Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072919\

Quantitation Report (Not Reviewed)

Data File : VU033476.D
Acq On : 29 Jul 2019 18:28
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Jul 30 04:16:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	292920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	297666	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	135065	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	129422	48.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.32%			
7) Chloroethane-d5	1.67	69	111177	50.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.18%			
11) 1,1-Dichloroethene-d2	2.25	63	172110	35.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.76%			
21) 2-Butanone-d5	4.15	46	147069	96.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.49%			
24) Chloroform-d	4.62	84	188419	47.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.66%			
26) 1,2-Dichloroethane-d4	5.29	65	129827	50.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.10%			
32) Benzene-d6	5.32	84	401964	50.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.62%			
36) 1,2-Dichloropropane-d6	6.31	67	126747	51.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.26%			
41) Toluene-d8	7.55	98	365245	48.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.24%			
43) trans-1,3-Dichloropropene-	7.83	79	57041	47.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.18%			
47) 2-Hexanone-d5	8.29	63	106063	103.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.01%			
56) 1,1,2,2-Tetrachloroethane-	10.41	84	187034	49.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.34%			
66) 1,2-Dichlorobenzene-d4	11.85	152	138619	53.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	7692	2.632	ug/L	98
3) Chloromethane	1.32	50	7988	2.738	ug/L	97
5) Vinyl chloride	1.40	62	9199	2.757	ug/L #	71
6) Bromomethane	1.62	94	5944	2.549	ug/L	94
8) Chloroethane	1.69	64	5775	2.821	ug/L	100
9) Trichlorofluoromethane	1.87	101	11944	2.729	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	7097	3.227	ug/L	85
12) 1,1-Dichloroethene	2.27	96	6643	3.100	ug/L #	1
13) Acetone	2.31	43	7319	4.845	ug/L	99
14) Carbon disulfide	2.46	76	16276	2.549	ug/L	97
15) Methyl Acetate	2.60	43	6345	2.619	ug/L	96
16) Methylene chloride	2.68	84	7009	2.977	ug/L	96
17) trans-1,2-Dichloroethene	2.97	96	5492	2.580	ug/L	96
18) Methyl tert-butyl Ether	2.98	73	15542	2.474	ug/L #	90
19) 1,1-Dichloroethane	3.42	63	10638	2.654	ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	5946	2.531	ug/L	95
22) 2-Butanone	4.25	43	6992	3.896	ug/L	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072919\

Quantitation Report (Not Reviewed)

Data File : VU033476.D
Acq On : 29 Jul 2019 18:28
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Jul 30 04:16:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.52	128	3263	2.615 ug/L		94
25) Chloroform	4.65	83	21561	5.074 ug/L		93
27) 1,2-Dichloroethane	5.39	62	8805	2.668 ug/L		98
29) Cyclohexane	4.97	56	7387	2.259 ug/L		93
30) 1,1,1-Trichloroethane	4.89	97	9610	2.711 ug/L	#	86
31) Carbon tetrachloride	5.11	117	7912	2.508 ug/L		94
33) Benzene	5.37	78	24037	2.702 ug/L		100
34) Trichloroethene	6.17	95	6593	2.844 ug/L		89
35) Methylcyclohexane	6.40	83	8257	2.343 ug/L		98
37) 1,2-Dichloropropane	6.41	63	6848	2.862 ug/L	#	95
38) Bromodichloromethane	6.74	83	8011	2.543 ug/L		94
39) cis-1,3-Dichloropropene	7.25	75	8249	2.312 ug/L		99
40) 4-Methyl-2-pentanone	7.45	43	15603	4.948 ug/L		93
42) Toluene	7.62	91	26012	2.717 ug/L		95
44) trans-1,3-Dichloropropene	7.86	75	8257	2.550 ug/L		92
45) 1,1,2-Trichloroethane	8.05	97	6397	2.803 ug/L		88
46) Tetrachloroethene	8.21	164	4835	2.563 ug/L		94
48) 2-Hexanone	8.35	43	15952	6.209 ug/L		95
49) Dibromochloromethane	8.46	129	6538	2.559 ug/L		95
50) 1,2-Dibromoethane	8.57	107	6384	2.579 ug/L		98
51) Chlorobenzene	9.10	112	16159	2.540 ug/L		97
52) Ethylbenzene	9.23	91	23998	2.312 ug/L		97
53) m,p-Xylene	9.36	106	9109	2.334 ug/L		95
54) o-xylene	9.76	106	8327	2.176 ug/L		100
55) Styrene	9.78	104	13797	2.125 ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.44	83	11575	2.853 ug/L	#	93
59) Bromoform	9.94	173	4482	2.653 ug/L	#	93
60) 1,2,3-Trichloropropane	10.48	75	8606	3.128 ug/L		97
61) Isopropylbenzene	10.15	105	20856	2.411 ug/L		99
62) 1,3,5-Trimethylbenzene	10.76	105	15695	2.239 ug/L		99
63) 1,2,4-Trimethylbenzene	11.13	105	14529	2.090 ug/L		99
64) 1,3-Dichlorobenzene	11.40	146	11645	2.641 ug/L		97
65) 1,4-Dichlorobenzene	11.49	146	12348	2.711 ug/L		97
67) 1,2-Dichlorobenzene	11.86	146	13247	2.998 ug/L		98
68) 1,2-Dibromo-3-chloropropan	12.64	75	2033	2.657 ug/L	#	82
69) 1,3,5-Trichlorobenzene	12.88	180	8034	2.400 ug/L		95
70) 1,2,4-trichlorobenzene	13.49	180	4710	1.685 ug/L		97
71) Naphthalene	13.74	128	11890	1.471 ug/L	#	93
72) 1,2,3-Trichlorobenzene	13.98	180	5329	1.821 ug/L		96

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

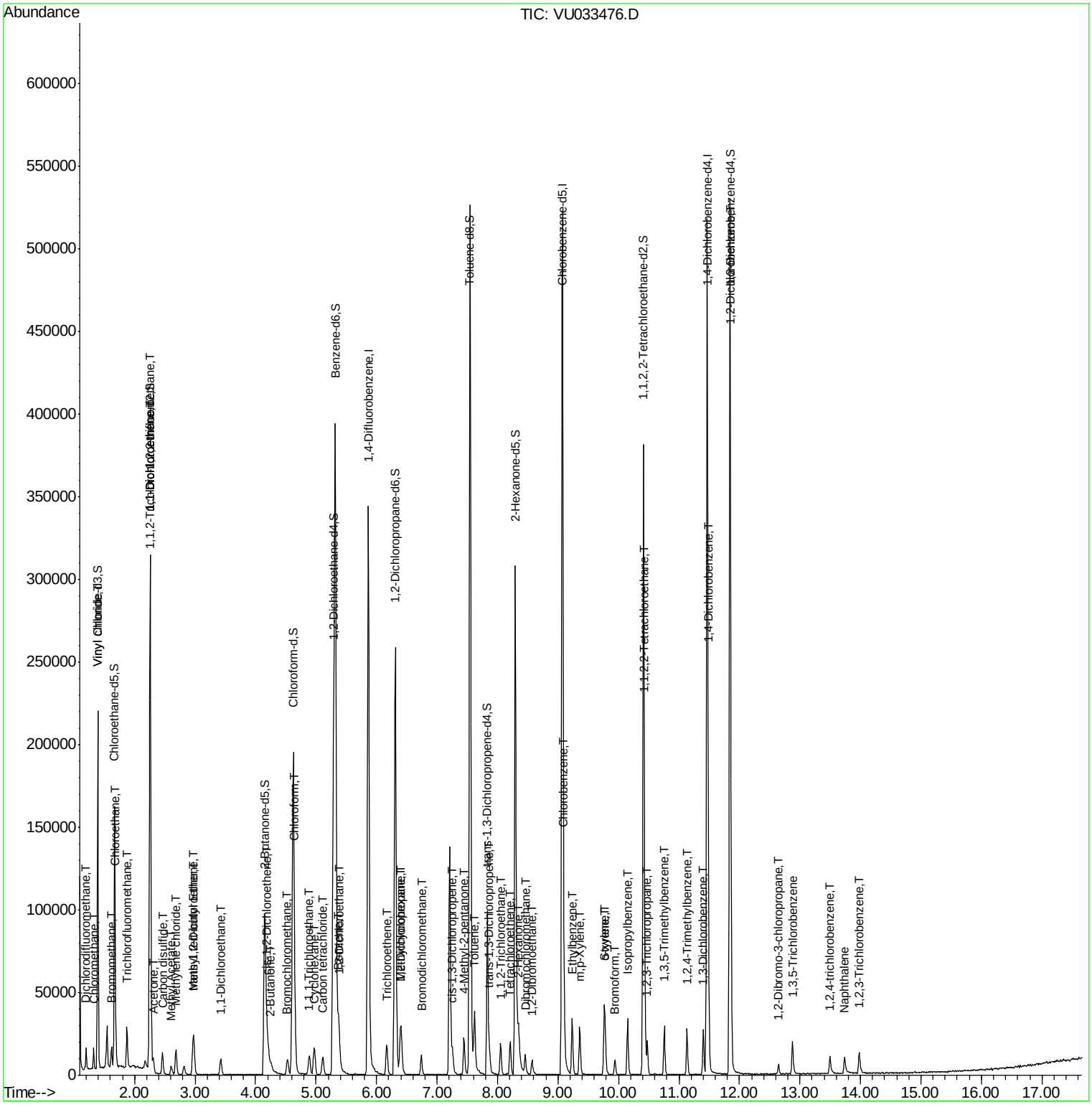
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072919\

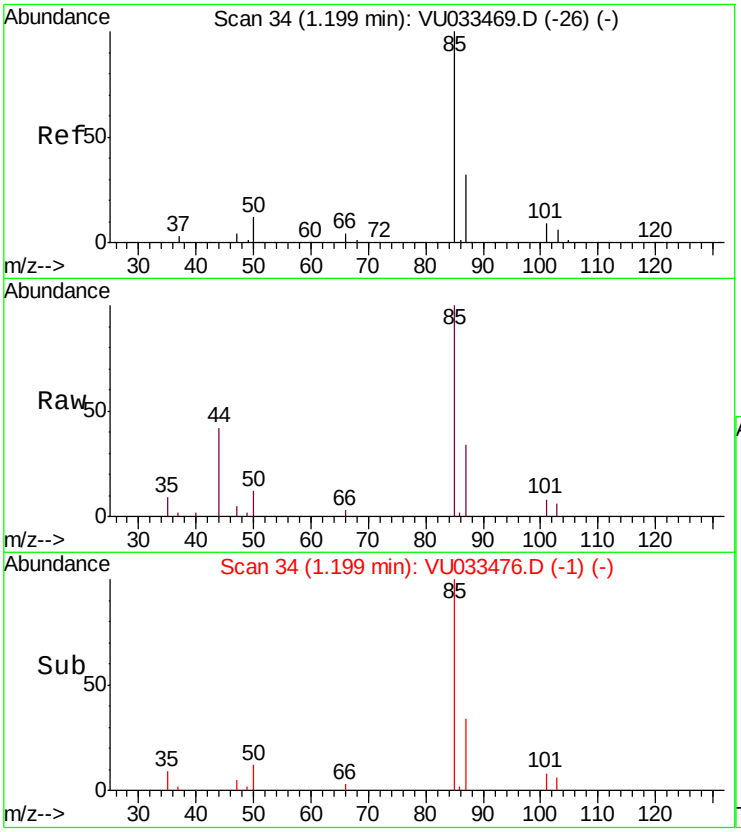
Quantitation Report (Not Reviewed)

Data File : VU033476.D
Acq On : 29 Jul 2019 18:28
Operator : JC/SP
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Quant Time: Jul 30 04:16:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration



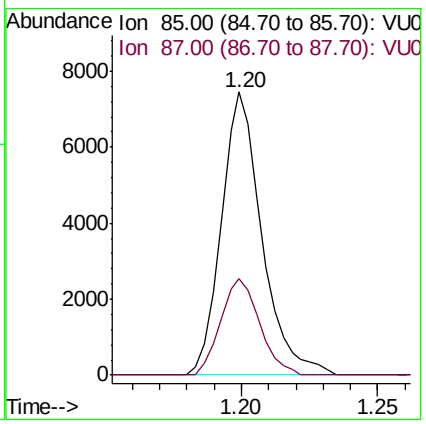


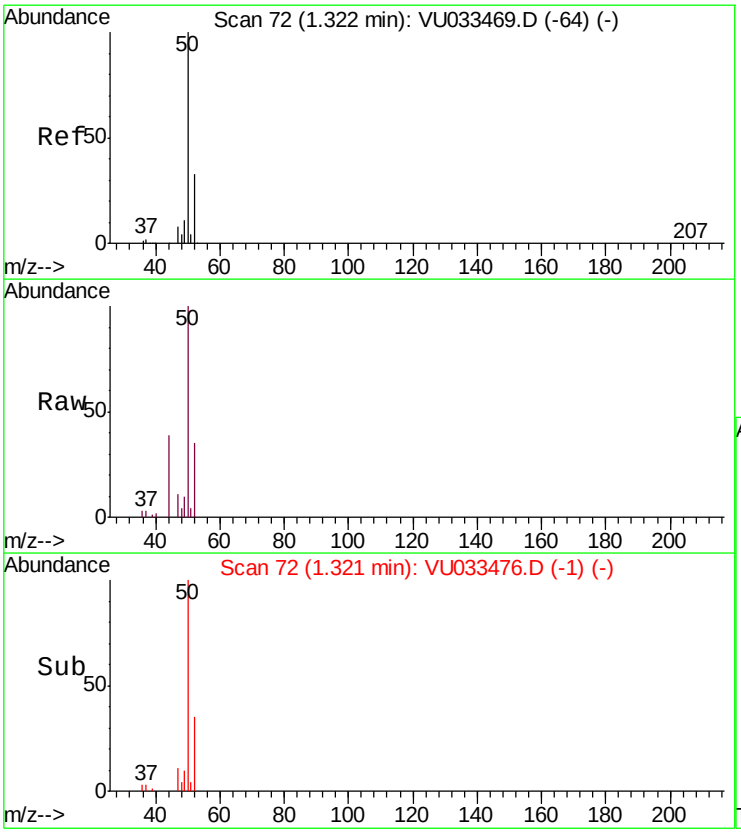
#2
Dichlorodifluoromethane
Concen: 2.632 ug/L
RT: 1.20 min Scan# 34
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 7692

Ion	Ratio	Lower	Upper
85	100		
87	33.0	25.7	38.5

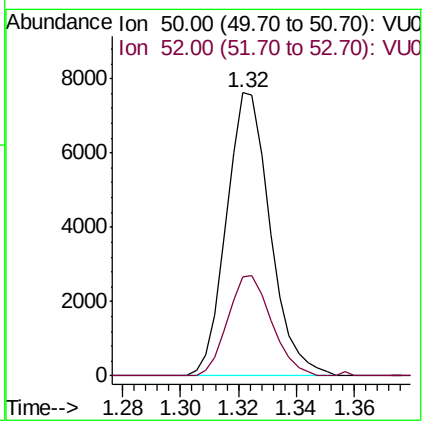


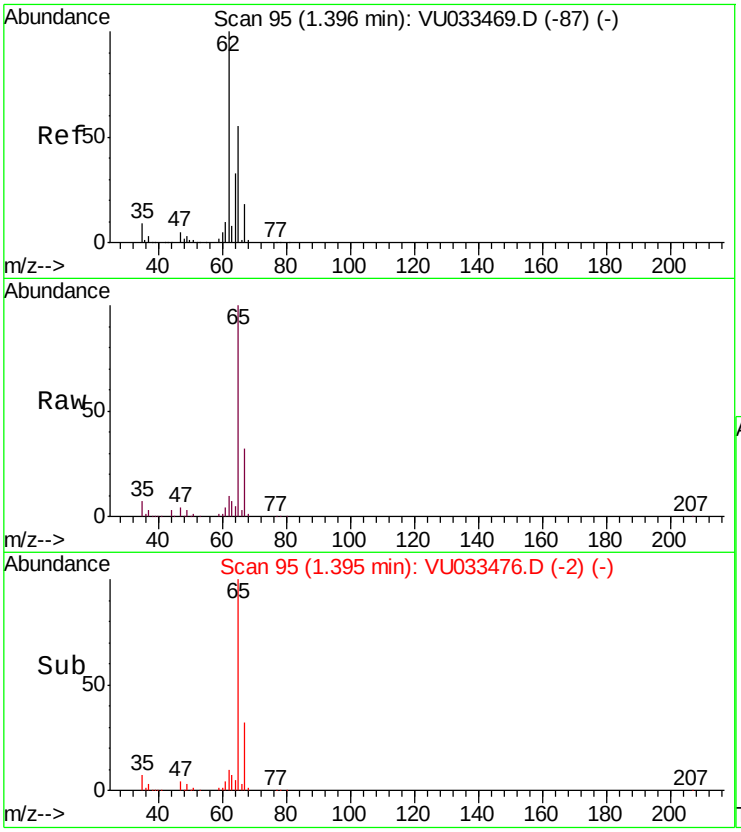


#3
Chloromethane
Concen: 2.738 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 50 Resp: 7988

Ion	Ratio	Lower	Upper
50	100		
52	35.0	23.3	43.3



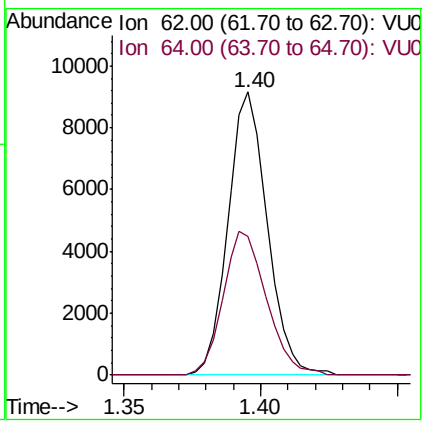


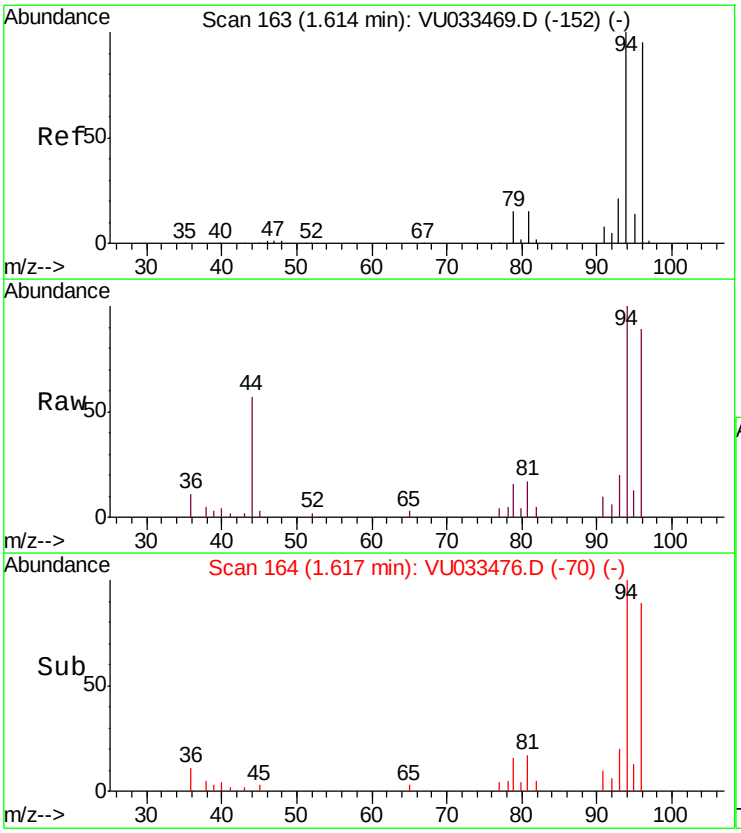
#5
Vinyl chloride
Concen: 2.757 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 9199

Ion	Ratio	Lower	Upper
62	100		
64	49.0	23.0	42.6#

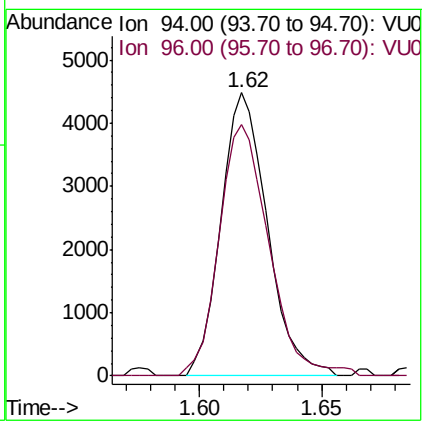


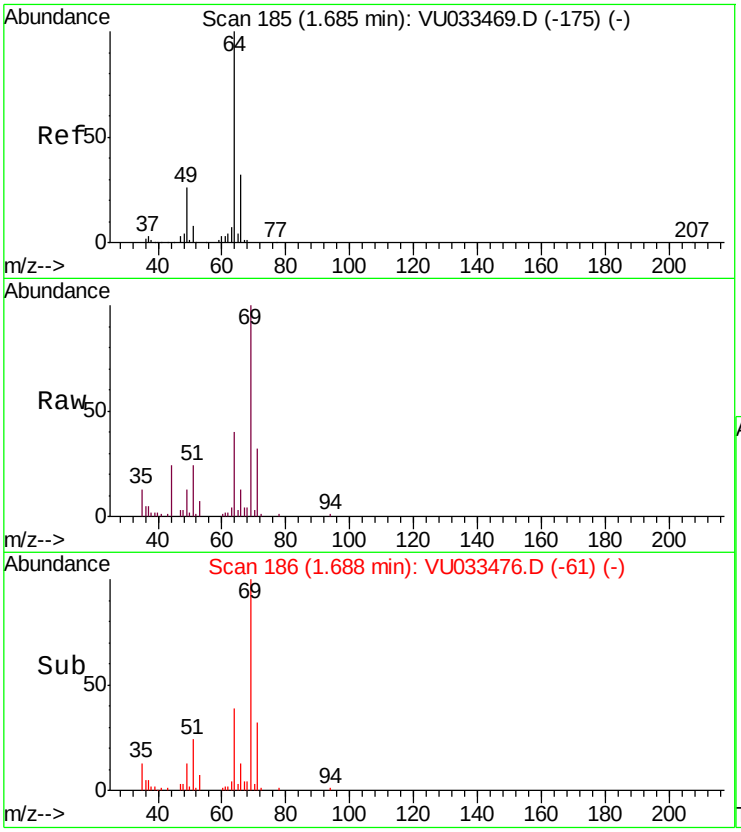


#6
Bromomethane
Concen: 2.549 ug/L
RT: 1.62 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 94 Resp: 5944

Ion	Ratio	Lower	Upper
94	100		
96	89.0	66.2	123.0



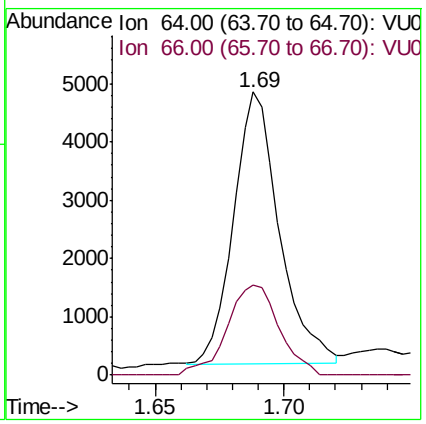


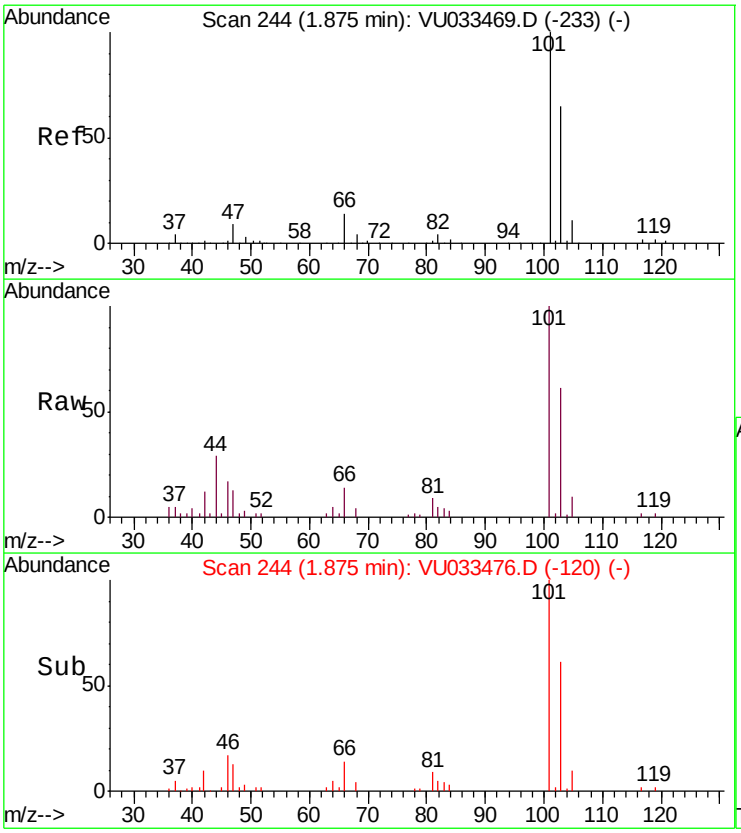
#8
Chloroethane
Concen: 2.821 ug/L
RT: 1.69 min Scan# 186
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 64 Resp: 5775

Ion	Ratio	Lower	Upper
64	100		
66	31.8	22.1	41.1

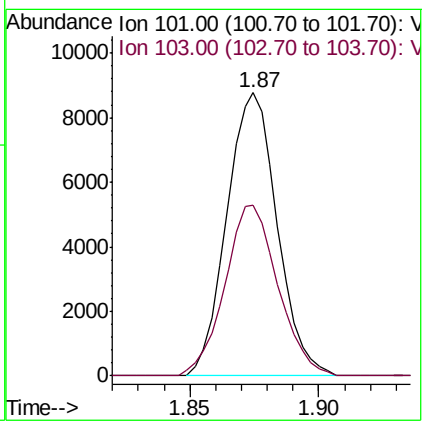


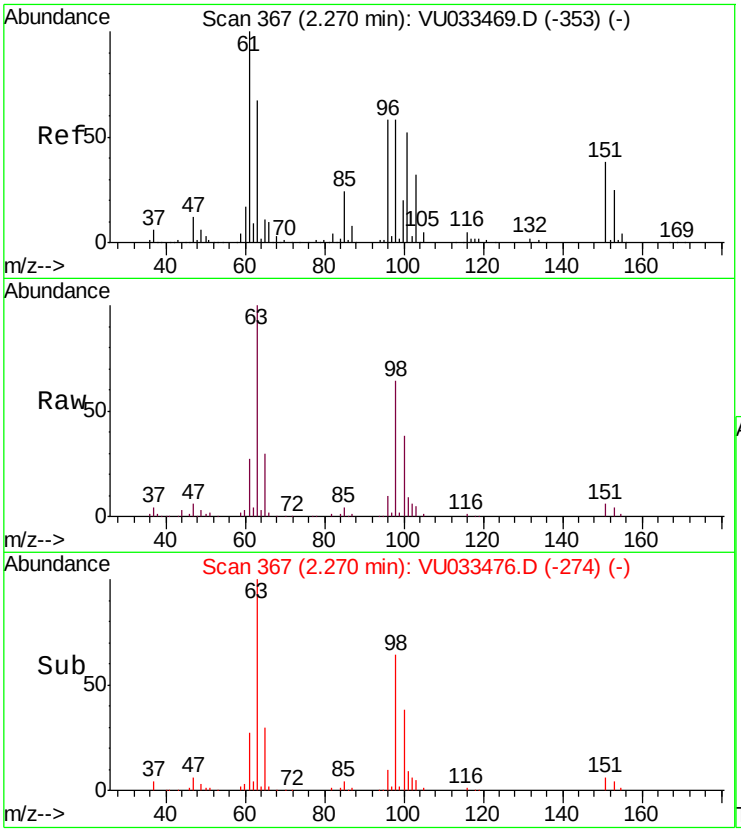


#9
Trichlorofluoromethane
Concen: 2.729 ug/L
RT: 1.87 min Scan# 244
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:101 Resp: 11944

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.2	76.8



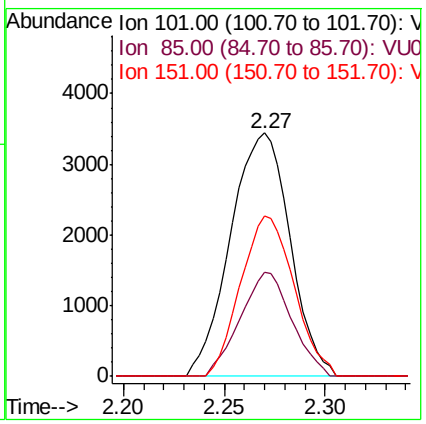


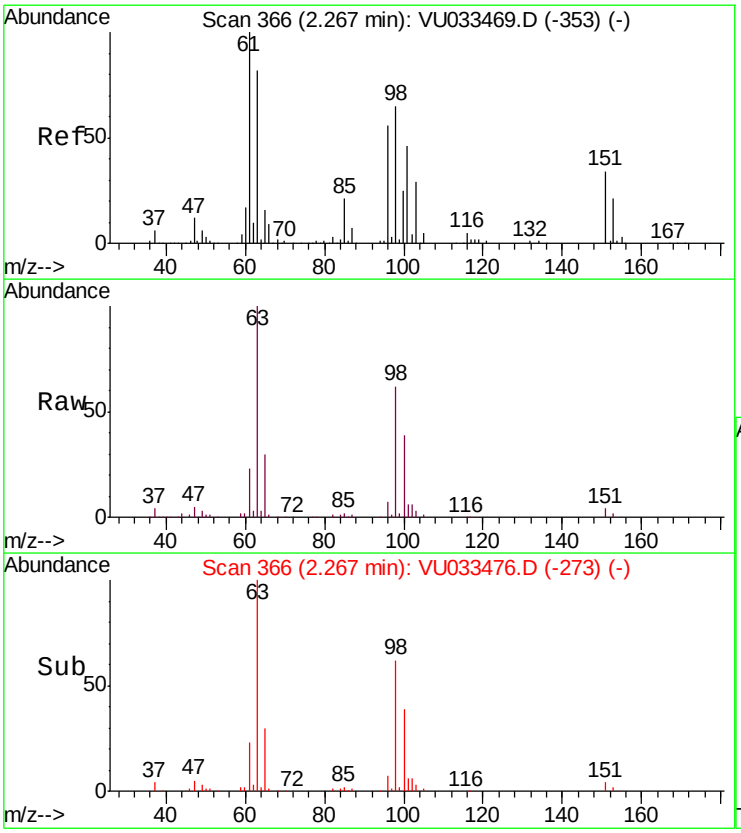
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.227 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 7097

Ion	Ratio	Lower	Upper
101	100		
85	37.0	35.8	53.8
151	59.0	58.6	87.8

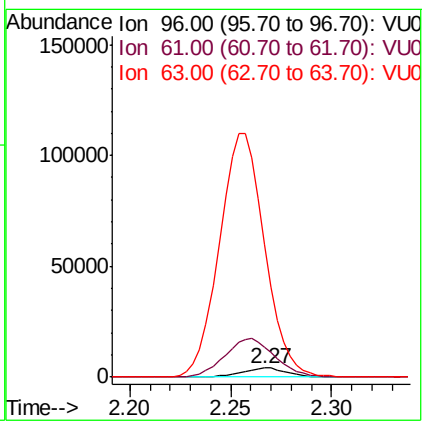


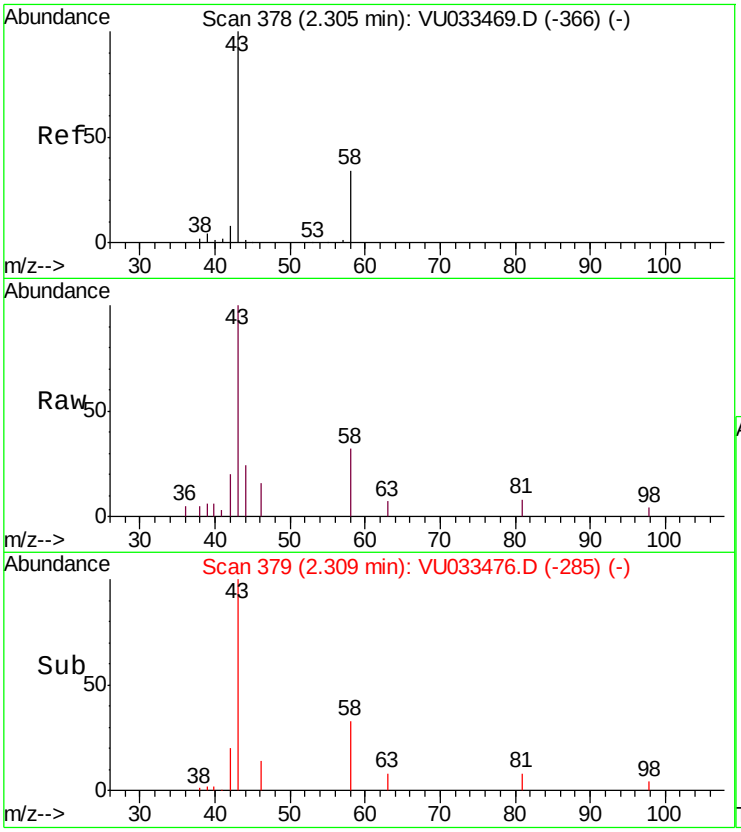


#12
1,1-Dichloroethene
Concen: 3.100 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 96 Resp: 6643

Ion	Ratio	Lower	Upper
96	100		
61	322.4	124.1	230.5#
63	1417.4	101.8	189.2#



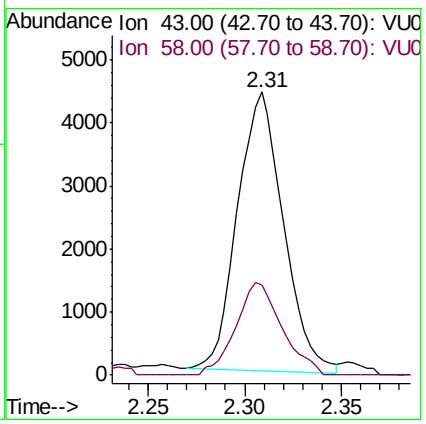


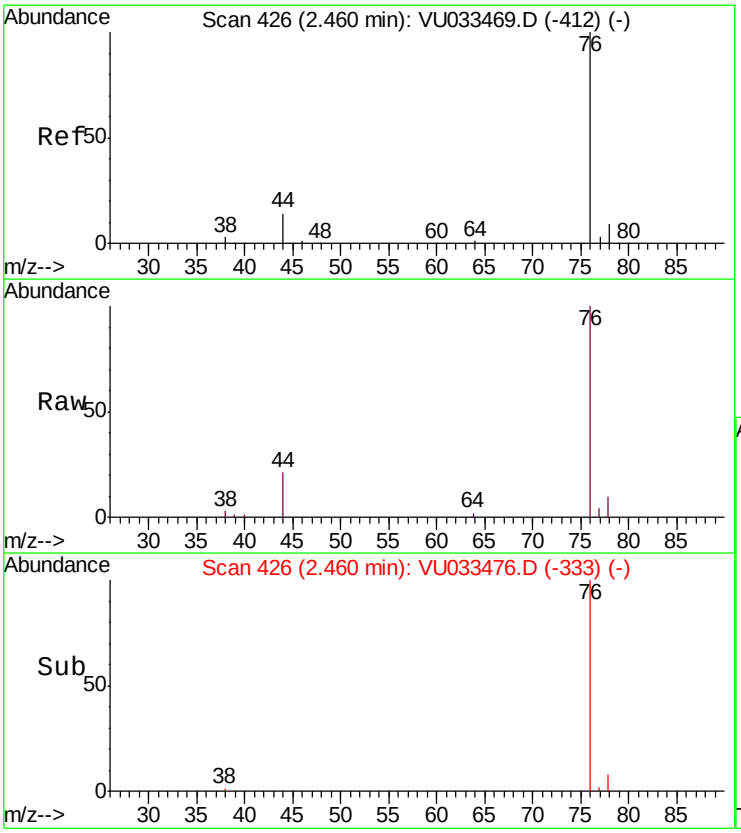
#13
Acetone
Concen: 4.845 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 7319

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	67.4

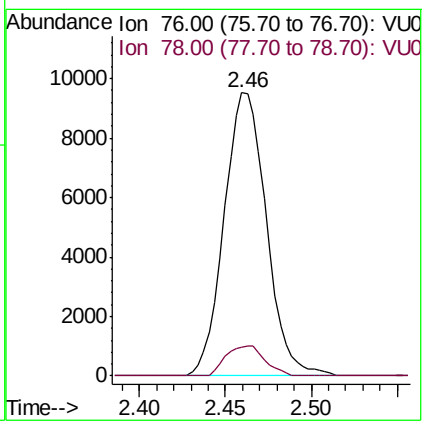


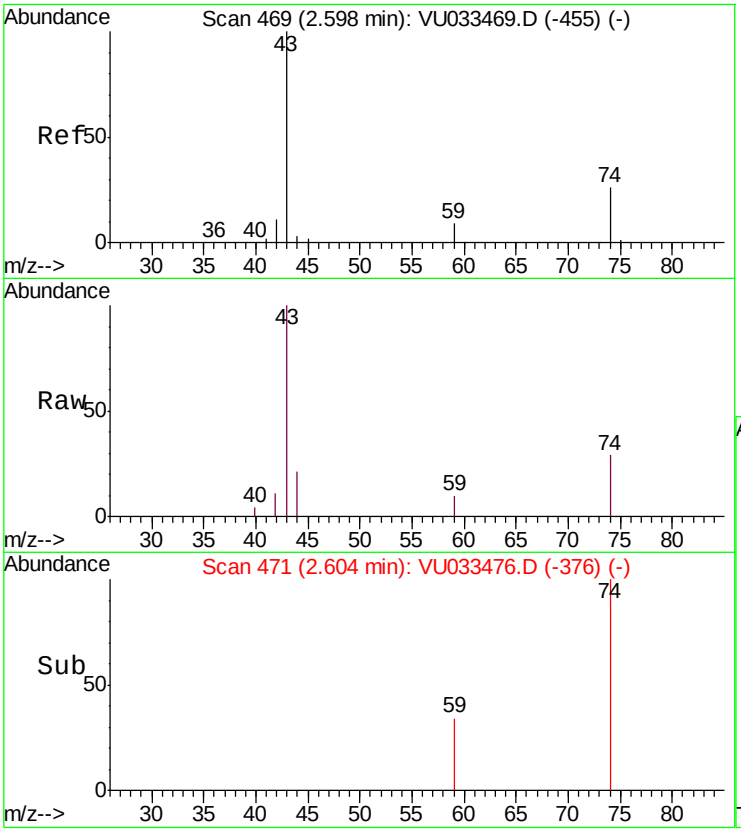


#14
Carbon disulfide
Concen: 2.549 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 76 Resp: 16276

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.2	10.8



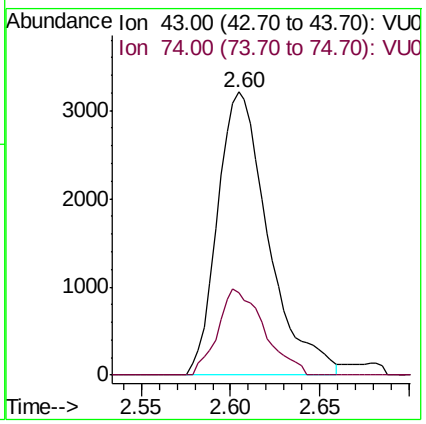


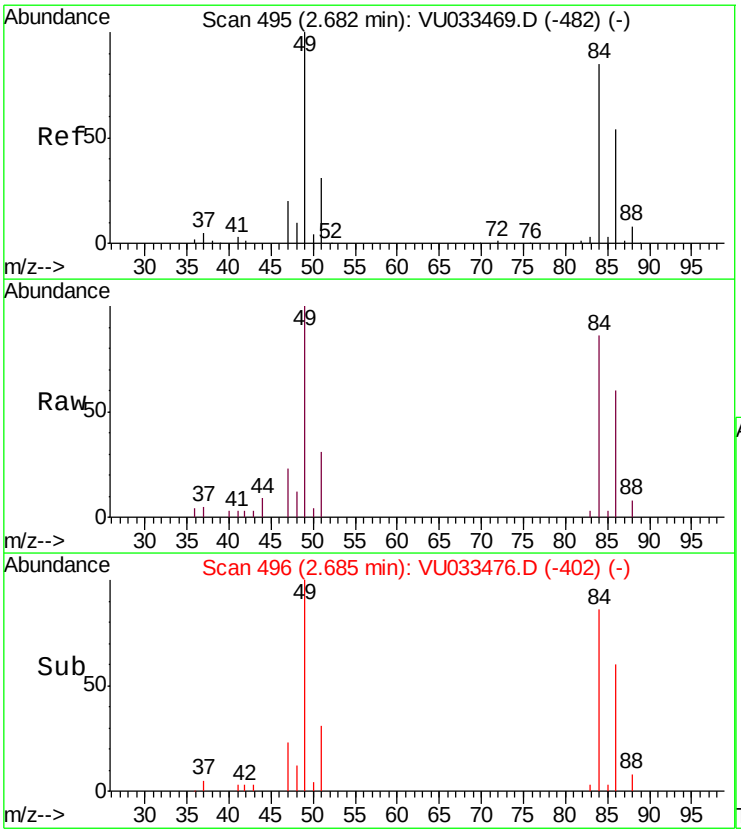
#15
Methyl Acetate
Concen: 2.619 ug/L
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 6345

Ion	Ratio	Lower	Upper
43	100		
74	27.8	20.5	30.7

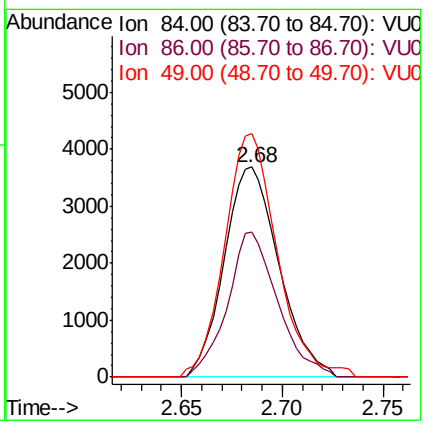


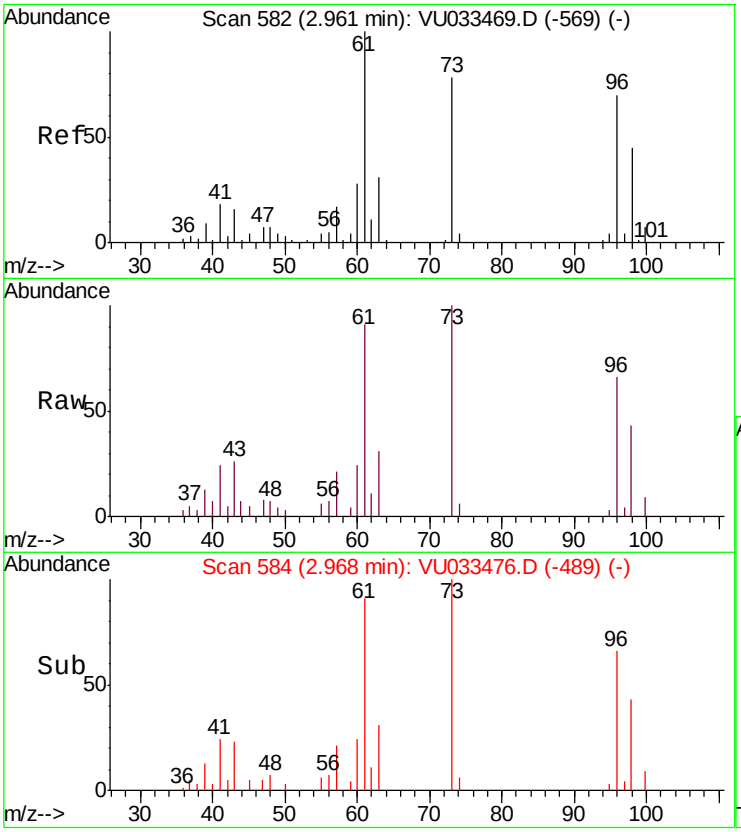


#16
Methylene chloride
Concen: 2.977 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 84 Resp: 7009

Ion	Ratio	Lower	Upper
84	100		
86	69.2	44.2	82.0
49	116.0	82.3	152.8



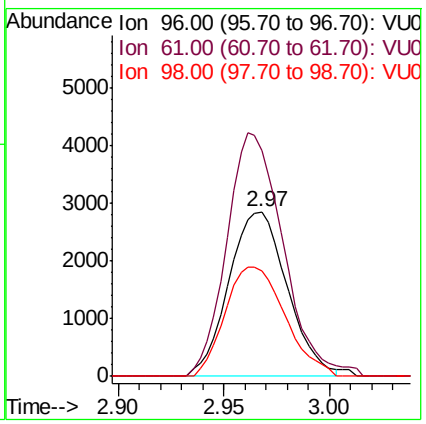


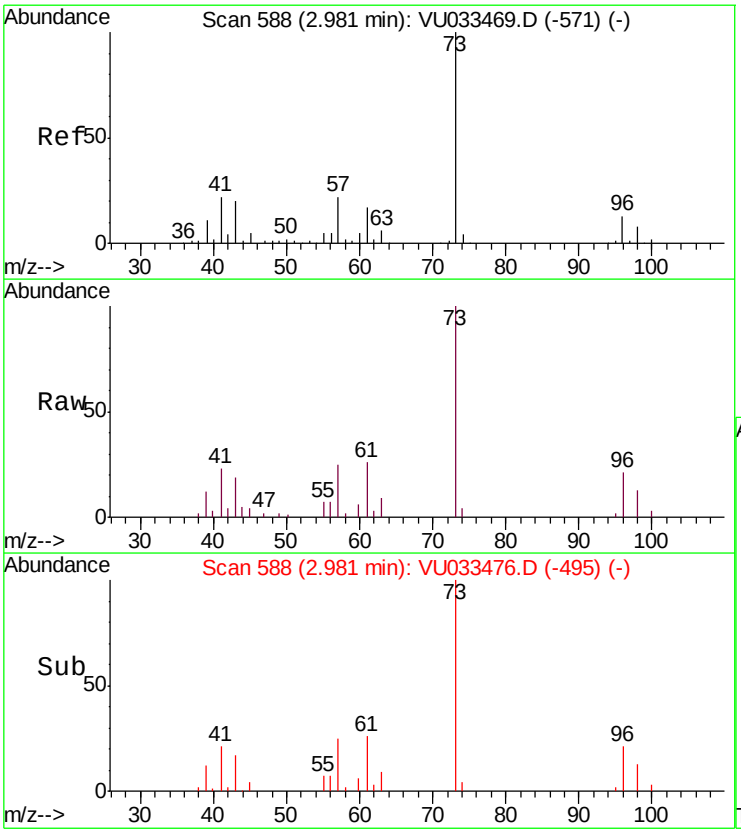
#17
trans-1,2-Dichloroethene
Concen: 2.580 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 5492

Ion	Ratio	Lower	Upper
96	100		
61	136.9	100.3	186.3
98	64.2	45.1	83.9

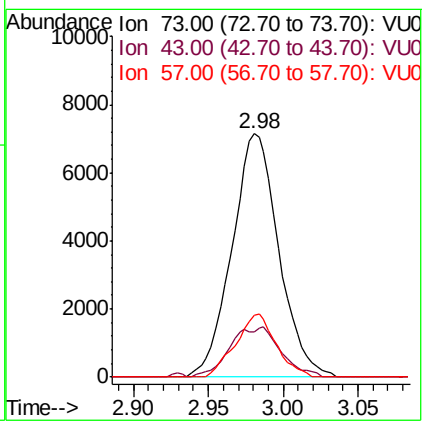


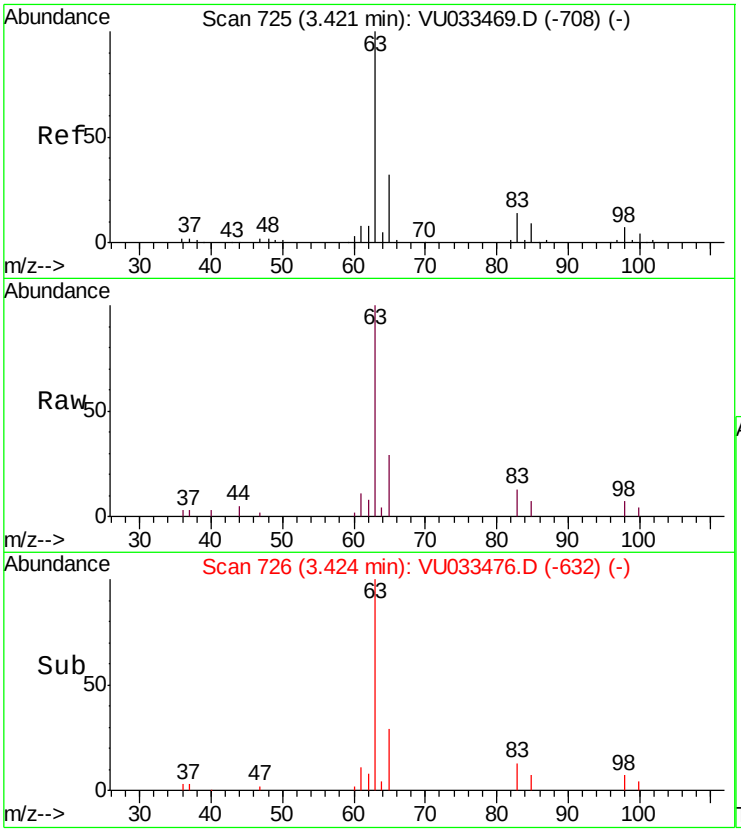


#18
Methyl tert-butyl Ether
Concen: 2.474 ug/L
RT: 2.98 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 73 Resp: 15542

Ion	Ratio	Lower	Upper
73	100		
43	10.0	15.3	22.9#
57	22.4	17.7	26.5



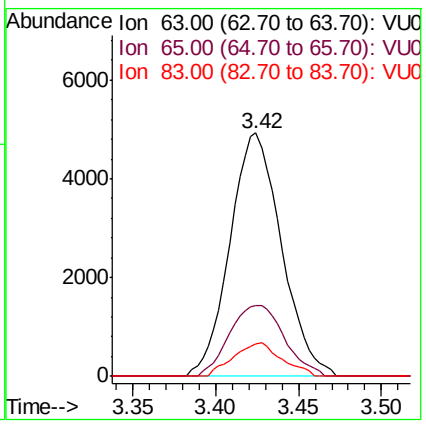


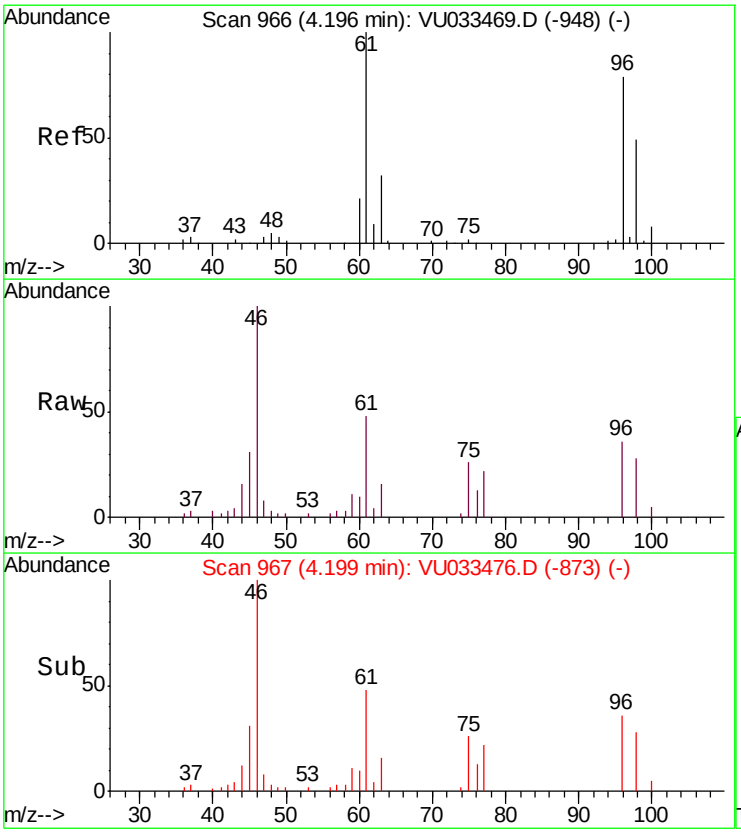
#19
1,1-Dichloroethane
Concen: 2.654 ug/L
RT: 3.42 min Scan# 726
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 63 Resp: 10638

Ion	Ratio	Lower	Upper
63	100		
65	29.0	22.7	42.1
83	13.2	9.4	17.6

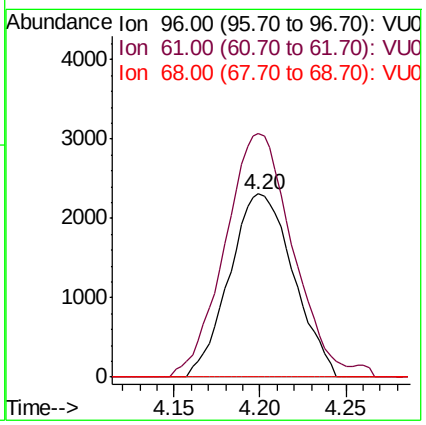


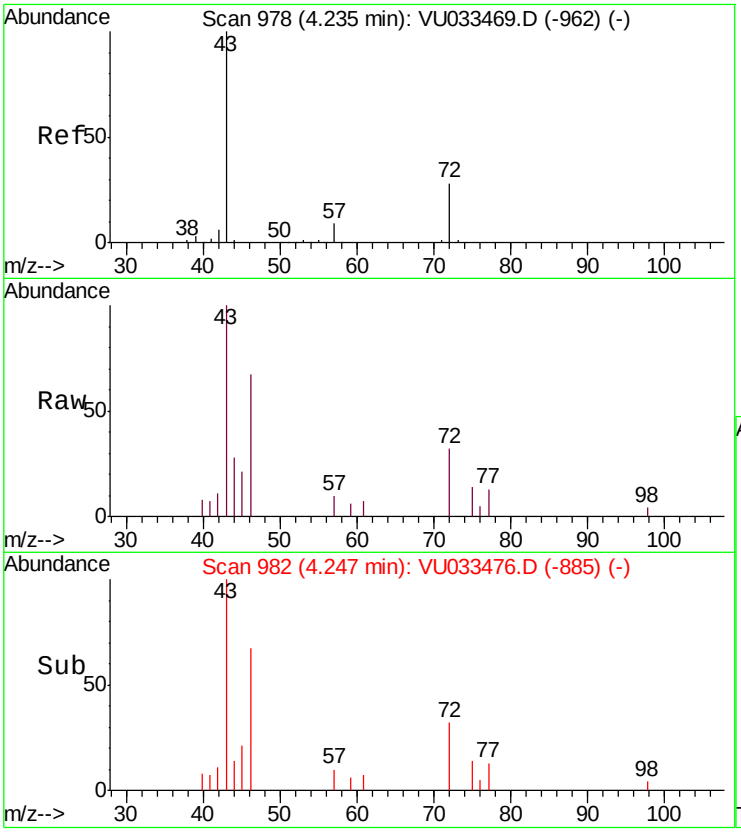


#20
cis-1,2-Dichloroethene
Concen: 2.531 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 96 Resp: 5946

Ion	Ratio	Lower	Upper
96	100		
61	133.0	88.9	165.1
68	0.0	0.0	0.0



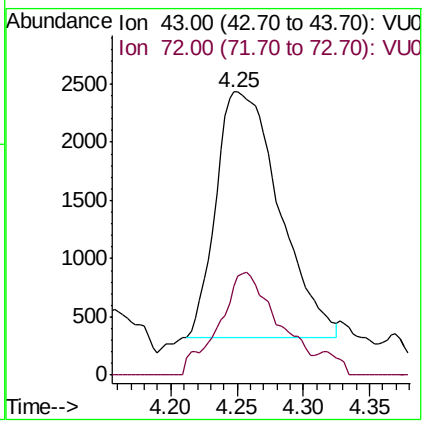


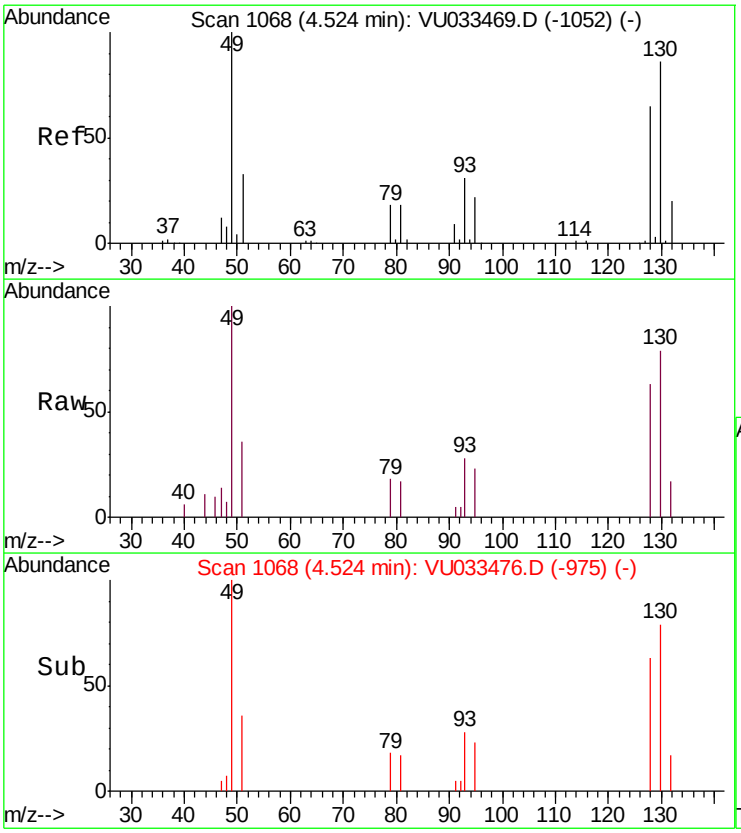
#22
2-Butanone
Concen: 3.896 ug/L
RT: 4.25 min Scan# 982
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 6992

Ion	Ratio	Lower	Upper
43	100		
72	37.2	14.1	42.3

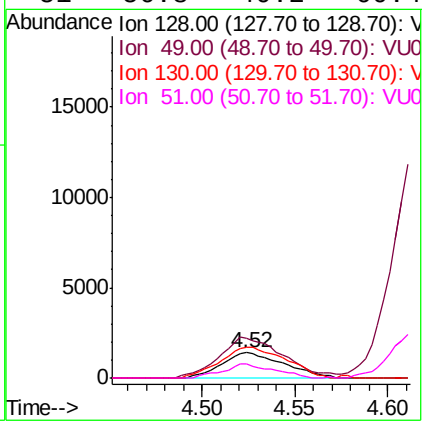


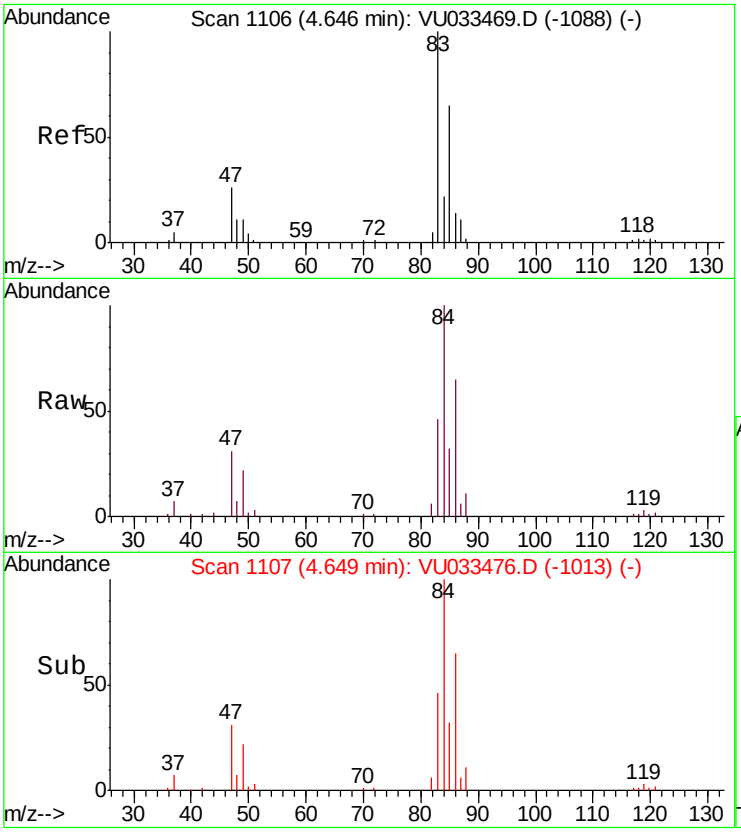


#23
Bromochloromethane
Concen: 2.615 ug/L
RT: 4.52 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:128 Resp: 3263

Ion	Ratio	Lower	Upper
128	100		
49	157.9	108.0	200.6
130	124.1	92.9	172.5
51	56.8	40.2	60.4



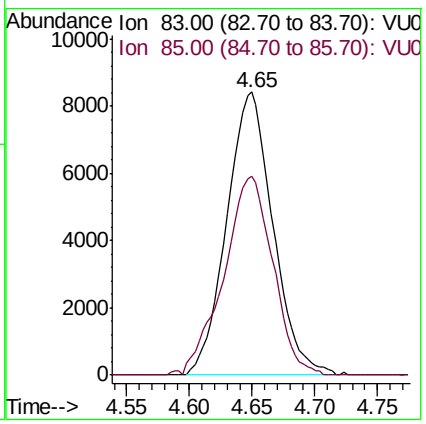


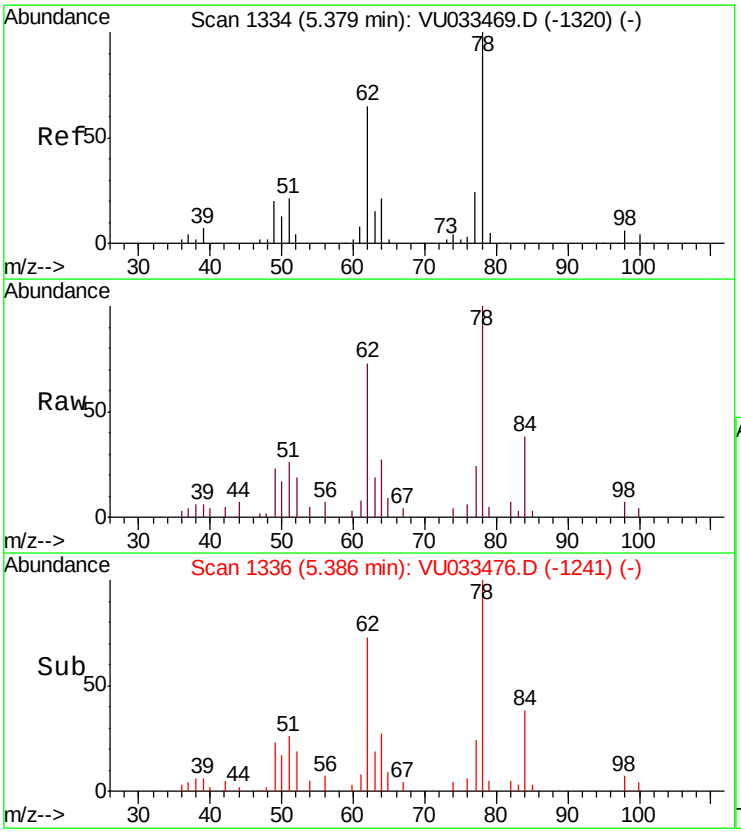
#25
Chloroform
Concen: 5.074 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 21561

Ion	Ratio	Lower	Upper
83	100		
85	70.4	45.6	84.8

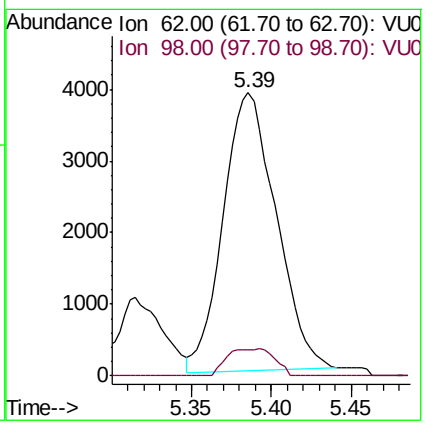


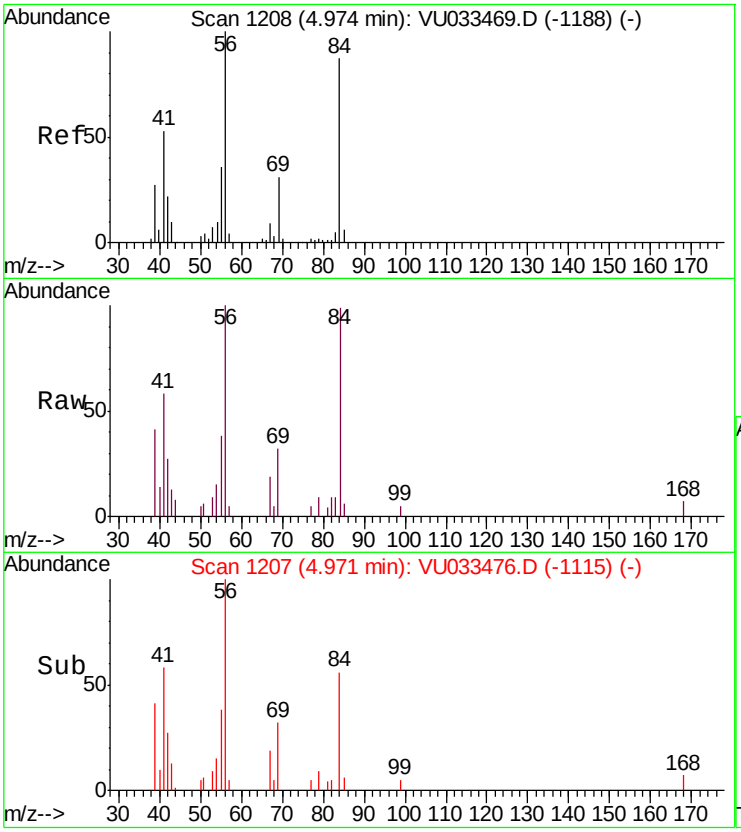


#27
1,2-Dichloroethane
Concen: 2.668 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 62 Resp: 8805

Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.7	10.1



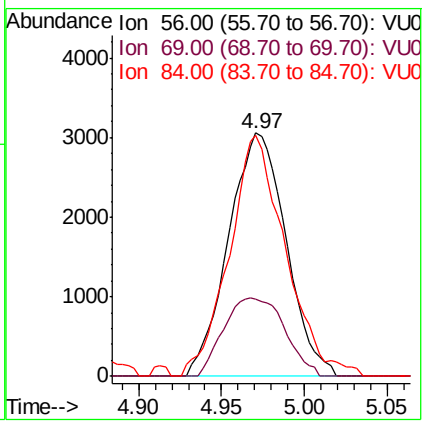


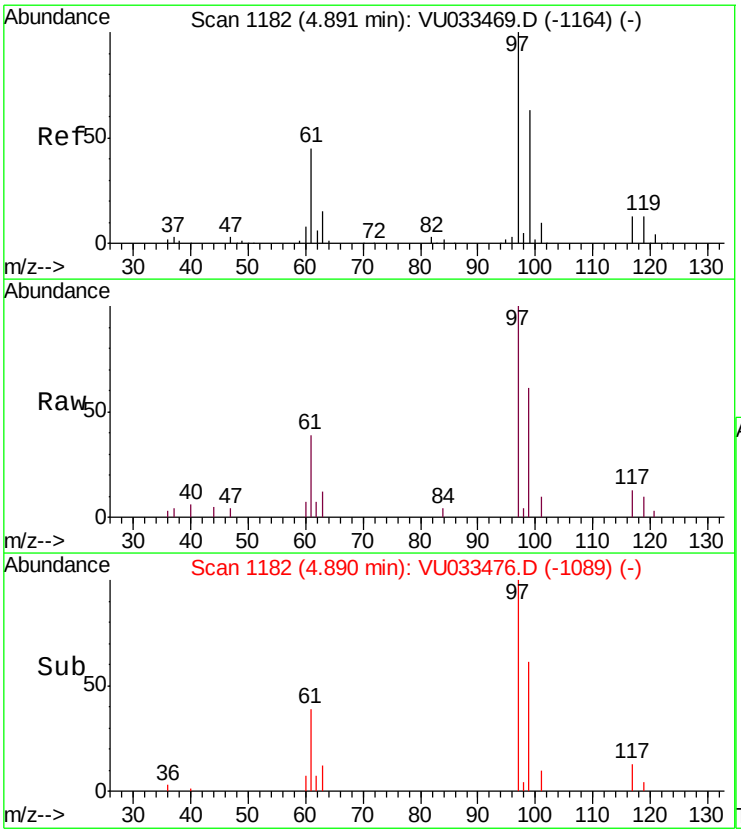
#29
Cyclohexane
Concen: 2.259 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 56 Resp: 7387

Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.3	37.9
84	94.8	69.6	104.4

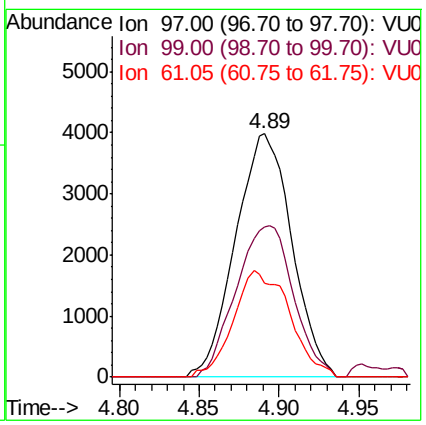


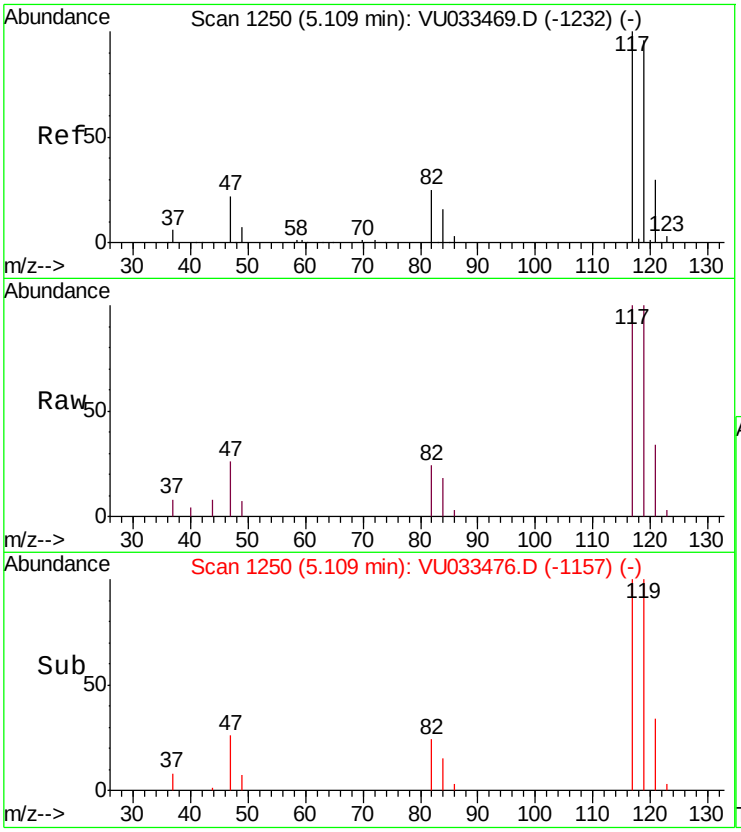


#30
1,1,1-Trichloroethane
Concen: 2.711 ug/L
RT: 4.89 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 97 Resp: 9610

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.6
61	23.9	36.2	54.2#



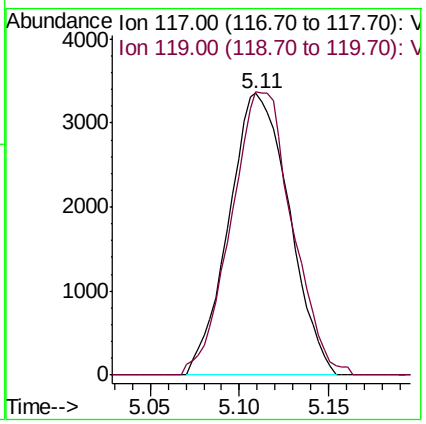


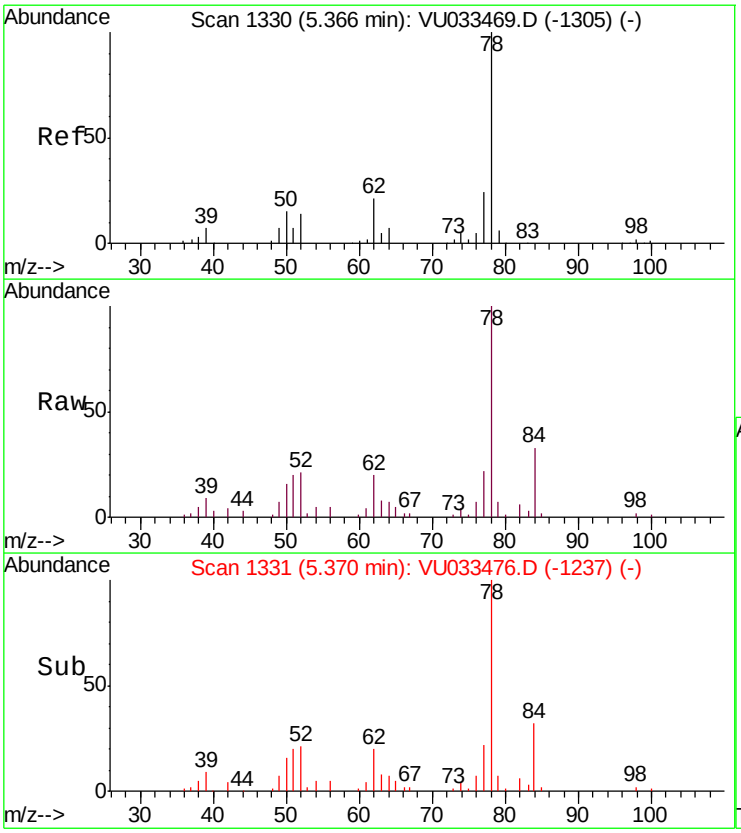
#31
Carbon tetrachloride
Concen: 2.508 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:117 Resp: 7912

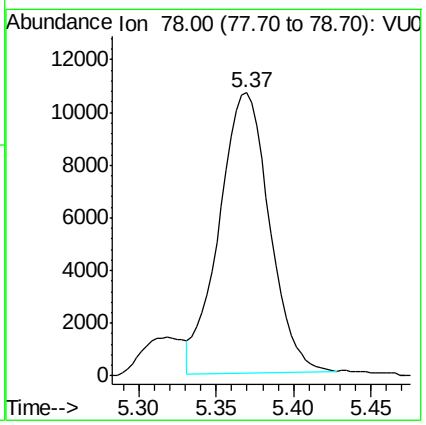
Ion	Ratio	Lower	Upper
117	100		
119	101.5	76.8	115.2

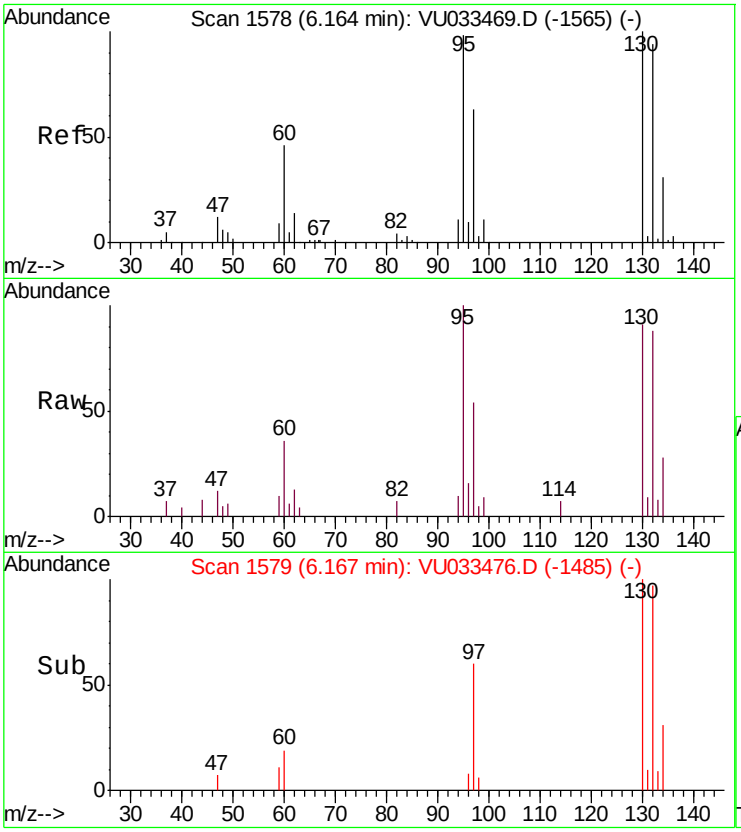




#33
Benzene
Concen: 2.702 ug/L
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 78 Resp: 24037



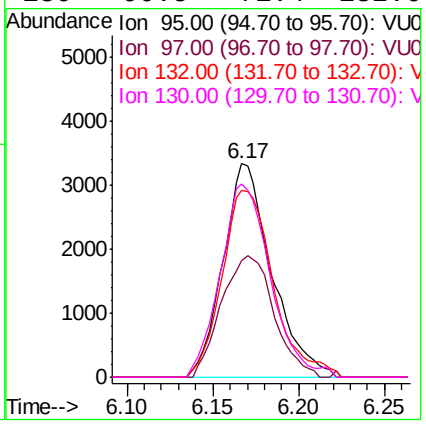


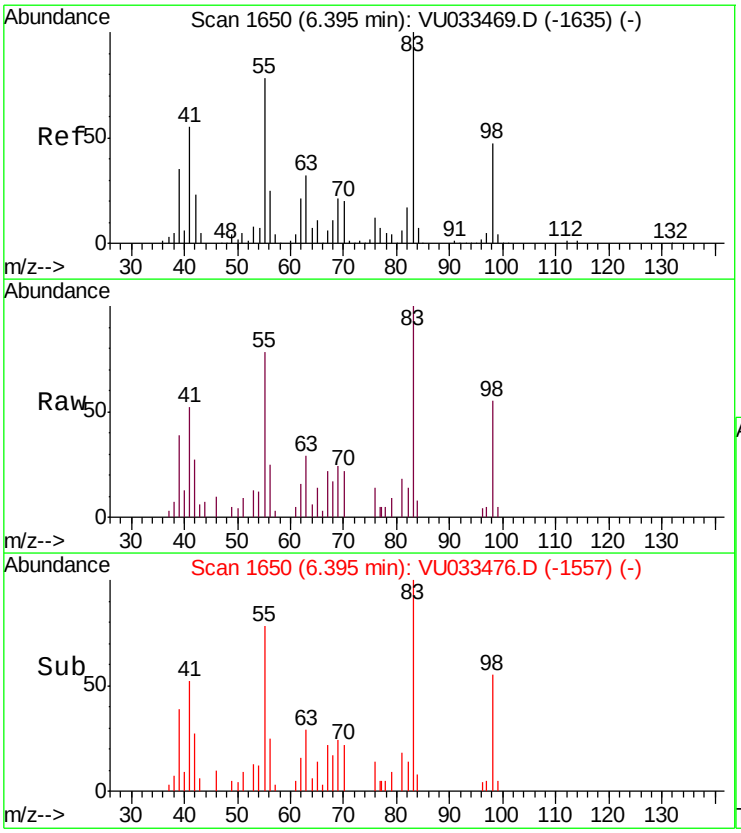
#34
Trichloroethene
Concen: 2.844 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 95 Resp: 6593

Ion	Ratio	Lower	Upper
95	100		
97	54.5	45.4	84.2
132	87.6	67.1	124.5
130	90.5	71.4	132.6

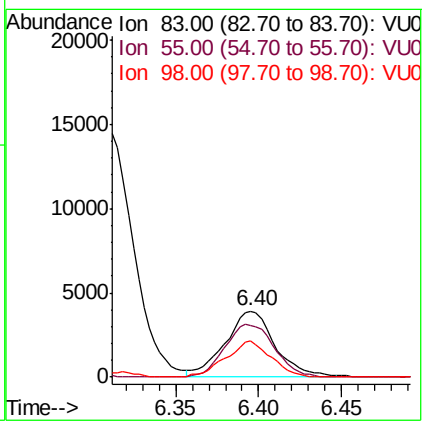


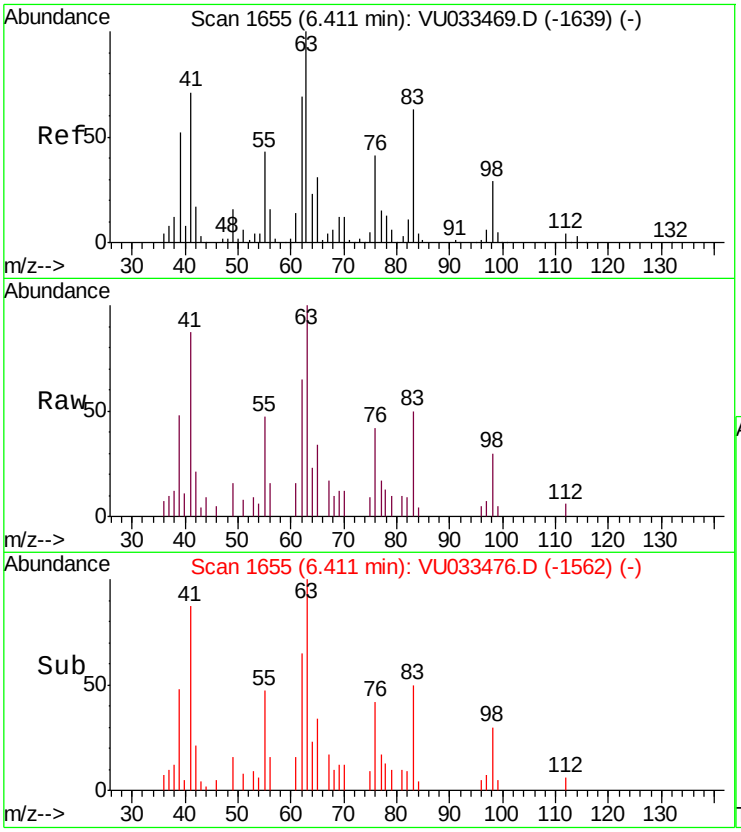


#35
Methylcyclohexane
Concen: 2.343 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 83 Resp: 8257

Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.4	93.6
98	48.9	37.3	55.9



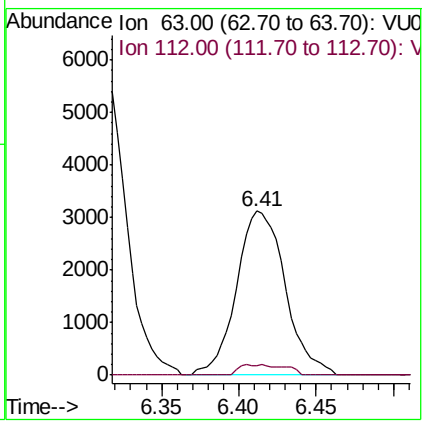


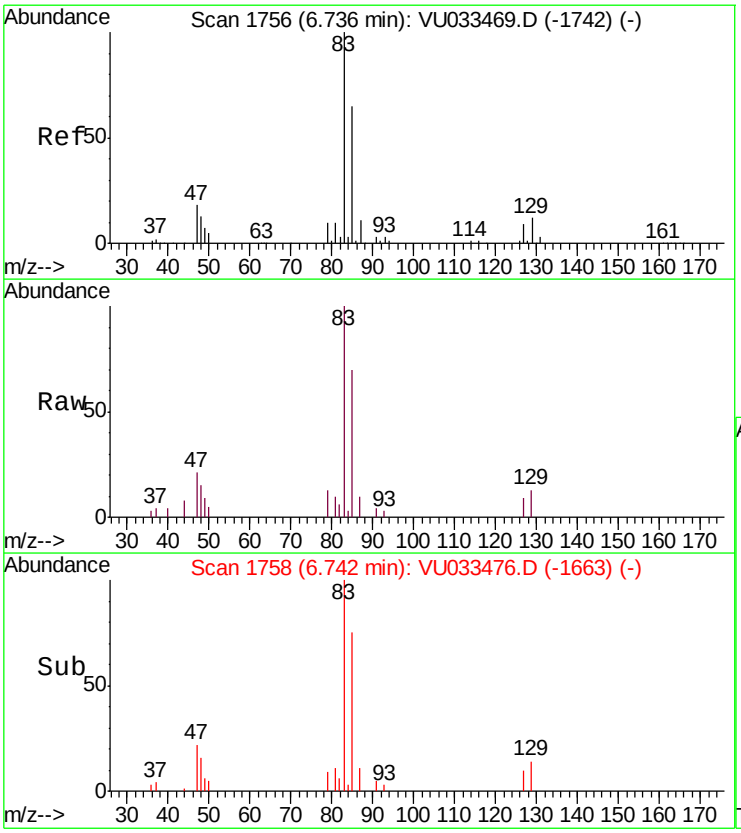
#37
1,2-Dichloropropane
Concen: 2.862 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 63 Resp: 6848

Ion	Ratio	Lower	Upper
63	100		
112	2.4	3.1	4.7#

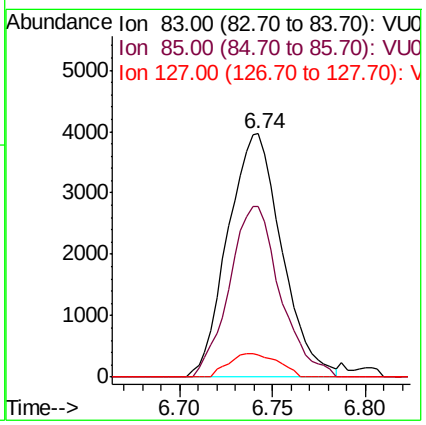


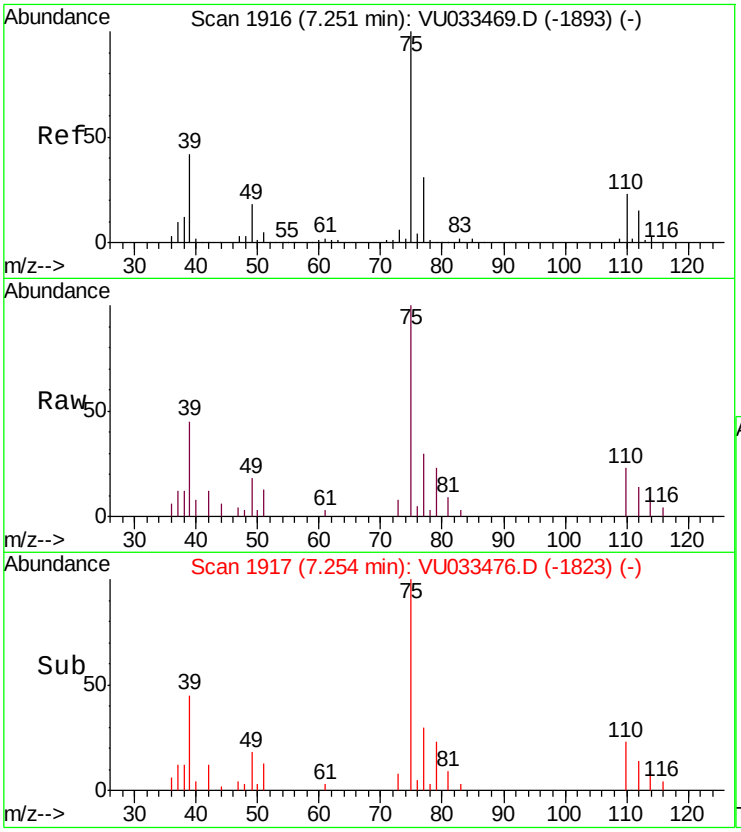


#38
Bromodichloromethane
Concen: 2.543 ug/L
RT: 6.74 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 83 Resp: 8011

Ion	Ratio	Lower	Upper
83	100		
85	70.1	45.4	84.4
127	9.2	7.3	10.9



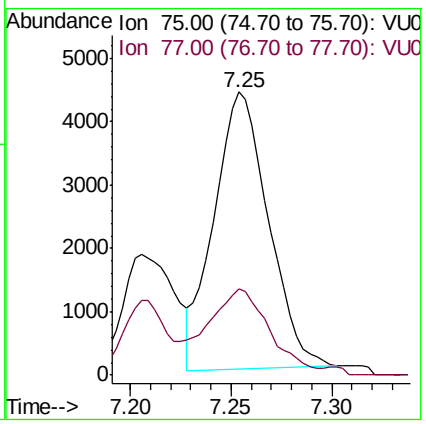


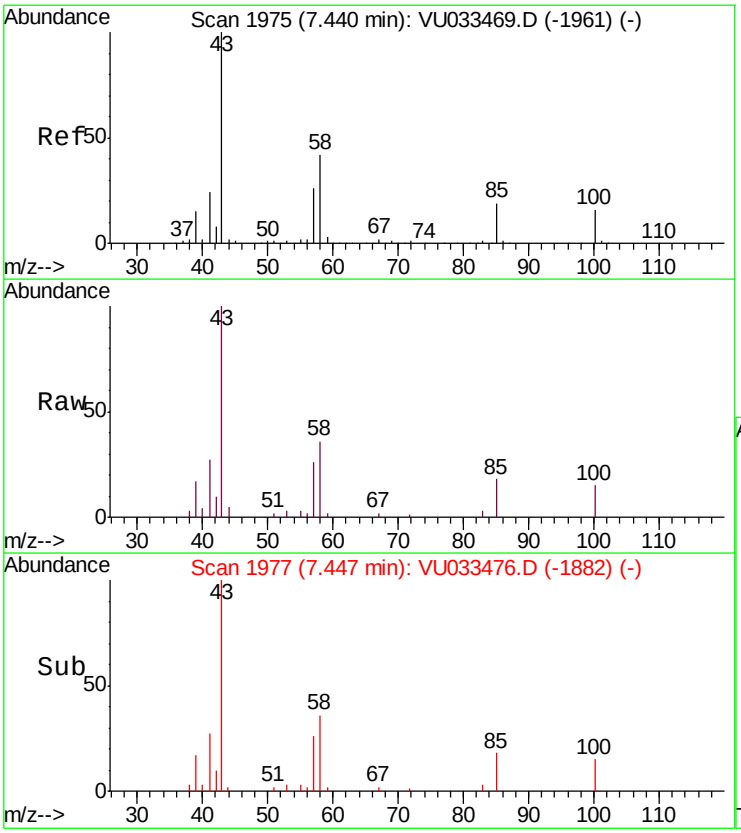
#39
cis-1,3-Dichloropropene
Concen: 2.312 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 8249

Ion	Ratio	Lower	Upper
75	100		
77	30.4	21.6	40.2

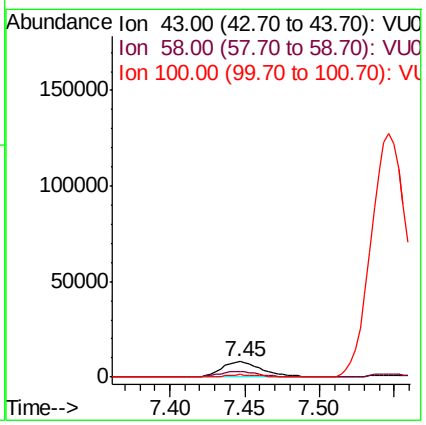


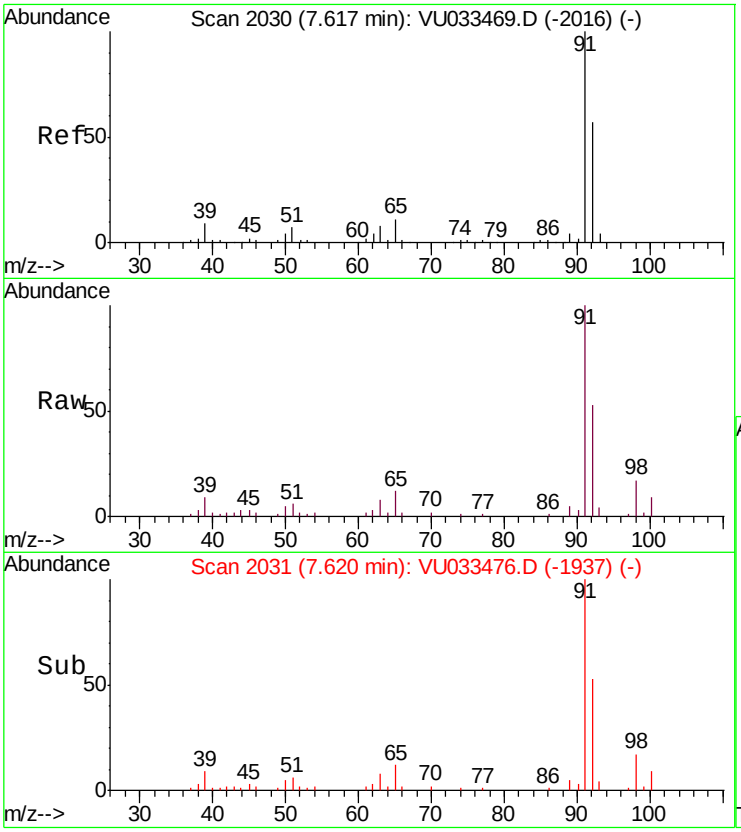


#40
4-Methyl-2-pentanone
Concen: 4.948 ug/L
RT: 7.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 43 Resp: 15603

Ion	Ratio	Lower	Upper
43	100		
58	37.0	33.4	50.2
100	13.8	12.3	18.5



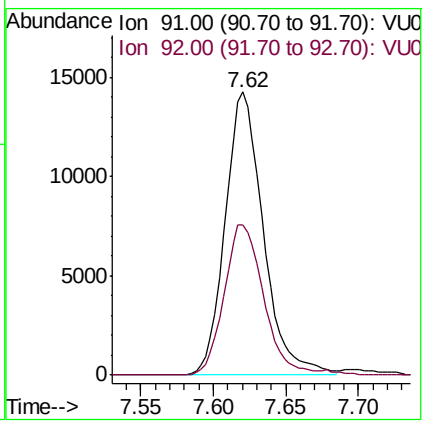


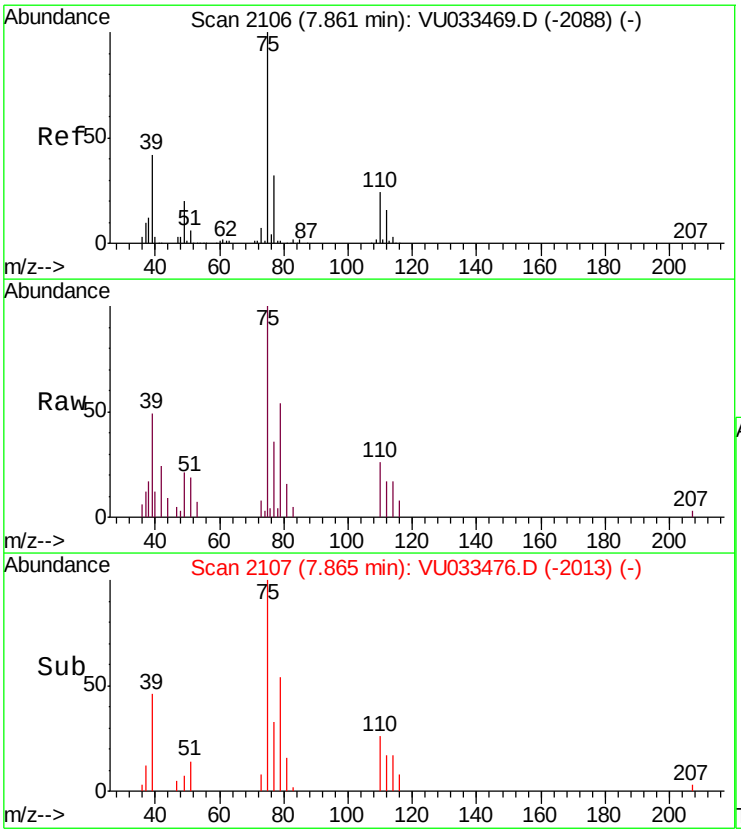
#42
Toluene
Concen: 2.717 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 91 Resp: 26012

Ion	Ratio	Lower	Upper
91	100		
92	53.3	40.1	74.5

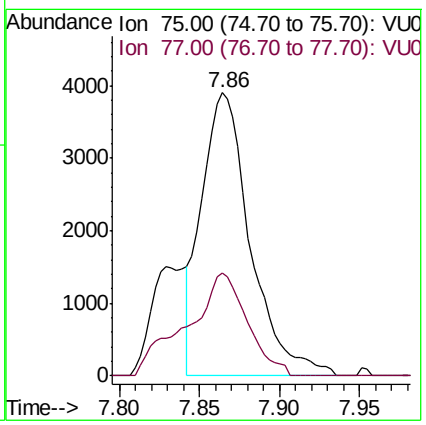


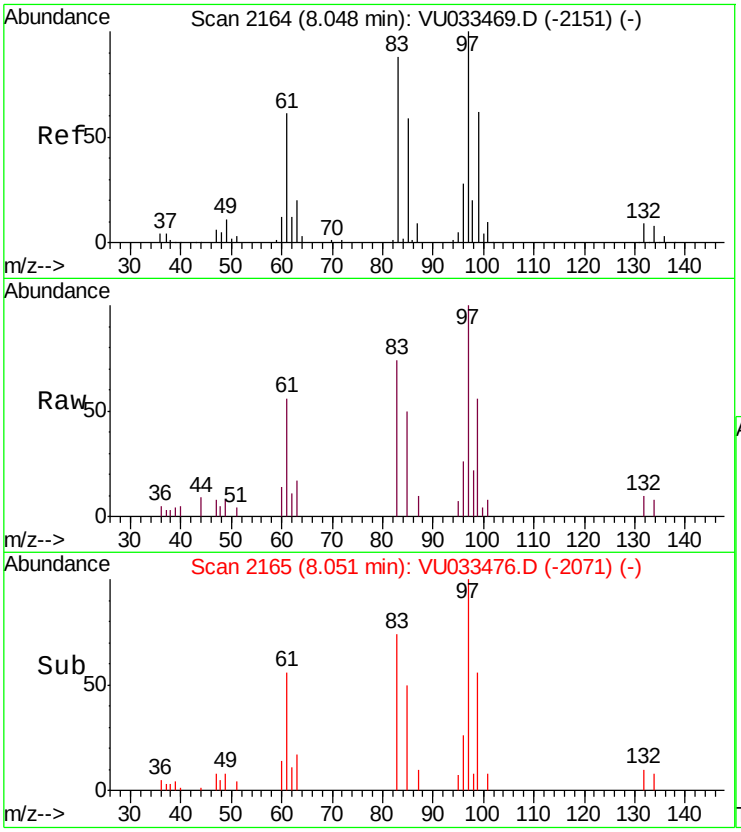


#44
trans-1,3-Dichloropropene
Concen: 2.550 ug/L
RT: 7.86 min Scan# 2107
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 75 Resp: 8257

Ion	Ratio	Lower	Upper
75	100		
77	36.4	22.3	41.5



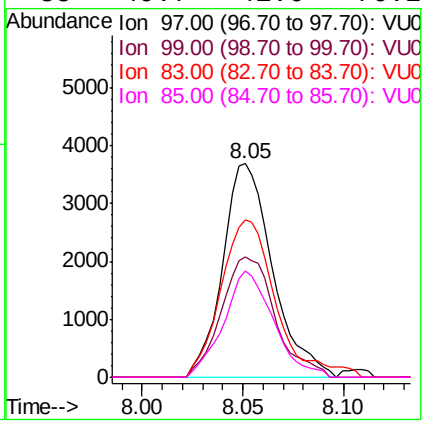


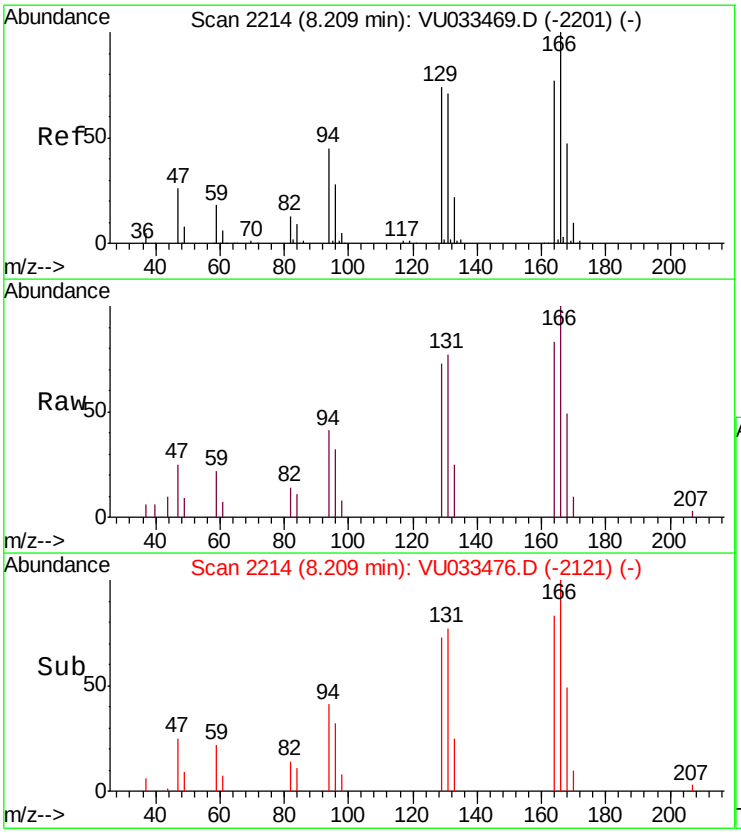
#45
1,1,2-Trichloroethane
Concen: 2.803 ug/L
RT: 8.05 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 97 Resp: 6397

Ion	Ratio	Lower	Upper
97	100		
99	56.3	43.3	80.5
83	73.8	61.3	113.9
85	49.7	41.0	76.2

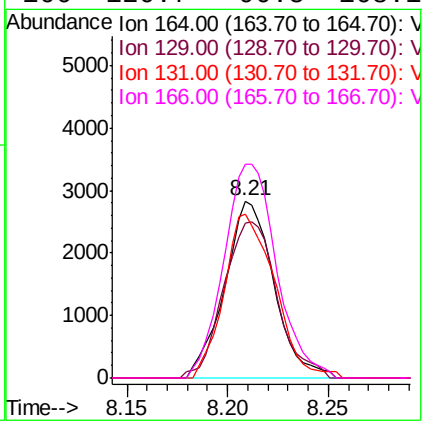


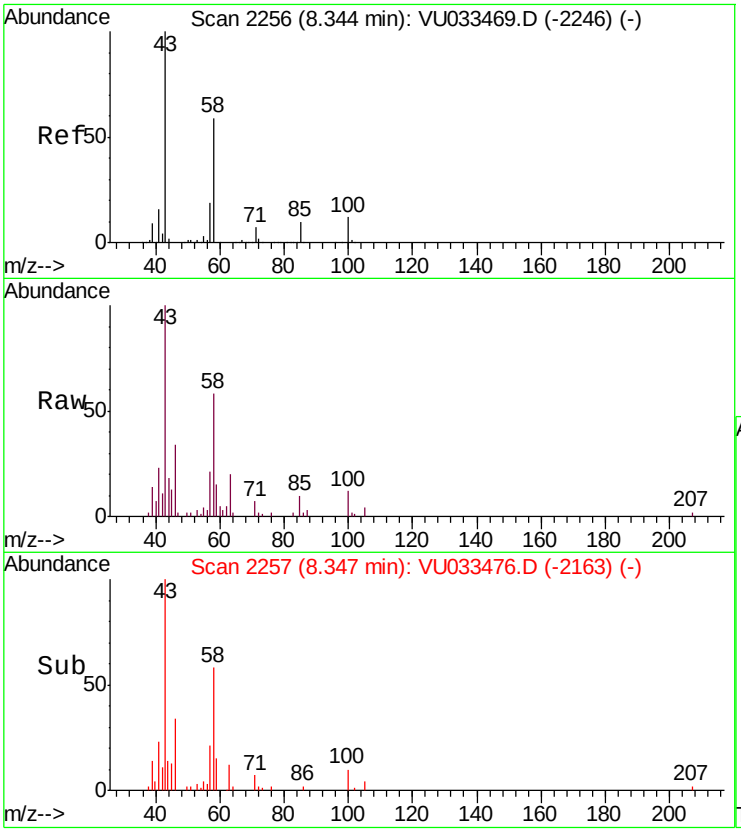


#46
Tetrachloroethene
Concen: 2.563 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:164 Resp: 4835

Ion	Ratio	Lower	Upper
164	100		
129	87.6	66.6	123.8
131	92.5	63.9	118.7
166	120.7	90.5	168.1



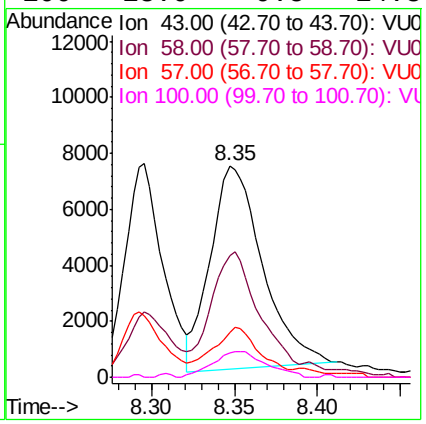


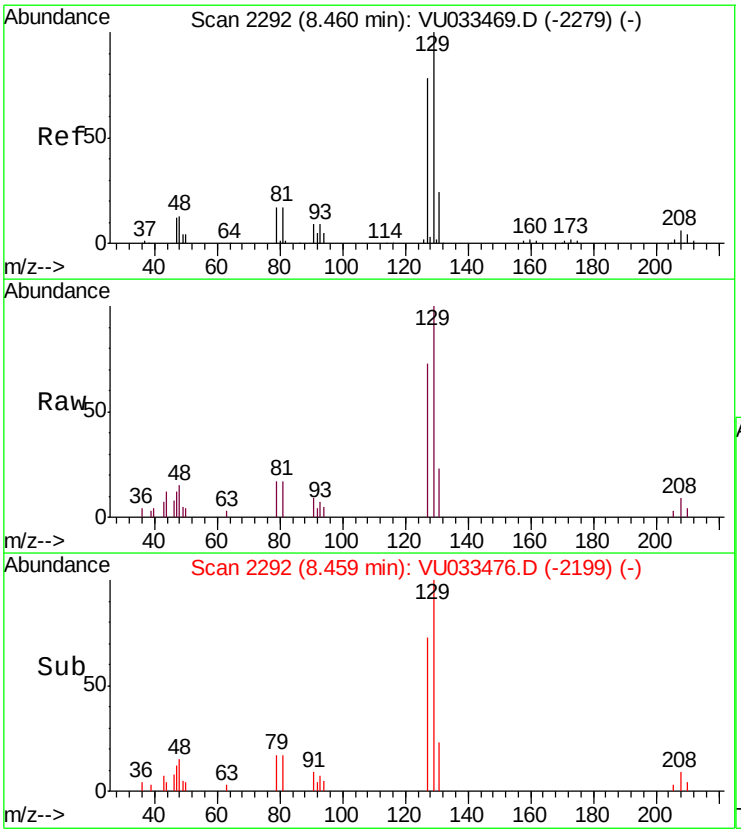
#48
2-Hexanone
Concen: 6.209 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 15952

Ion	Ratio	Lower	Upper
43	100		
58	53.9	46.6	69.8
57	17.9	16.0	24.0
100	13.0	9.5	14.3

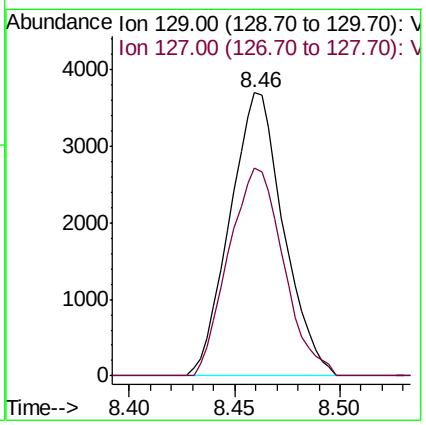


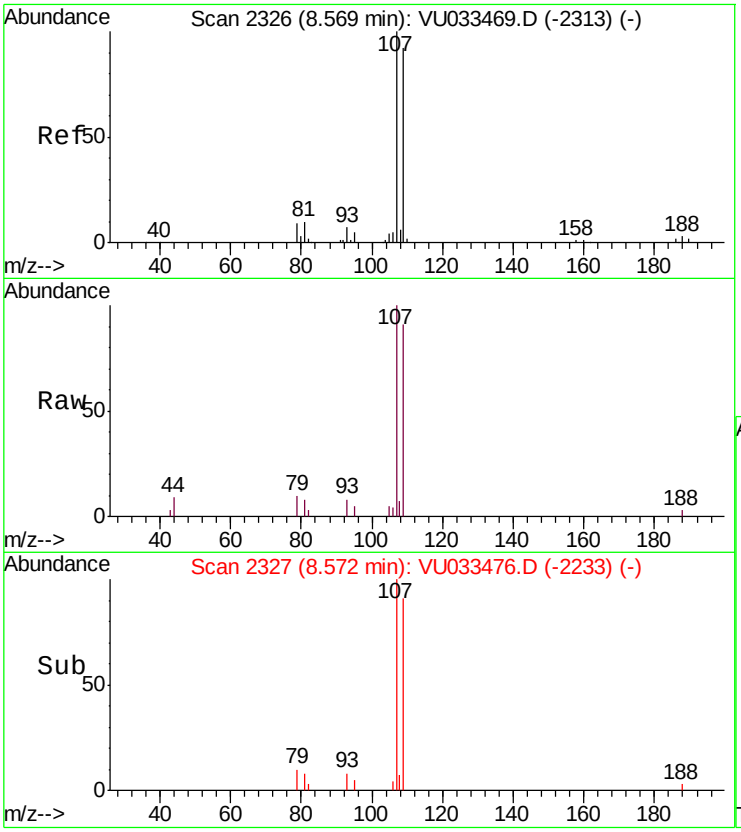


#49
Dibromochloromethane
Concen: 2.559 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:129 Resp: 6538

Ion	Ratio	Lower	Upper
129	100		
127	73.4	54.5	101.1



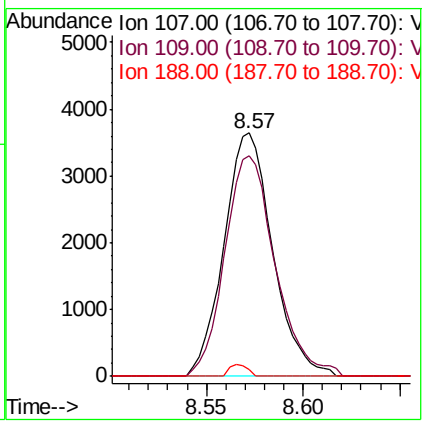


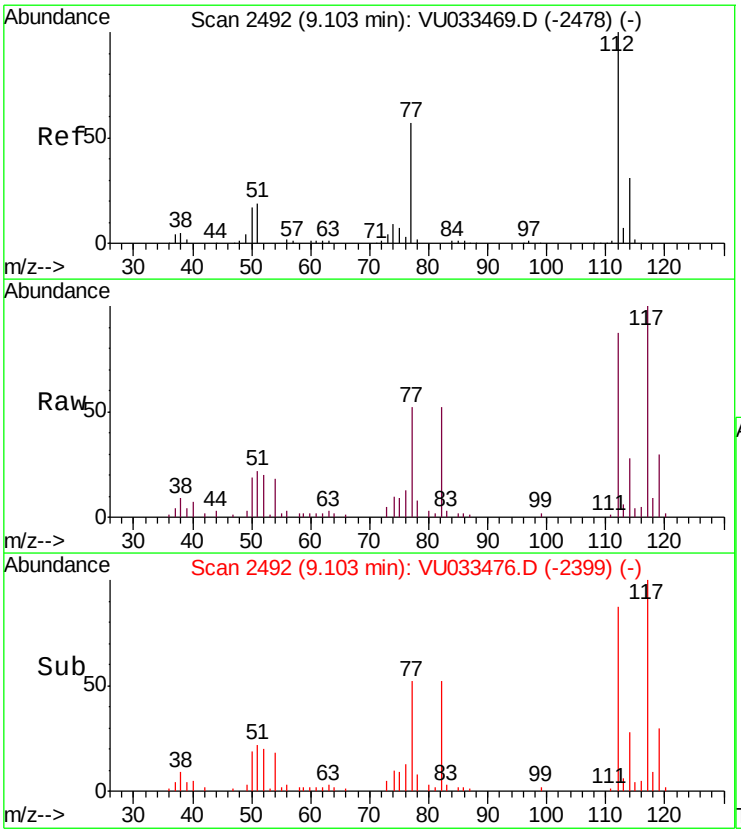
#50
1,2-Dibromoethane
Concen: 2.579 ug/L
RT: 8.57 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:107 Resp: 6384

Ion	Ratio	Lower	Upper
107	100		
109	90.5	64.7	120.1
188	3.0	2.8	4.2

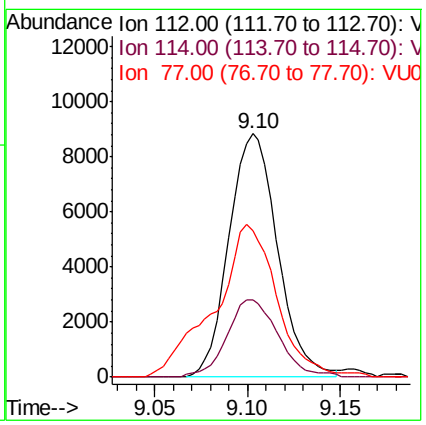


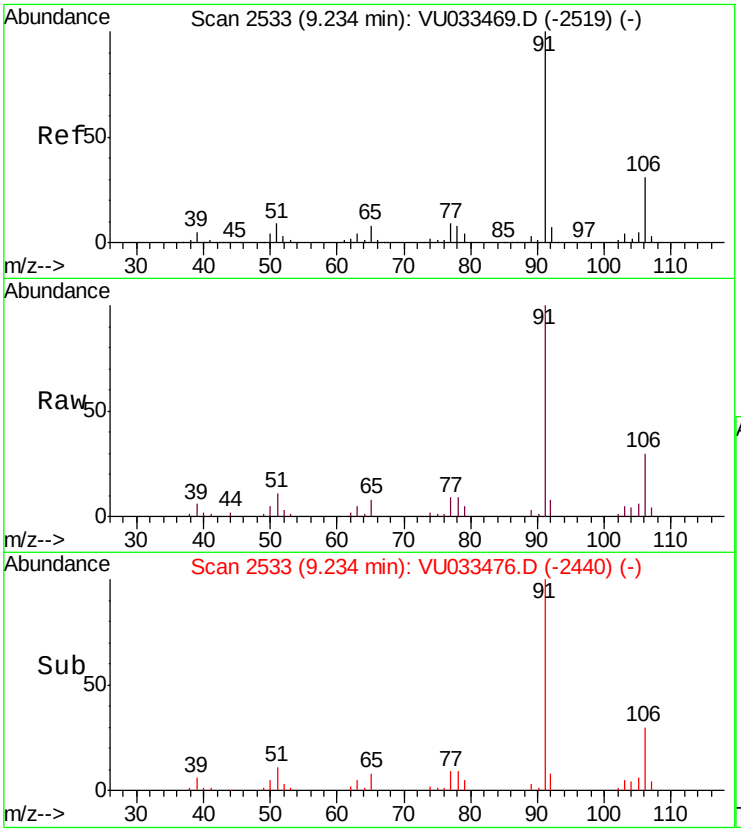


#51
Chlorobenzene
Concen: 2.540 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:112 Resp: 16159

Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.9	40.7
77	60.3	46.1	69.1



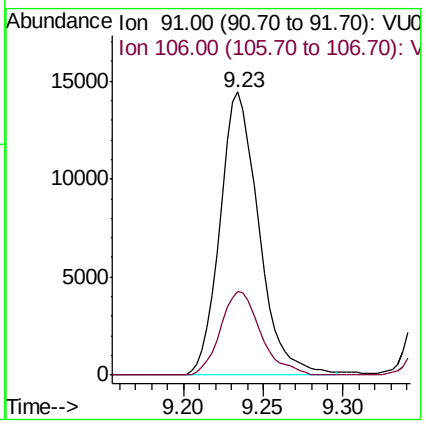


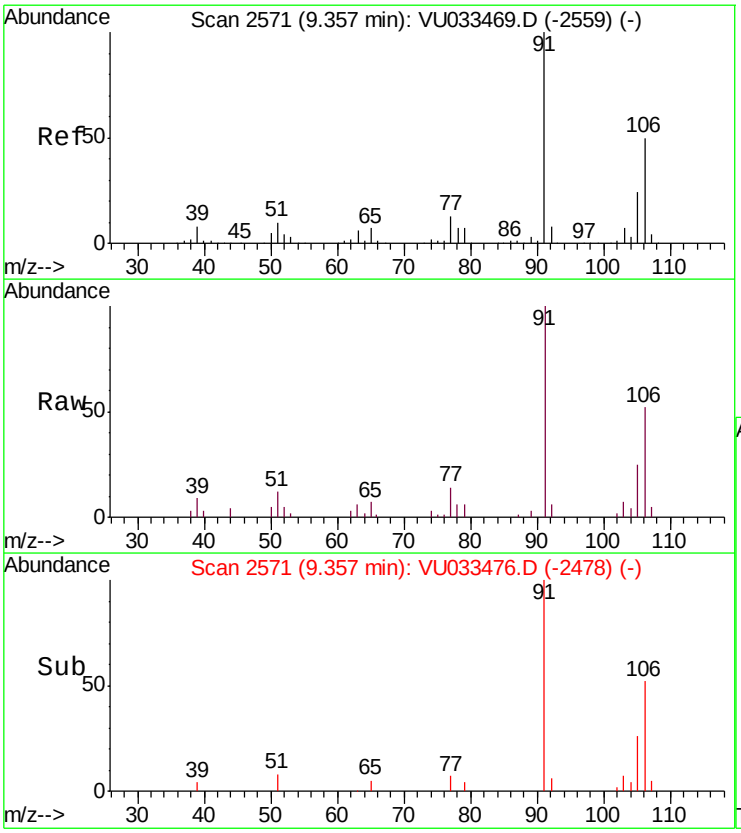
#52
Ethylbenzene
Concen: 2.312 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 23998

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.6	40.2

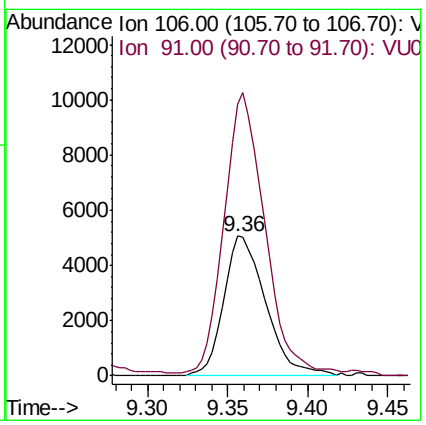


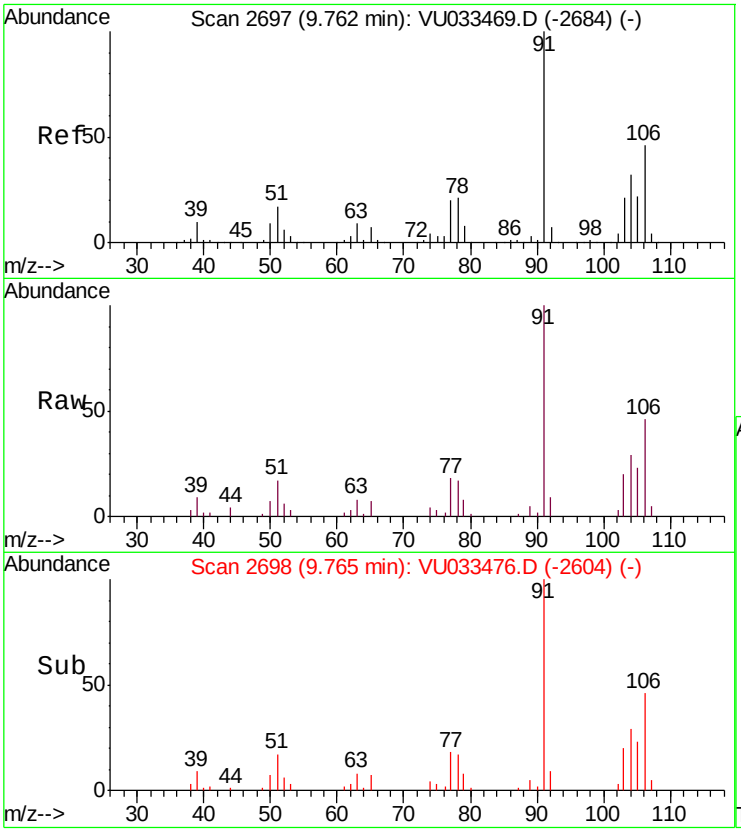


#53
m,p-Xylene
Concen: 2.334 ug/L
RT: 9.36 min Scan# 2571
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:106 Resp: 9109

Ion	Ratio	Lower	Upper
106	100		
91	194.0	140.7	261.3



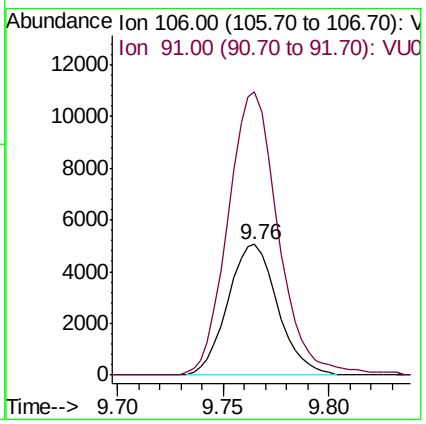


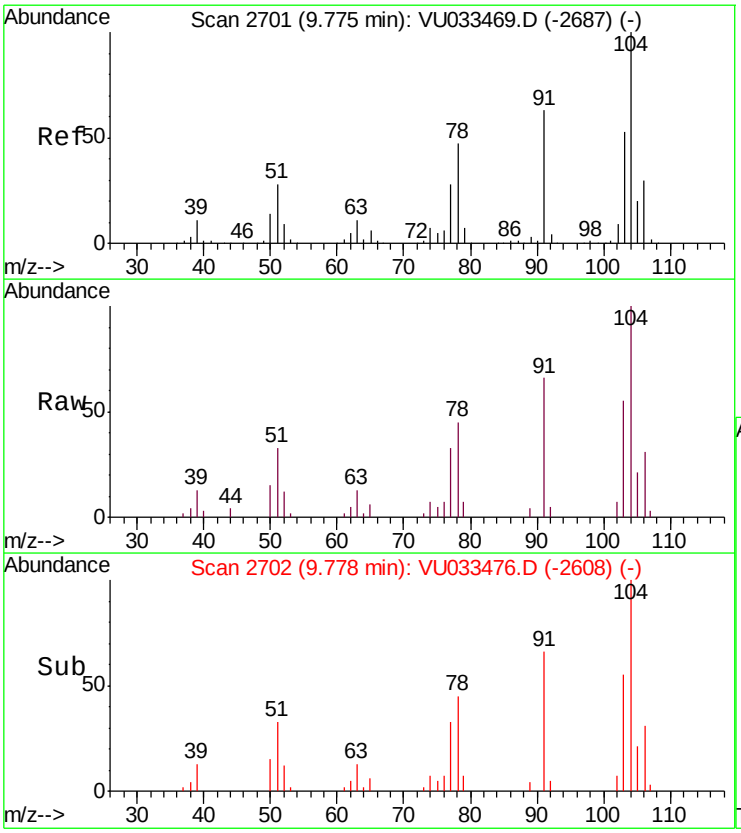
#54
o-xylene
Concen: 2.176 ug/L
RT: 9.76 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 8327

Ion	Ratio	Lower	Upper
106	100		
91	216.4	151.1	280.7

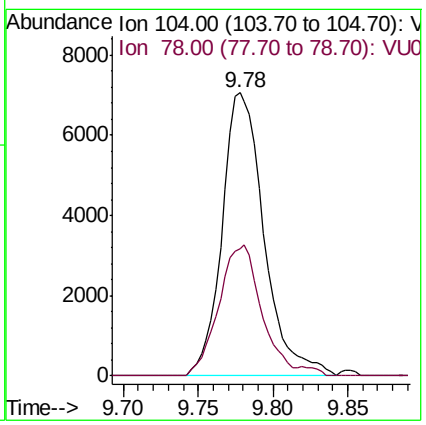


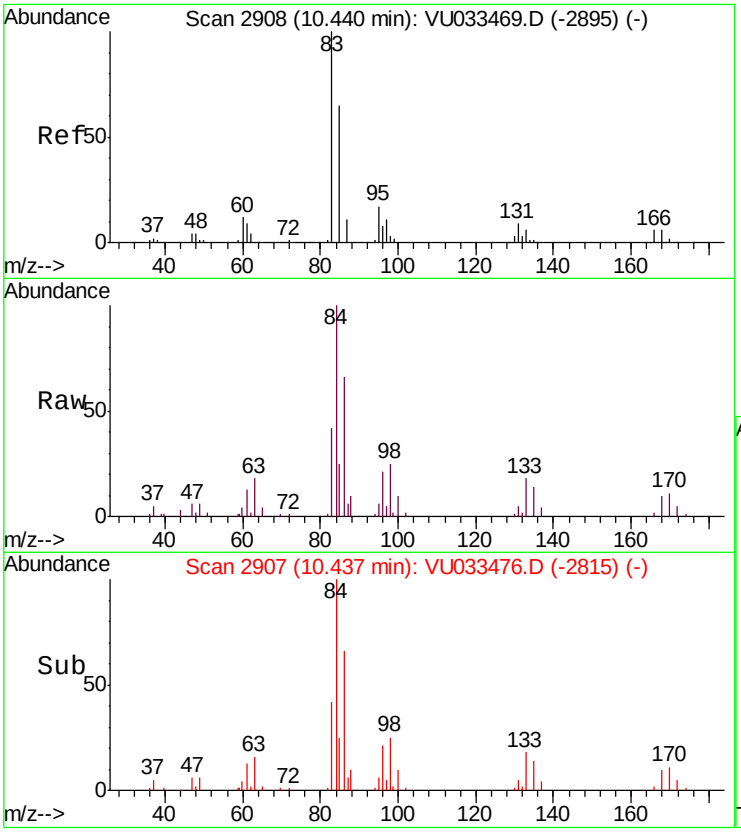


#55
Styrene
Concen: 2.125 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:104 Resp: 13797

Ion	Ratio	Lower	Upper
104	100		
78	45.1	32.6	60.5



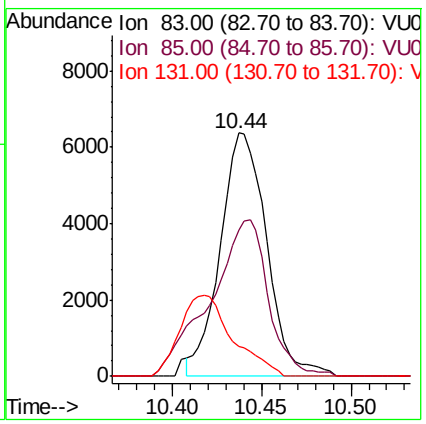


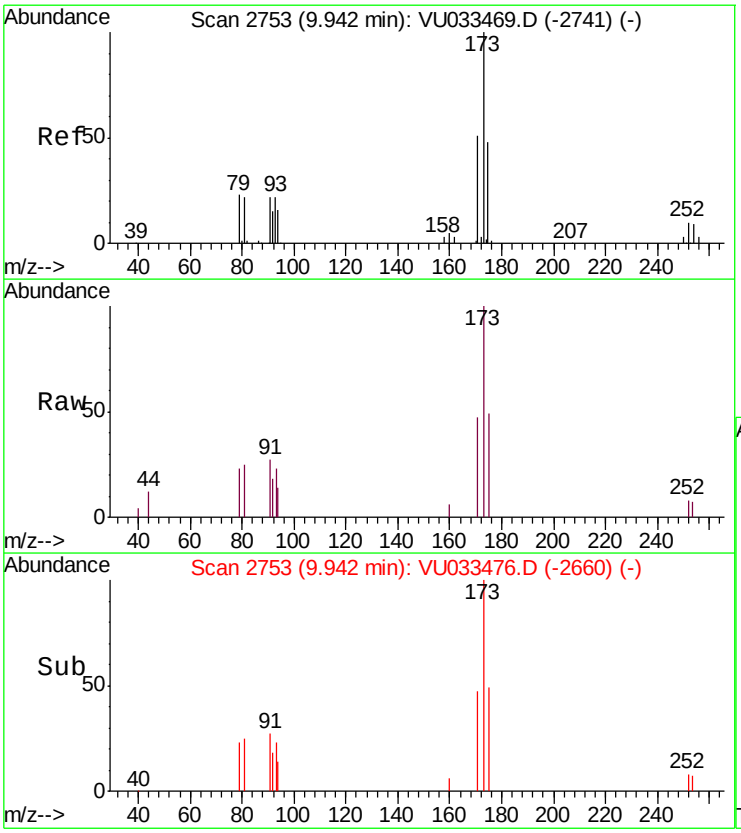
#57
1,1,2,2-Tetrachloroethane
Concen: 2.853 ug/L
RT: 10.44 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 11575

Ion	Ratio	Lower	Upper
83	100		
85	60.3	45.9	85.3
131	12.5	7.8	11.8#

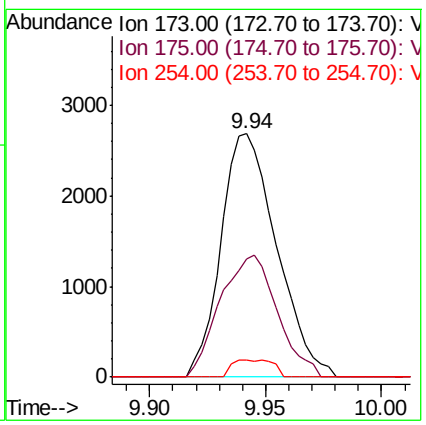


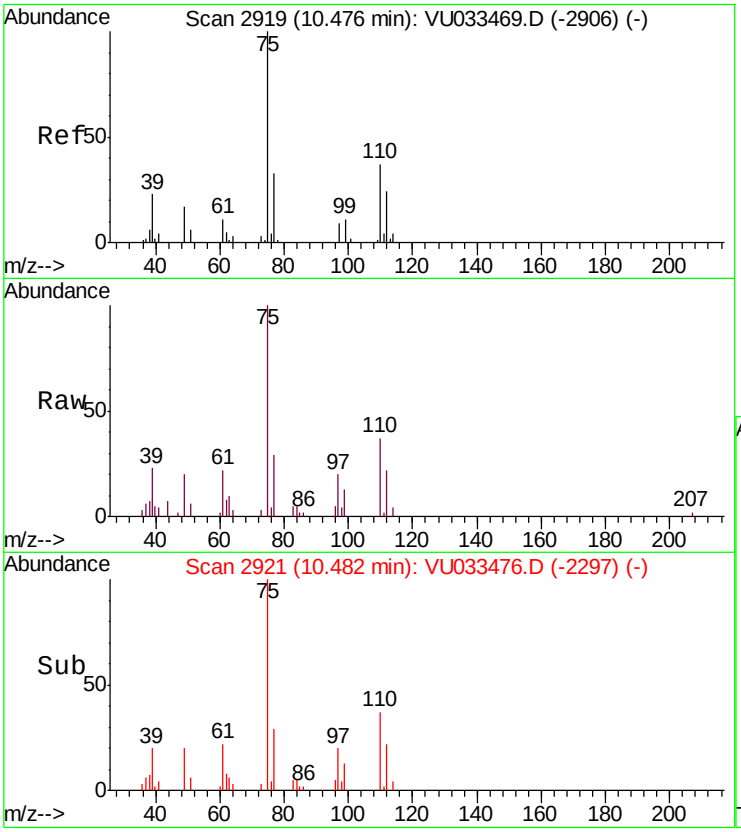


#59
Bromoform
Concen: 2.653 ug/L
RT: 9.94 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:173 Resp: 4482

Ion	Ratio	Lower	Upper
173	100		
175	51.4	38.1	57.1
254	3.0	7.3	10.9#



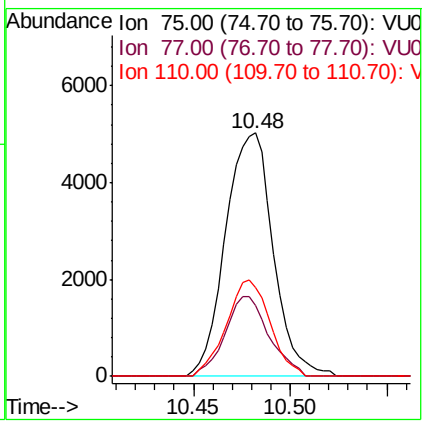


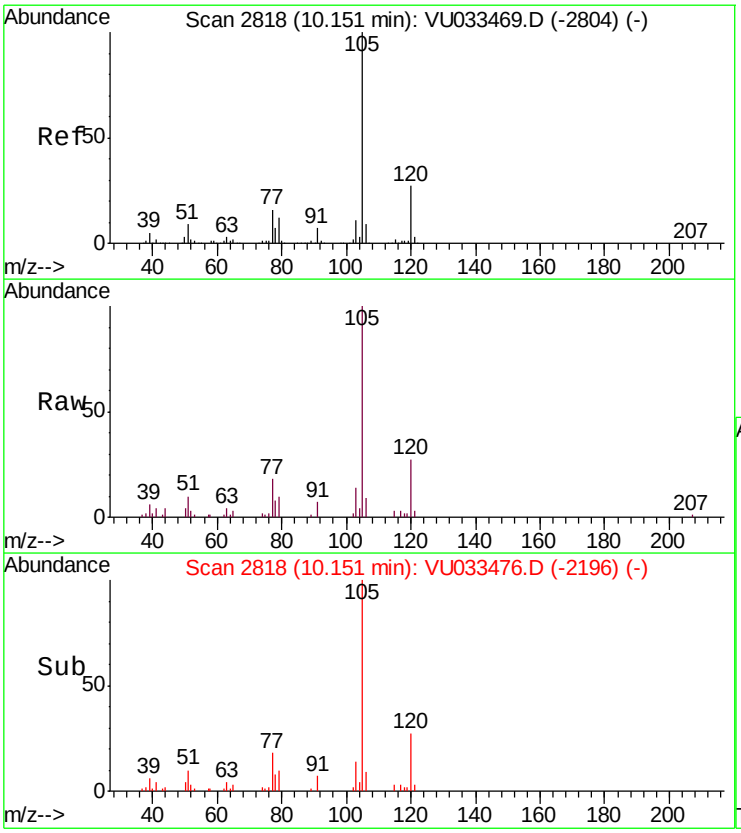
#60
1,2,3-Trichloropropane
Concen: 3.128 ug/L
RT: 10.48 min Scan# 2921
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 8606

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.9	38.9
110	36.1	30.2	45.4

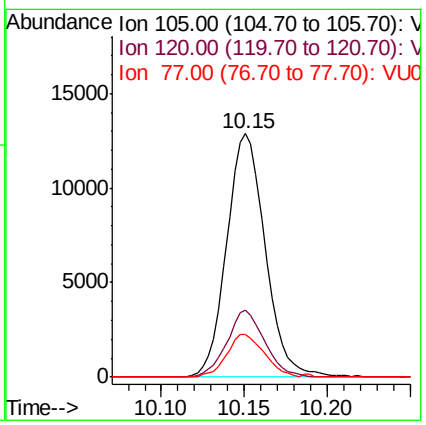


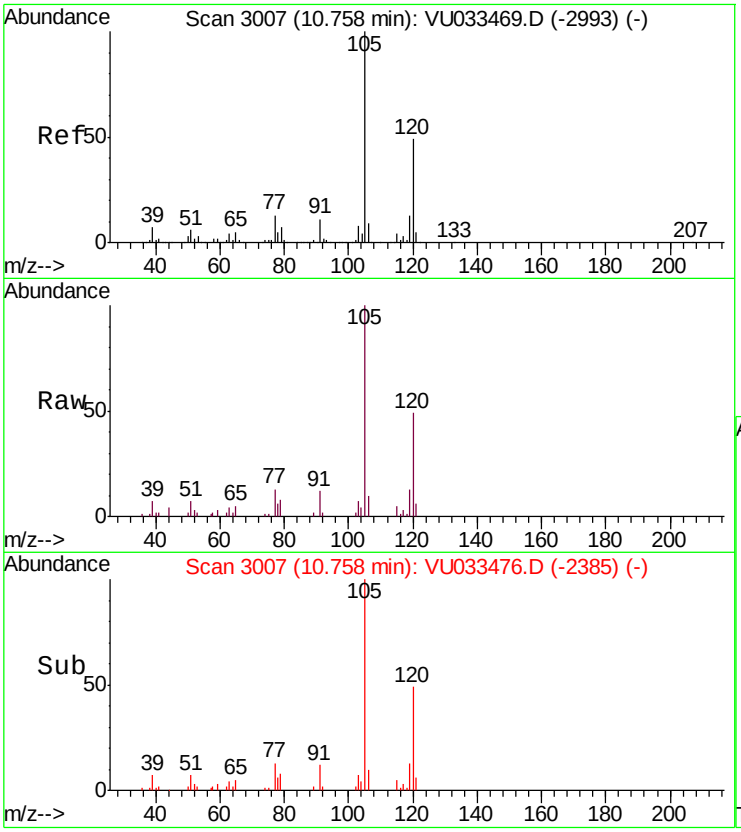


#61
Isopropylbenzene
Concen: 2.411 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:105 Resp: 20856

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.7	32.5
77	17.1	12.6	19.0



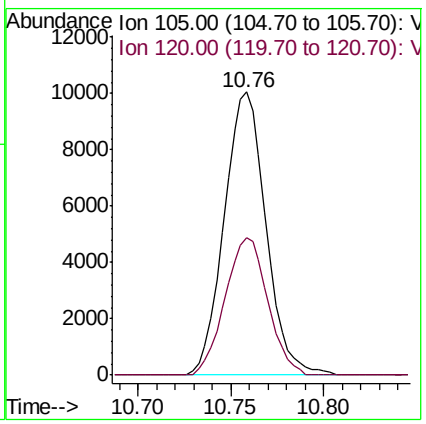


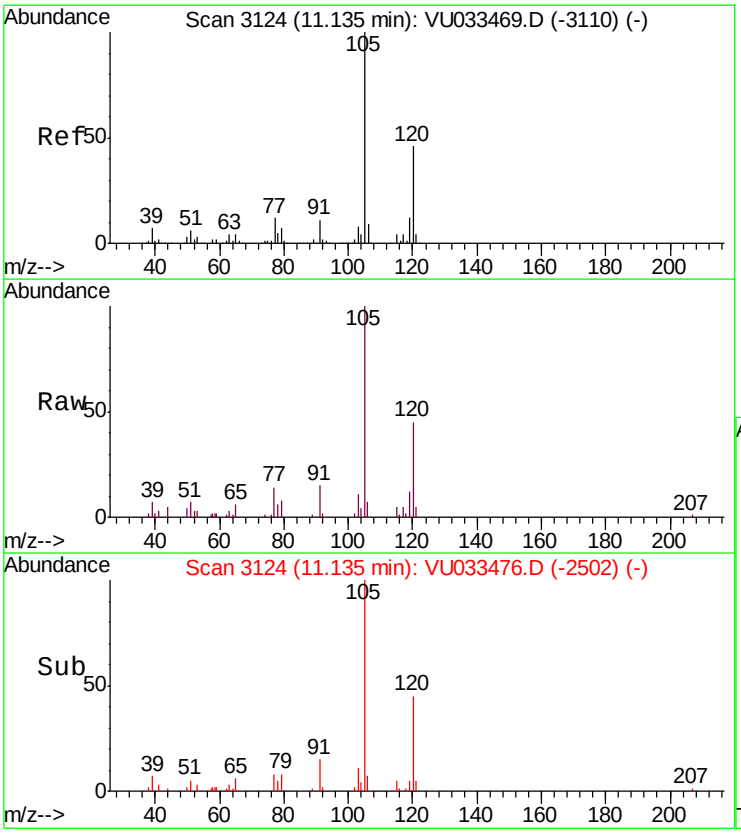
#62
1,3,5-Trimethylbenzene
Concen: 2.239 ug/L
RT: 10.76 min Scan# 3007
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 15695

Ion	Ratio	Lower	Upper
105	100		
120	49.5	39.0	58.6

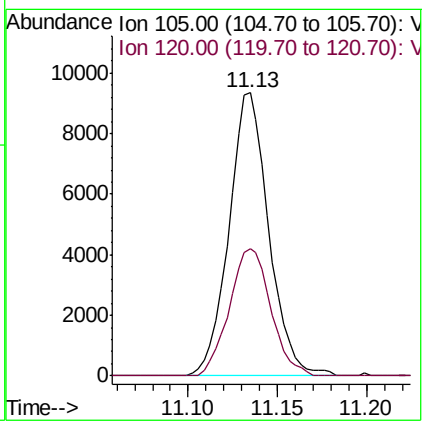


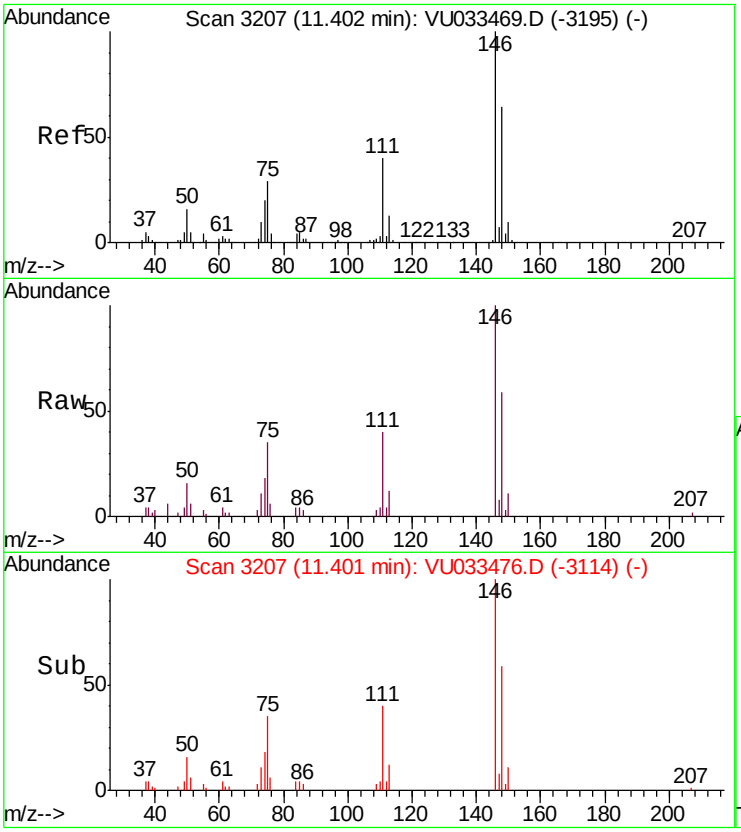


#63
1,2,4-Trimethylbenzene
Concen: 2.090 ug/L
RT: 11.13 min Scan# 3124
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:105 Resp: 14529

Ion	Ratio	Lower	Upper
105	100		
120	46.8	36.6	55.0



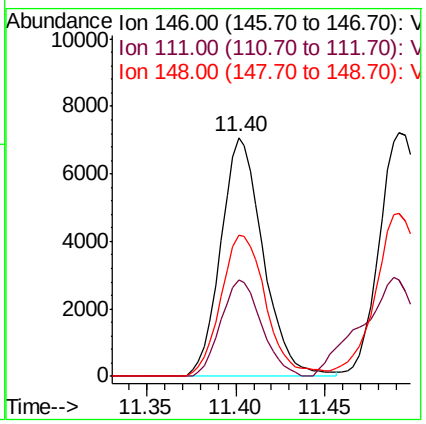


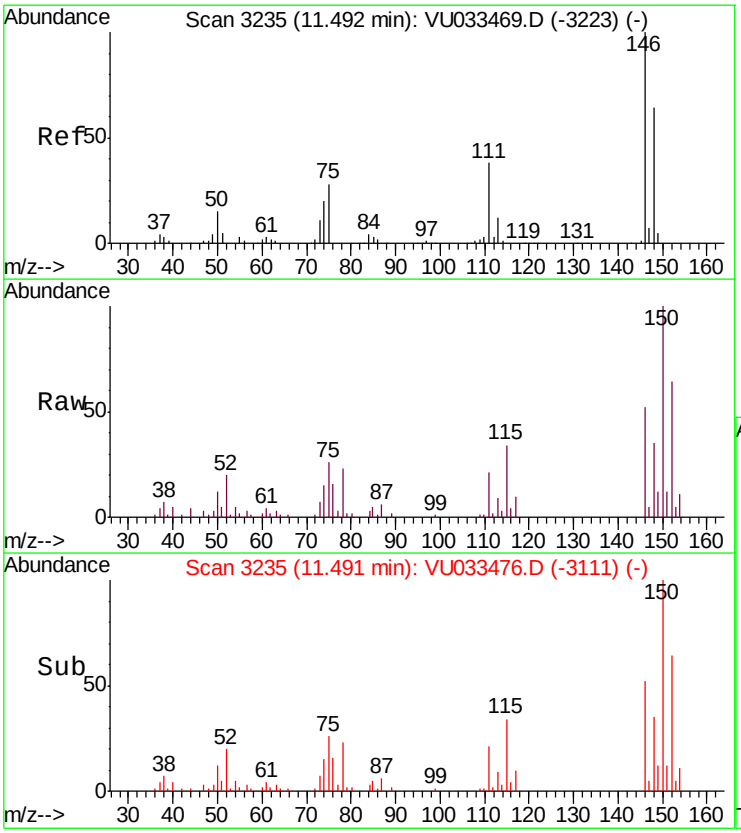
#64
1,3-Dichlorobenzene
Concen: 2.641 ug/L
RT: 11.40 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 11645

Ion	Ratio	Lower	Upper
146	100		
111	40.3	28.2	52.4
148	59.1	44.4	82.5

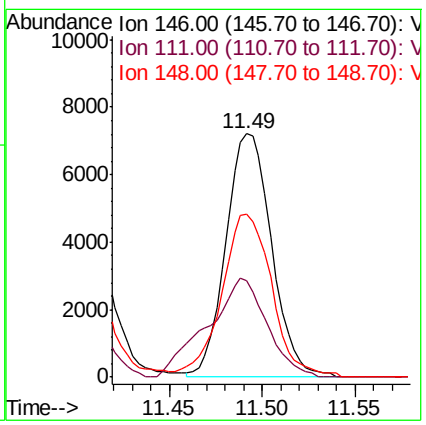


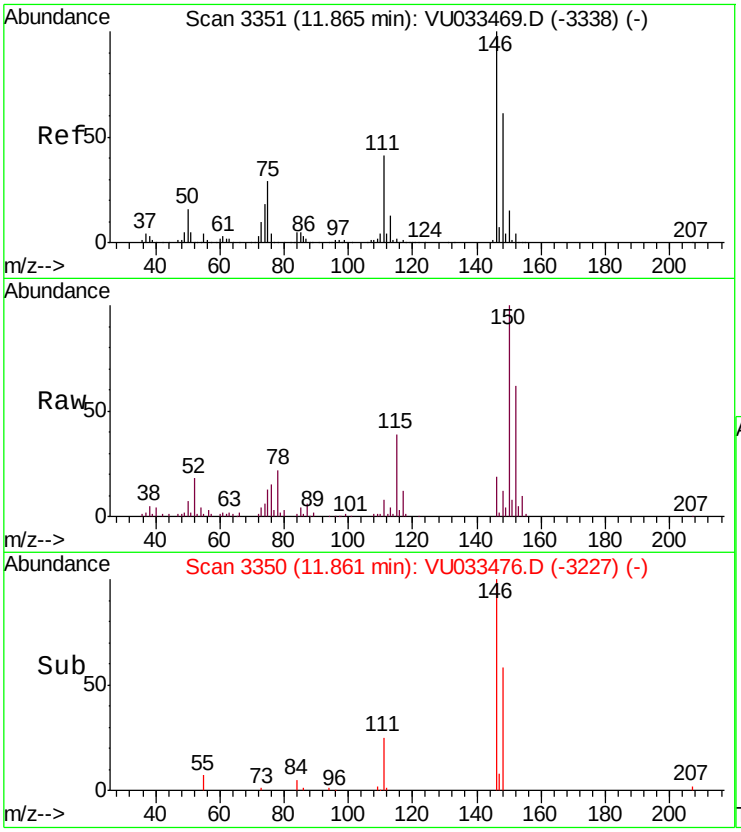


#65
1,4-Dichlorobenzene
Concen: 2.711 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:146 Resp: 12348

Ion	Ratio	Lower	Upper
146	100		
111	39.7	27.0	50.2
148	66.9	44.7	82.9



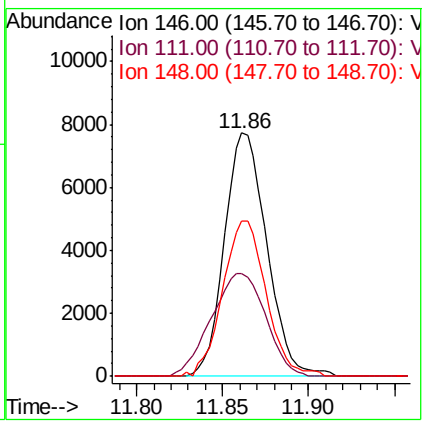


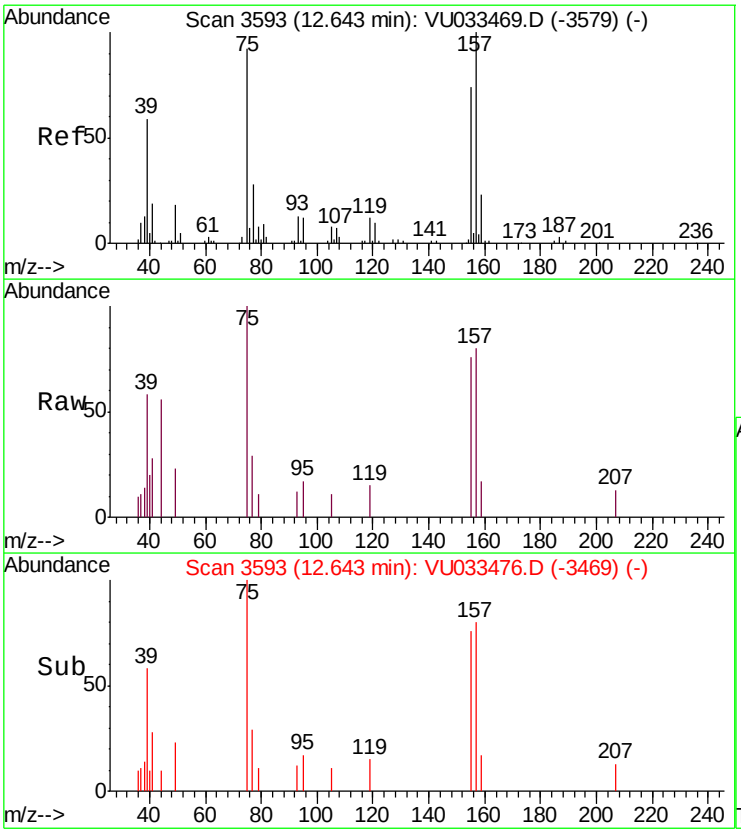
#67
1,2-Dichlorobenzene
Concen: 2.998 ug/L
RT: 11.86 min Scan# 3350
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 13247

Ion	Ratio	Lower	Upper
146	100		
111	42.1	32.8	49.2
148	63.7	49.2	73.8

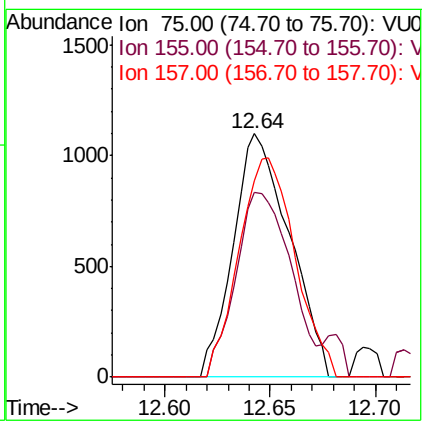


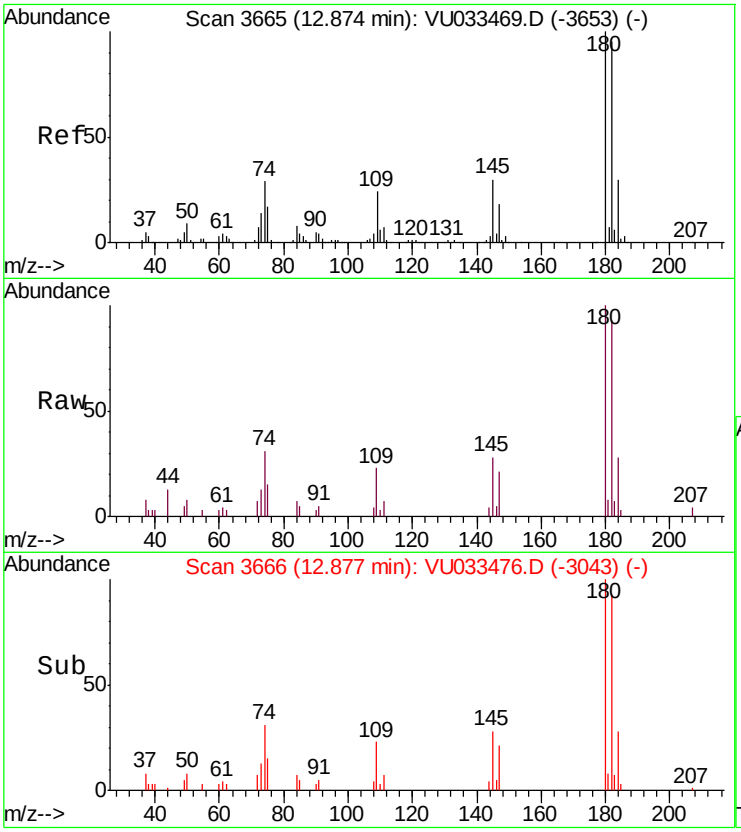


#68
1,2-Dibromo-3-chloropropane
Concen: 2.657 ug/L
RT: 12.64 min Scan# 3593
Delta R.T. -0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion: 75 Resp: 2033

Ion	Ratio	Lower	Upper
75	100		
155	75.8	64.8	97.2
157	80.4	87.1	130.7#



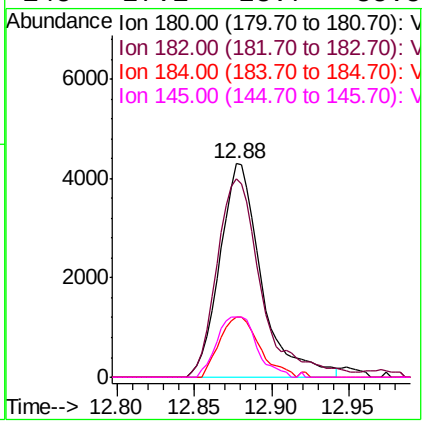


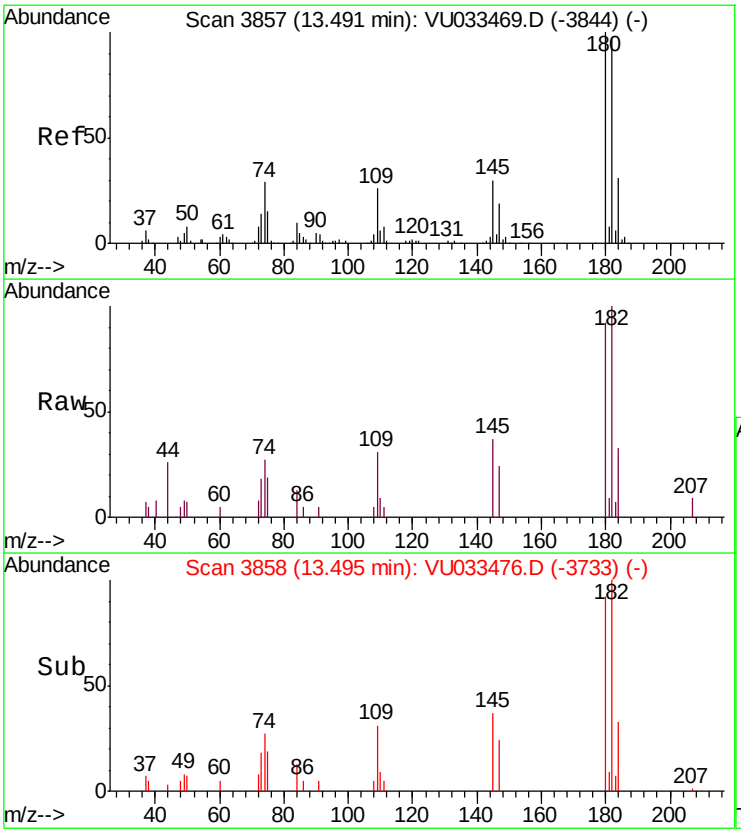
#69
1,3,5-Trichlorobenzene
Concen: 2.400 ug/L
RT: 12.88 min Scan# 3666
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 8034

Ion	Ratio	Lower	Upper
180	100		
182	90.3	76.2	114.4
184	26.9	24.1	36.1
145	27.1	23.7	35.5

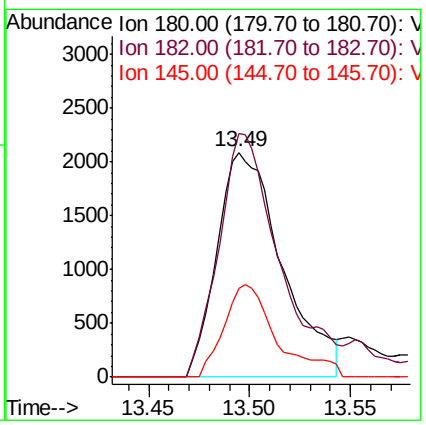


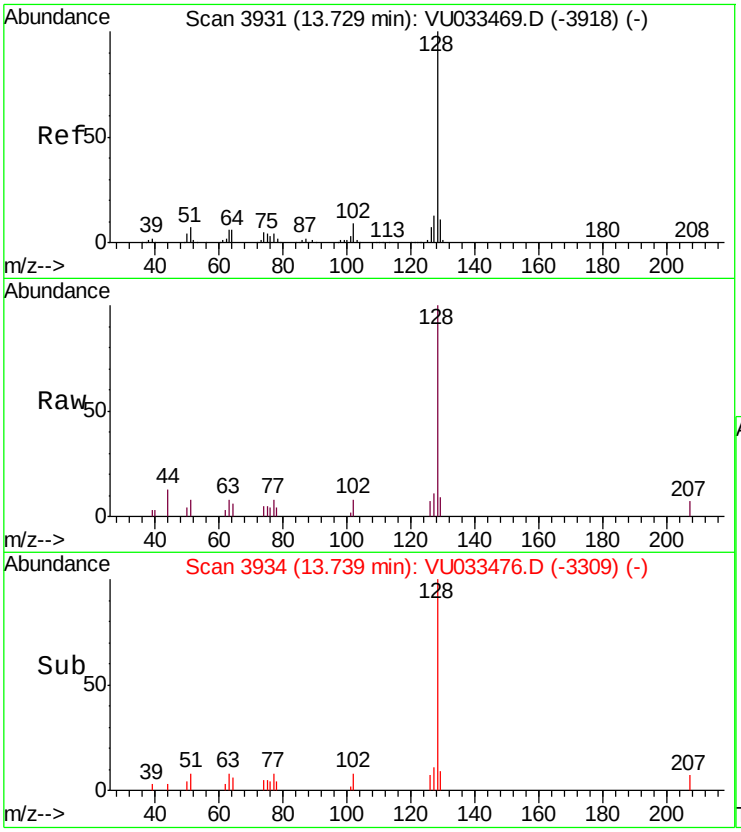


#70
1,2,4-trichlorobenzene
Concen: 1.685 ug/L
RT: 13.49 min Scan# 3858
Delta R.T. 0.00 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:180 Resp: 4710

Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.5	116.3
145	31.0	23.9	35.9



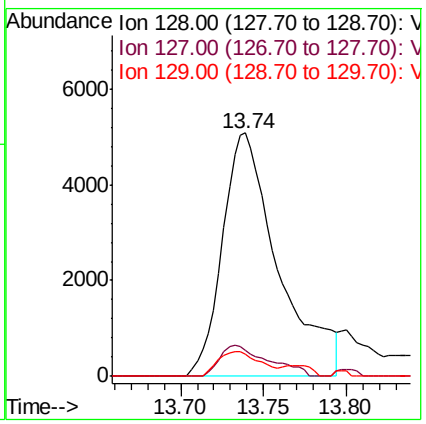


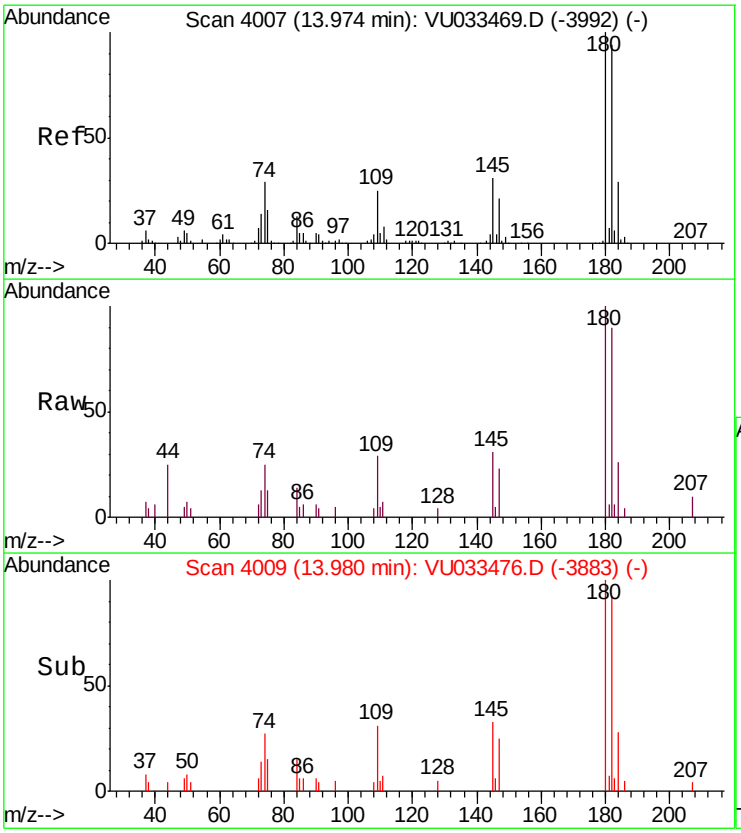
#71
Naphthalene
Concen: 1.471 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:128 Resp: 11890

Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.8	16.2
129	7.8	8.7	13.1#





#72
1,2,3-Trichlorobenzene
Concen: 1.821 ug/L
RT: 13.98 min Scan# 4009
Delta R.T. 0.01 min
Lab File: VU033476.D
Acq: 29 Jul 2019 18:28

Tgt Ion:180 Resp: 5329

Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.4	114.6
145	32.1	24.9	37.3