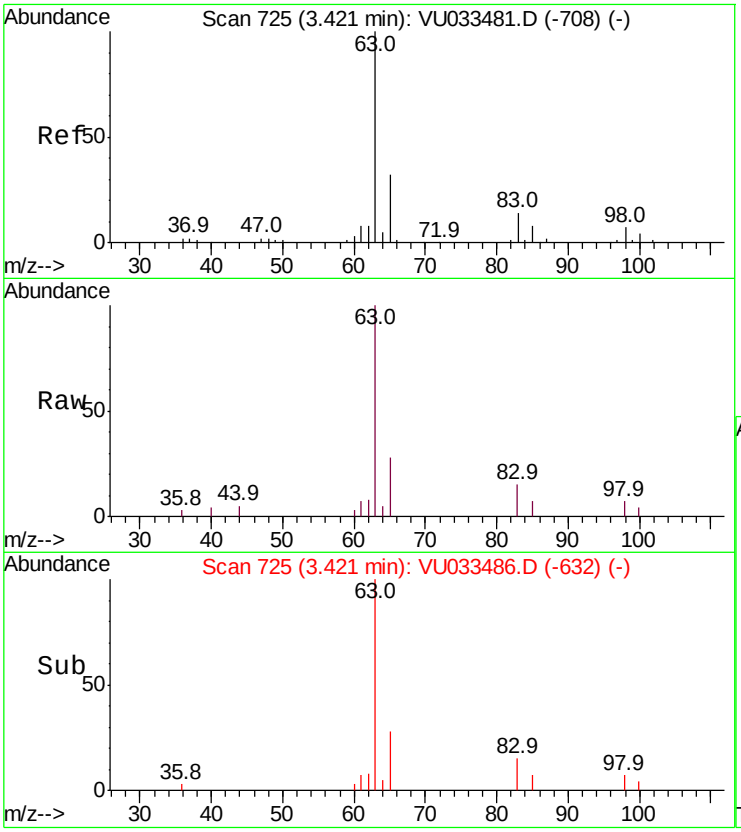


#18
Methyl tert-butyl Ether
Concen: 2.147 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 73 Resp: 13156

Ion	Ratio	Lower	Upper
73	100		
43	21.2	15.3	22.9
57	19.2	17.7	26.5



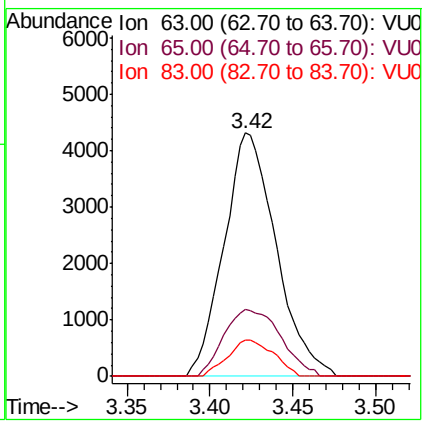


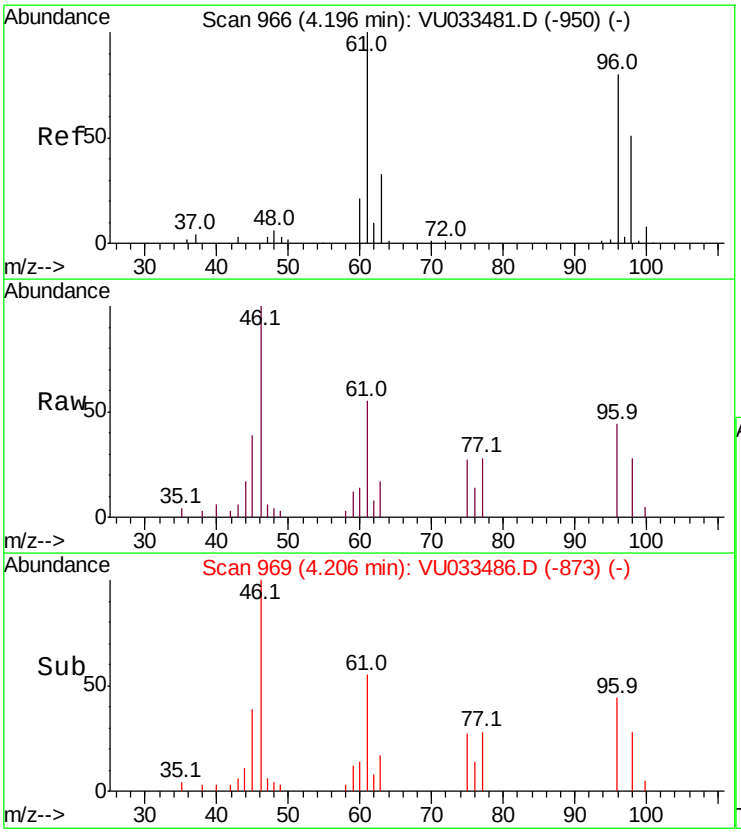
#19
1,1-Dichloroethane
Concen: 2.414 ug/L
RT: 3.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 9439

Ion	Ratio	Lower	Upper
63	100		
65	27.5	22.7	42.1
83	14.9	9.4	17.6

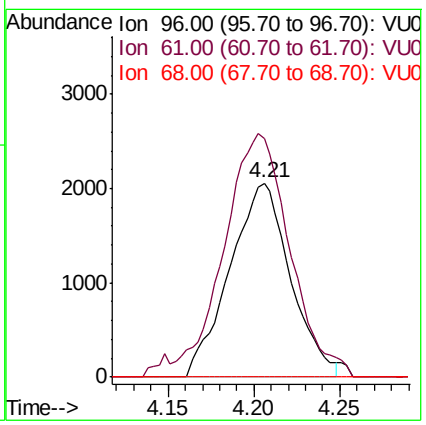


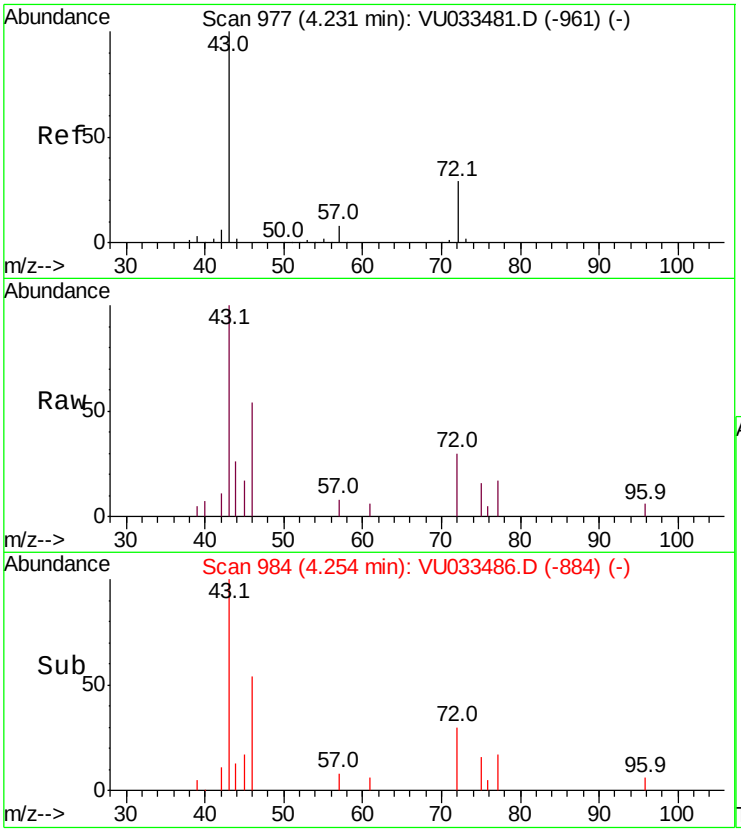


#20
cis-1,2-Dichloroethene
Concen: 2.198 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 96 Resp: 5037

Ion	Ratio	Lower	Upper
96	100		
61	123.0	88.9	165.1
68	0.0	0.0	0.0



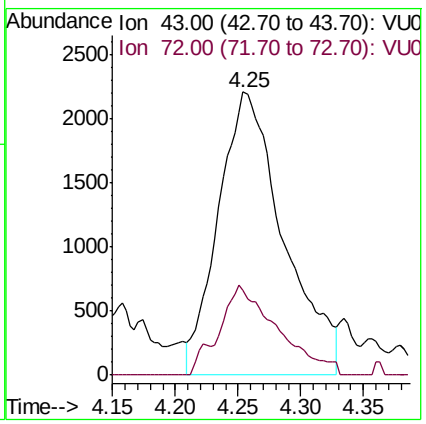


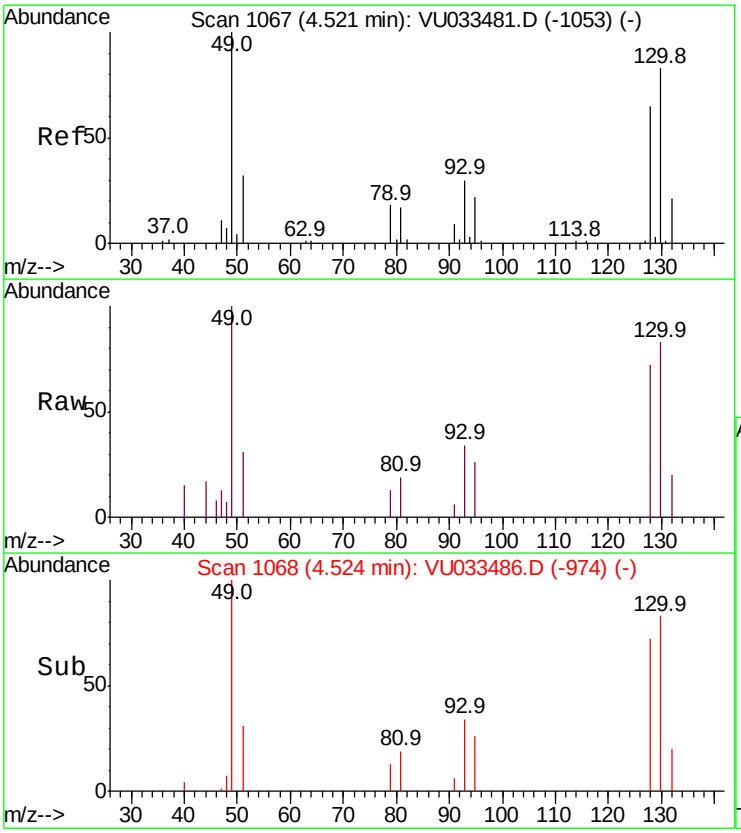
#22
2-Butanone
Concen: 4.579 ug/L
RT: 4.25 min Scan# 984
Delta R.T. 0.02 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 8017

Ion	Ratio	Lower	Upper
43	100		
72	21.7	14.1	42.3

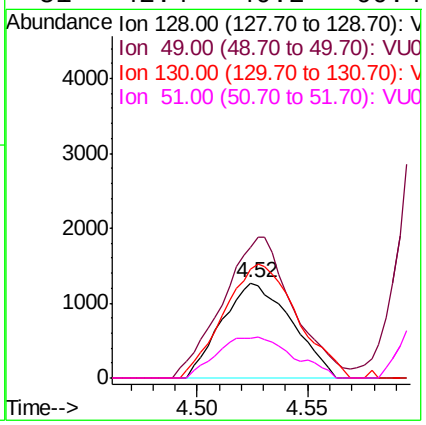


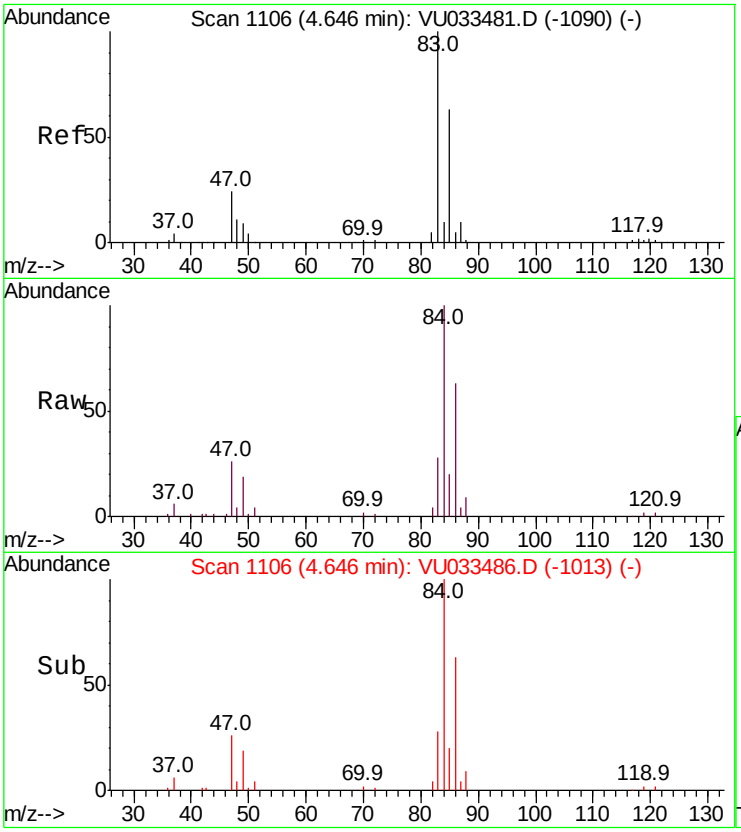


#23
Bromochloromethane
Concen: 2.289 ug/L
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:128 Resp: 2787

Ion	Ratio	Lower	Upper
128	100		
49	138.3	108.0	200.6
130	114.6	92.9	172.5
51	42.4	40.2	60.4



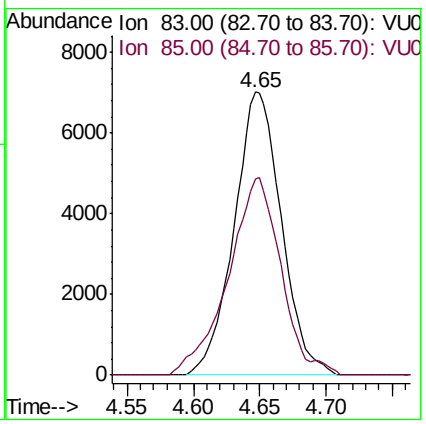


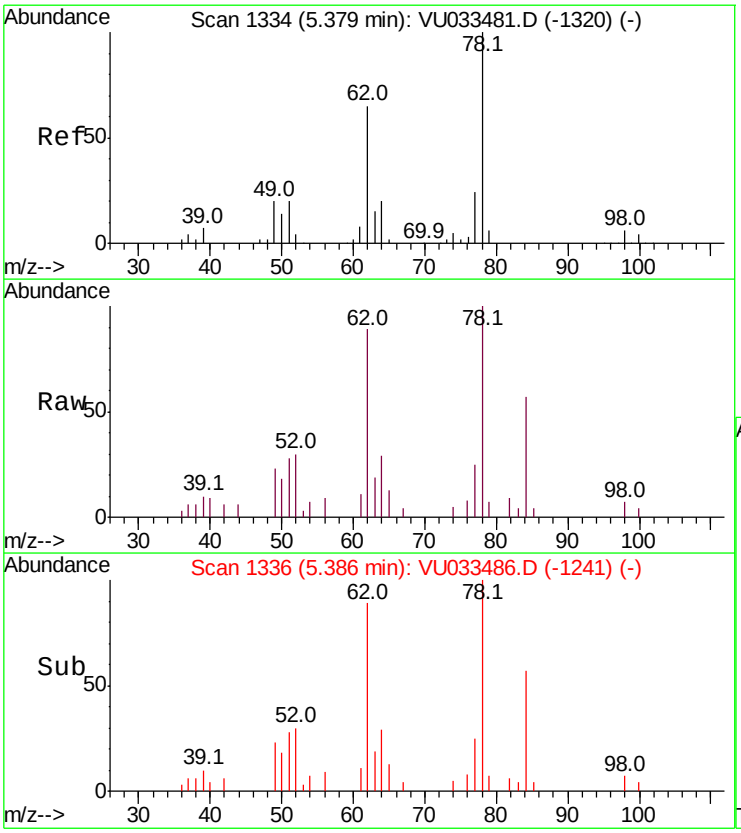
#25
Chloroform
Concen: 4.207 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 17439

Ion	Ratio	Lower	Upper
83	100		
85	69.5	45.6	84.8

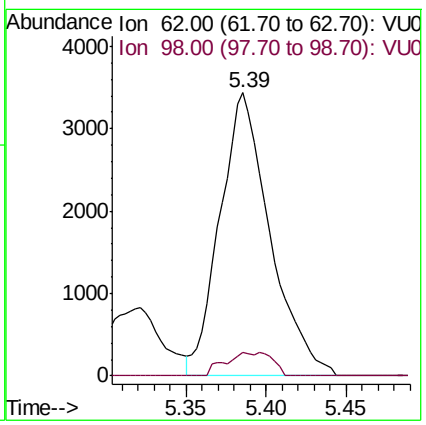


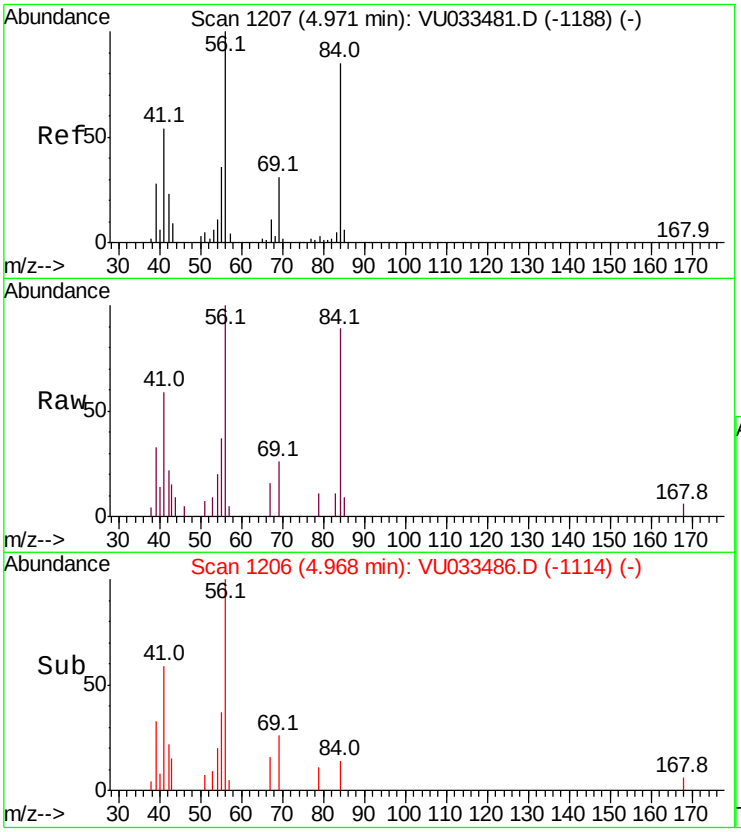


#27
1,2-Dichloroethane
Concen: 2.297 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 62 Resp: 7395

Ion	Ratio	Lower	Upper
62	100		
98	8.1	6.7	10.1



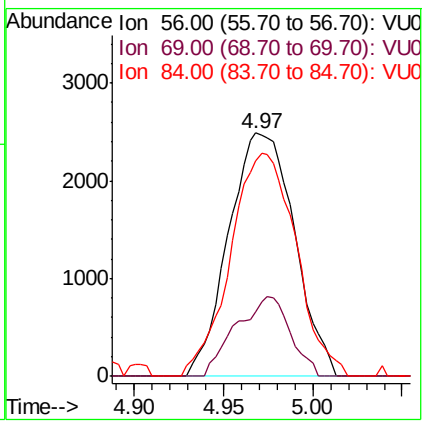


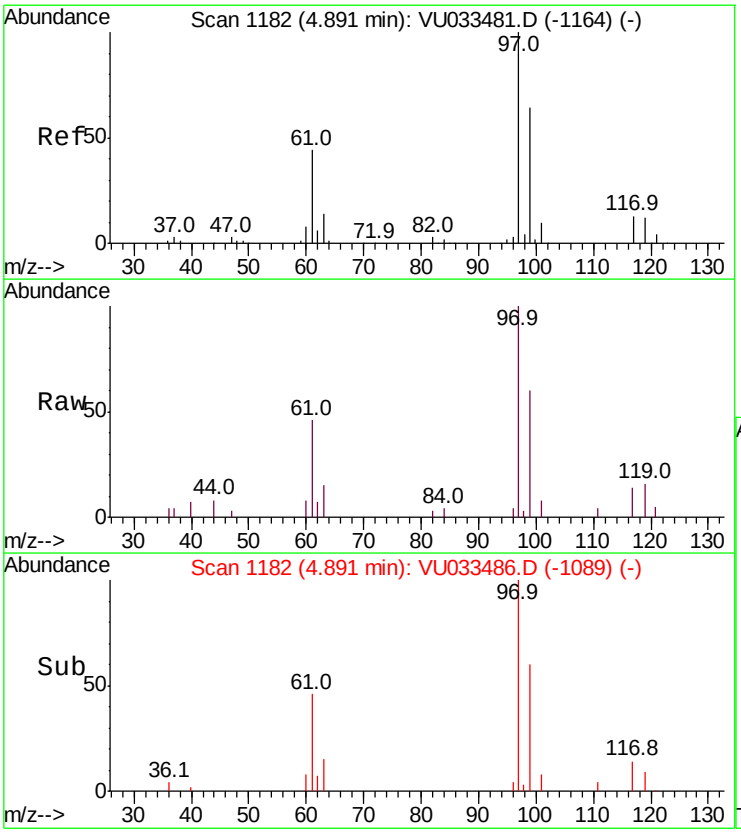
#29
Cyclohexane
Concen: 1.940 ug/L
RT: 4.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 56 Resp: 6375

Ion	Ratio	Lower	Upper
56	100		
69	17.2	25.3	37.9#
84	91.5	69.6	104.4

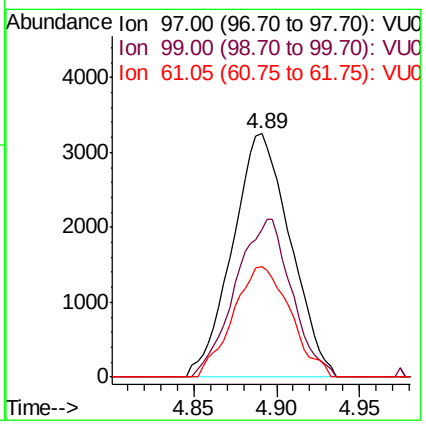


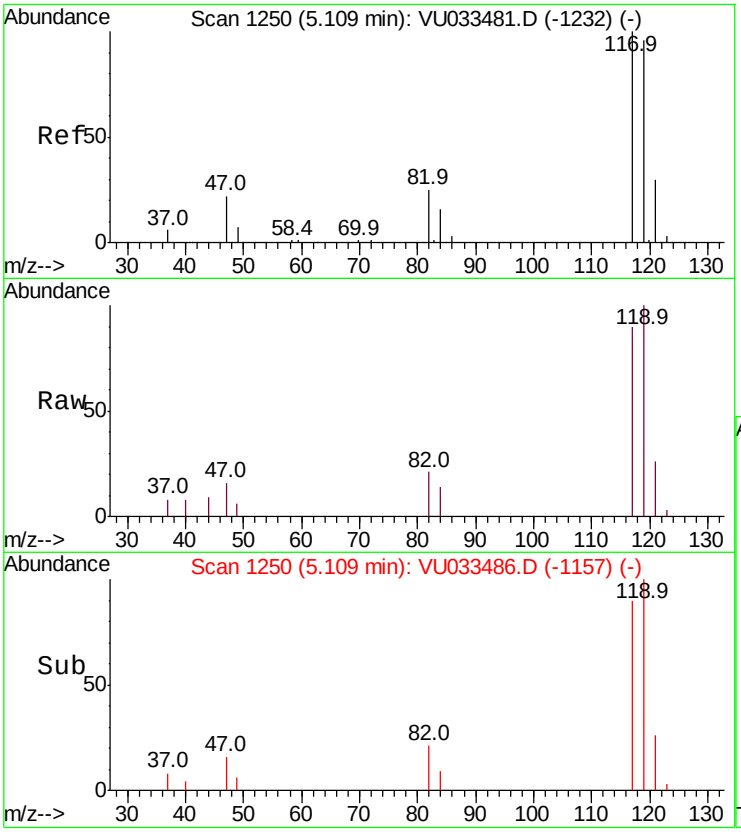


#30
1,1,1-Trichloroethane
Concen: 2.213 ug/L
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 97 Resp: 7885

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.8	77.6
61	45.2	36.2	54.2



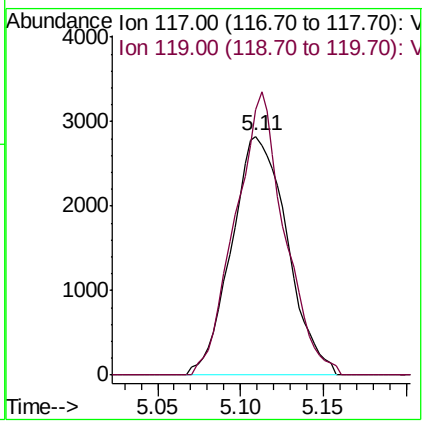


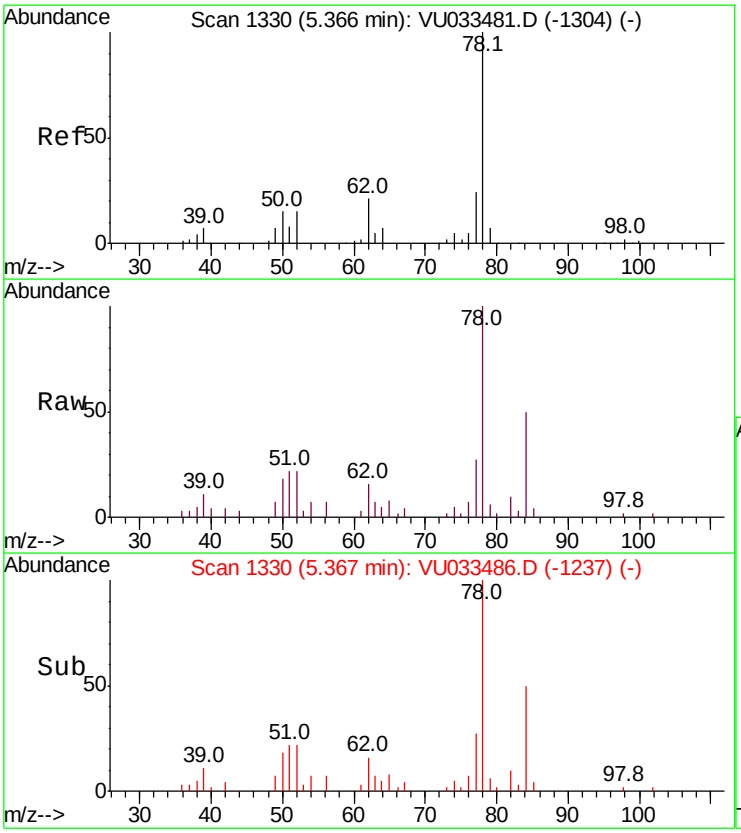
#31
Carbon tetrachloride
Concen: 2.080 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:117 Resp: 6597

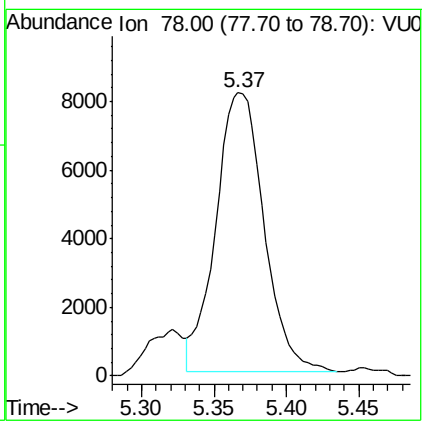
Ion	Ratio	Lower	Upper
117	100		
119	104.9	76.8	115.2

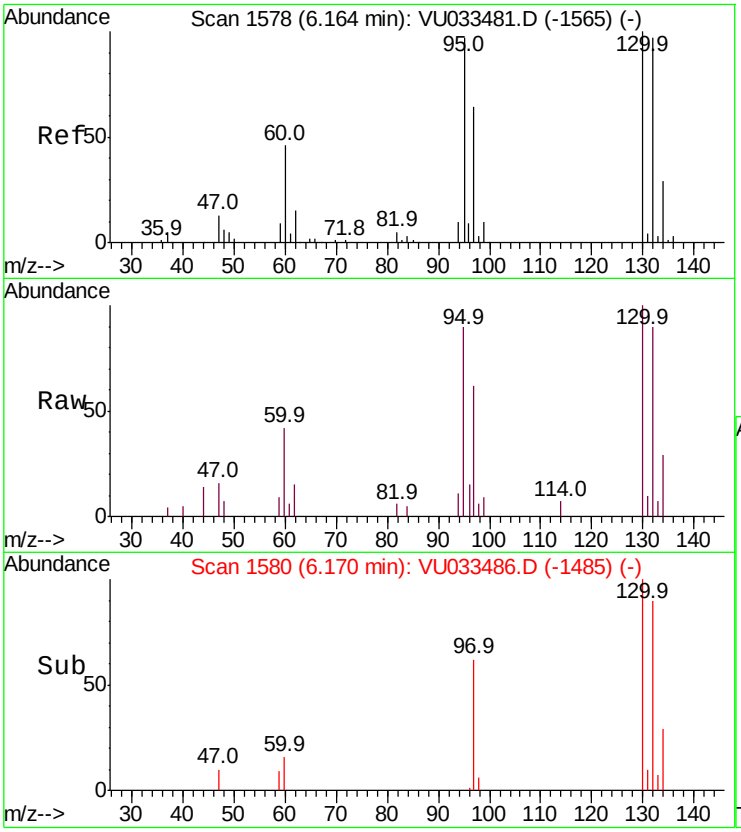




#33
Benzene
Concen: 2.095 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 78 Resp: 18731



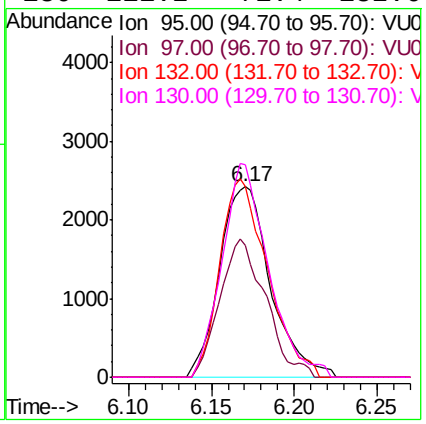


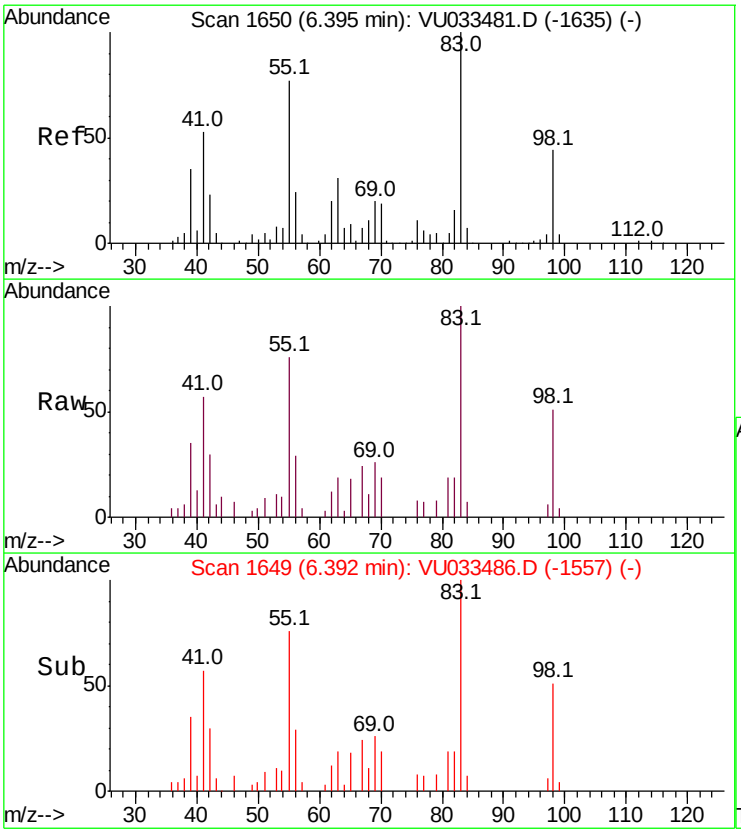
#34
Trichloroethene
Concen: 2.226 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 95 Resp: 5186

Ion	Ratio	Lower	Upper
95	100		
97	69.0	45.4	84.2
132	100.0	67.1	124.5
130	111.2	71.4	132.6

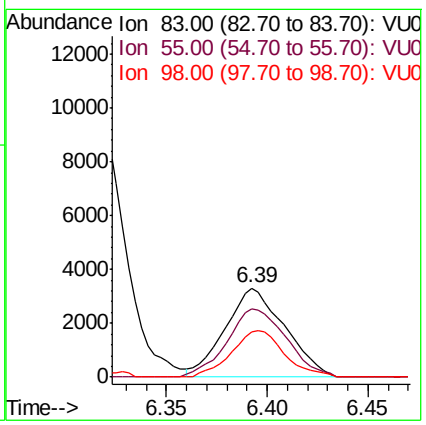


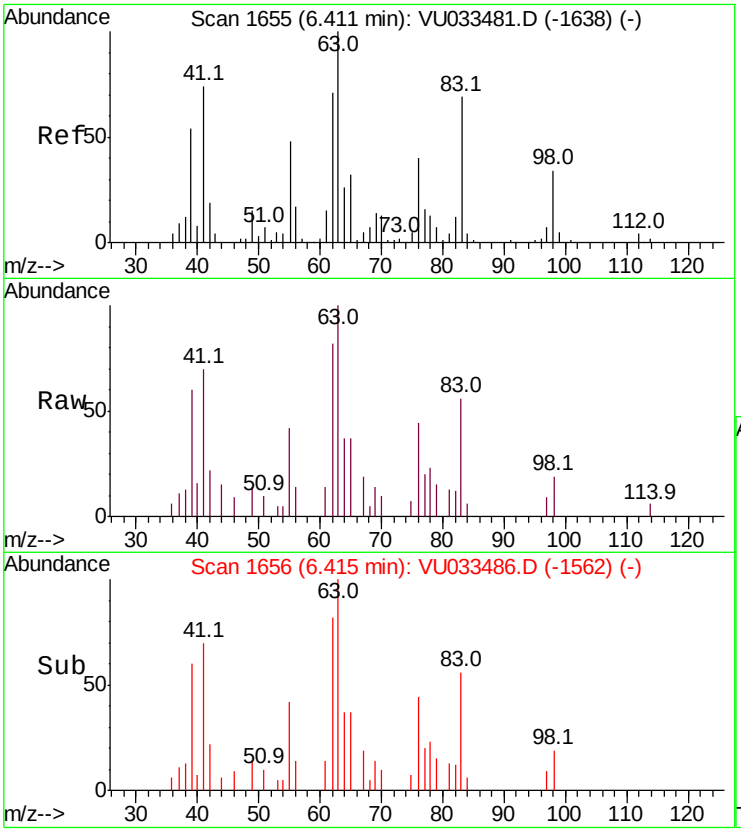


#35
Methylcyclohexane
Concen: 1.926 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 83 Resp: 6824

Ion	Ratio	Lower	Upper
83	100		
55	76.1	62.4	93.6
98	46.7	37.3	55.9



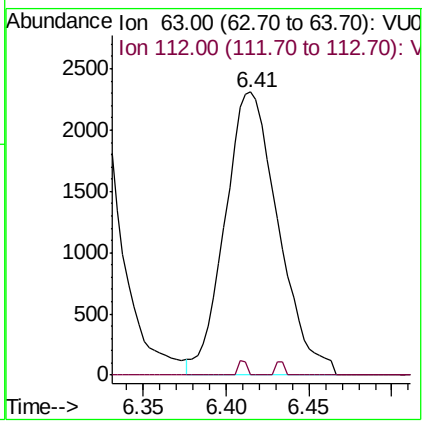


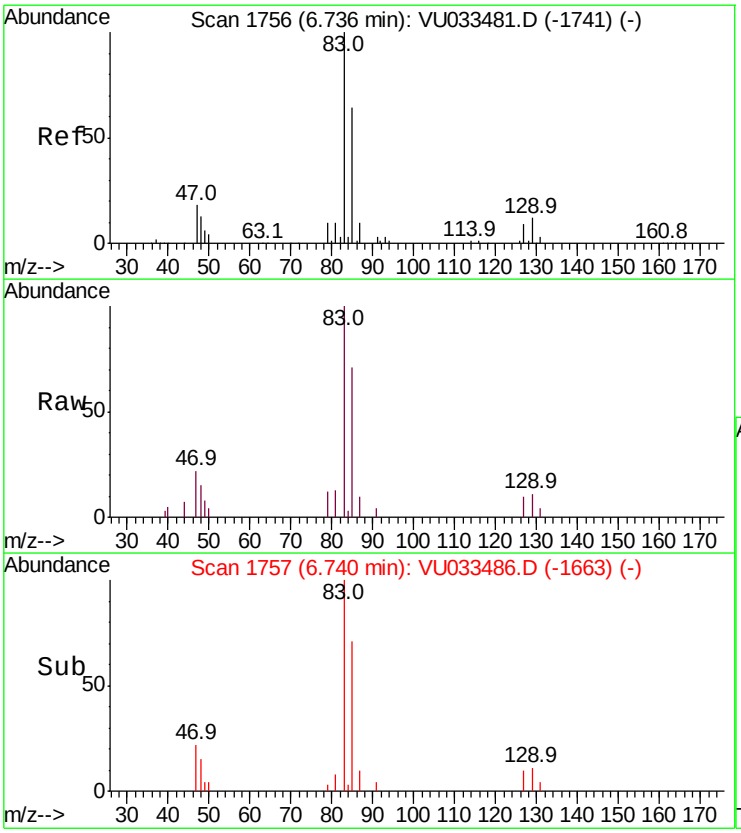
#37
1,2-Dichloropropane
Concen: 2.148 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 5165

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.1	4.7#

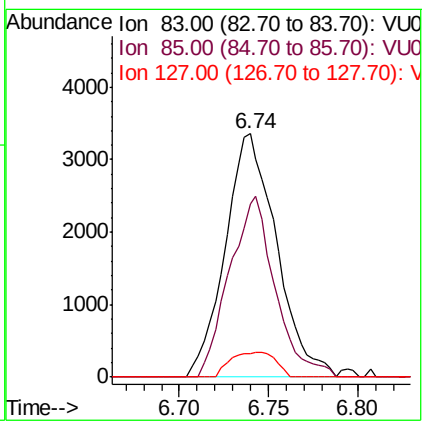


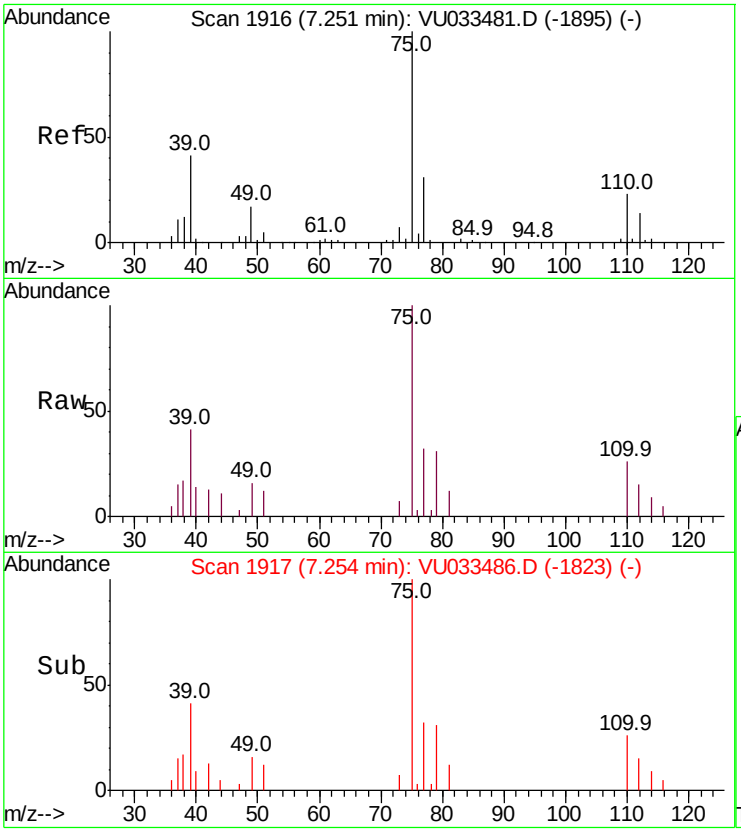


#38
Bromodichloromethane
Concen: 2.124 ug/L
RT: 6.74 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 83 Resp: 6724

Ion	Ratio	Lower	Upper
83	100		
85	71.1	45.4	84.4
127	9.7	7.3	10.9



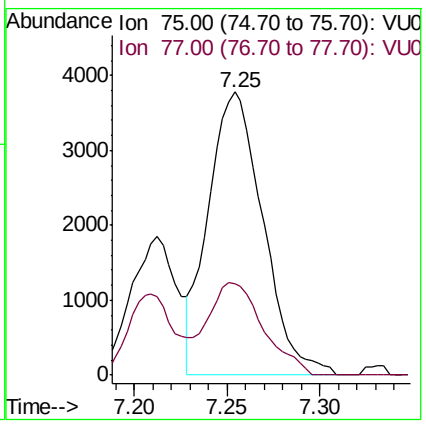


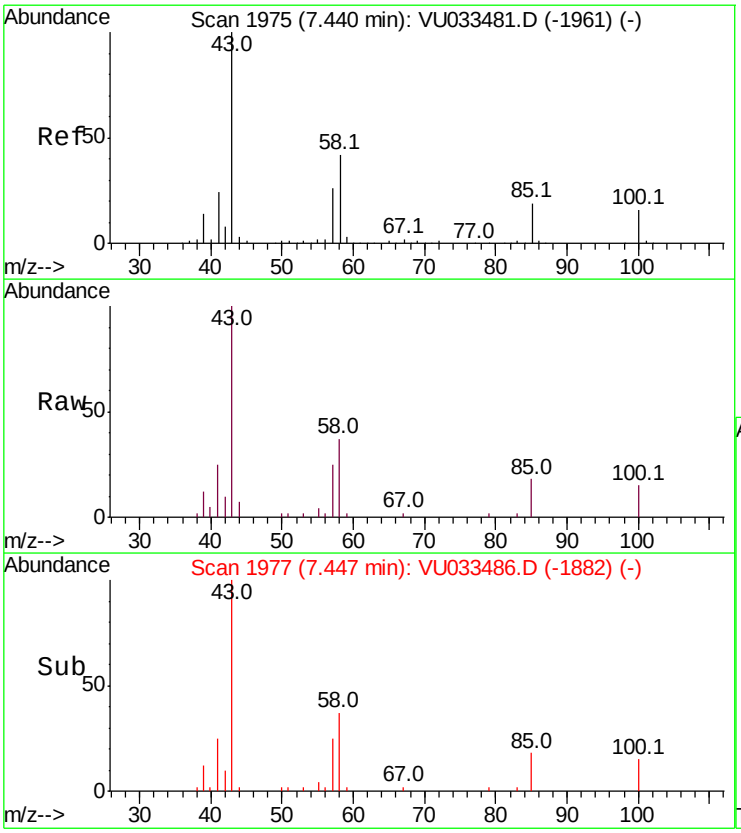
#39
cis-1,3-Dichloropropene
Concen: 2.162 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 7754

Ion	Ratio	Lower	Upper
75	100		
77	32.3	21.6	40.2

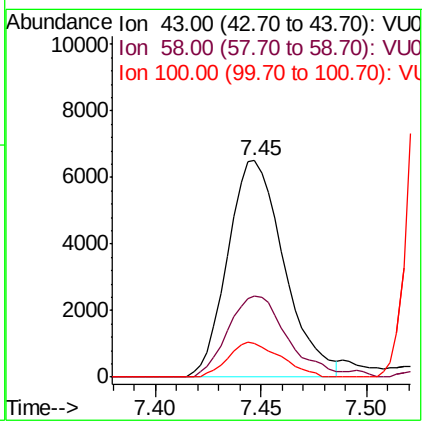


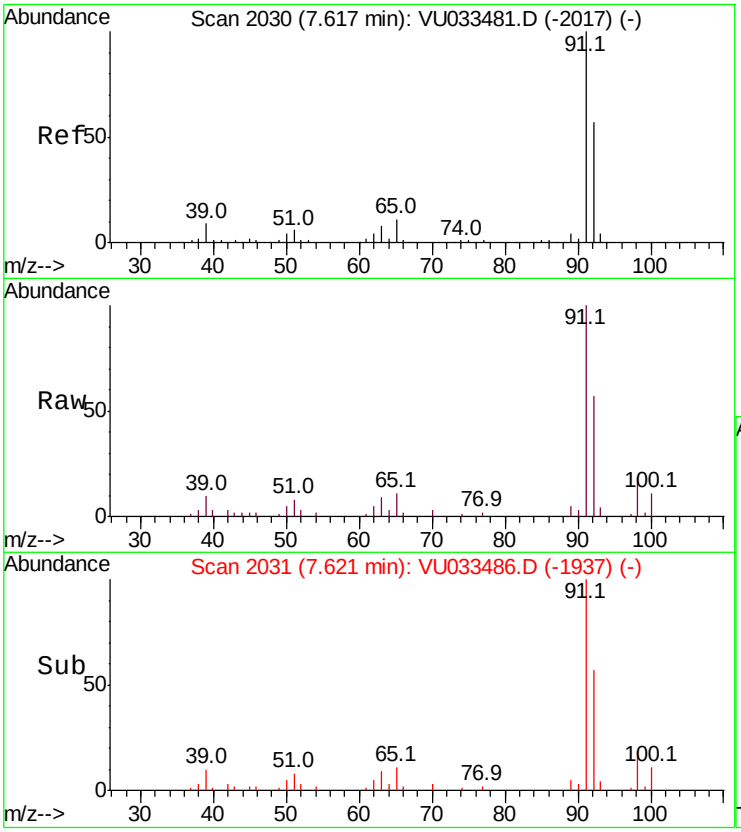


#40
4-Methyl-2-pentanone
Concen: 3.821 ug/L
RT: 7.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 43 Resp: 12111

Ion	Ratio	Lower	Upper
43	100		
58	39.3	33.4	50.2
100	14.9	12.3	18.5



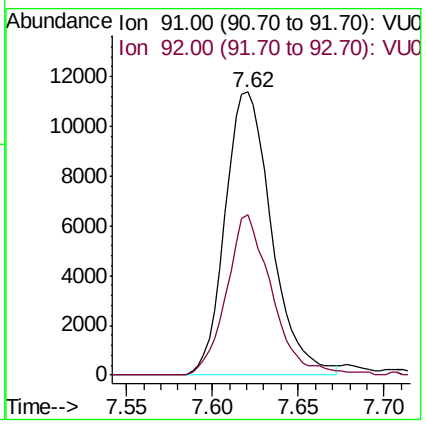


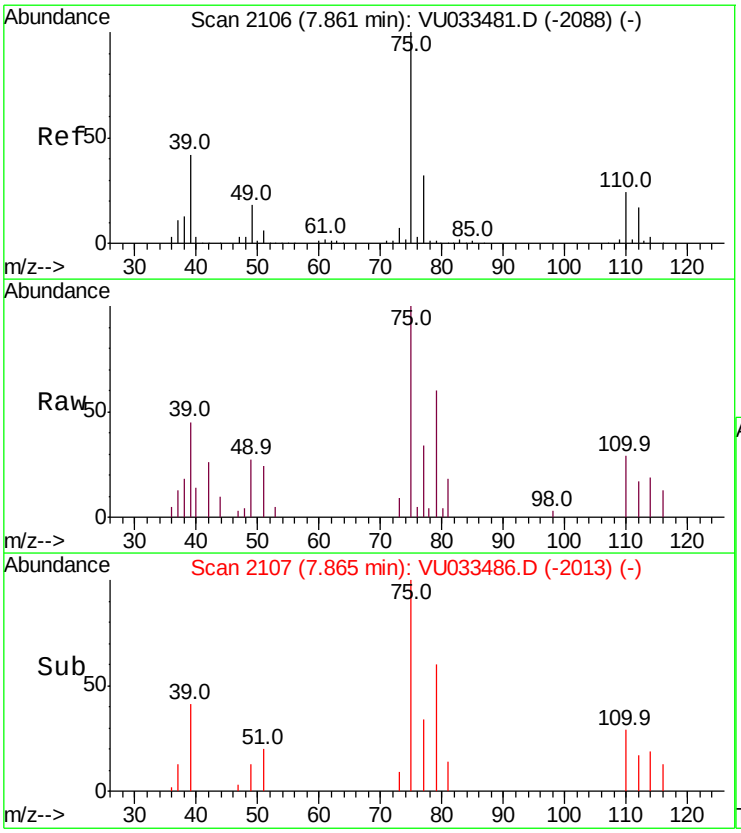
#42
Toluene
Concen: 2.227 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 91 Resp: 21427

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.1	74.5

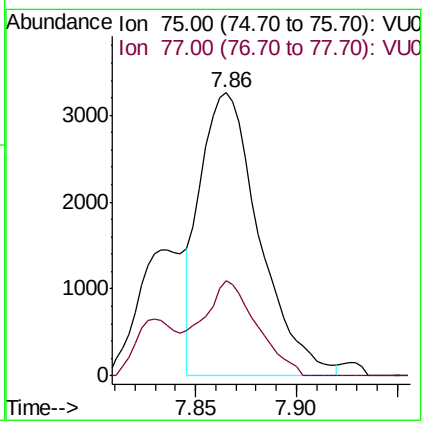


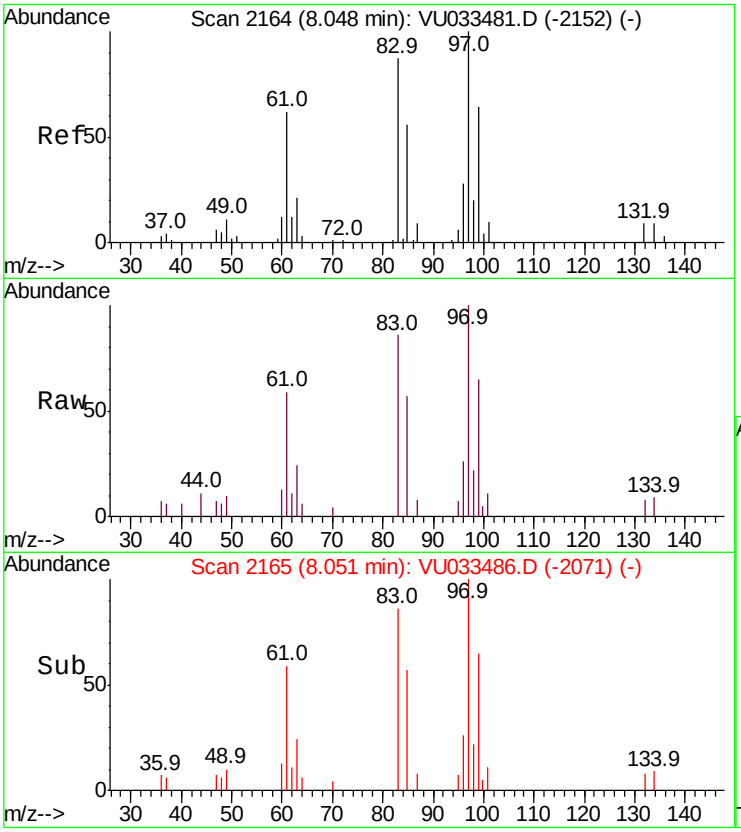


#44
trans-1,3-Dichloropropene
Concen: 2.033 ug/L
RT: 7.86 min Scan# 2107
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 75 Resp: 6618

Ion	Ratio	Lower	Upper
75	100		
77	33.6	22.3	41.5



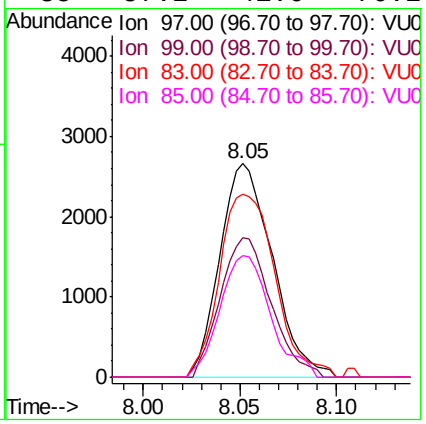


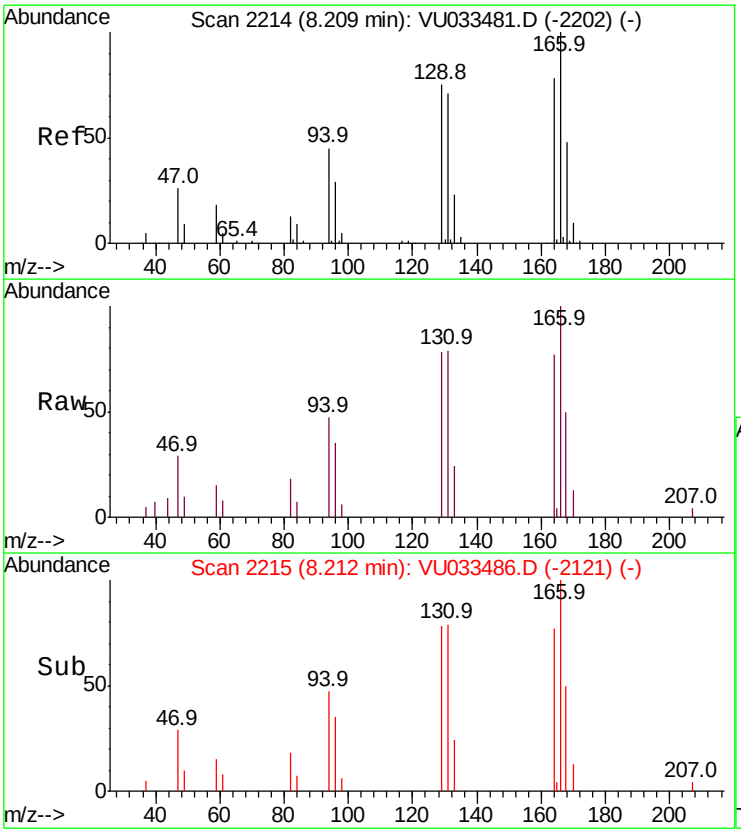
#45
1,1,2-Trichloroethane
Concen: 2.194 ug/L
RT: 8.05 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 97 Resp: 5033

Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.3	80.5
83	85.8	61.3	113.9
85	57.2	41.0	76.2

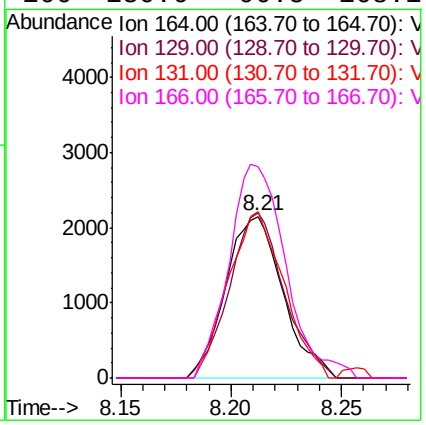


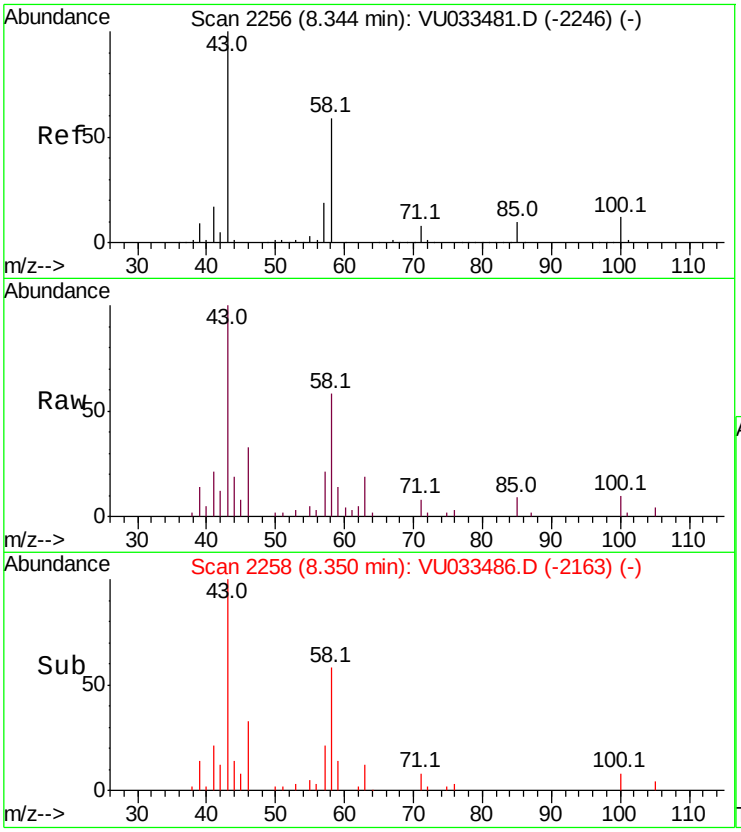


#46
Tetrachloroethene
Concen: 2.049 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:164 Resp: 3885

Ion	Ratio	Lower	Upper
164	100		
129	102.4	66.6	123.8
131	102.8	63.9	118.7
166	130.6	90.5	168.1



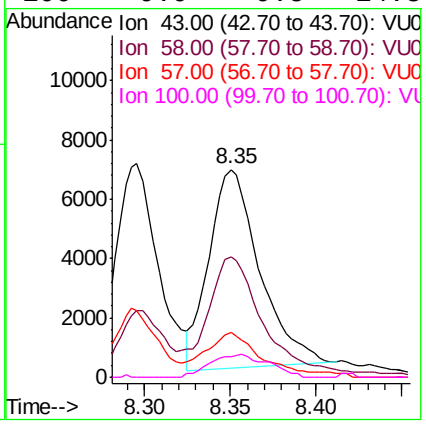


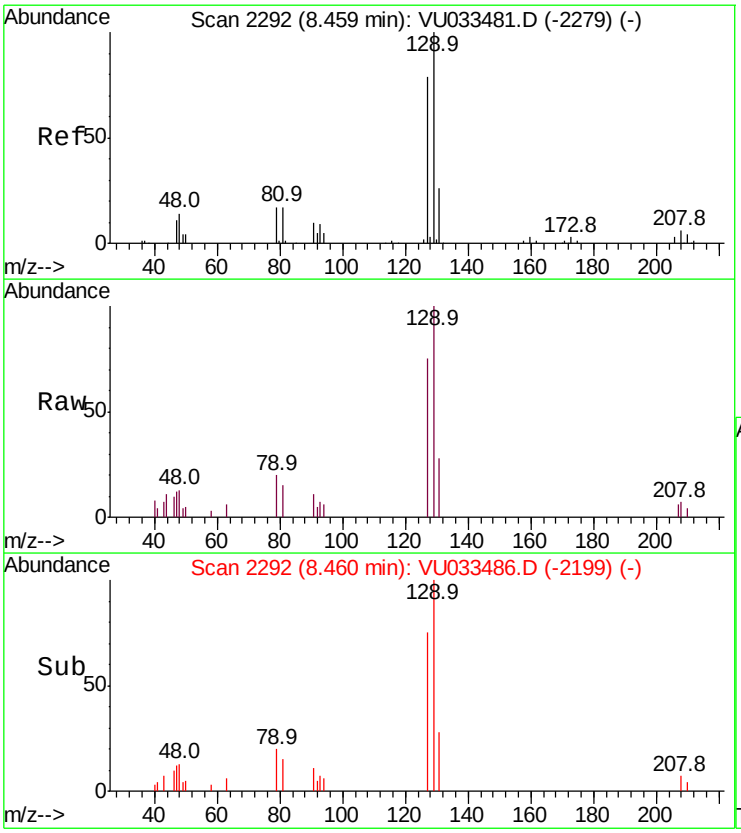
#48
2-Hexanone
Concen: 5.385 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 43 Resp: 13905

Ion	Ratio	Lower	Upper
43	100		
58	60.6	46.6	69.8
57	25.8	16.0	24.0#
100	9.9	9.5	14.3

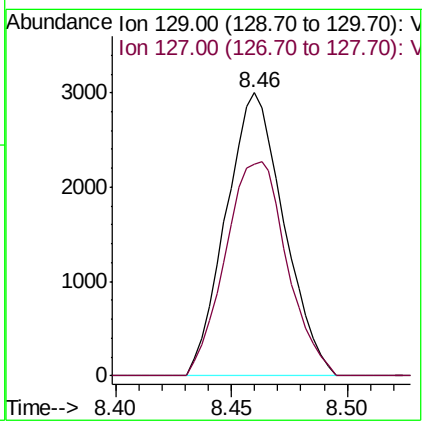


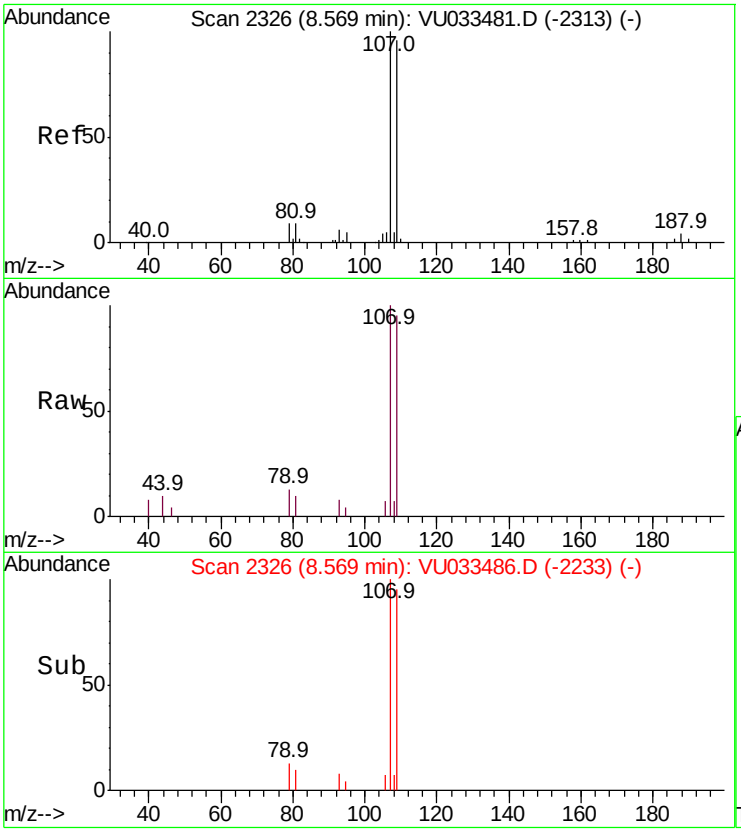


#49
Dibromochloromethane
Concen: 2.029 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:129 Resp: 5212

Ion	Ratio	Lower	Upper
129	100		
127	74.9	54.5	101.1



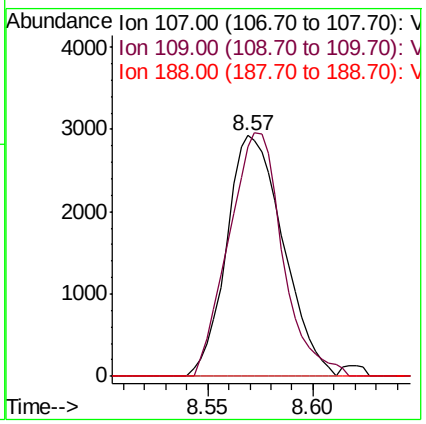


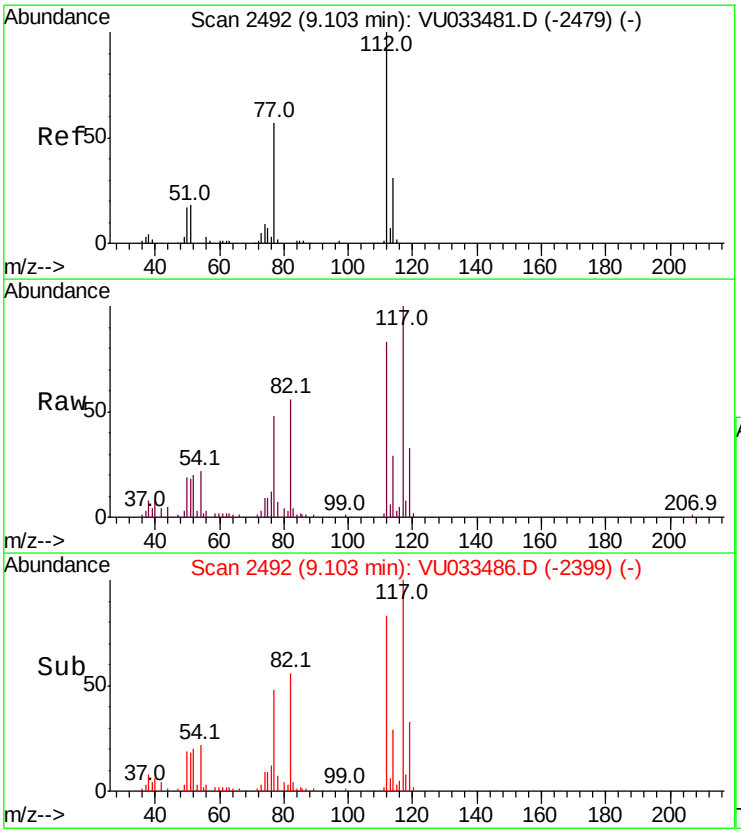
#50
1,2-Dibromoethane
Concen: 2.193 ug/L
RT: 8.57 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:107 Resp: 5458

Ion	Ratio	Lower	Upper
107	100		
109	95.1	64.7	120.1
188	0.0	2.8	4.2#

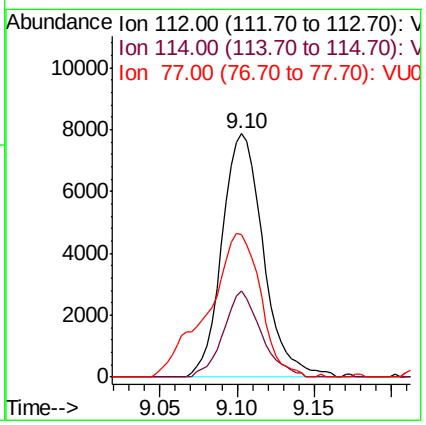


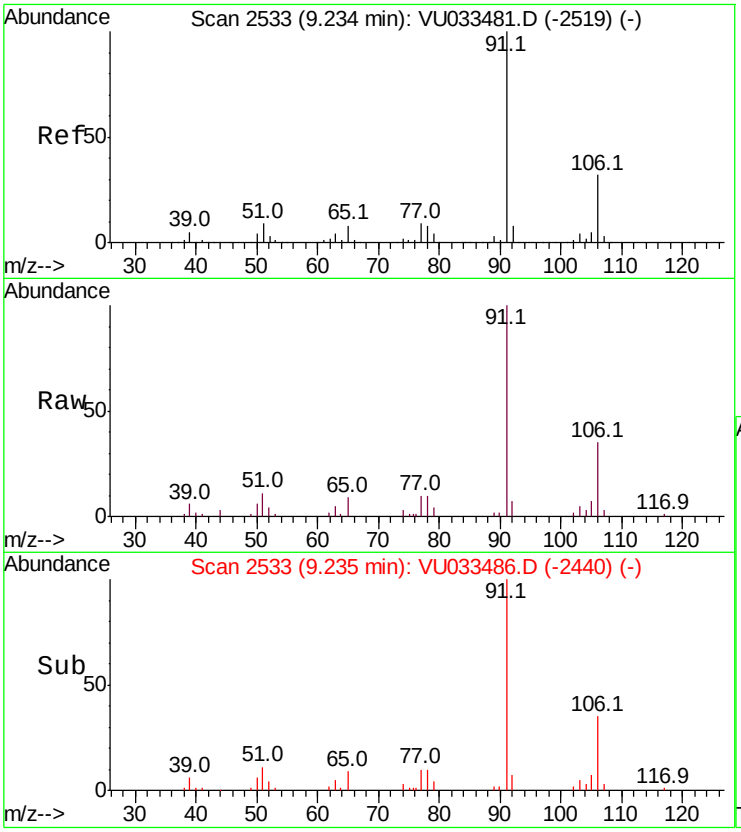


#51
Chlorobenzene
Concen: 2.281 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:112 Resp: 14583

Ion	Ratio	Lower	Upper
112	100		
114	35.2	21.9	40.7
77	58.3	46.1	69.1



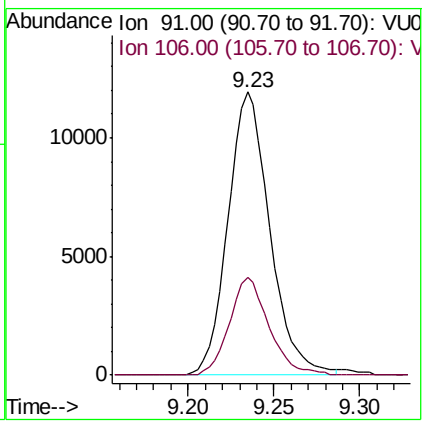


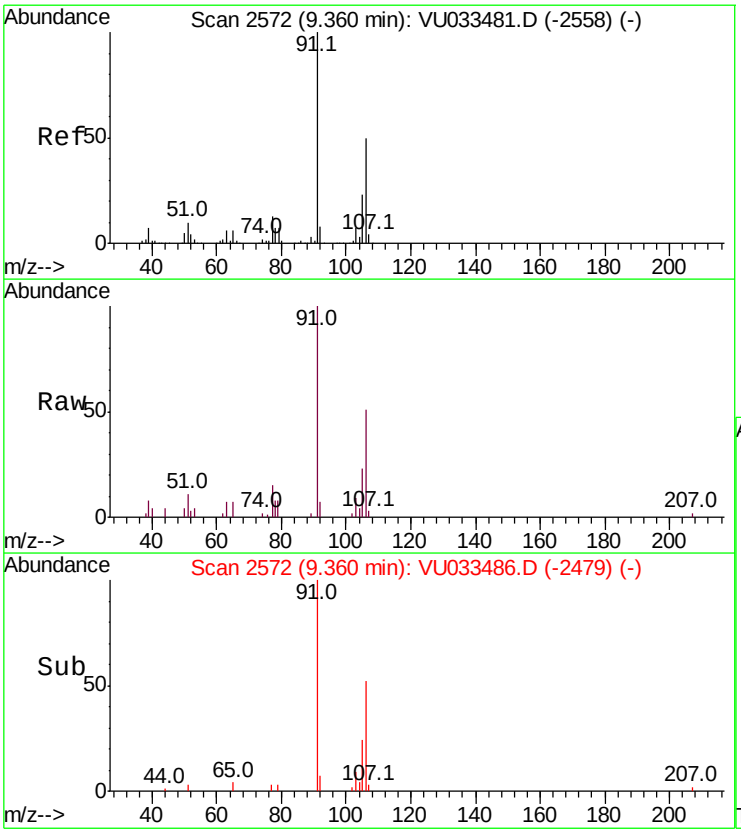
#52
Ethylbenzene
Concen: 1.934 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion: 91 Resp: 20173

Ion	Ratio	Lower	Upper
91	100		
106	34.8	21.6	40.2

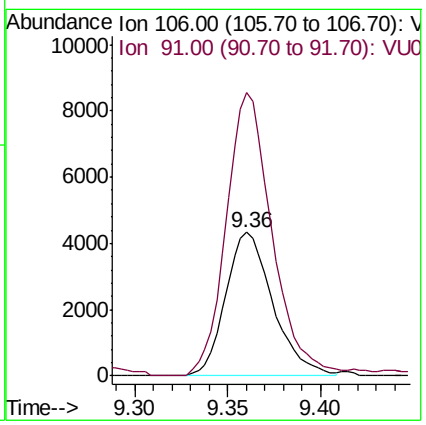


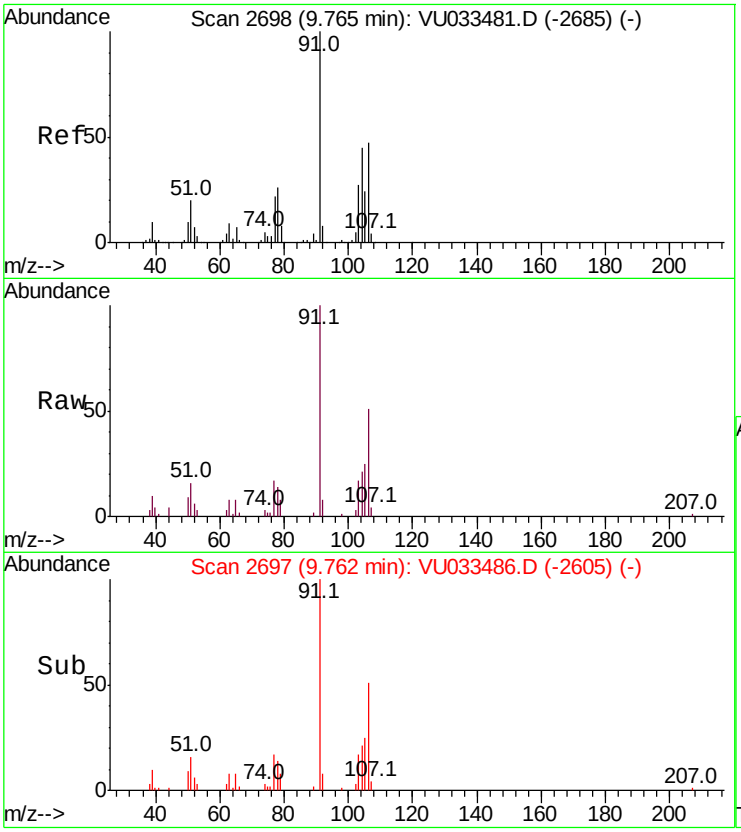


#53
m,p-Xylene
Concen: 1.962 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:106 Resp: 7698

Ion	Ratio	Lower	Upper
106	100		
91	196.9	140.7	261.3



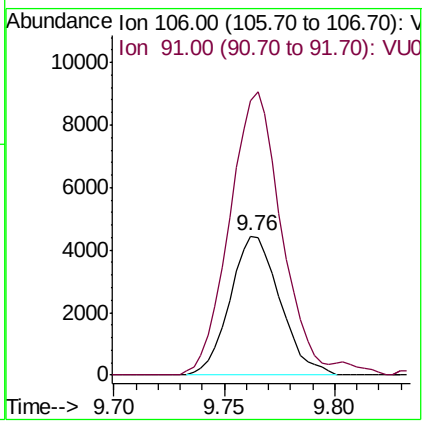


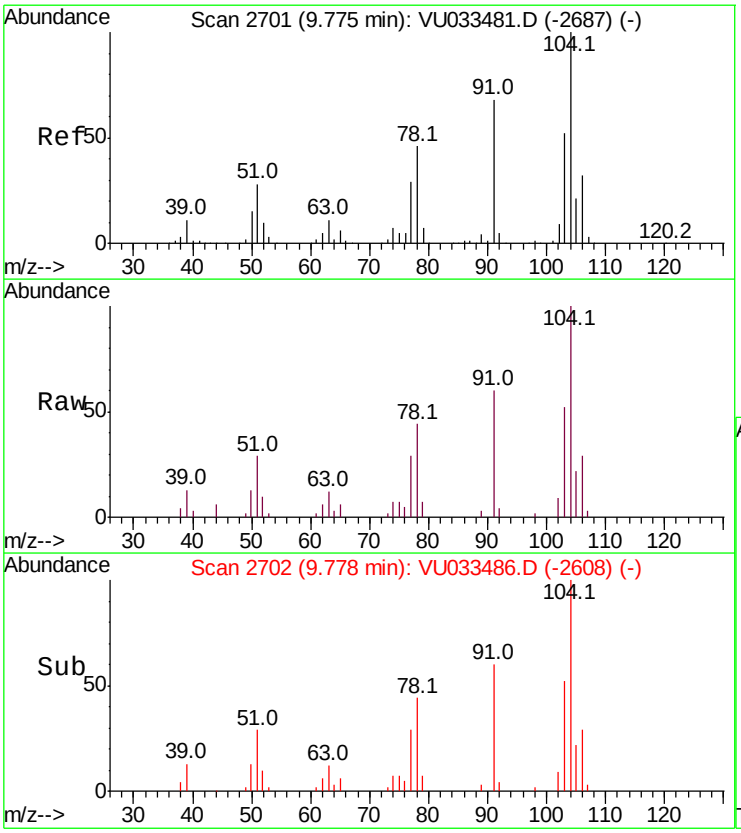
#54
o-xylene
Concen: 1.822 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument : MSVOA_U
ClientSampleId : MDL05

Tgt Ion:106 Resp: 7007

Ion	Ratio	Lower	Upper
106	100		
91	197.0	151.1	280.7

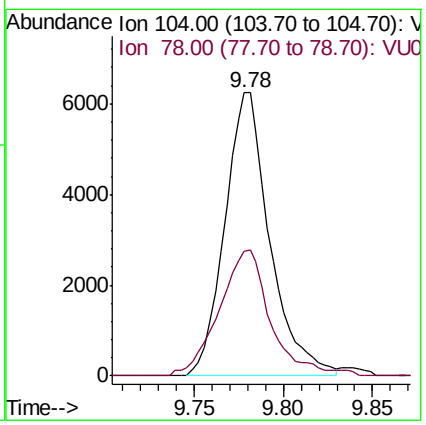


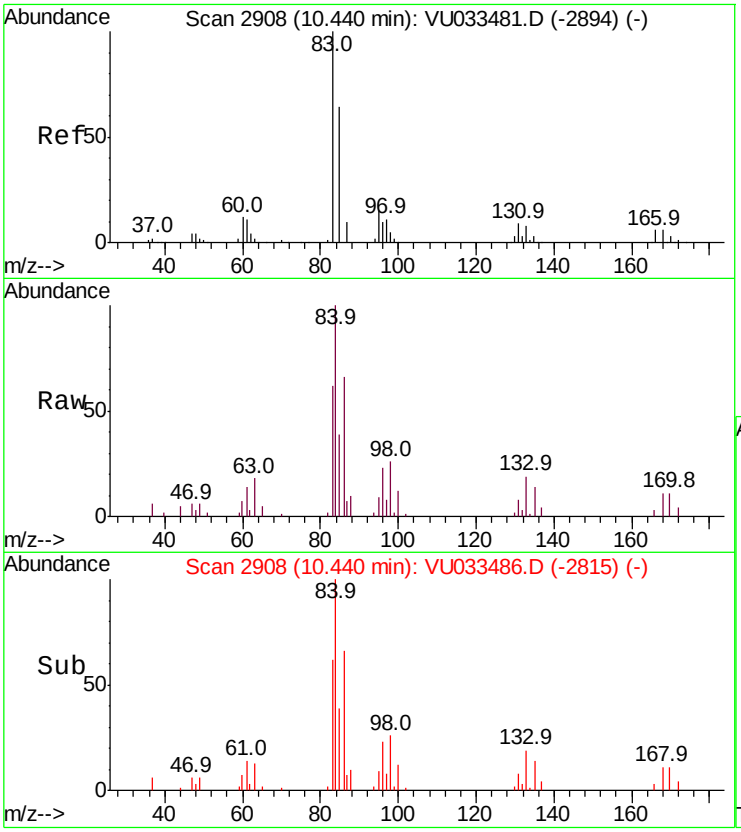


#55
Styrene
Concen: 1.673 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:104 Resp: 10919

Ion	Ratio	Lower	Upper
104	100		
78	44.2	32.6	60.5



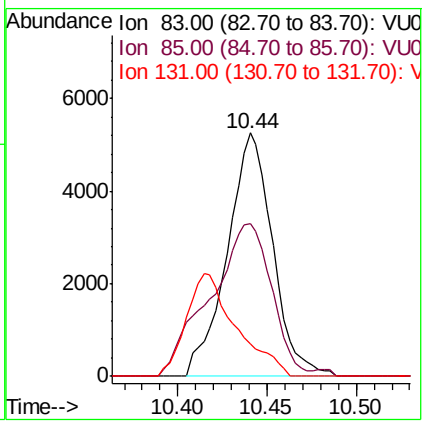


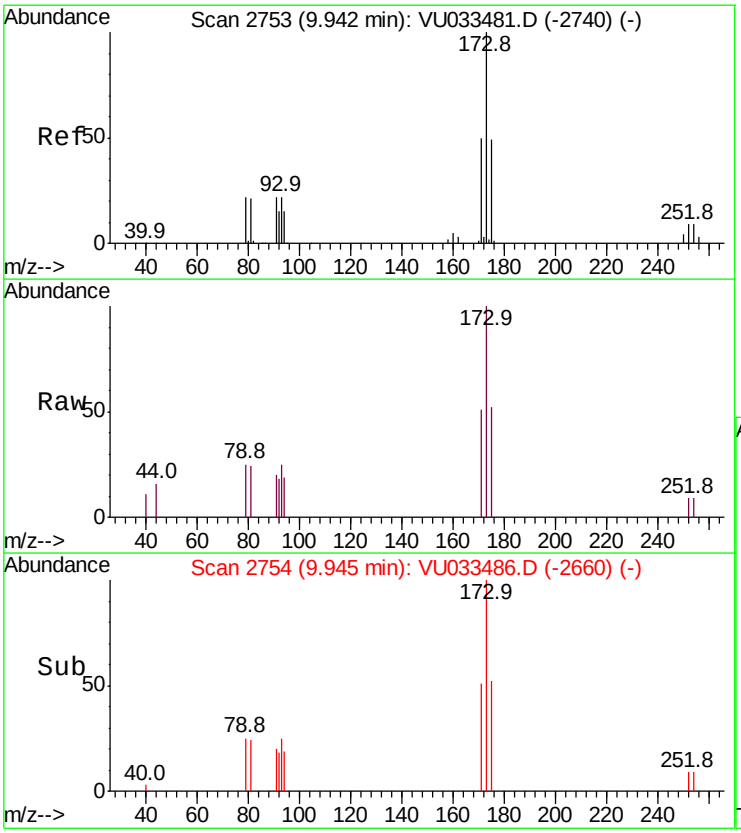
#57
1,1,2,2-Tetrachloroethane
Concen: 2.280 ug/L
RT: 10.44 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 9298

Ion	Ratio	Lower	Upper
83	100		
85	62.9	45.9	85.3
131	13.4	7.8	11.8#

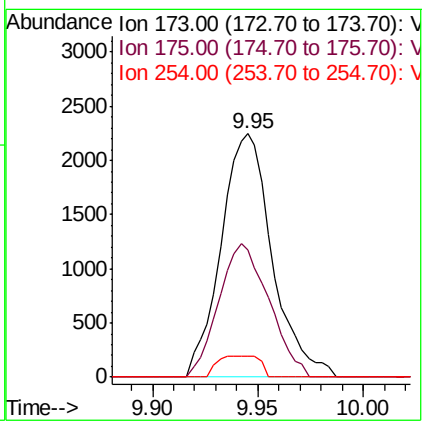


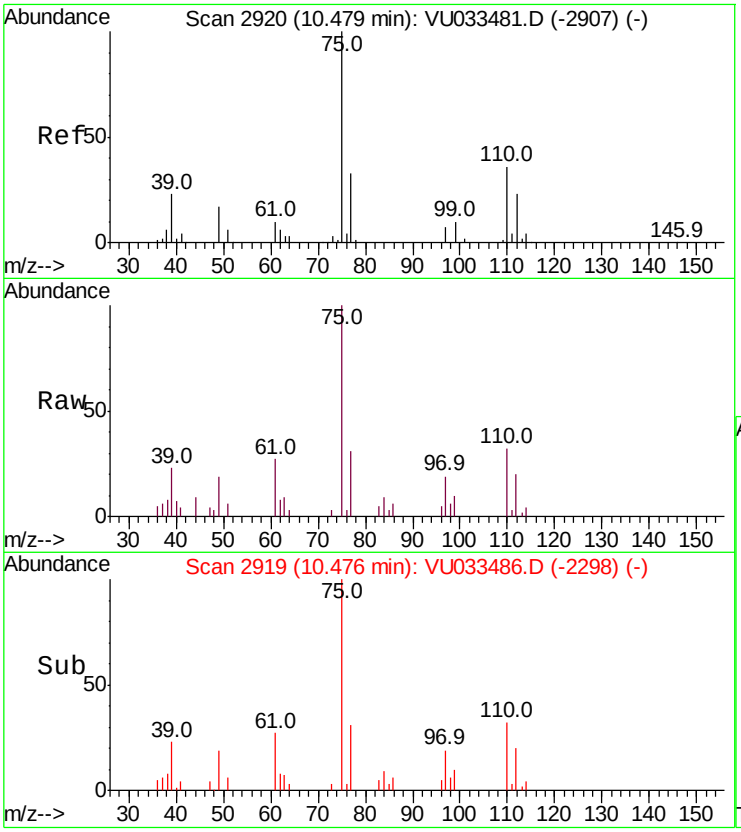


#59
Bromoform
Concen: 2.162 ug/L
RT: 9.95 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:173 Resp: 3789

Ion	Ratio	Lower	Upper
173	100		
175	53.7	38.1	57.1
254	4.4	7.3	10.9#



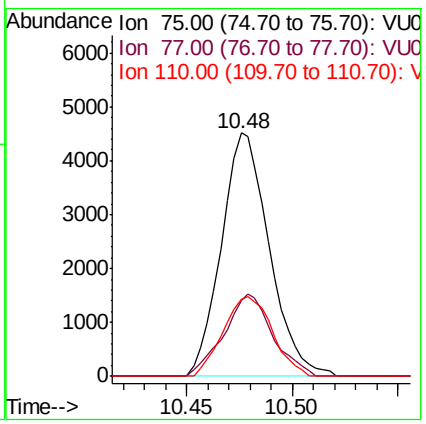


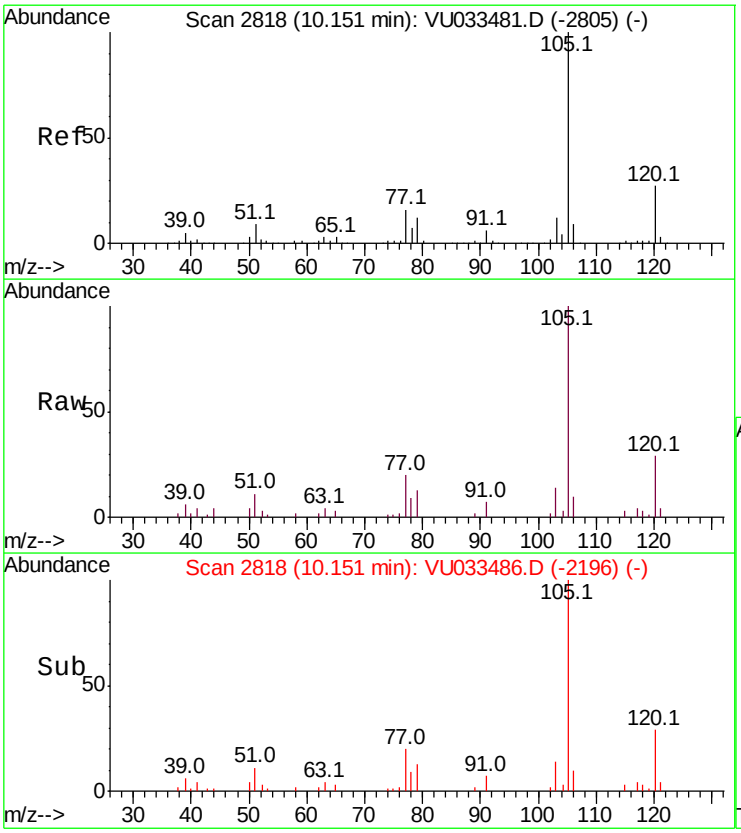
#60
1,2,3-Trichloropropane
Concen: 2.496 ug/L
RT: 10.48 min Scan# 2919
Delta R.T. -0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 7124

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.9	38.9
110	33.5	30.2	45.4

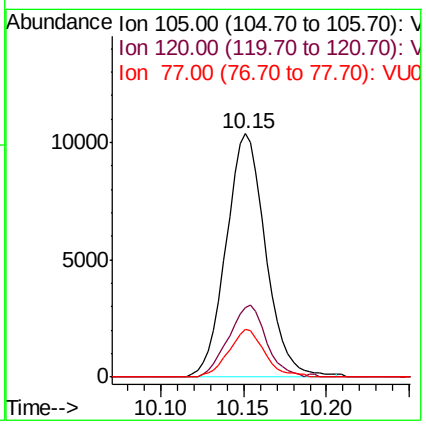


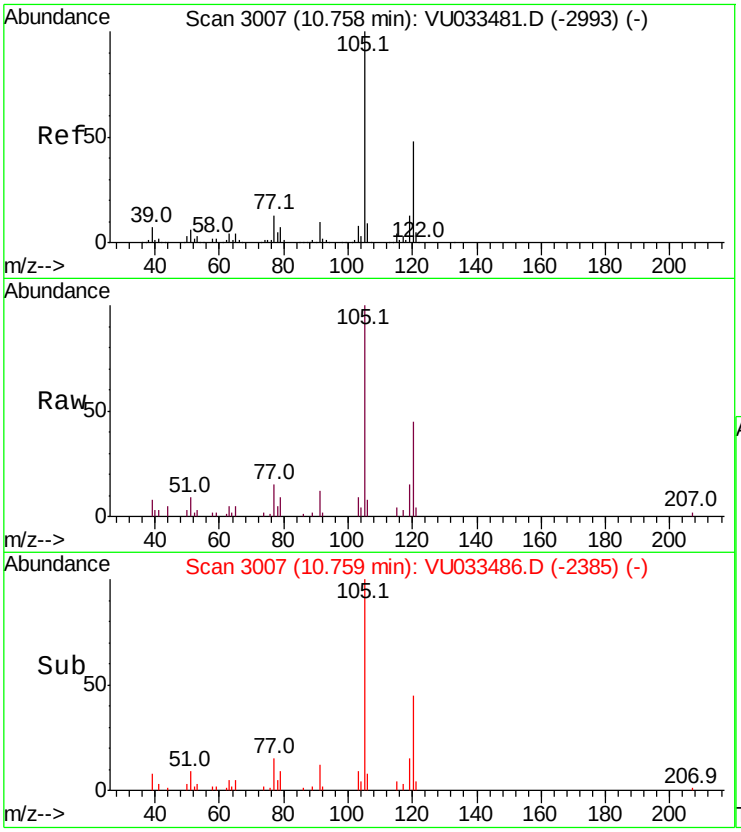


#61
Isopropylbenzene
Concen: 1.918 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:105 Resp: 17207

Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.7	32.5
77	18.1	12.6	19.0



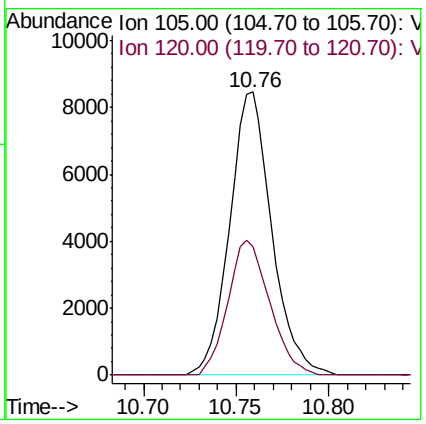


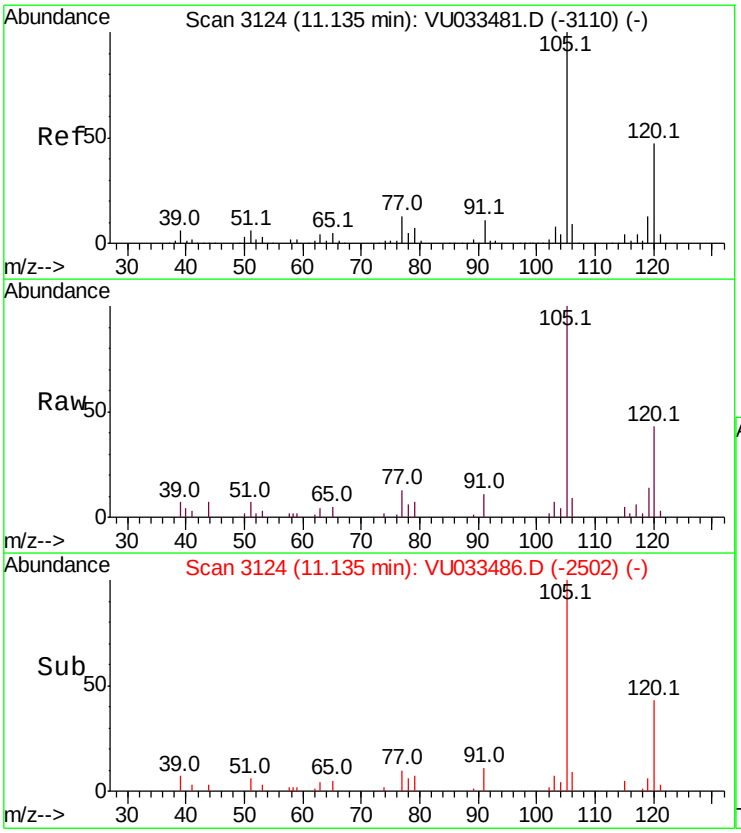
#62
1,3,5-Trimethylbenzene
Concen: 1.834 ug/L
RT: 10.76 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:105 Resp: 13337

Ion	Ratio	Lower	Upper
105	100		
120	47.2	39.0	58.6

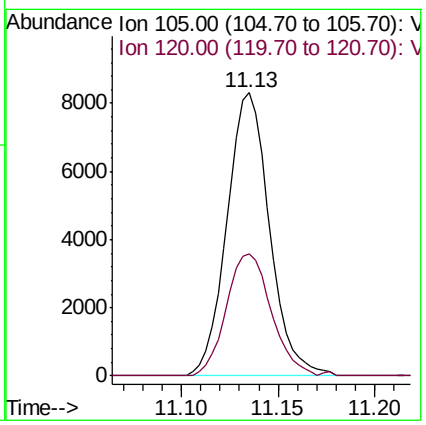


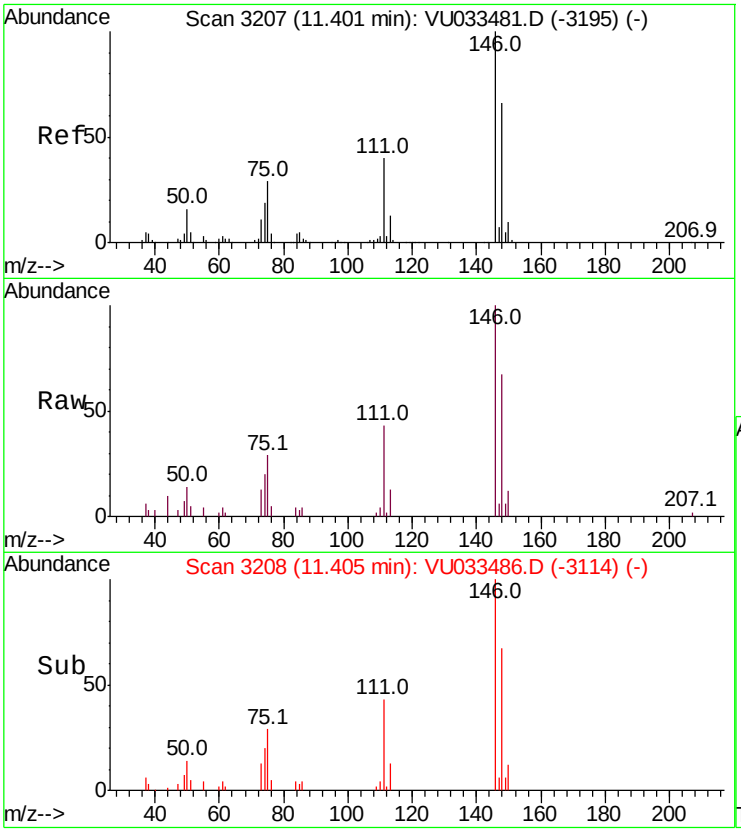


#63
1,2,4-Trimethylbenzene
Concen: 1.764 ug/L
RT: 11.13 min Scan# 3124
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:105 Resp: 12716

Ion	Ratio	Lower	Upper
105	100		
120	45.3	36.6	55.0



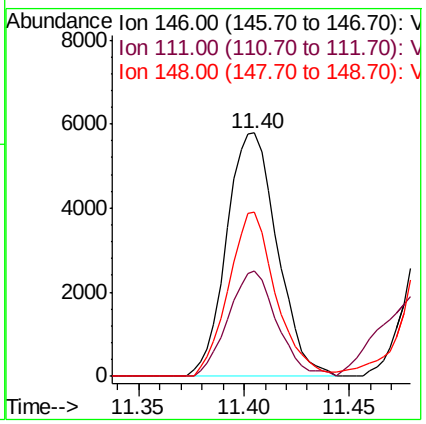


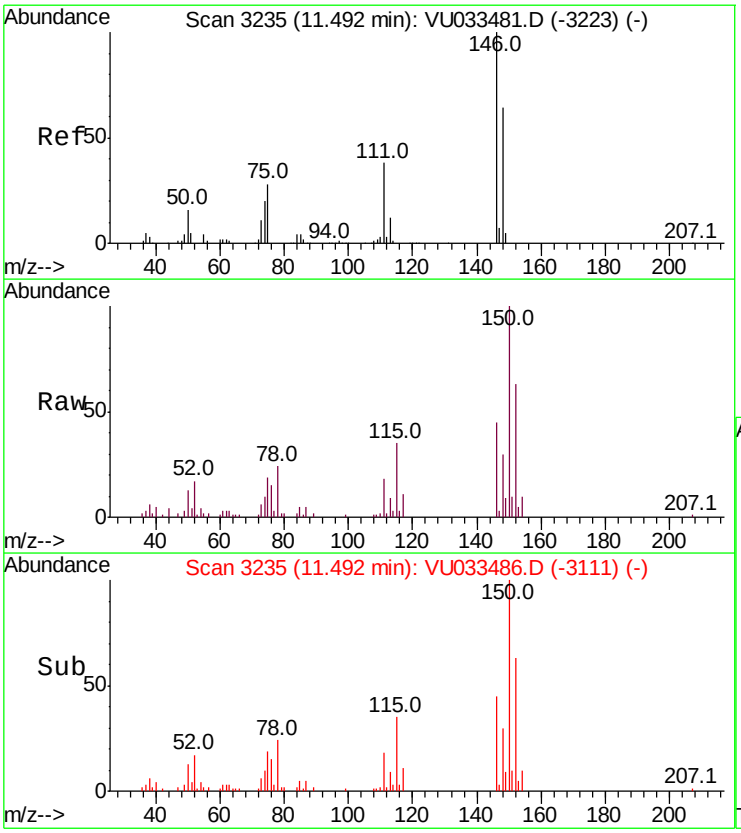
#64
1,3-Dichlorobenzene
Concen: 2.107 ug/L
RT: 11.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 9635

Ion	Ratio	Lower	Upper
146	100		
111	43.5	28.2	52.4
148	67.3	44.4	82.5

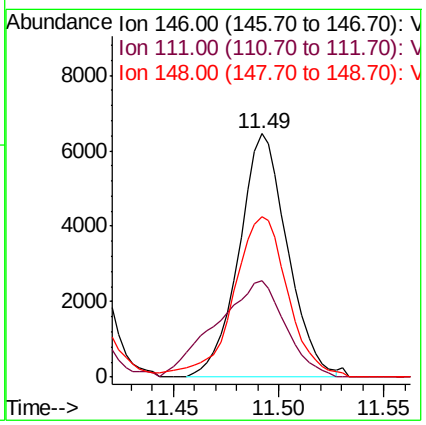


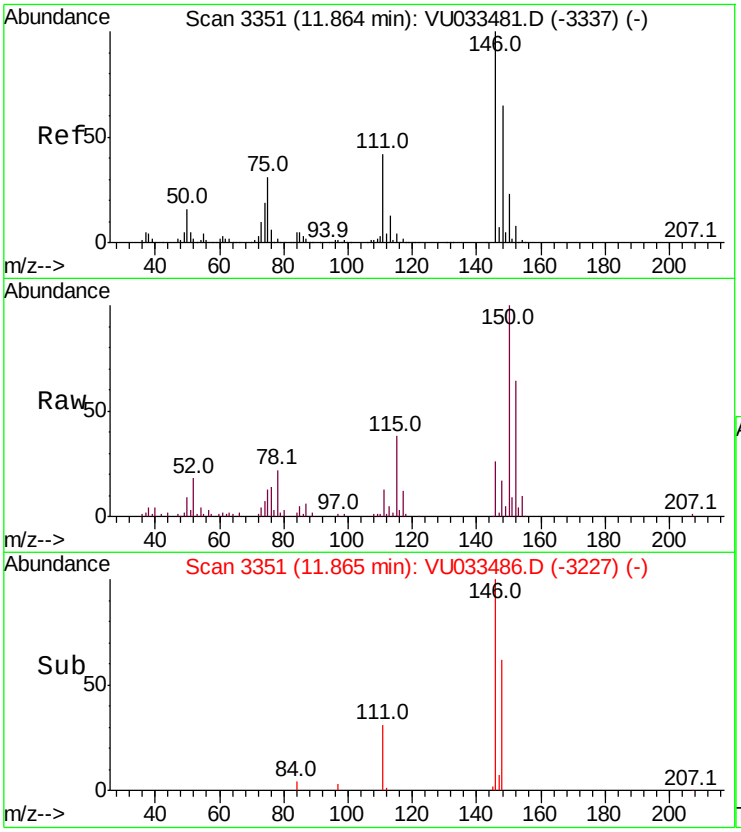


#65
1,4-Dichlorobenzene
Concen: 2.185 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:146 Resp: 10322

Ion	Ratio	Lower	Upper
146	100		
111	39.8	27.0	50.2
148	65.9	44.7	82.9



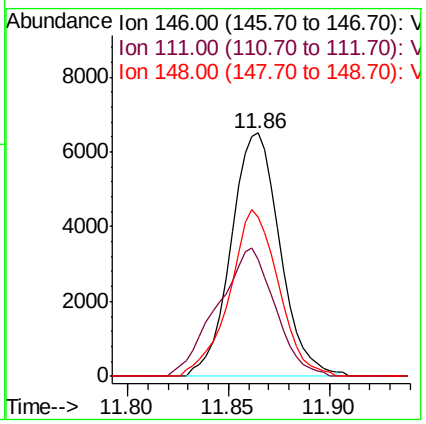


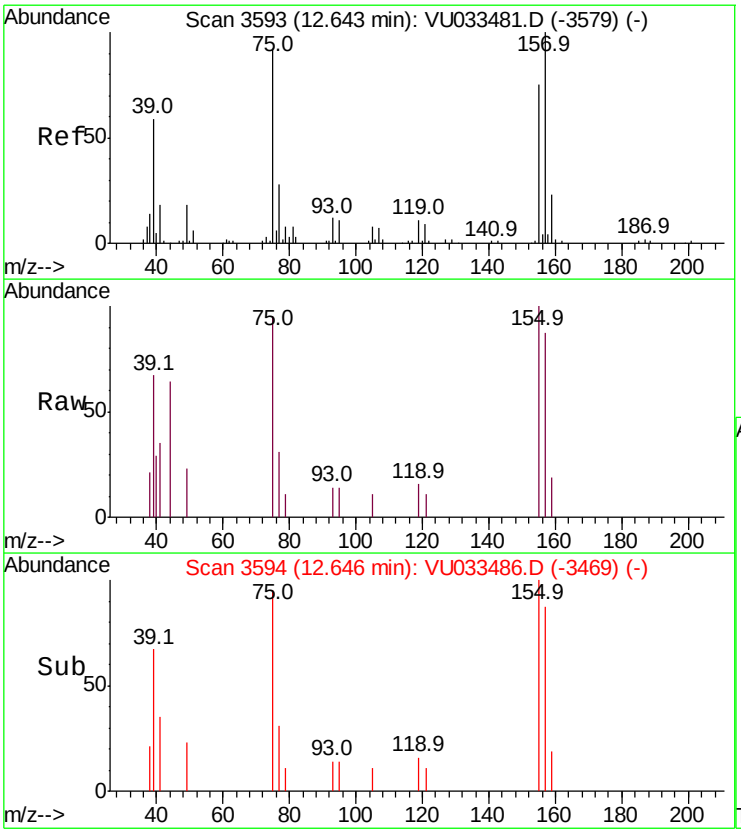
#67
1,2-Dichlorobenzene
Concen: 2.411 ug/L
RT: 11.86 min Scan# 3351
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 11048

Ion	Ratio	Lower	Upper
146	100		
111	48.2	32.8	49.2
148	65.5	49.2	73.8

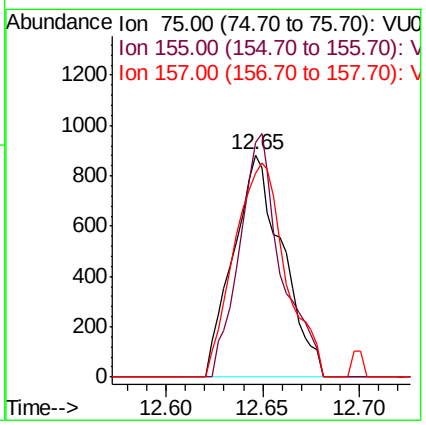


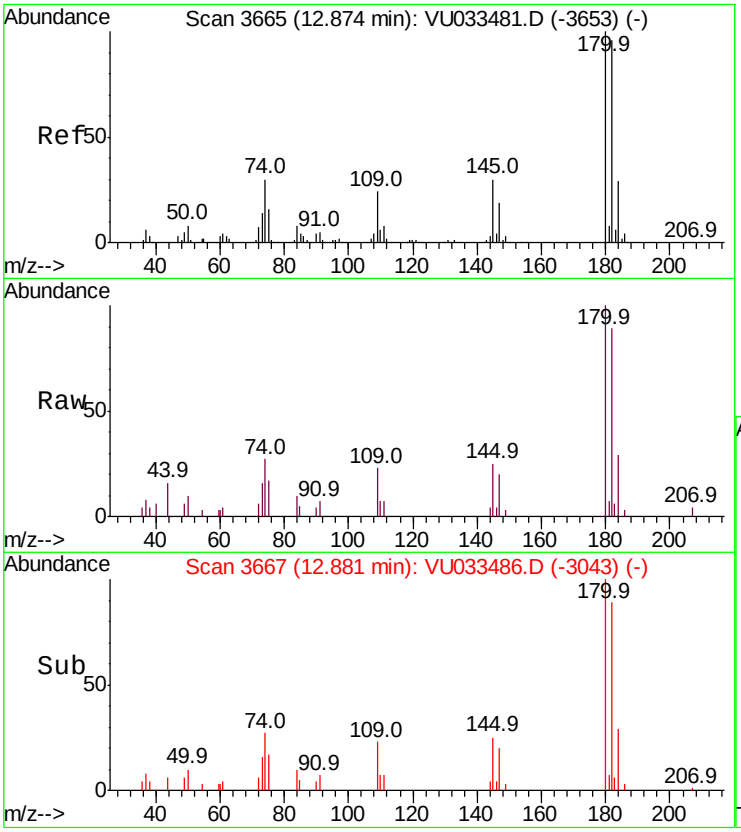


#68
1,2-Dibromo-3-chloropropane
Concen: 1.969 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion: 75 Resp: 1562

Ion	Ratio	Lower	Upper
75	100		
155	105.4	64.8	97.2#
157	91.6	87.1	130.7



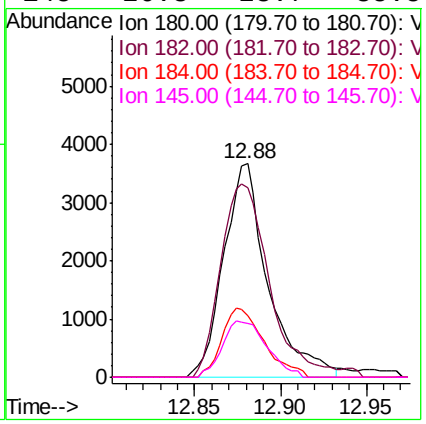


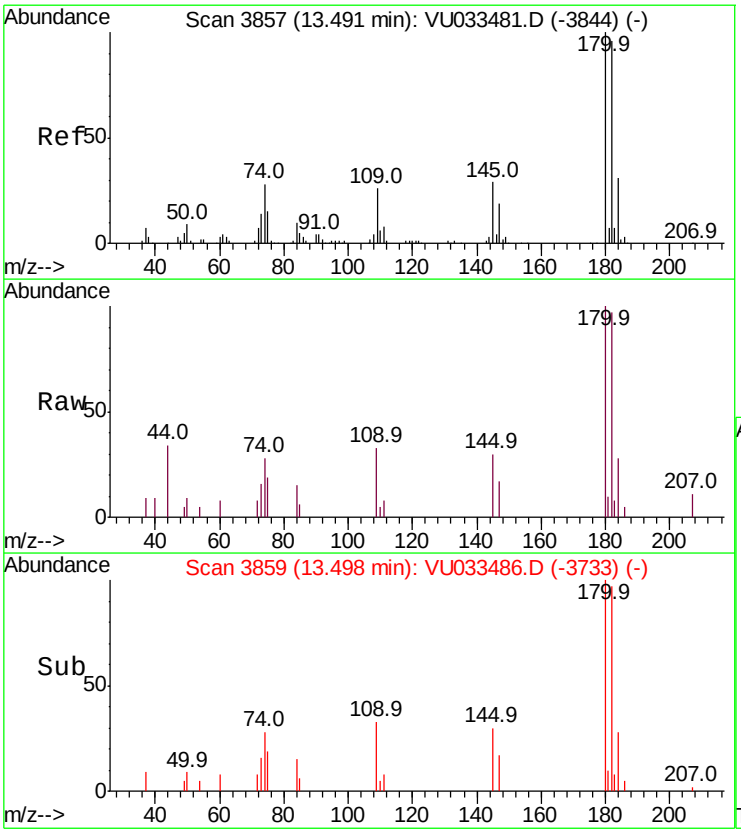
#69
1,3,5-Trichlorobenzene
Concen: 1.894 ug/L
RT: 12.88 min Scan# 3667
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:180 Resp: 6578

Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.2	114.4
184	30.7	24.1	36.1
145	26.3	23.7	35.5

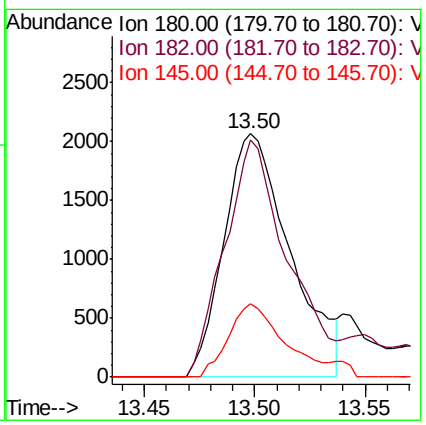


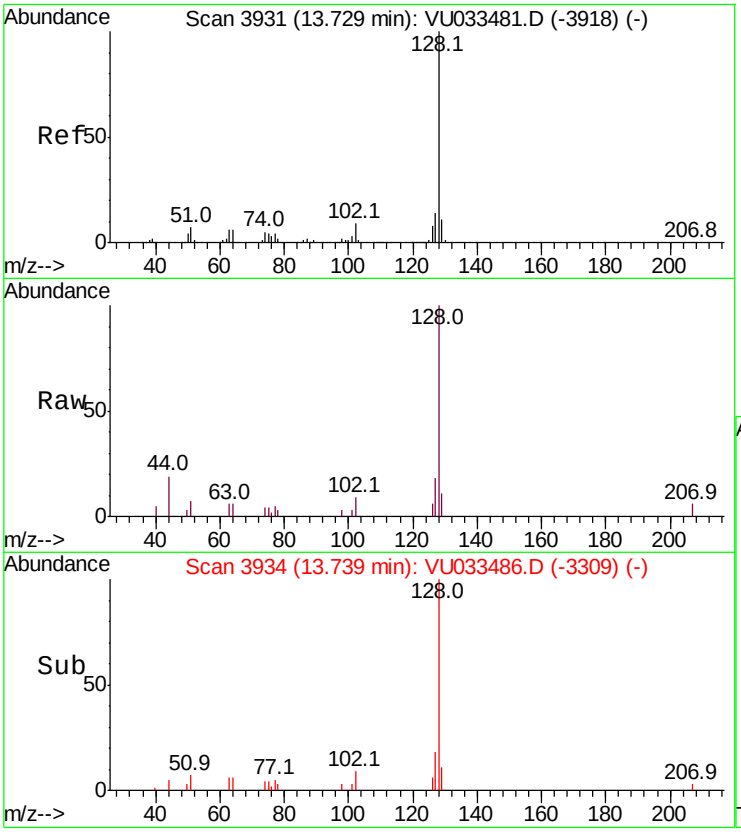


#70
1,2,4-trichlorobenzene
Concen: 1.490 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:180 Resp: 4318

Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.5	116.3
145	24.8	23.9	35.9



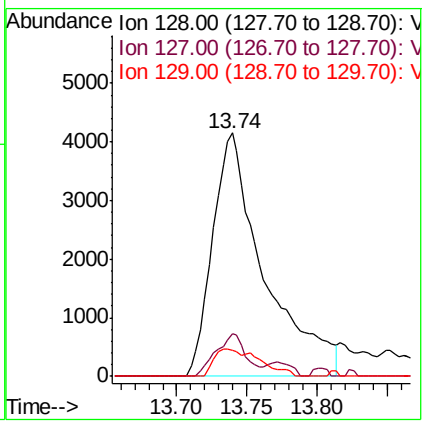


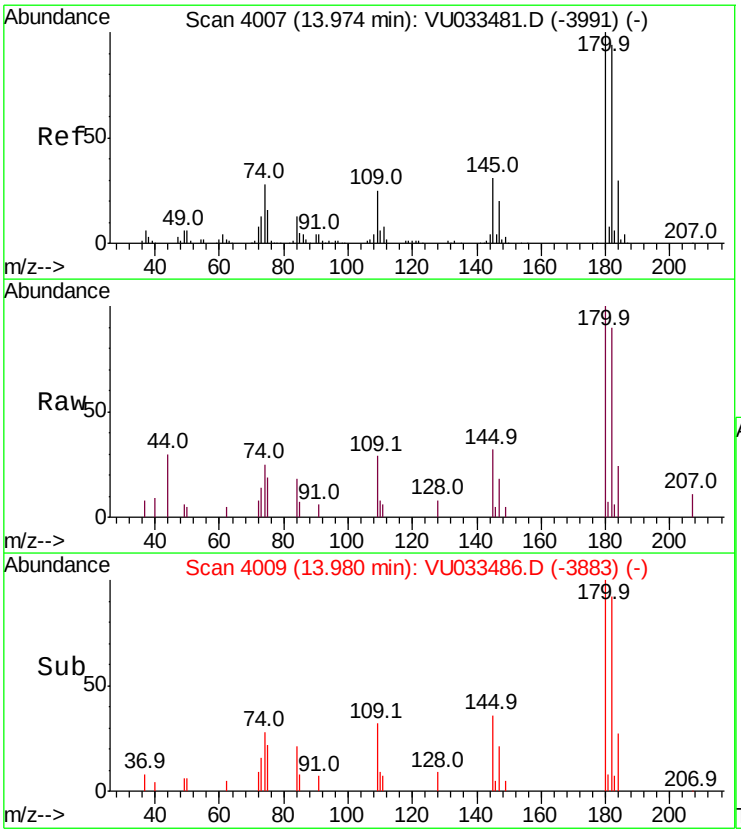
#71
Naphthalene
Concen: 1.259 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:128 Resp: 10550

Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.8	16.2#
129	5.5	8.7	13.1#





#72
1,2,3-Trichlorobenzene
Concen: 1.552 ug/L
RT: 13.98 min Scan# 4009
Delta R.T. 0.01 min
Lab File: VU033486.D
Acq: 30 Jul 2019 11:48

Tgt Ion:180 Resp: 4713

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.4	114.6
145	28.5	24.9	37.3