Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020720\

Quantitation Report (Not Reviewed)

Data File : VU036699.D
Acq On : 07 Feb 2020 13:36
Operator : JC/MD
Sample : MDL02
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Feb 07 22:40:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 22:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	261231	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	240763	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	103933	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	77470	44.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.94%			
7) Chloroethane-d5	1.93	69	75253	46.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.16%			
11) 1,1-Dichloroethene-d2	2.59	63	113229	34.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.86%			
21) 2-Butanone-d5	4.68	46	117430	79.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.01%			
24) Chloroform-d	5.11	84	140189	44.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.92%			
26) 1,2-Dichloroethane-d4	5.75	65	105644	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.98%			
32) Benzene-d6	5.77	84	315680	49.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.74%			
36) 1,2-Dichloropropane-d6	6.73	67	105829	50.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.72%			
41) Toluene-d8	7.93	98	285781	49.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	8.21	79	49204	48.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.82%			
47) 2-Hexanone-d5	8.67	63	122943	102.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.52%			
56) 1,1,2,2-Tetrachloroethane-	10.78	84	154252	49.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.62%			
66) 1,2-Dichlorobenzene-d4	12.21	152	94920	50.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.54%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	4064	2.252	ug/L	100
3) Chloromethane	1.54	50	5005	2.340	ug/L	97
5) Vinyl chloride	1.62	62	5542	2.407	ug/L #	54
6) Bromomethane	1.87	94	3278	2.270	ug/L	89
8) Chloroethane	1.95	64	3074	2.103	ug/L	95
9) Trichlorofluoromethane	2.16	101	6138	2.243	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	4810	2.935	ug/L #	84
12) 1,1-Dichloroethene	2.60	96	4291	2.689	ug/L #	1
13) Acetone	2.66	43	9542	6.043	ug/L	99
14) Carbon disulfide	2.82	76	10495	2.201	ug/L	99
15) Methyl Acetate	2.99	43	5170	2.265	ug/L	100
16) Methylene chloride	3.08	84	4997	2.537	ug/L	95
17) trans-1,2-Dichloroethene	3.39	96	4046	2.383	ug/L	97
18) Methyl tert-butyl Ether	3.41	73	13283	2.254	ug/L	99
19) 1,1-Dichloroethane	3.92	63	7766	2.296	ug/L	97
20) cis-1,2-Dichloroethene	4.72	96	4584	2.370	ug/L	95
22) 2-Butanone	4.75	43	14148	7.550	ug/L	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020720\

Quantitation Report (Not Reviewed)

Data File : VU036699.D
Acq On : 07 Feb 2020 13:36
Operator : JC/MD
Sample : MDL02
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Feb 07 22:40:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 22:36:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	2012	2.219 ug/L	90
25) Chloroform	5.14	83	19307	5.868 ug/L	98
27) 1,2-Dichloroethane	5.84	62	6487	2.345 ug/L	96
29) Cyclohexane	5.43	56	6839	2.211 ug/L	94
30) 1,1,1-Trichloroethane	5.36	97	5972	2.335 ug/L	97
31) Carbon tetrachloride	5.57	117	4603	2.223 ug/L	90
33) Benzene	5.82	78	17168	2.358 ug/L	100
34) Trichloroethene	6.58	95	4148	2.303 ug/L	92
35) Methylcyclohexane	6.80	83	6988	2.203 ug/L	94
37) 1,2-Dichloropropane	6.83	63	4609	2.347 ug/L #	91
38) Bromodichloromethane	7.14	83	5193	2.176 ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	6943	2.213 ug/L	96
40) 4-Methyl-2-pentanone	7.83	43	14532	4.684 ug/L	99
42) Toluene	8.00	91	19550	2.484 ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	6480	2.364 ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	4194	2.341 ug/L	97
46) Tetrachloroethene	8.58	164	3176	2.513 ug/L	97
48) 2-Hexanone	8.72	43	12731	5.030 ug/L	97
49) Dibromochloromethane	8.84	129	3813	2.176 ug/L	97
50) 1,2-Dibromoethane	8.95	107	4254	2.260 ug/L #	94
51) Chlorobenzene	9.47	112	10926	2.306 ug/L	96
52) Ethylbenzene	9.60	91	19076	2.206 ug/L	96
53) m,p-Xylene	9.72	106	7257	2.275 ug/L	98
54) o-xylene	10.13	106	7199	2.278 ug/L	89
55) Styrene	10.14	104	11211	2.129 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.81	83	8113	2.513 ug/L #	95
59) Bromoform	10.32	173	2509	2.185 ug/L #	95
60) 1,2,3-Trichloropropane	10.85	75	6212	2.541 ug/L	98
61) Isopropylbenzene	10.51	105	18225	2.355 ug/L	99
62) 1,3,5-Trimethylbenzene	11.11	105	15458	2.330 ug/L	99
63) 1,2,4-Trimethylbenzene	11.49	105	13830	2.087 ug/L	95
64) 1,3-Dichlorobenzene	11.77	146	7709	2.369 ug/L	96
65) 1,4-Dichlorobenzene	11.86	146	7443	2.272 ug/L	91
67) 1,2-Dichlorobenzene	12.24	146	8072	2.450 ug/L	96
68) 1,2-Dibromo-3-chloropropan	13.01	75	1566	2.241 ug/L	90
69) 1,3,5-Trichlorobenzene	13.24	180	4757	2.108 ug/L	97
70) 1,2,4-trichlorobenzene	13.86	180	3001	1.595 ug/L	95
71) Naphthalene	14.10	128	10076	1.519 ug/L	98
72) 1,2,3-Trichlorobenzene	14.35	180	2964	1.581 ug/L	92

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

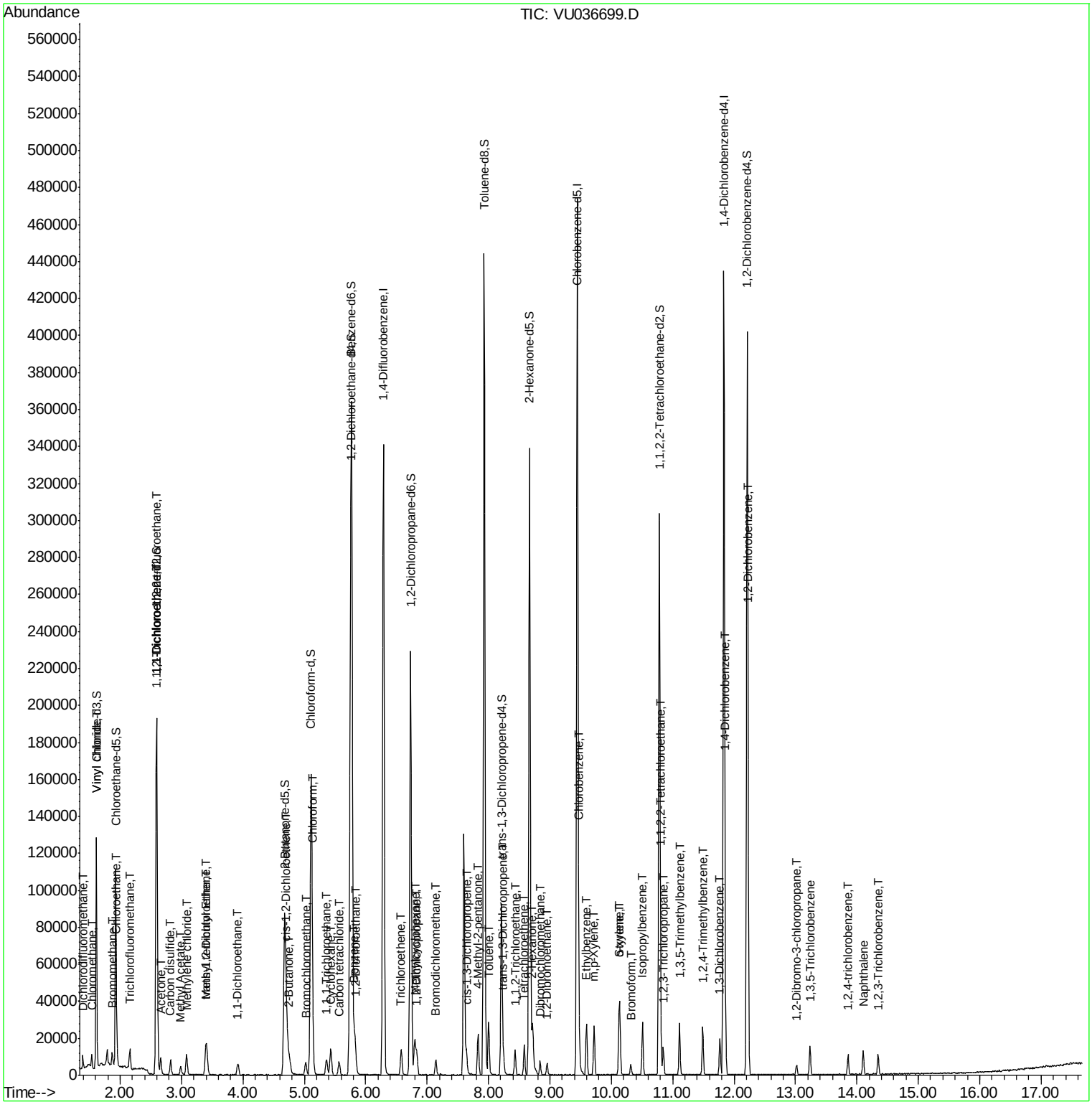
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020720\

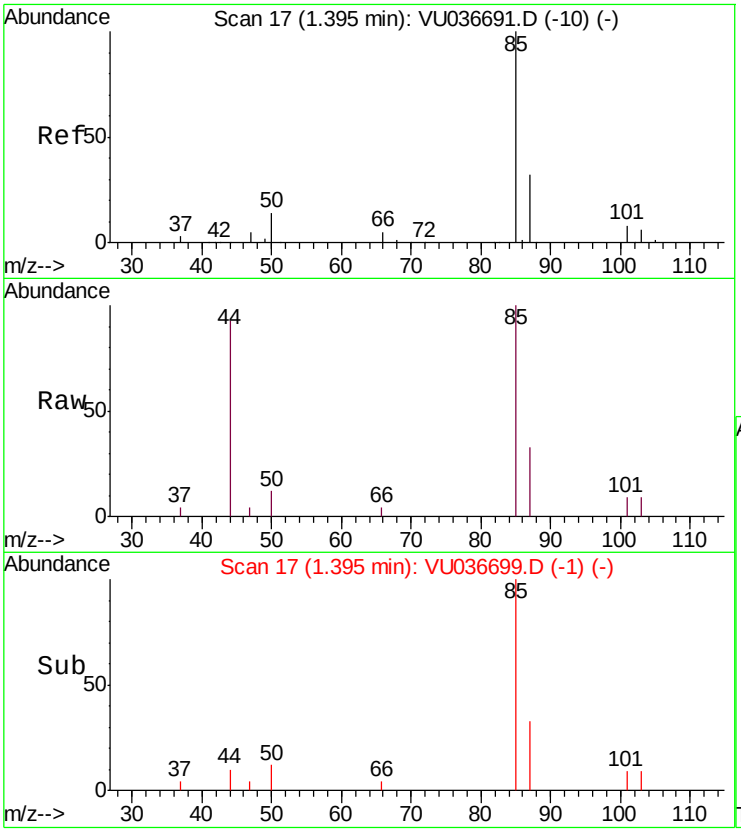
Quantitation Report (Not Reviewed)

Data File : VU036699.D
Acq On : 07 Feb 2020 13:36
Operator : JC/MD
Sample : MDL02
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Quant Time: Feb 07 22:40:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 22:36:50 2020
Response via : Initial Calibration



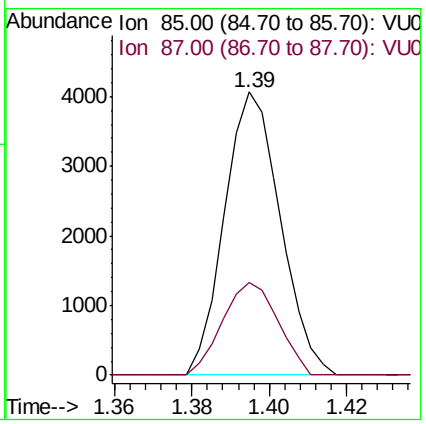


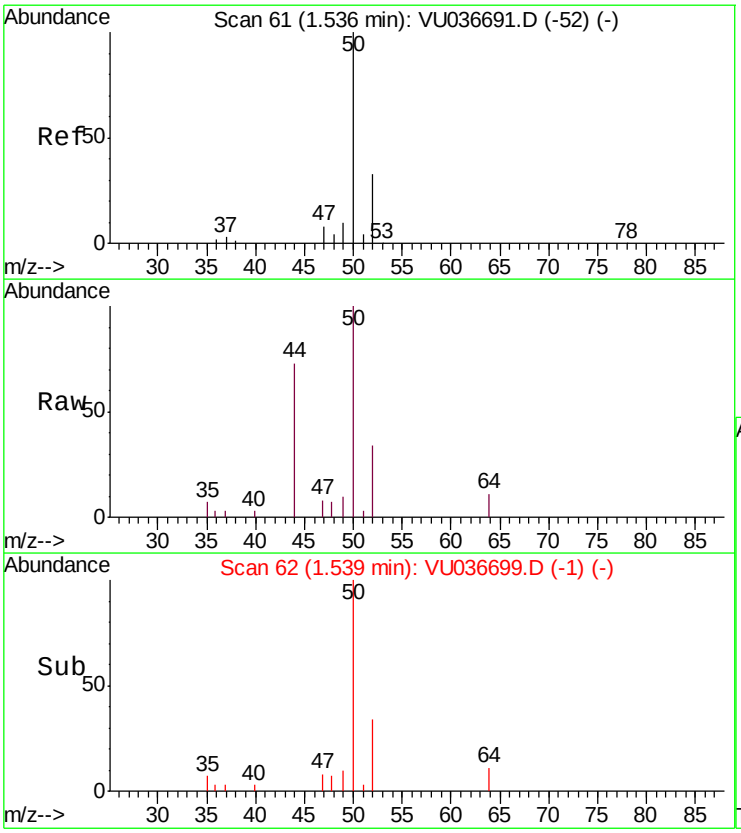
#2
Dichlorodifluoromethane
Concen: 2.252 ug/L
RT: 1.39 min Scan# 17
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 4064

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.9	38.9

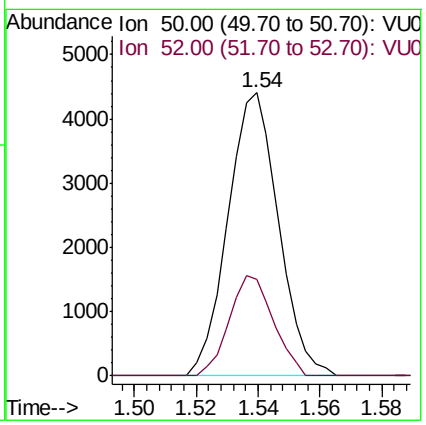


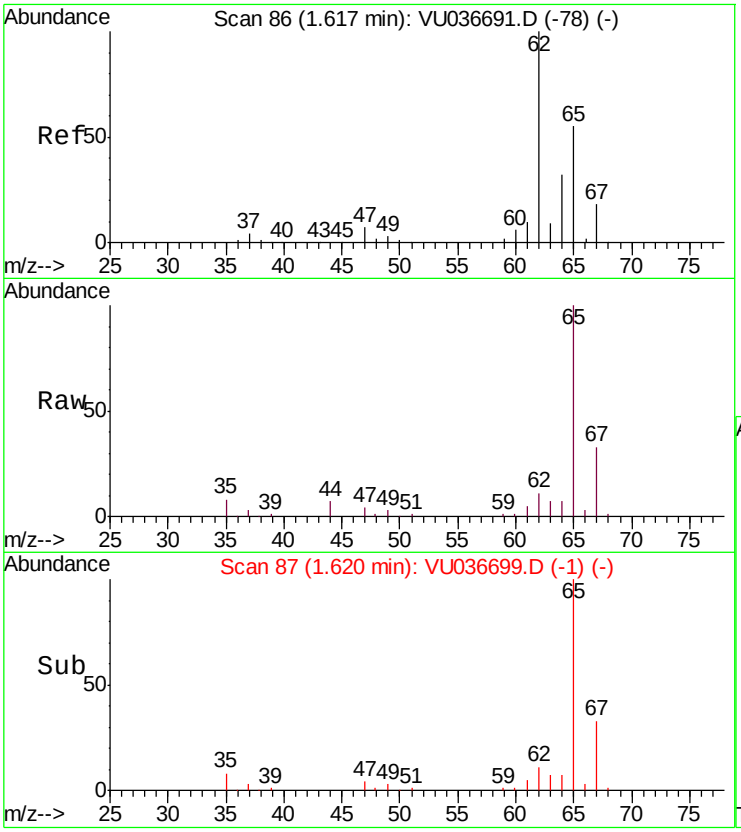


#3
Chloromethane
Concen: 2.340 ug/L
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 50 Resp: 5005

Ion	Ratio	Lower	Upper
50	100		
52	34.2	22.9	42.5



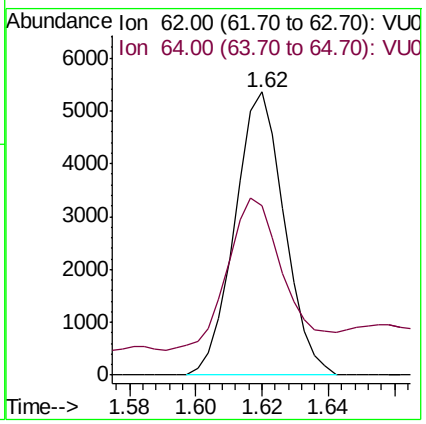


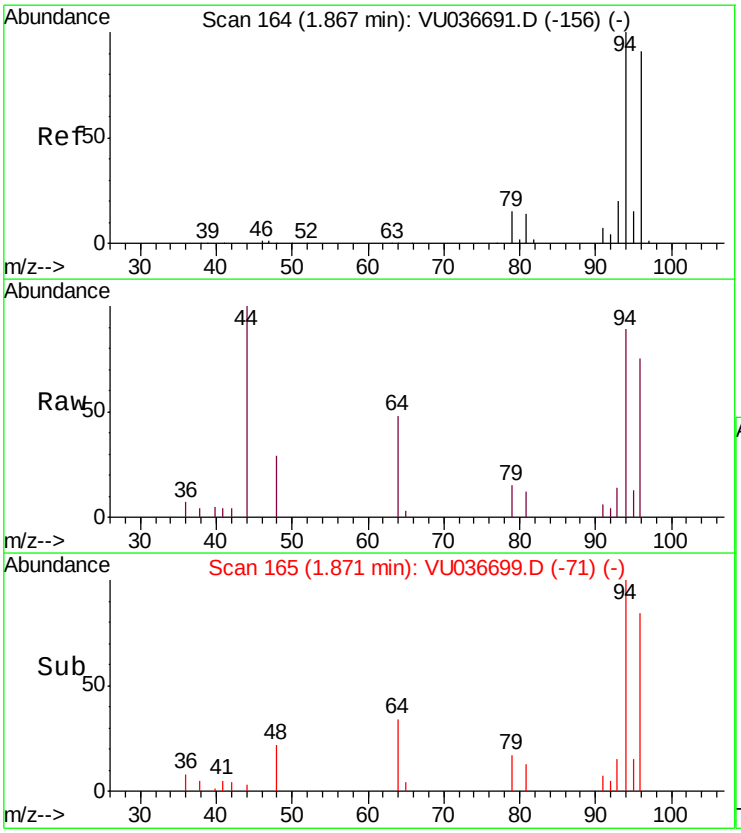
#5
Vinyl chloride
Concen: 2.407 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 5542

Ion	Ratio	Lower	Upper
62	100		
64	59.7	23.4	43.6#

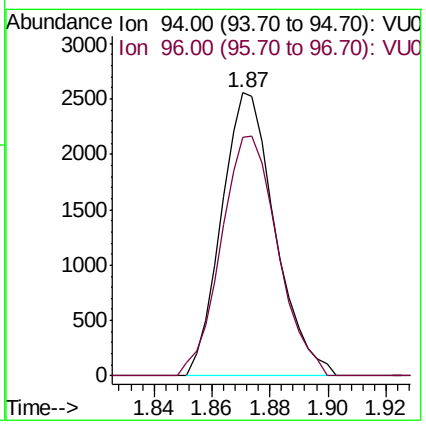


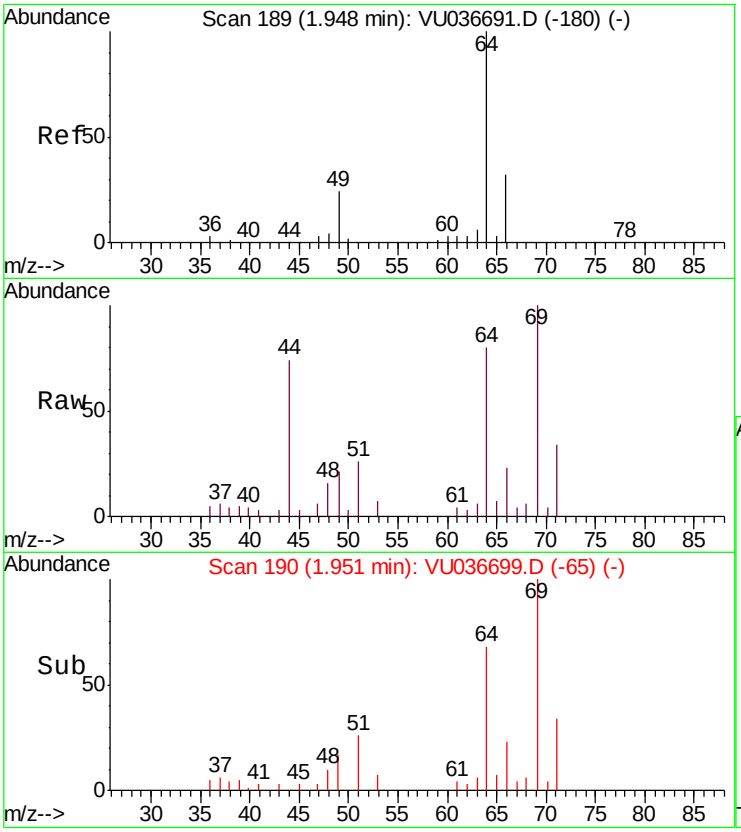


#6
Bromomethane
Concen: 2.270 ug/L
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 94 Resp: 3278

Ion	Ratio	Lower	Upper
94	100		
96	84.2	66.3	123.1



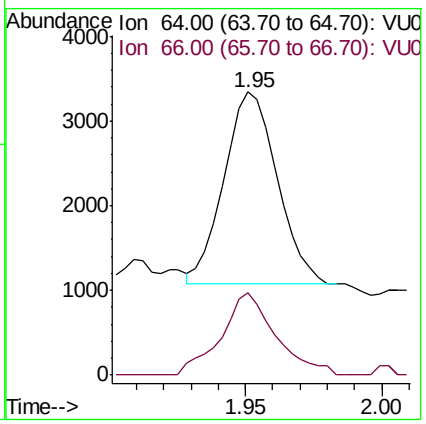


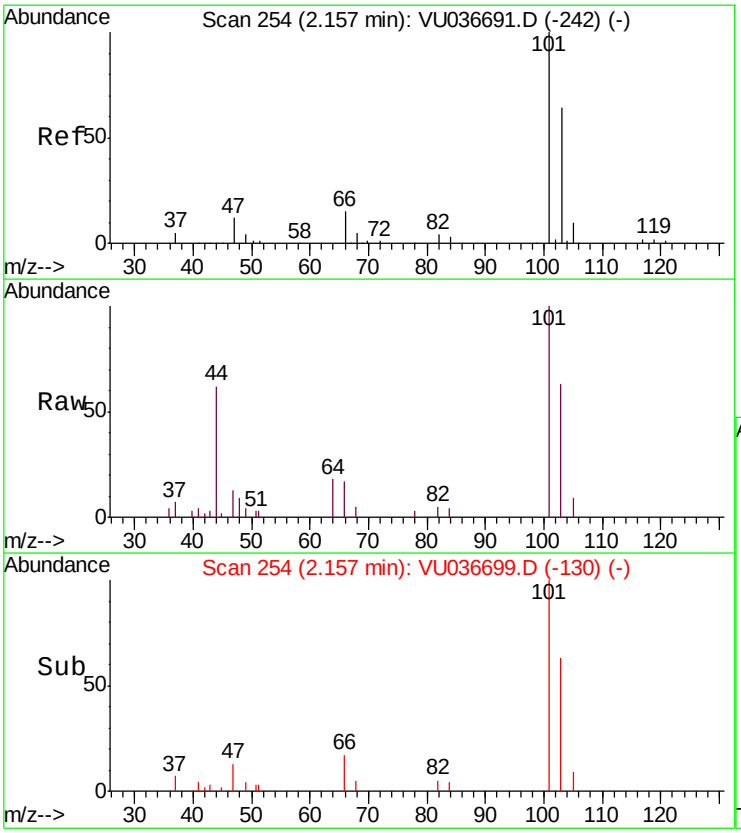
#8
Chloroethane
Concen: 2.103 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 64 Resp: 3074

Ion	Ratio	Lower	Upper
64	100		
66	29.0	22.1	41.1

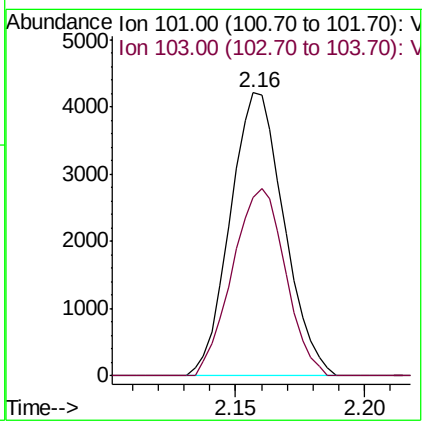


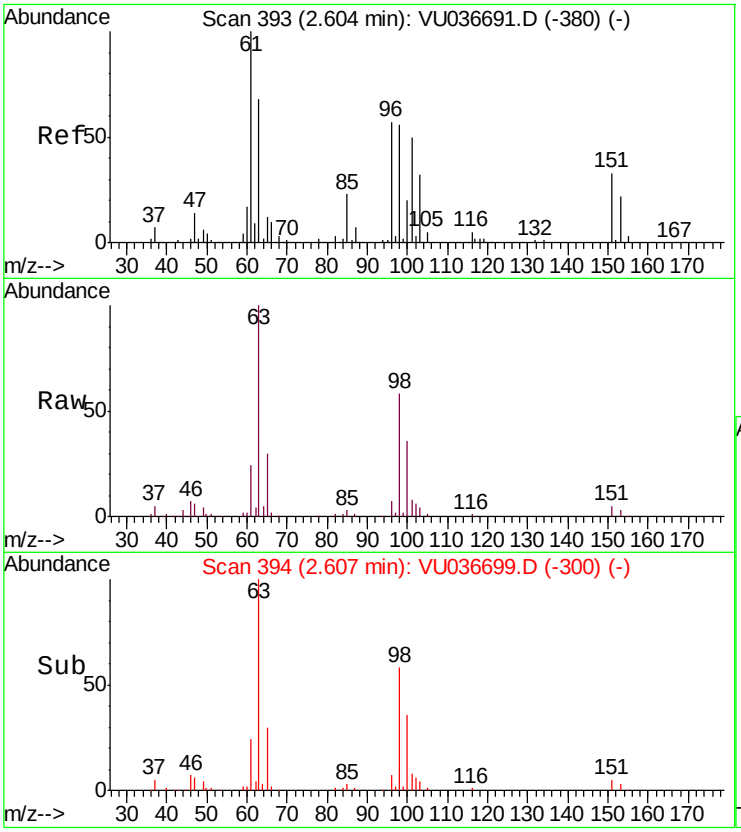


#9
Trichlorofluoromethane
Concen: 2.243 ug/L
RT: 2.16 min Scan# 254
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:101 Resp: 6138

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.6	77.4



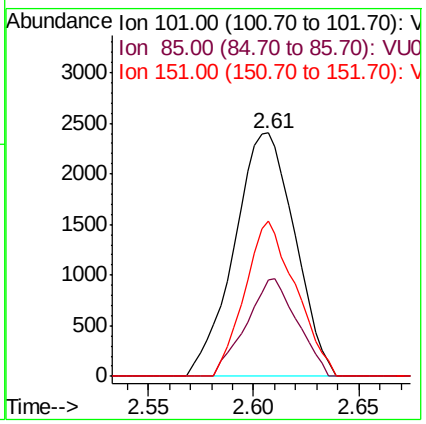


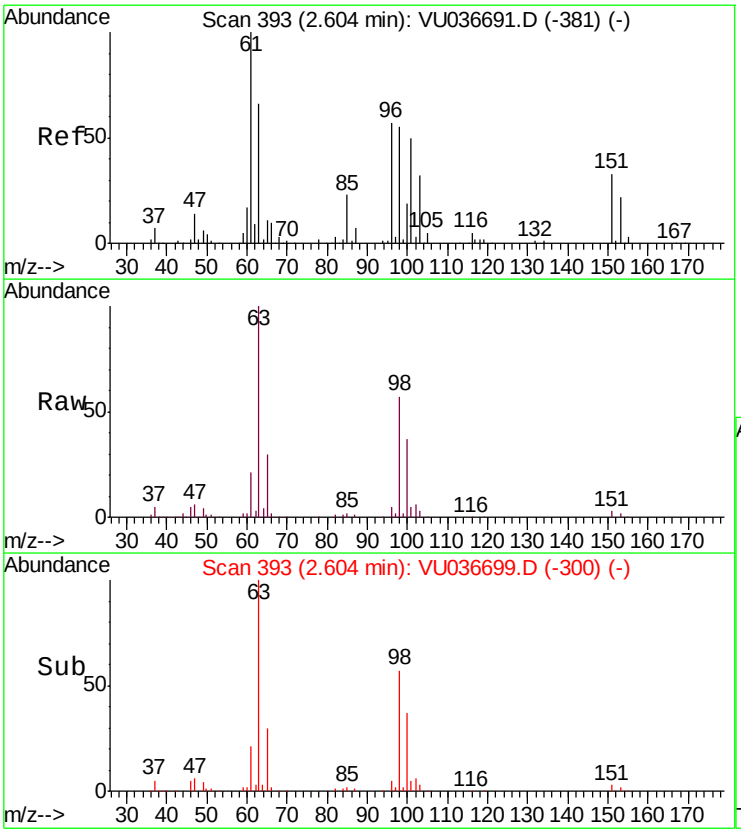
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.935 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 4810

Ion	Ratio	Lower	Upper
101	100		
85	33.6	36.5	54.7#
151	53.6	52.6	78.8

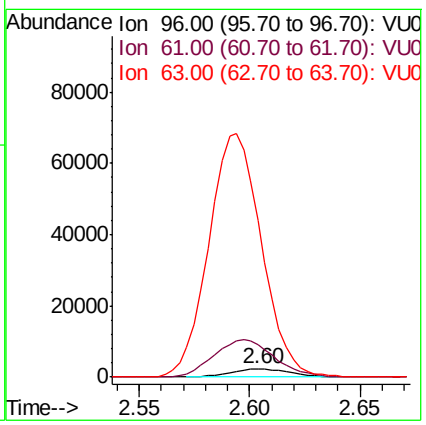


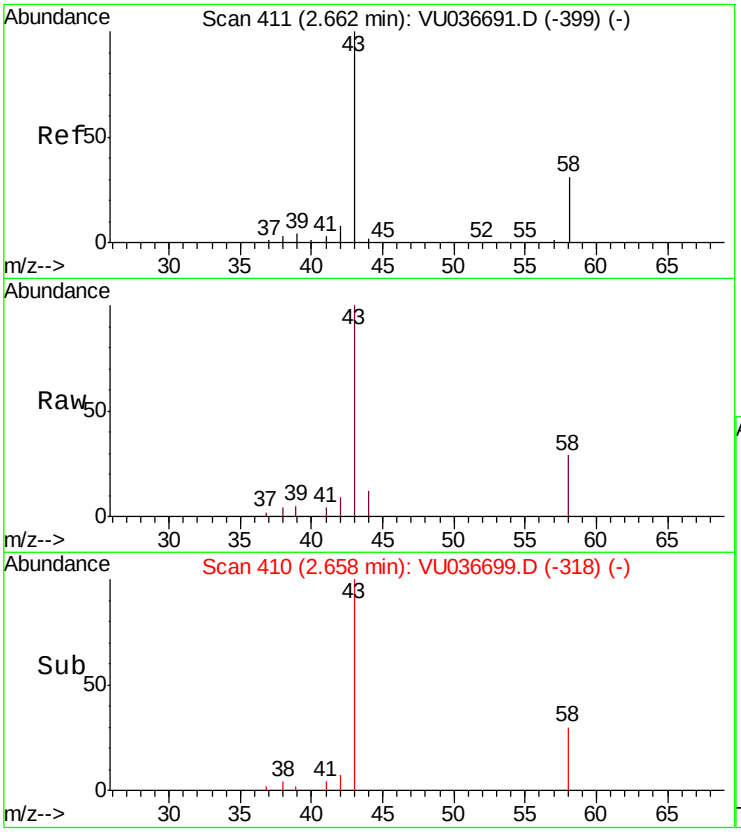


#12
1,1-Dichloroethene
Concen: 2.689 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 96 Resp: 4291

Ion	Ratio	Lower	Upper
96	100		
61	399.7	124.4	231.0#
63	1935.2	83.4	155.0#



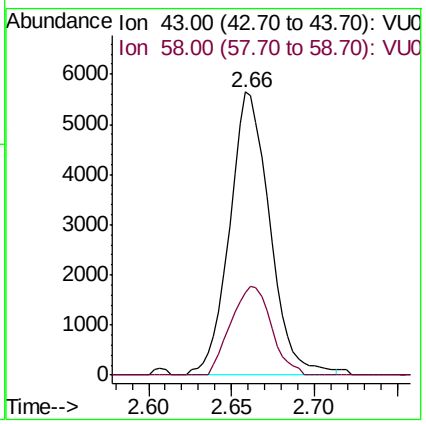


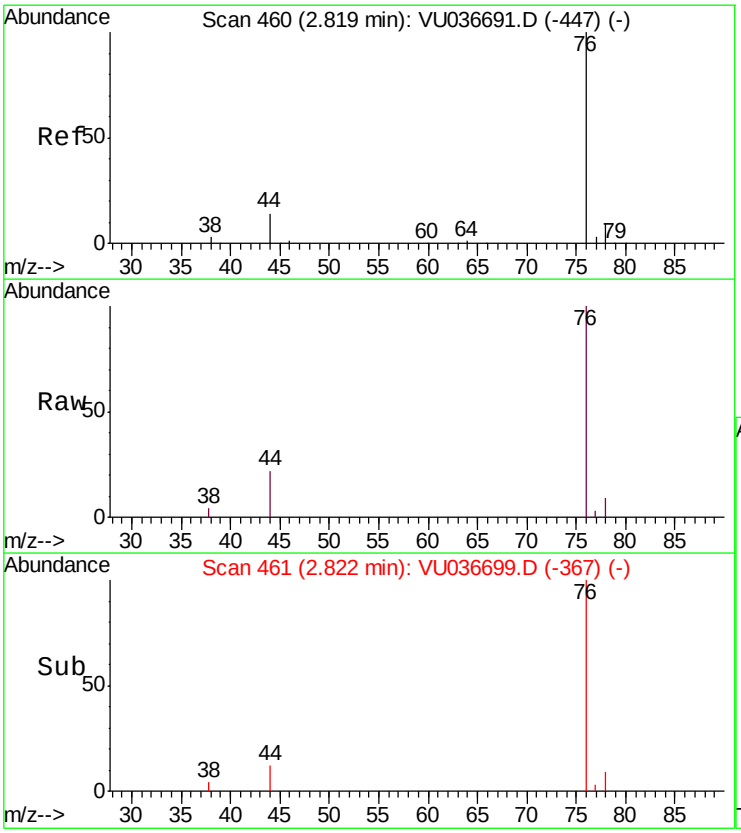
#13
Acetone
Concen: 6.043 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 9542

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	64.0

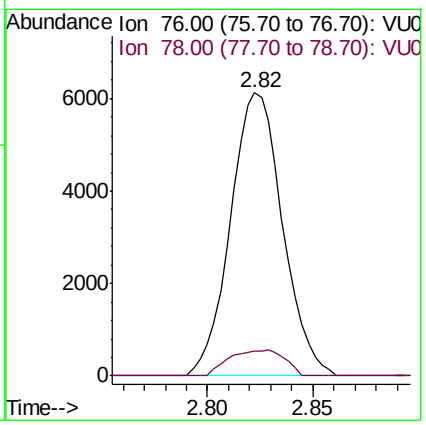


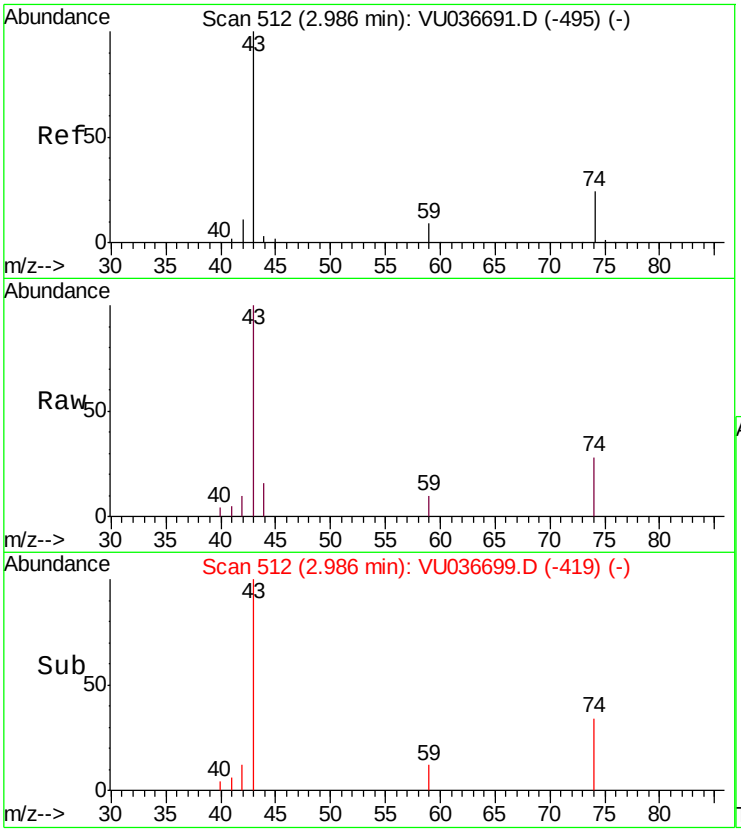


#14
Carbon disulfide
Concen: 2.201 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 76 Resp: 10495

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9



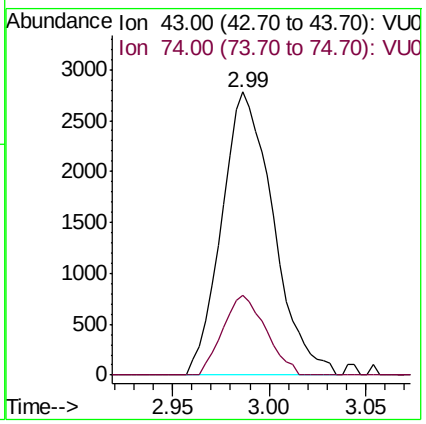


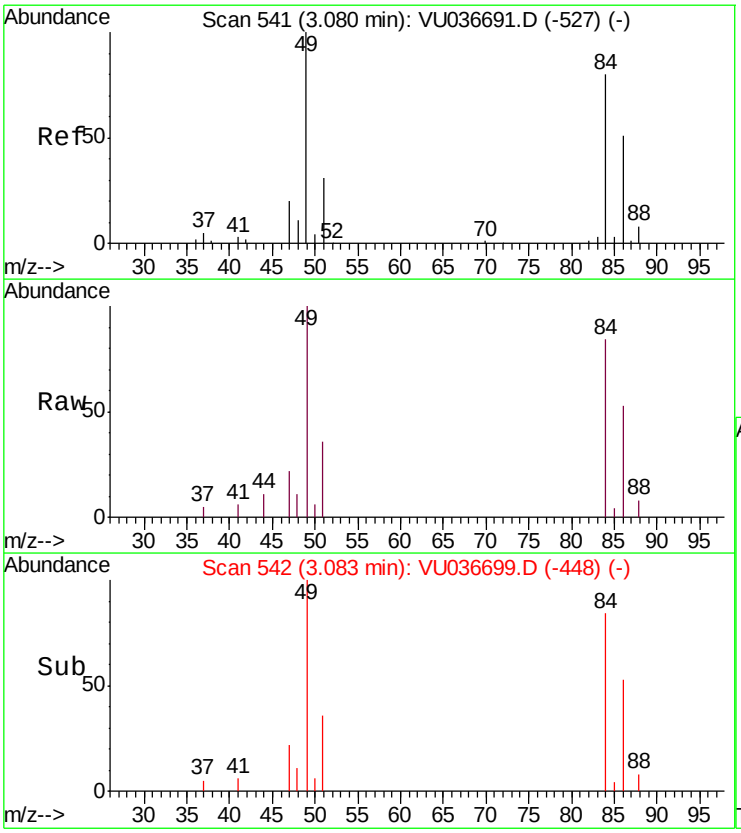
#15
Methyl Acetate
Concen: 2.265 ug/L
RT: 2.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 5170

Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.7	28.1

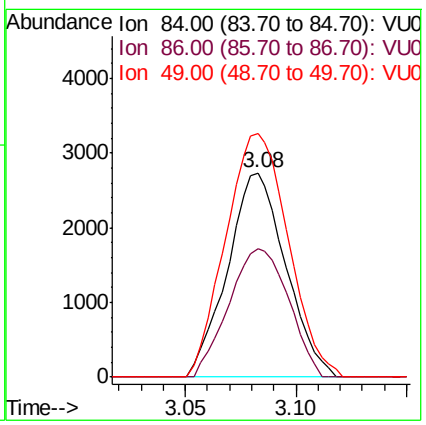


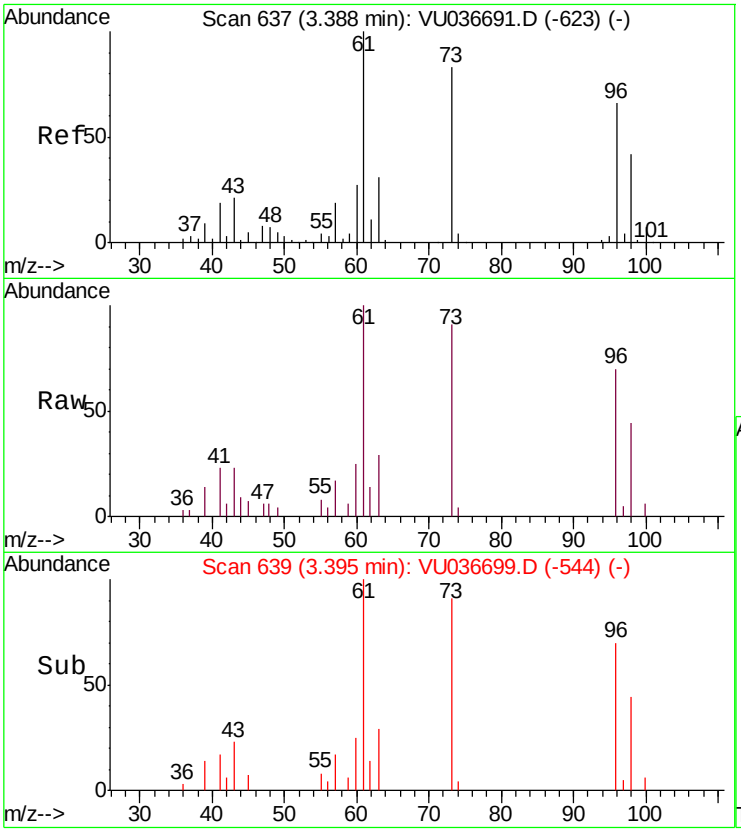


#16
Methylene chloride
Concen: 2.537 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 84 Resp: 4997

Ion	Ratio	Lower	Upper
84	100		
86	63.1	44.4	82.5
49	119.4	89.2	165.8



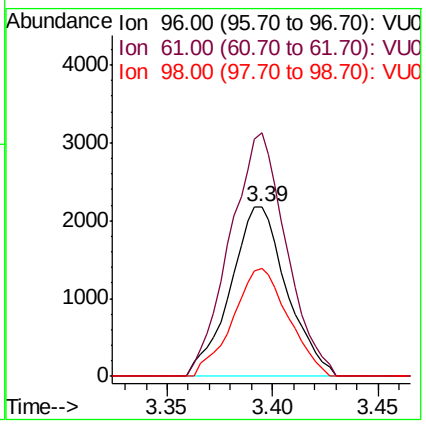


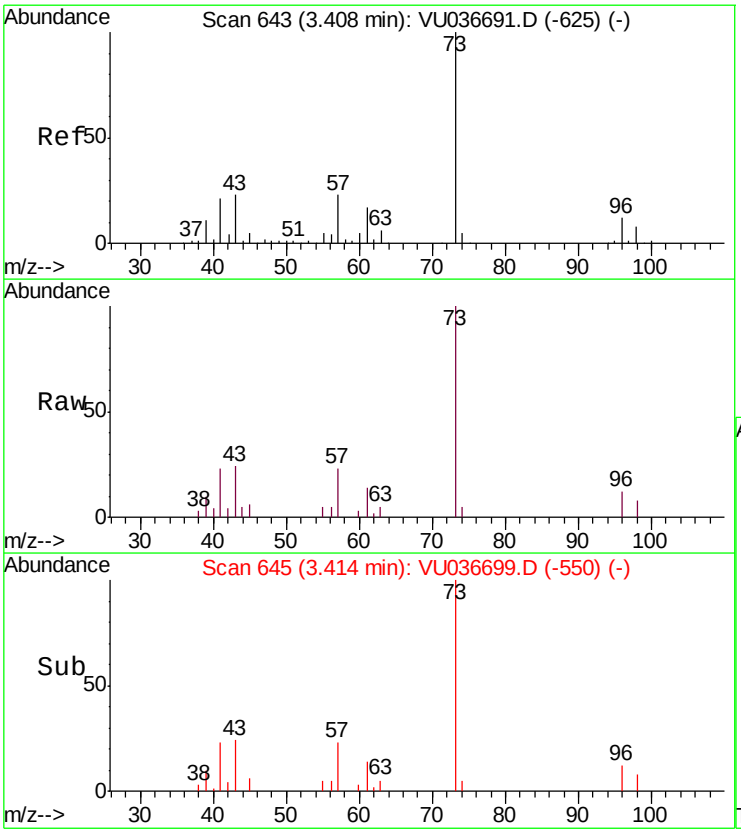
#17
trans-1,2-Dichloroethene
Concen: 2.383 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 4046

Ion	Ratio	Lower	Upper
96	100		
61	143.4	103.4	192.0
98	63.7	45.4	84.2

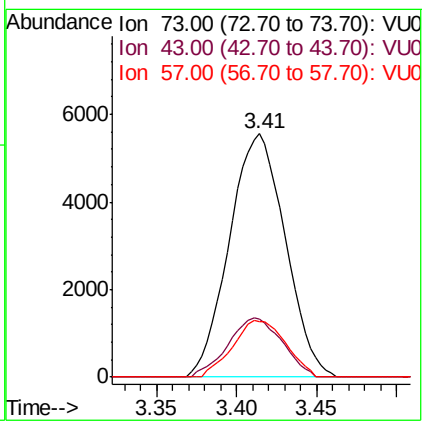


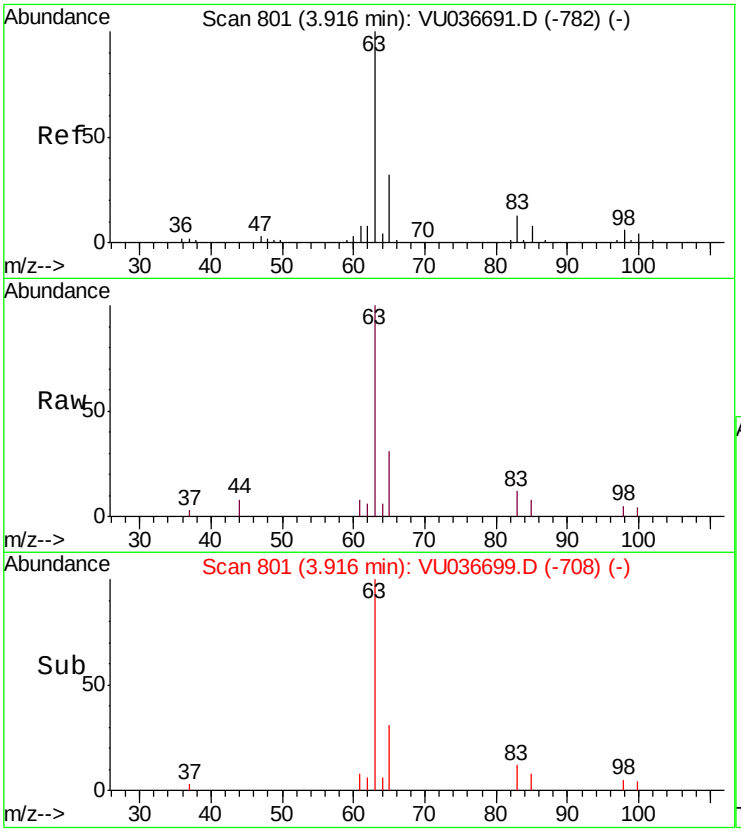


#18
Methyl tert-butyl Ether
Concen: 2.254 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 73 Resp: 13283

Ion	Ratio	Lower	Upper
73	100		
43	23.6	18.6	28.0
57	22.1	18.3	27.5



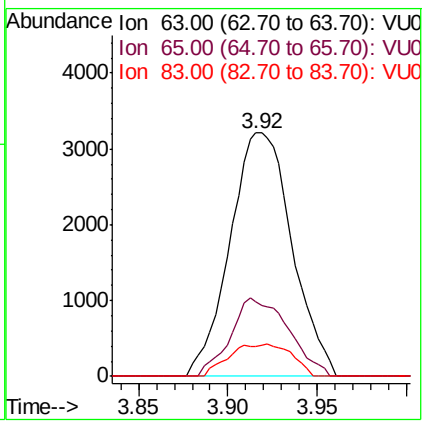


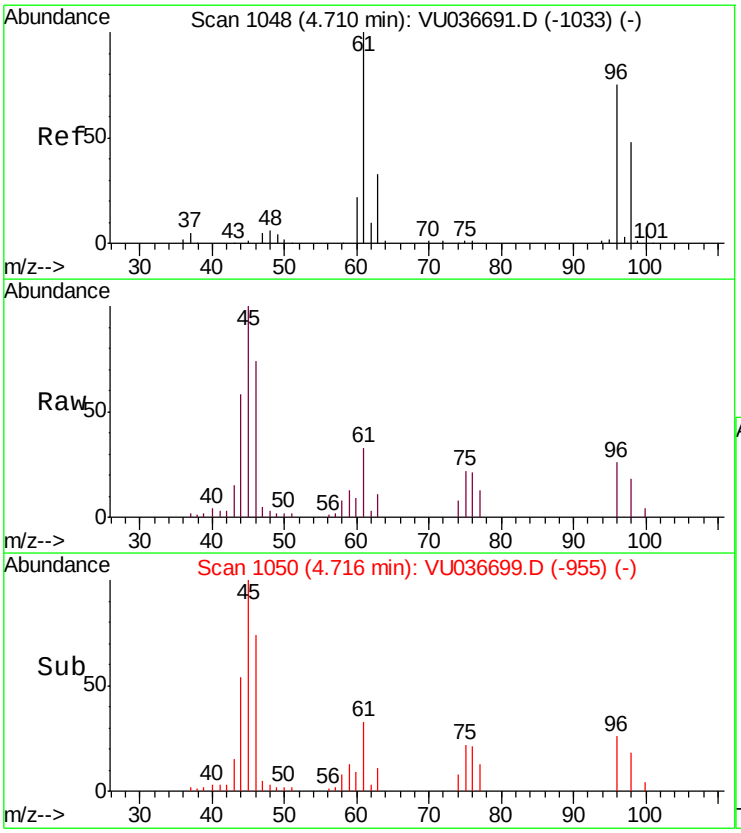
#19
1,1-Dichloroethane
Concen: 2.296 ug/L
RT: 3.92 min Scan# 801
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 63 Resp: 7766

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.0	40.8
83	12.3	10.1	18.7

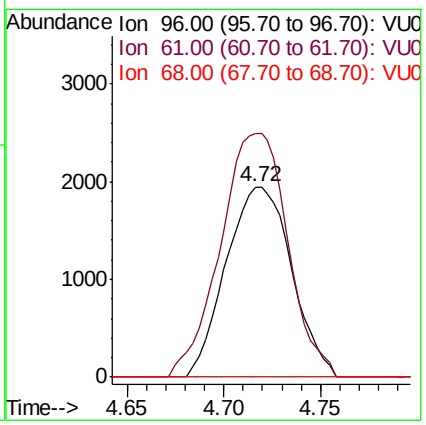


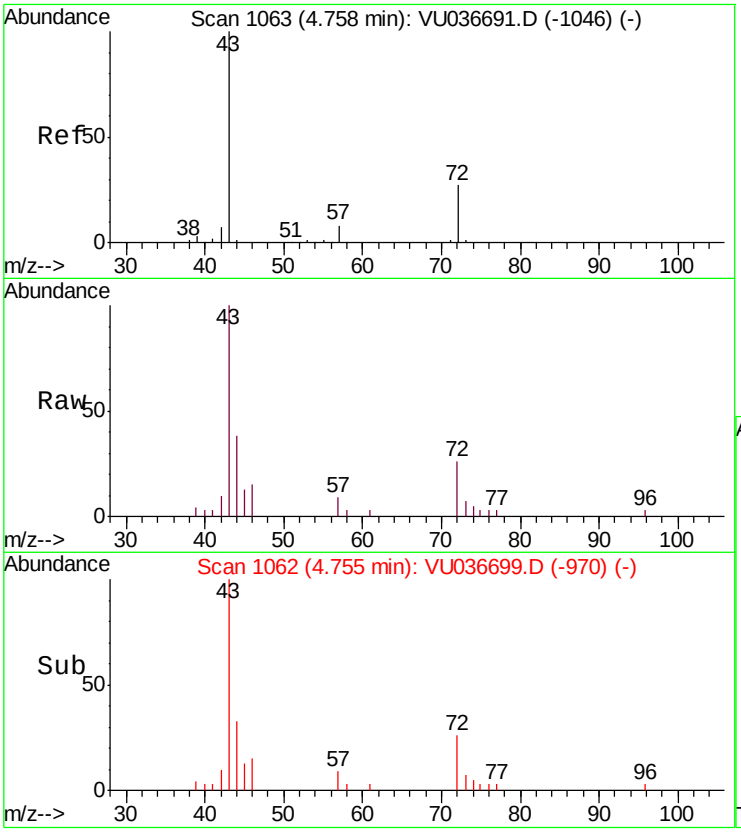


#20
cis-1,2-Dichloroethene
Concen: 2.370 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 96 Resp: 4584

Ion	Ratio	Lower	Upper
96	100		
61	128.0	93.3	173.3
68	0.0	0.0	0.0



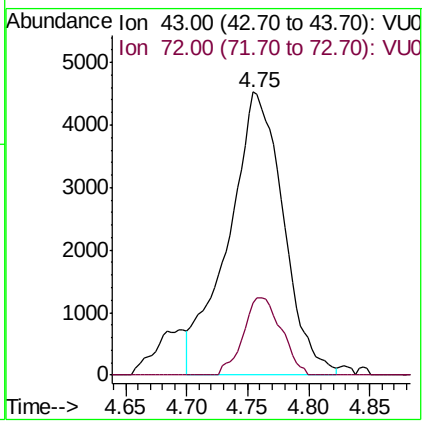


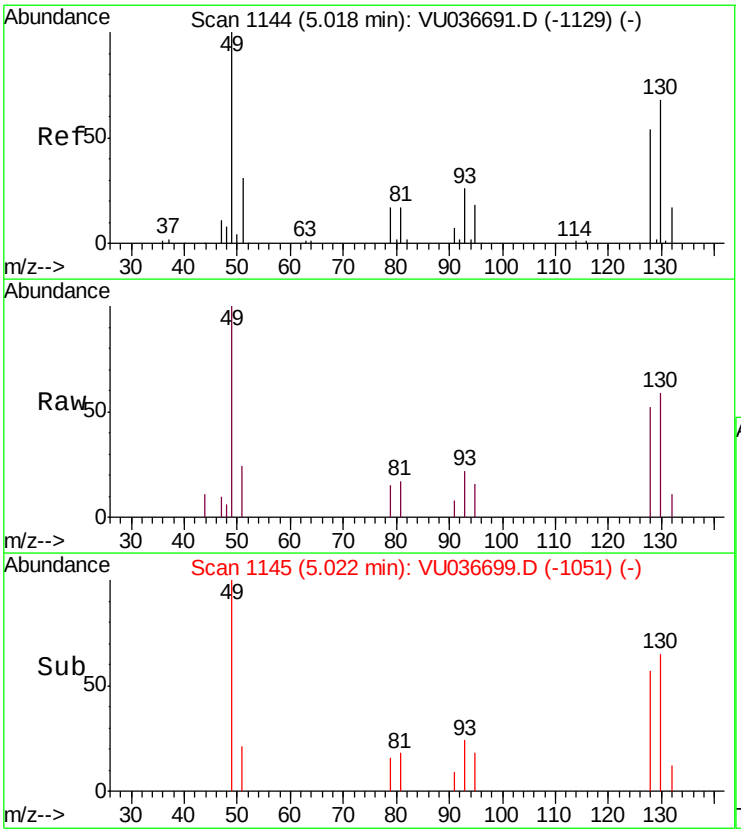
#22
2-Butanone
Concen: 7.550 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 14148

Ion	Ratio	Lower	Upper
43	100		
72	18.9	13.6	40.7

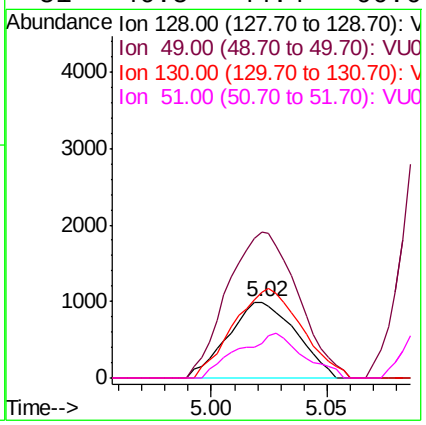


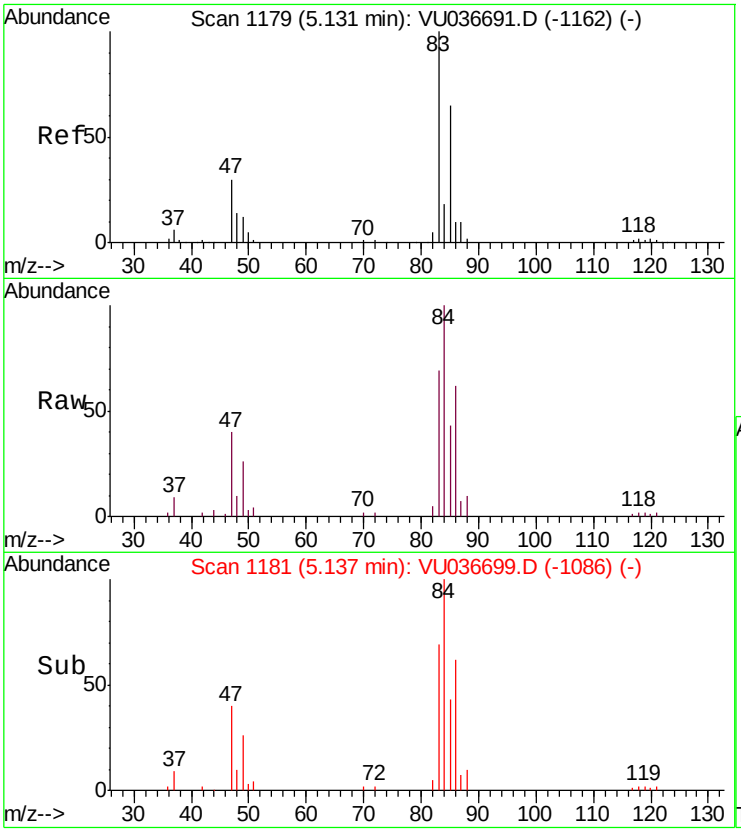


#23
Bromochloromethane
Concen: 2.219 ug/L
RT: 5.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:128 Resp: 2012

Ion	Ratio	Lower	Upper
128	100		
49	193.2	127.3	236.5
130	114.3	88.5	164.3
51	46.5	44.4	66.6



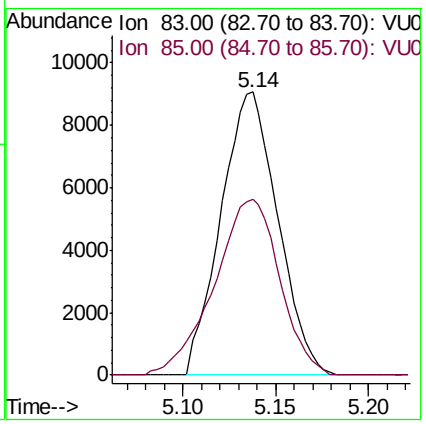


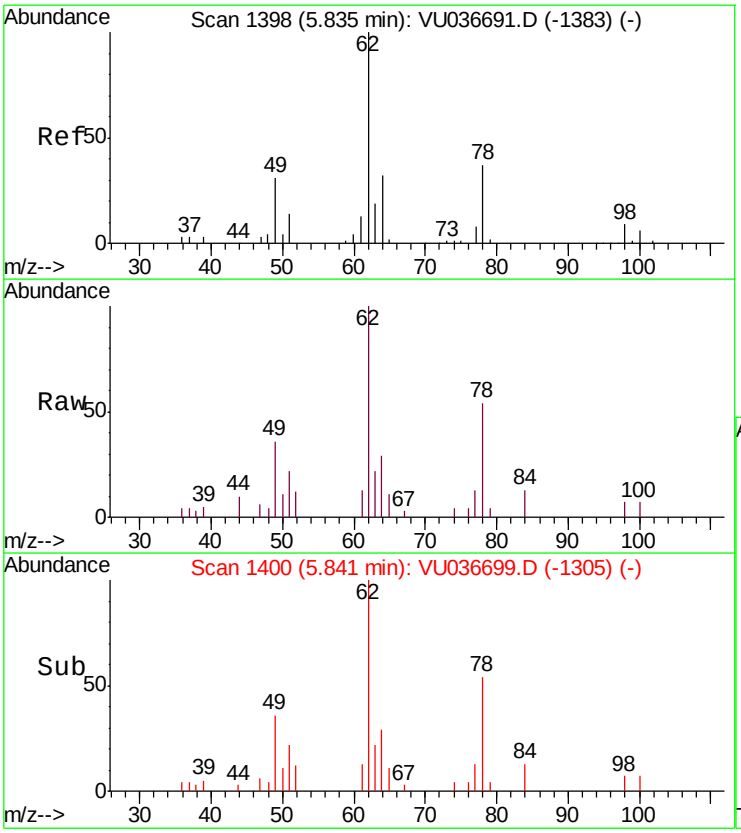
#25
Chloroform
Concen: 5.868 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 19307

Ion	Ratio	Lower	Upper
83	100		
85	61.9	44.6	82.8

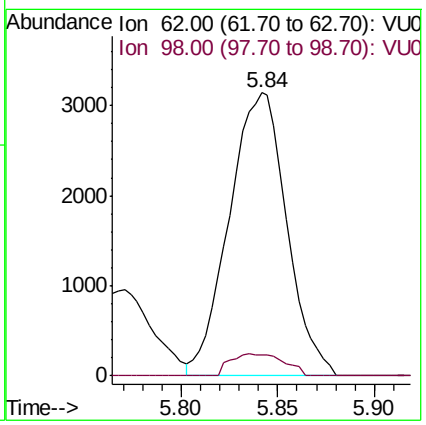


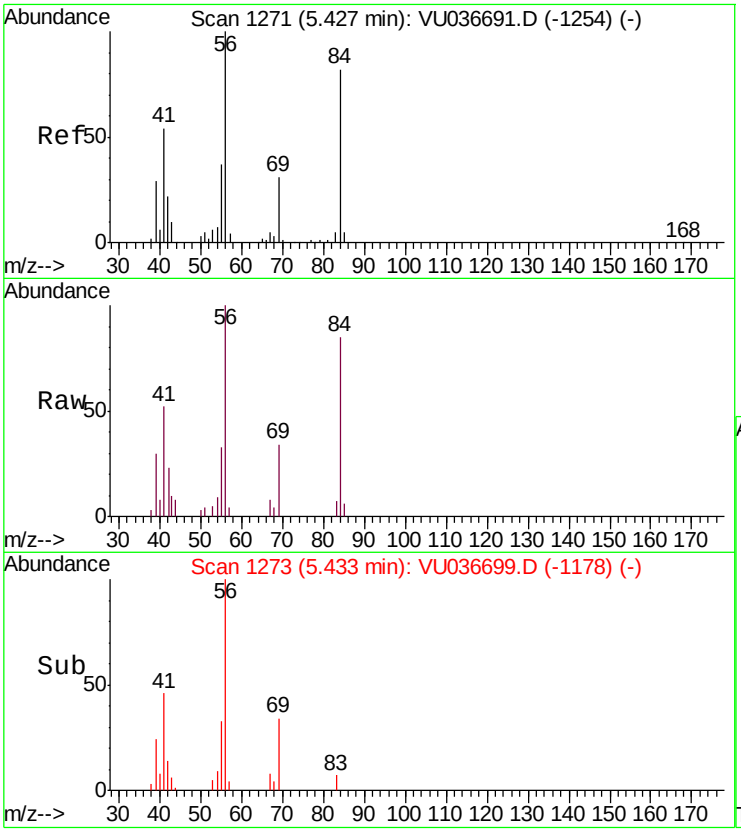


#27
1,2-Dichloroethane
Concen: 2.345 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 62 Resp: 6487

Ion	Ratio	Lower	Upper
62	100		
98	7.2	7.0	10.4



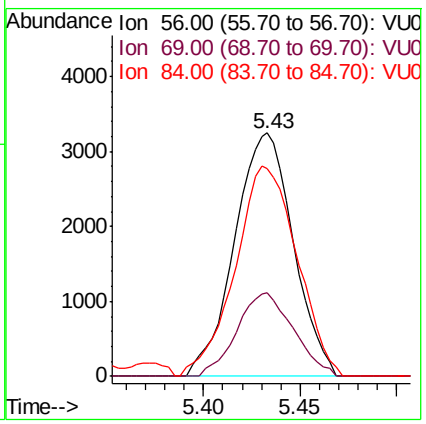


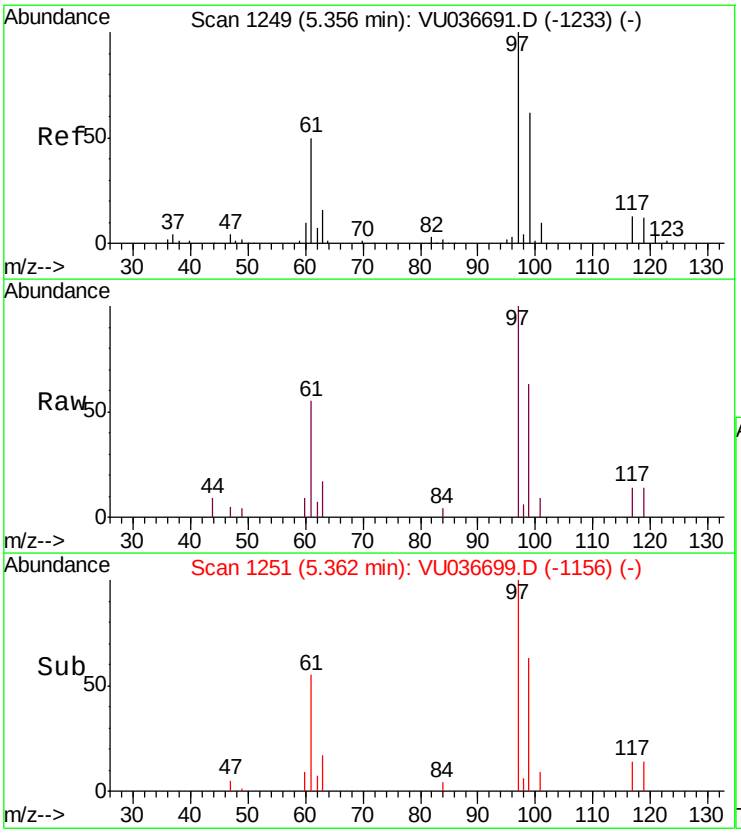
#29
Cyclohexane
Concen: 2.211 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 56 Resp: 6839

Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.0	37.4
84	91.0	68.2	102.2

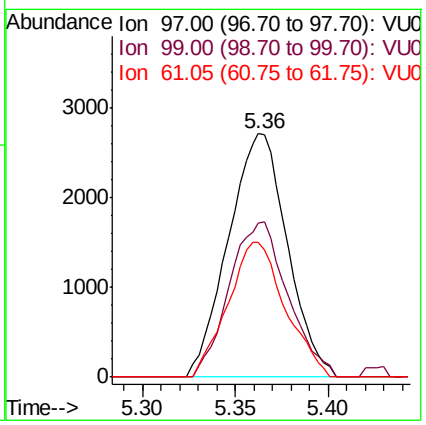


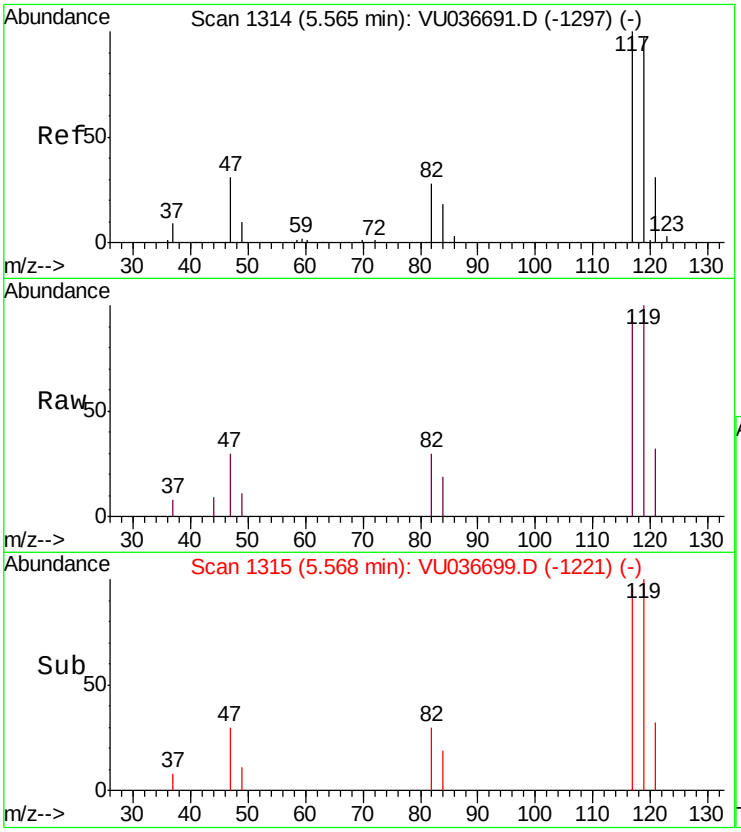


#30
1,1,1-Trichloroethane
Concen: 2.335 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 97 Resp: 5972

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.9	76.3
61	53.8	40.2	60.2



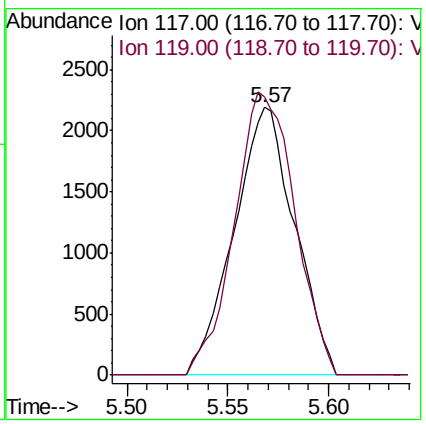


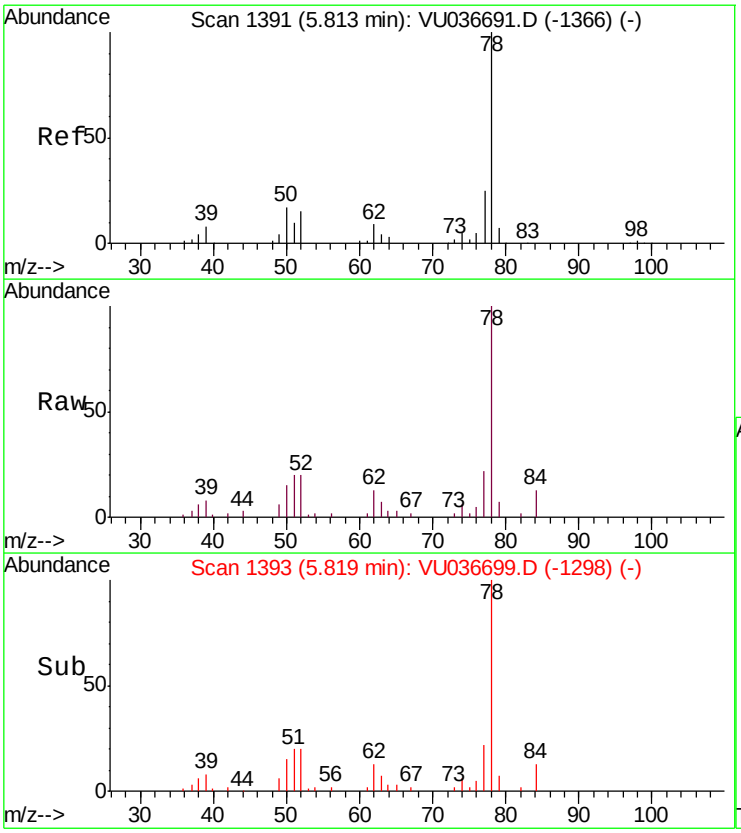
#31
Carbon tetrachloride
Concen: 2.223 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:117 Resp: 4603

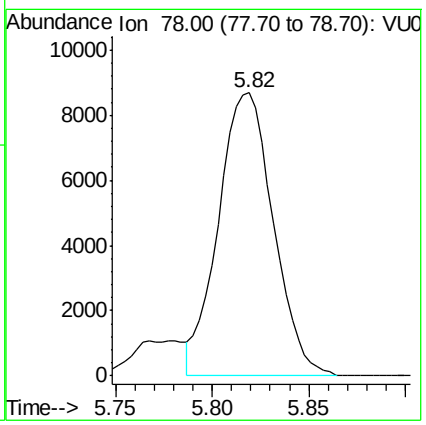
Ion	Ratio	Lower	Upper
117	100		
119	105.0	76.2	114.4

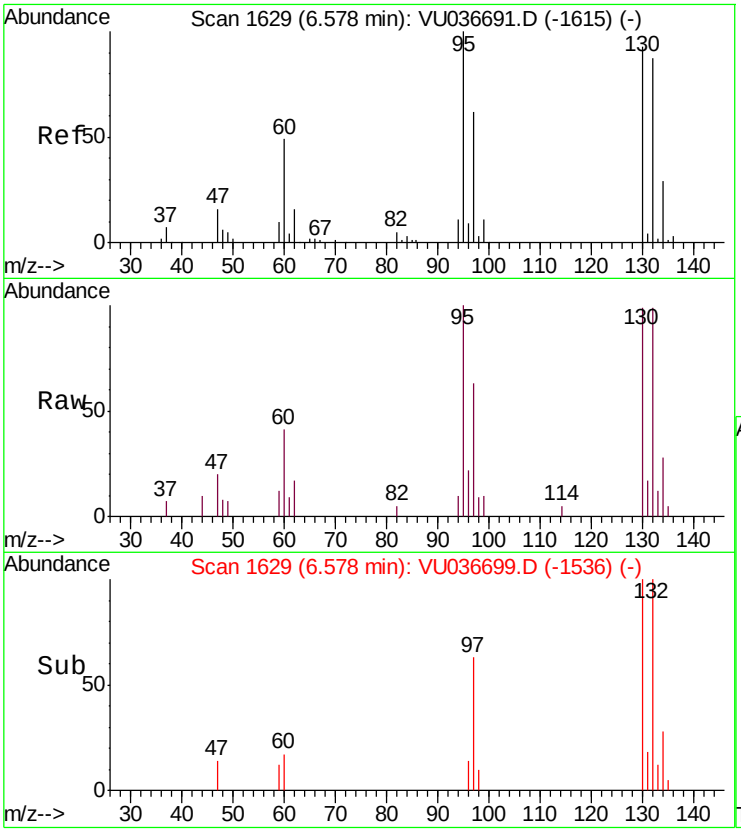




#33
Benzene
Concen: 2.358 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 78 Resp: 17168



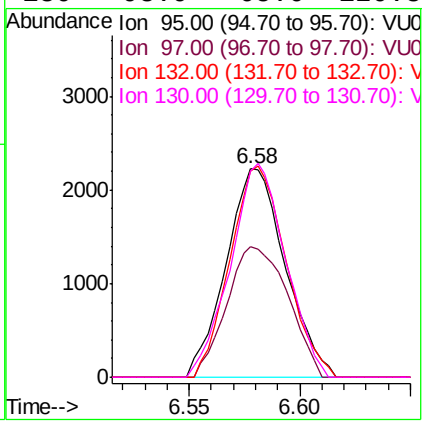


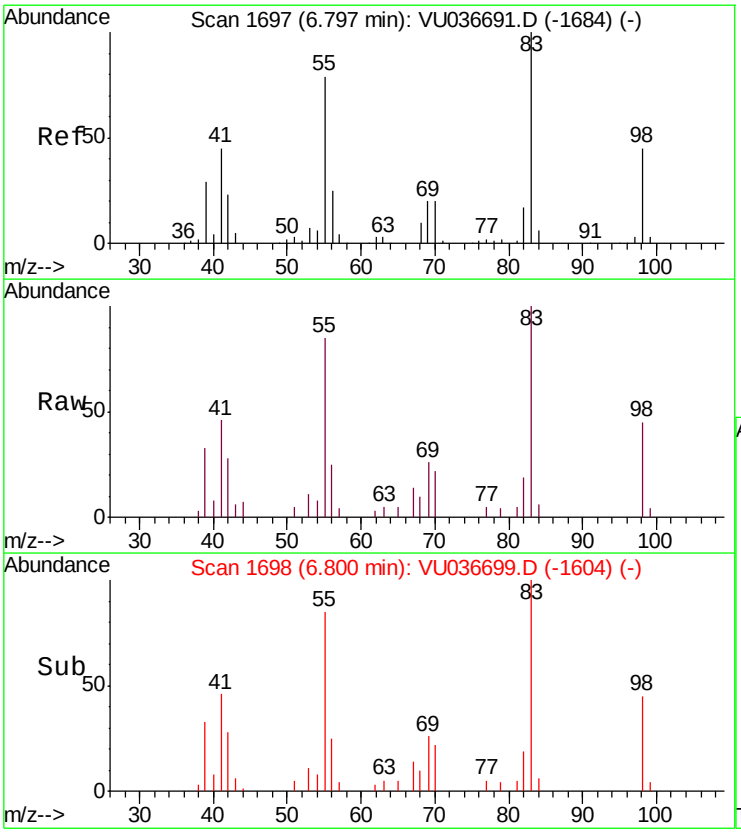
#34
Trichloroethene
Concen: 2.303 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 95 Resp: 4148

Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.5	82.7
132	99.0	59.6	110.8
130	98.9	65.0	120.8

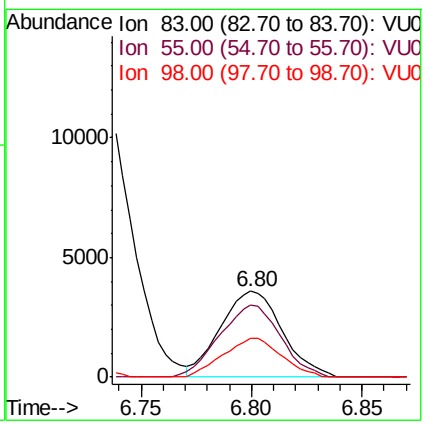


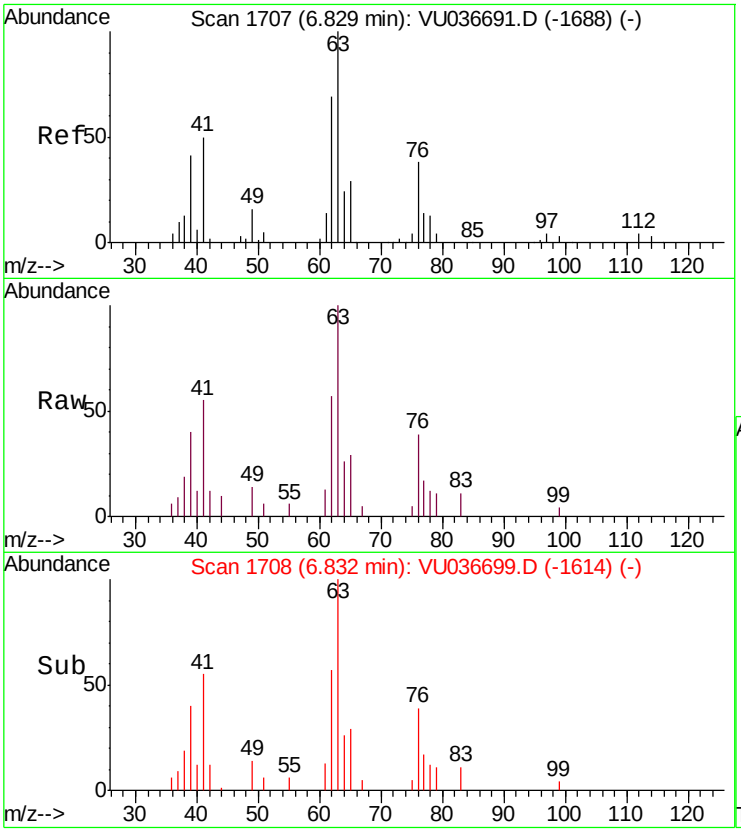


#35
Methylcyclohexane
Concen: 2.203 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 83 Resp: 6988

Ion	Ratio	Lower	Upper
83	100		
55	83.0	61.2	91.8
98	42.8	35.4	53.0



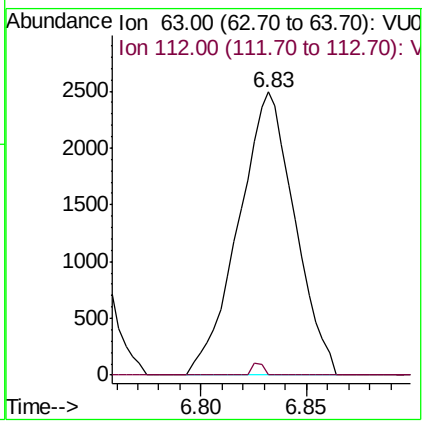


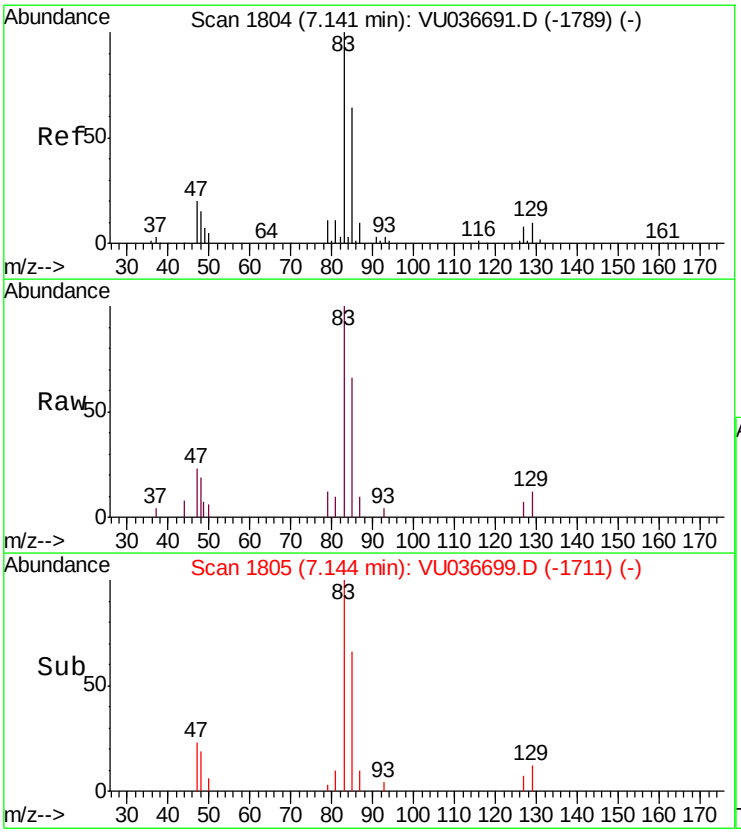
#37
1,2-Dichloropropane
Concen: 2.347 ug/L
RT: 6.83 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 63 Resp: 4609

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.1	4.7#

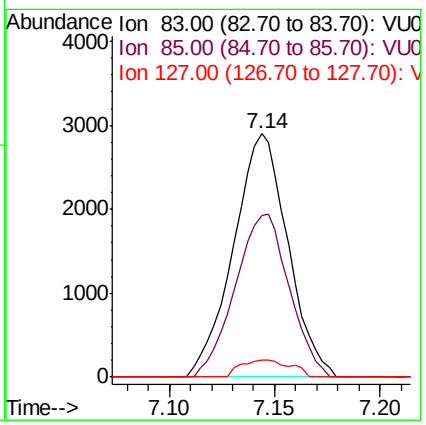


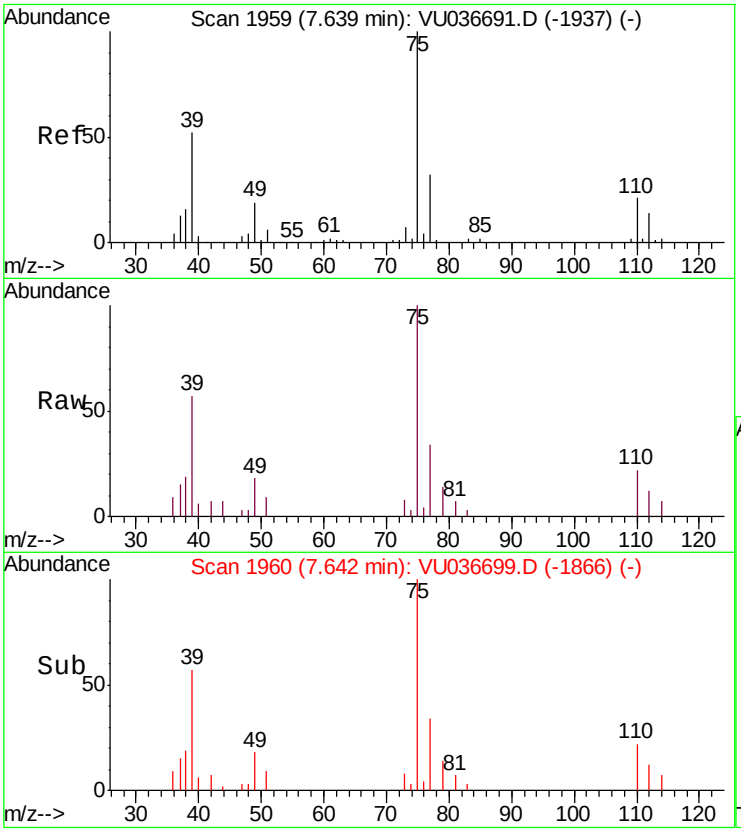


#38
Bromodichloromethane
Concen: 2.176 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 83 Resp: 5193

Ion	Ratio	Lower	Upper
83	100		
85	66.3	43.9	81.5
127	6.9	6.0	9.0



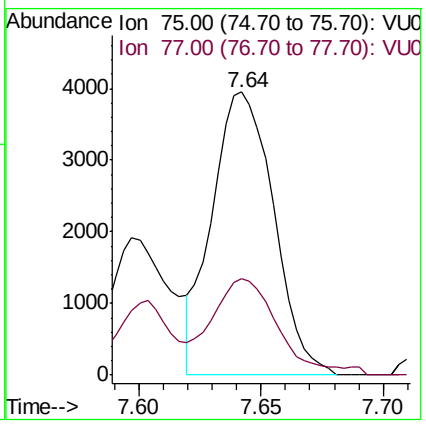


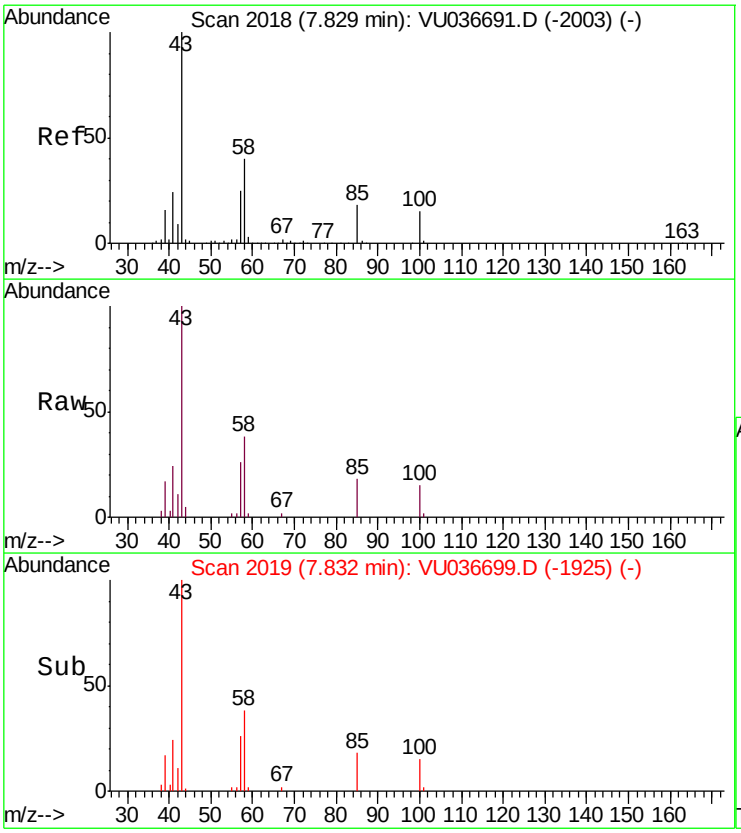
#39
cis-1,3-Dichloropropene
Concen: 2.213 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 6943

Ion	Ratio	Lower	Upper
75	100		
77	34.1	22.3	41.5

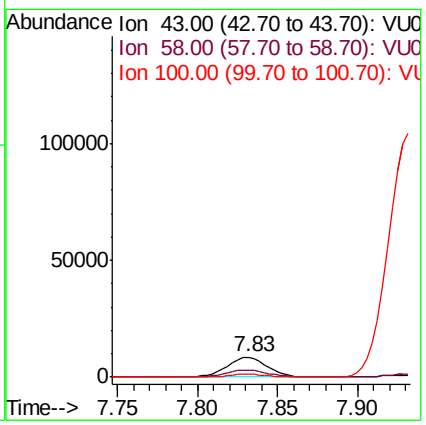


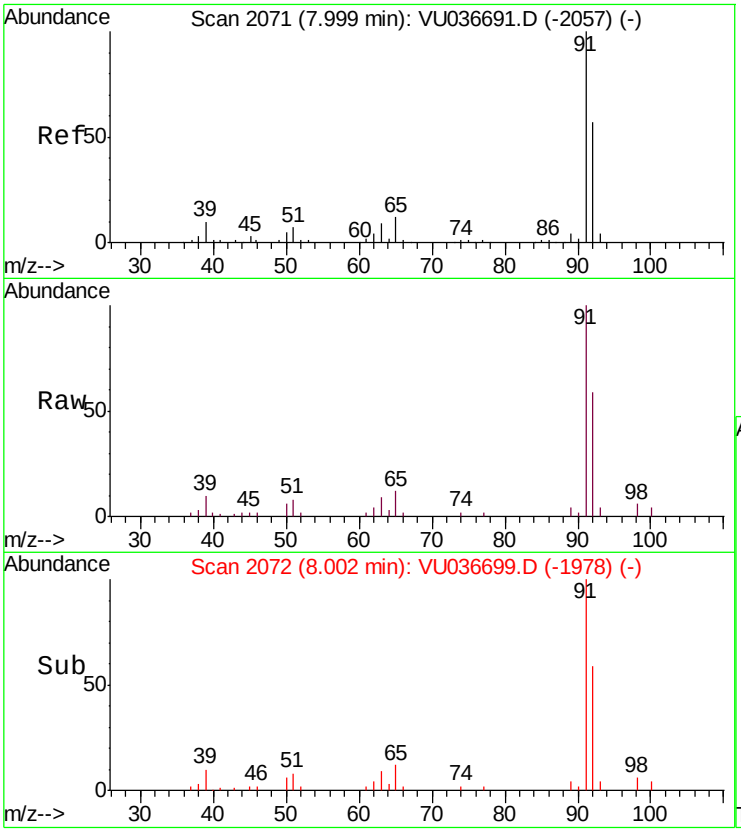


#40
4-Methyl-2-pentanone
Concen: 4.684 ug/L
RT: 7.83 min Scan# 2019
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 43 Resp: 14532

Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.0	46.6
100	13.2	11.4	17.2



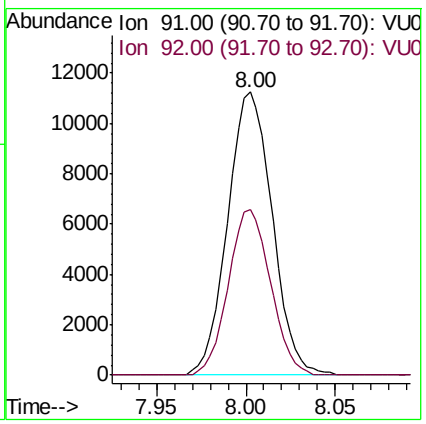


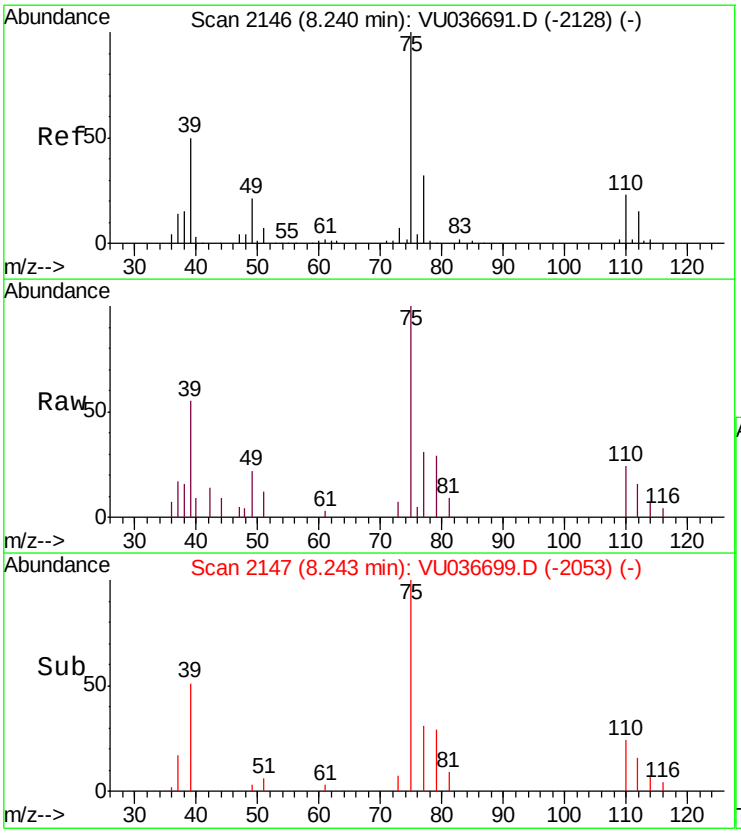
#42
Toluene
Concen: 2.484 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 91 Resp: 19550

Ion	Ratio	Lower	Upper
91	100		
92	58.7	39.5	73.3

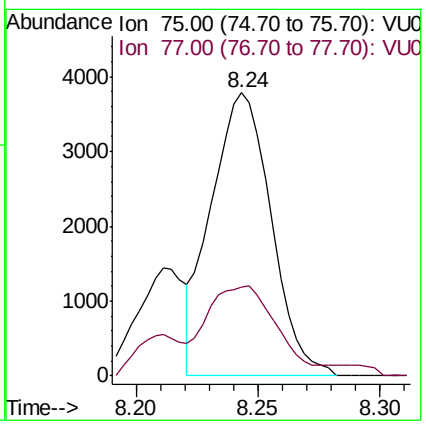


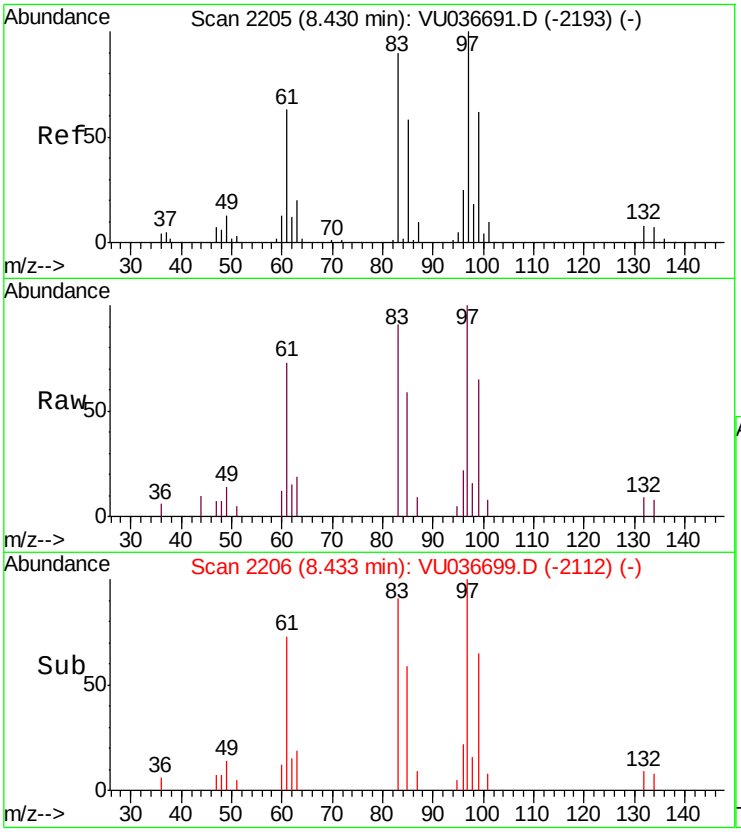


#44
trans-1,3-Dichloropropene
Concen: 2.364 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 75 Resp: 6480

Ion	Ratio	Lower	Upper
75	100		
77	31.3	22.6	42.0



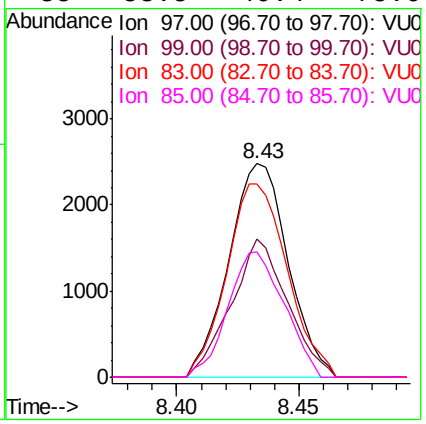


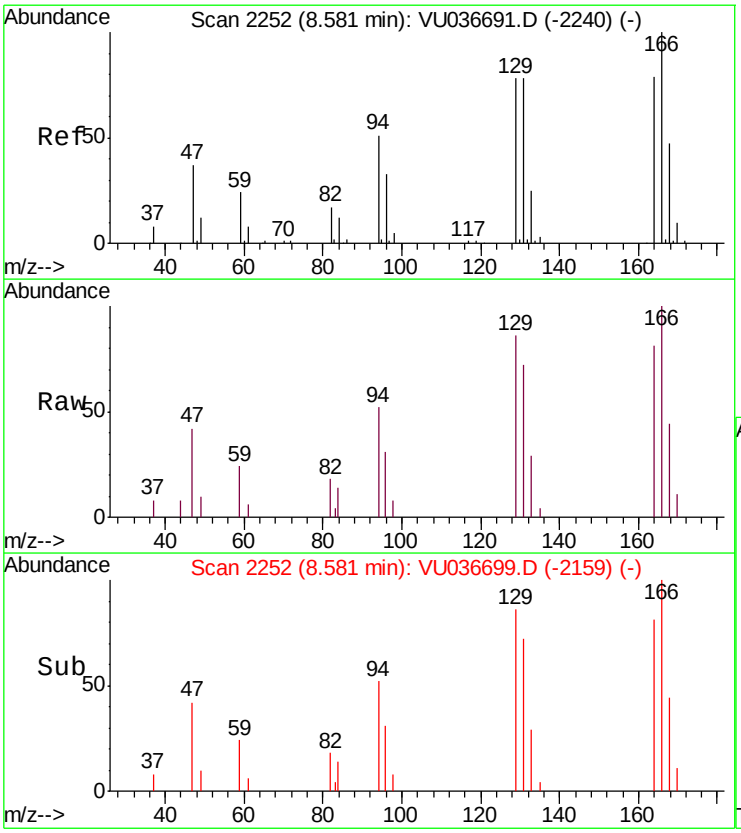
#45
1,1,2-Trichloroethane
Concen: 2.341 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 97 Resp: 4194

Ion	Ratio	Lower	Upper
97	100		
99	64.7	42.6	79.0
83	90.8	61.1	113.5
85	58.5	40.4	75.0

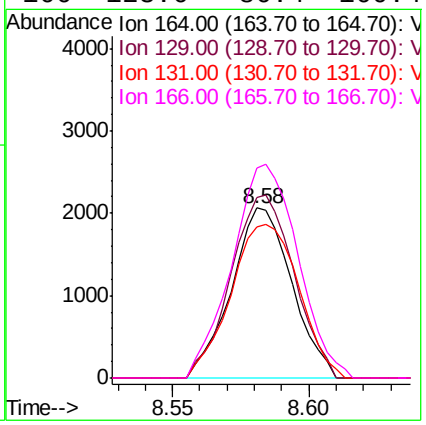


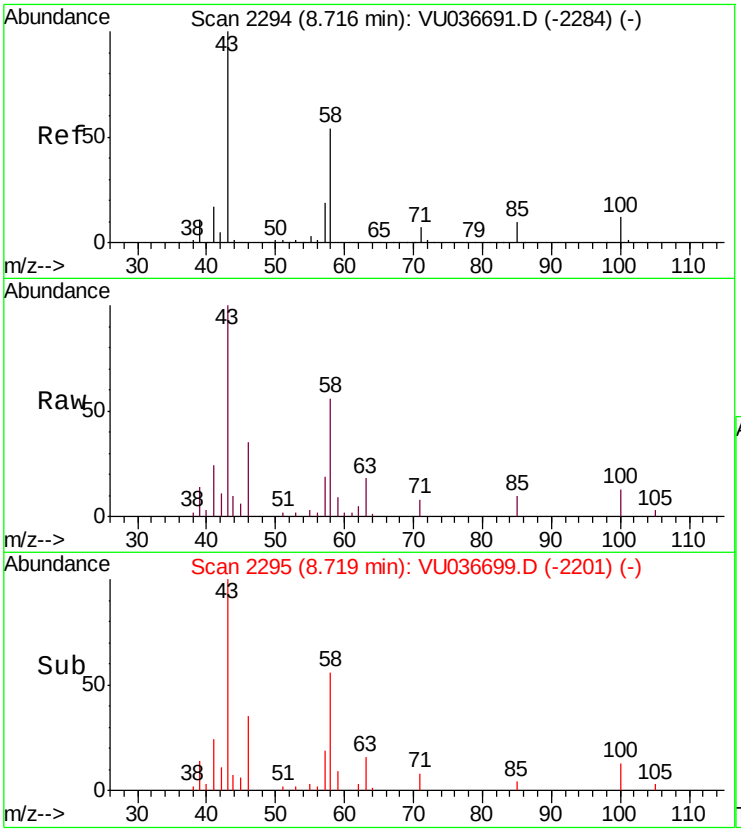


#46
Tetrachloroethene
Concen: 2.513 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:164 Resp: 3176

Ion	Ratio	Lower	Upper
164	100		
129	106.0	71.0	131.9
131	89.2	66.6	123.6
166	123.6	86.4	160.4



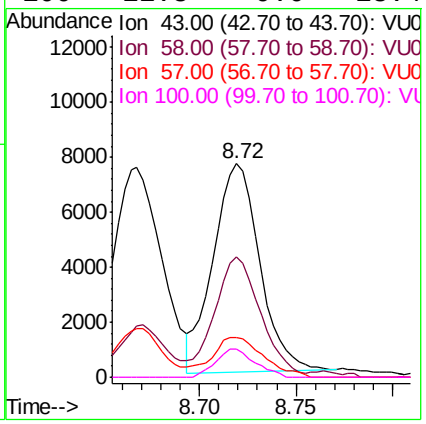


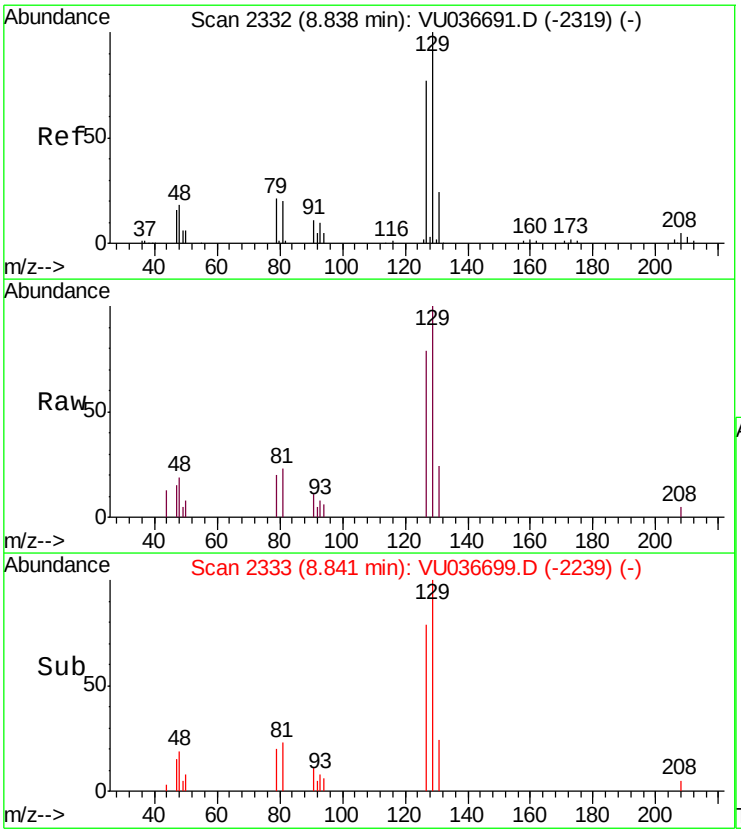
#48
2-Hexanone
Concen: 5.030 ug/L
RT: 8.72 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 12731

Ion	Ratio	Lower	Upper
43	100		
58	56.9	43.6	65.4
57	21.8	15.5	23.3
100	11.3	9.0	13.4

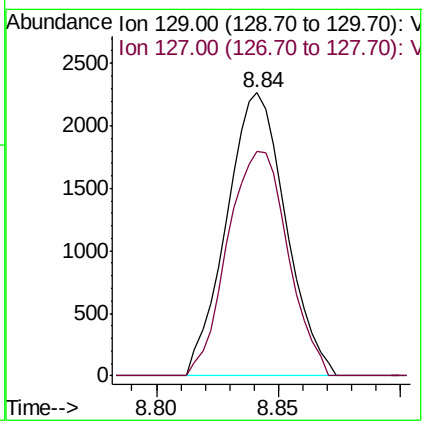


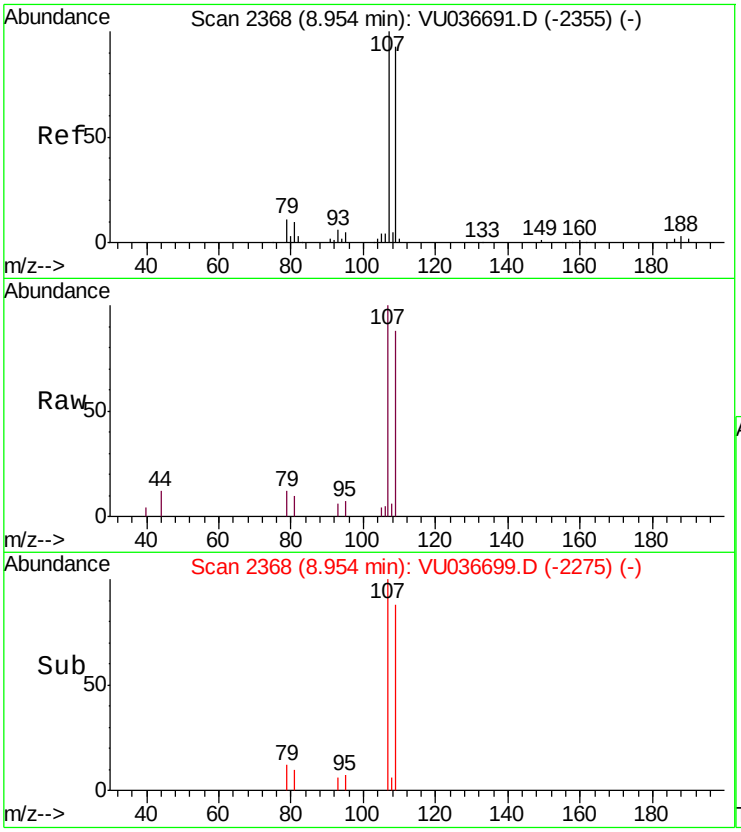


#49
Dibromochloromethane
Concen: 2.176 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:129 Resp: 3813

Ion	Ratio	Lower	Upper
129	100		
127	79.5	53.6	99.6



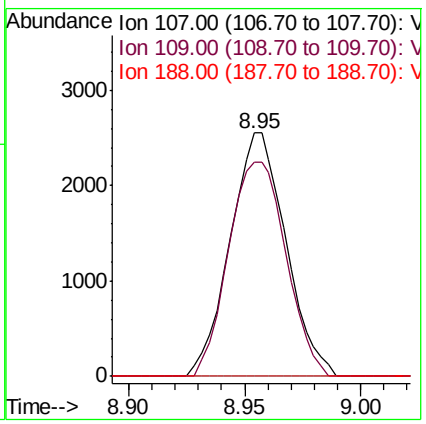


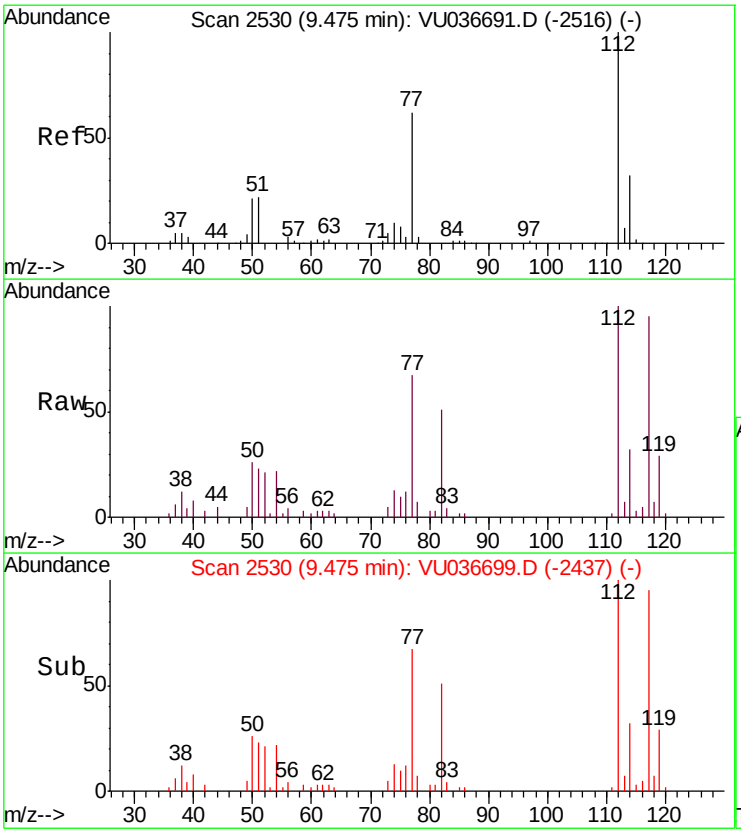
#50
1,2-Dibromoethane
Concen: 2.260 ug/L
RT: 8.95 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:107 Resp: 4254

Ion	Ratio	Lower	Upper
107	100		
109	88.1	65.8	122.2
188	0.0	2.5	3.7#

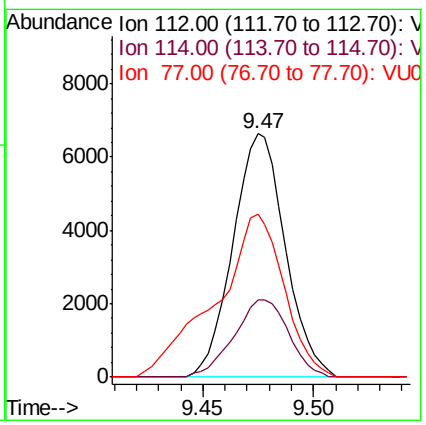


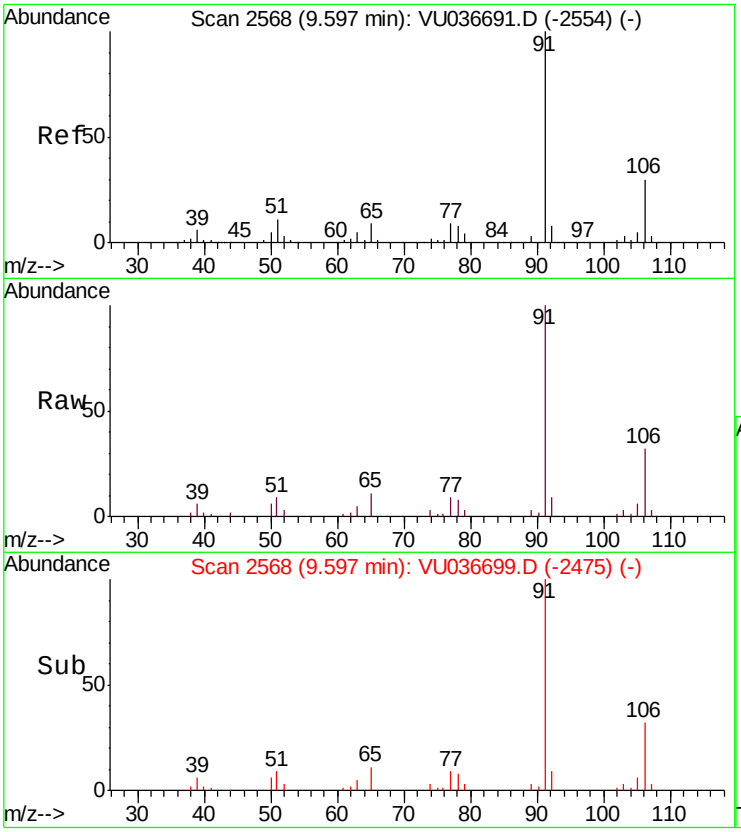


#51
Chlorobenzene
Concen: 2.306 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:112 Resp: 10926

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.7	42.1
77	67.0	50.6	75.8



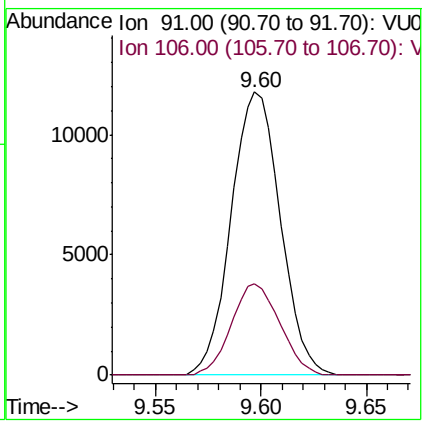


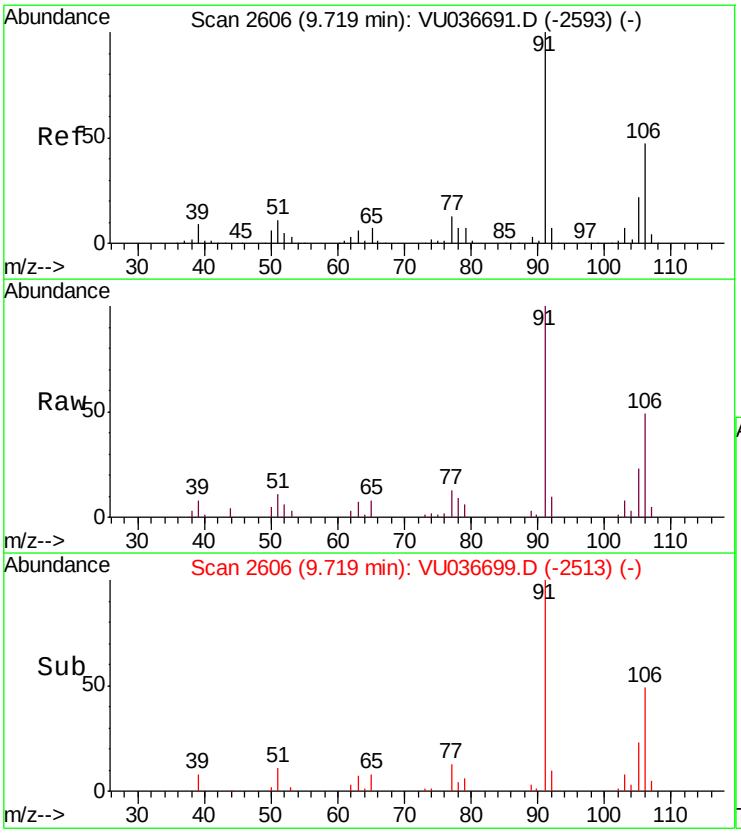
#52
Ethylbenzene
Concen: 2.206 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 19076

Ion	Ratio	Lower	Upper
91	100		
106	32.5	21.3	39.6

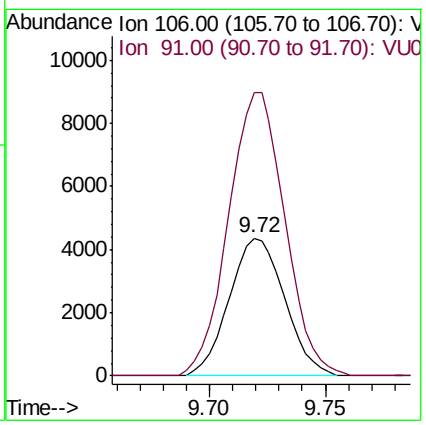


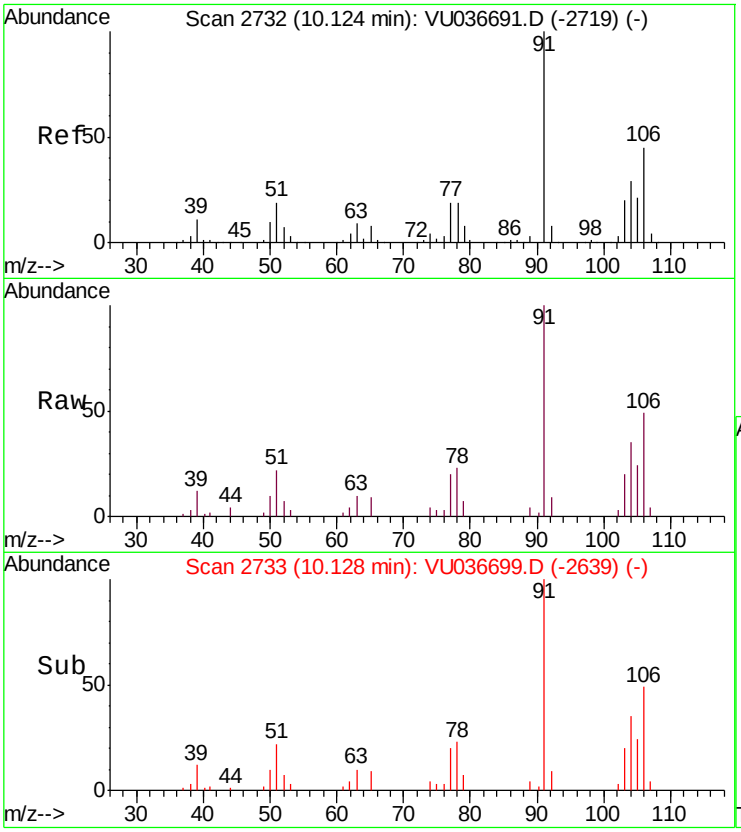


#53
m,p-Xylene
Concen: 2.275 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:106 Resp: 7257

Ion	Ratio	Lower	Upper
106	100		
91	205.0	145.9	270.9



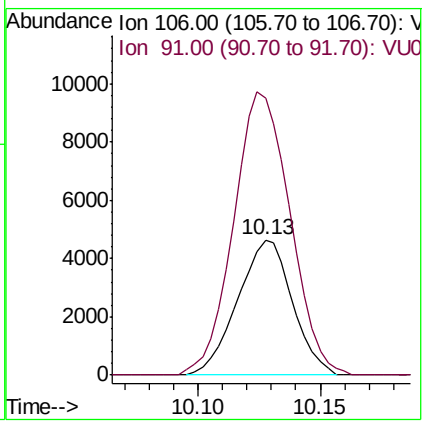


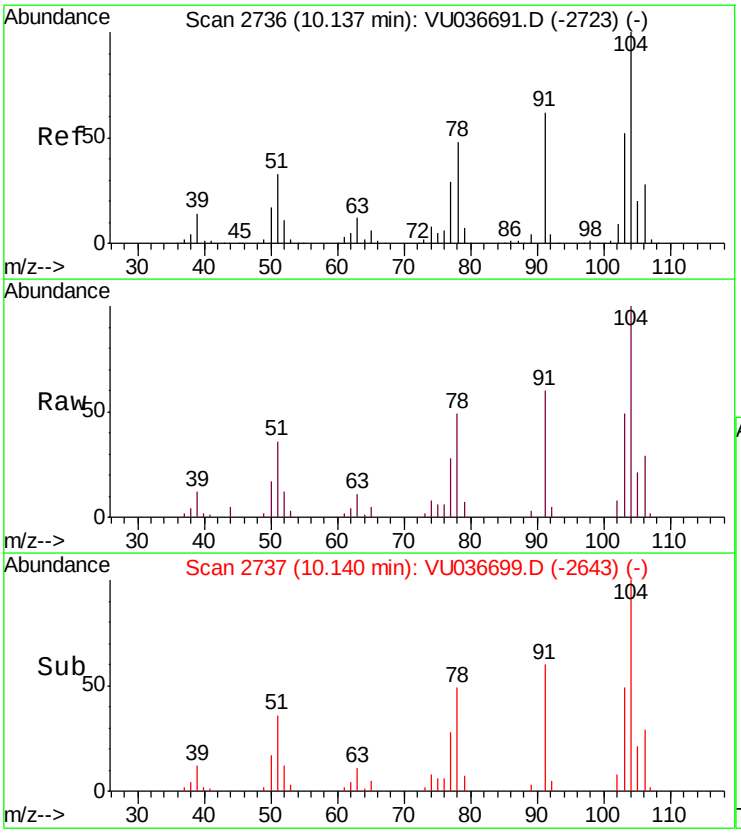
#54
o-xylene
Concen: 2.278 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 7199

Ion	Ratio	Lower	Upper
106	100		
91	204.6	156.0	289.6

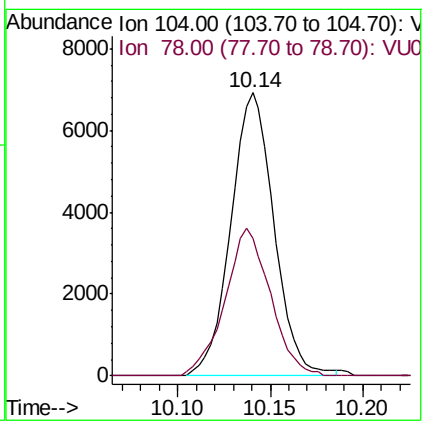


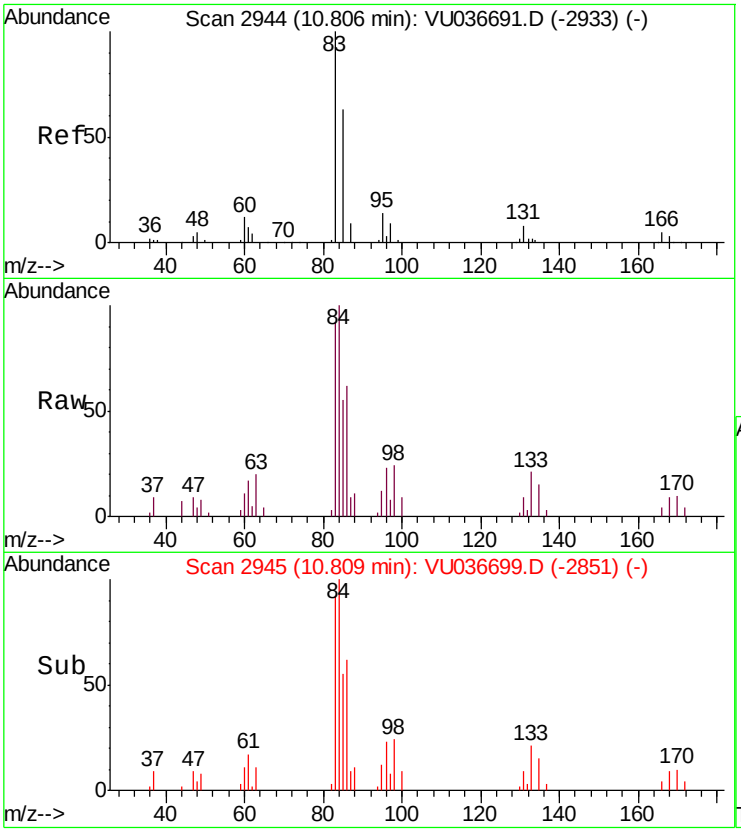


#55
Styrene
Concen: 2.129 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:104 Resp: 11211

Ion	Ratio	Lower	Upper
104	100		
78	48.7	33.7	62.7



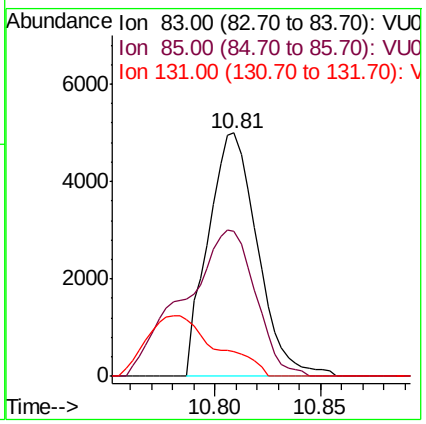


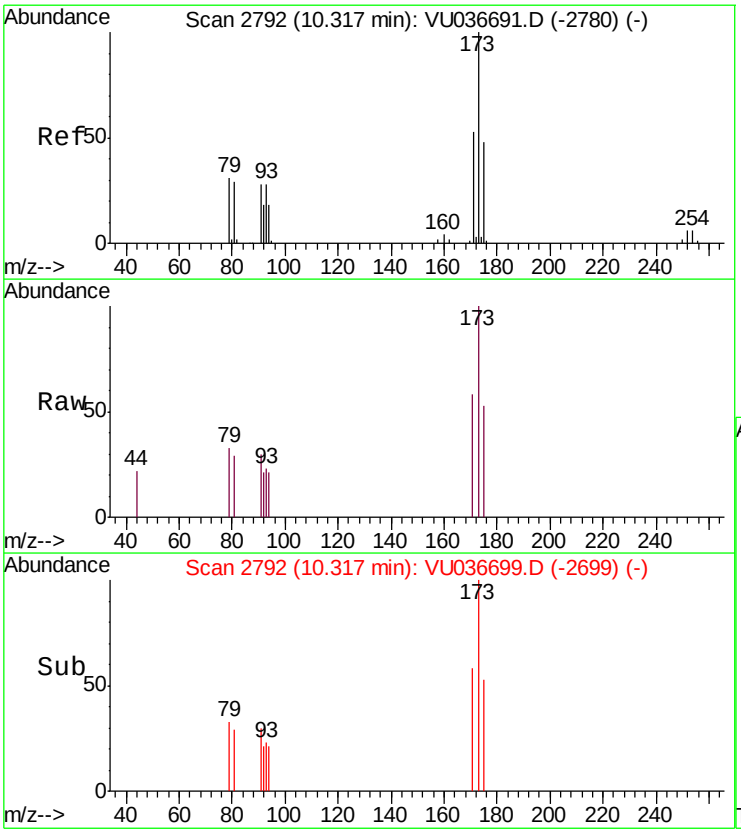
#57
1,1,2,2-Tetrachloroethane
Concen: 2.513 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 8113

Ion	Ratio	Lower	Upper
83	100		
85	59.8	44.7	82.9
131	10.2	6.8	10.2#

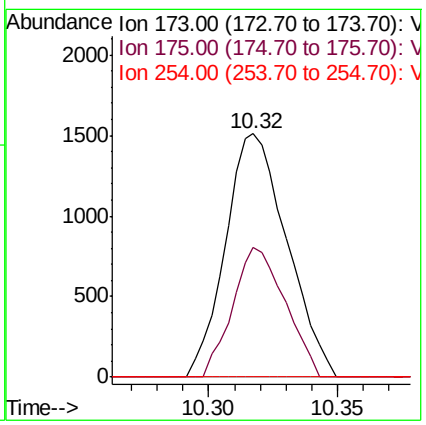


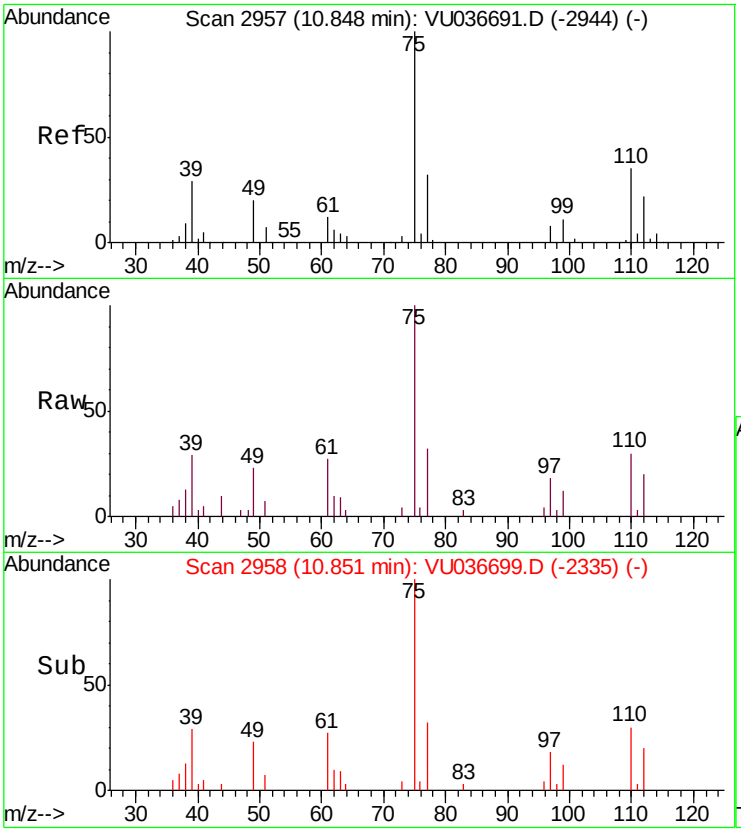


#59
Bromoform
Concen: 2.185 ug/L
RT: 10.32 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:173 Resp: 2509

Ion	Ratio	Lower	Upper
173	100		
175	45.4	38.2	57.4
254	0.0	4.8	7.2#



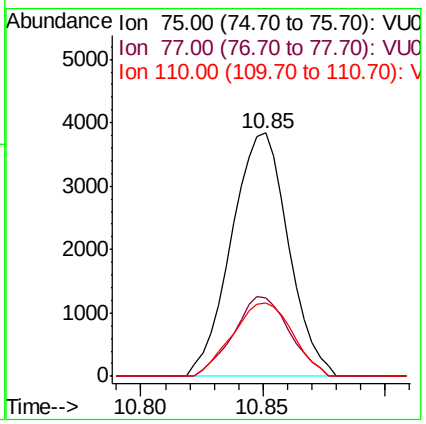


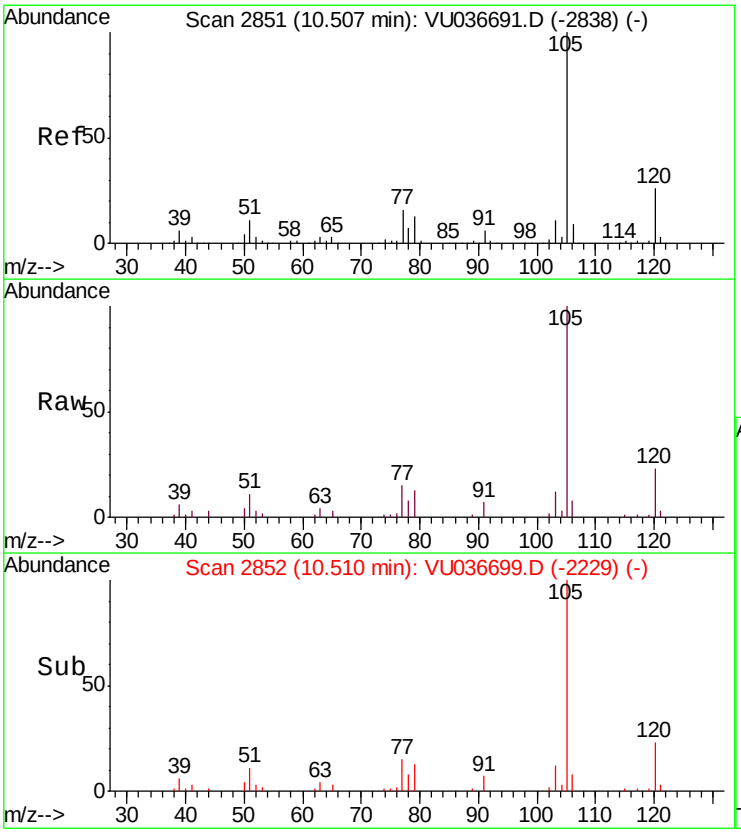
#60
1,2,3-Trichloropropane
Concen: 2.541 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 6212

Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.1	39.1
110	32.0	26.9	40.3

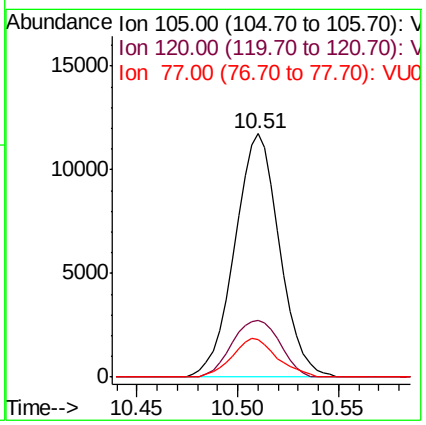


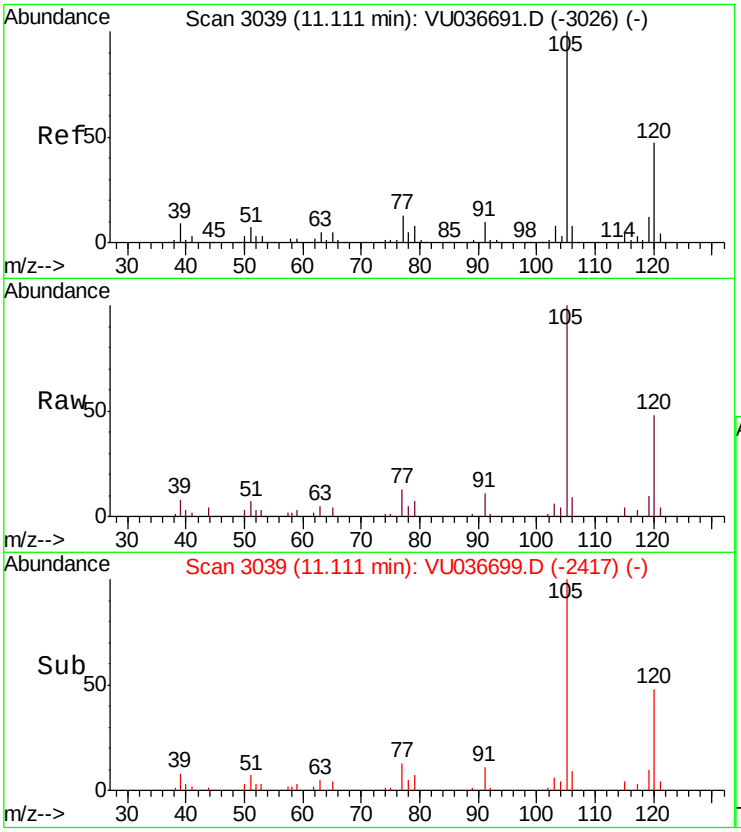


#61
Isopropylbenzene
Concen: 2.355 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:105 Resp: 18225

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.2	30.4
77	15.8	13.0	19.6



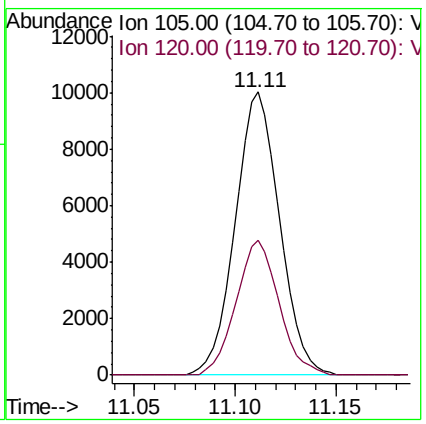


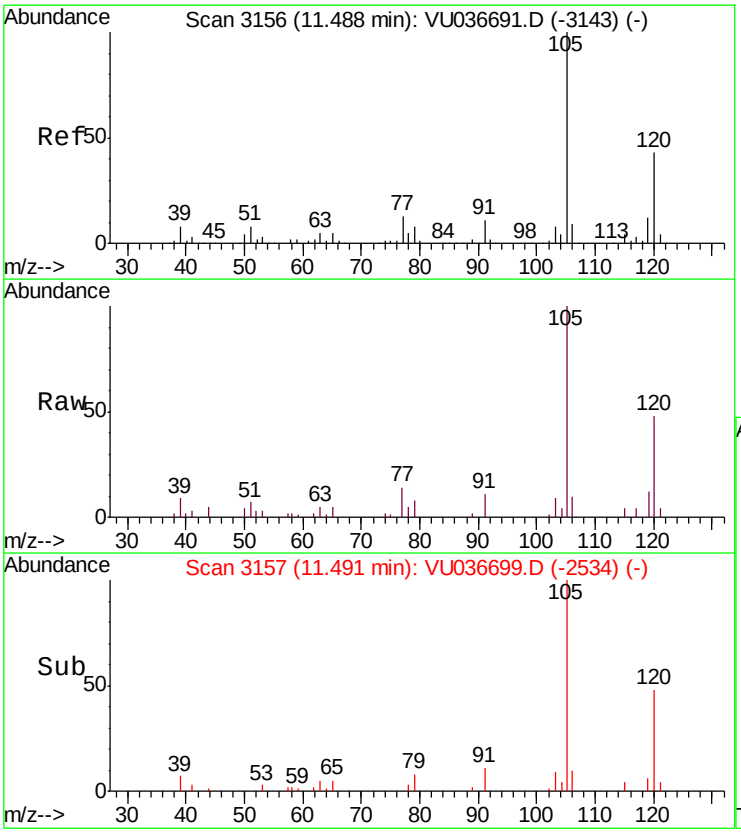
#62
1,3,5-Trimethylbenzene
Concen: 2.330 ug/L
RT: 11.11 min Scan# 3039
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 15458

Ion	Ratio	Lower	Upper
105	100		
120	45.9	37.1	55.7

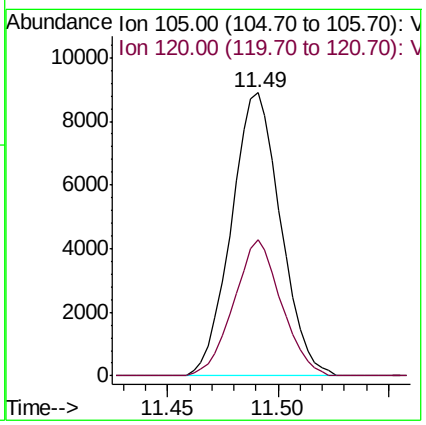


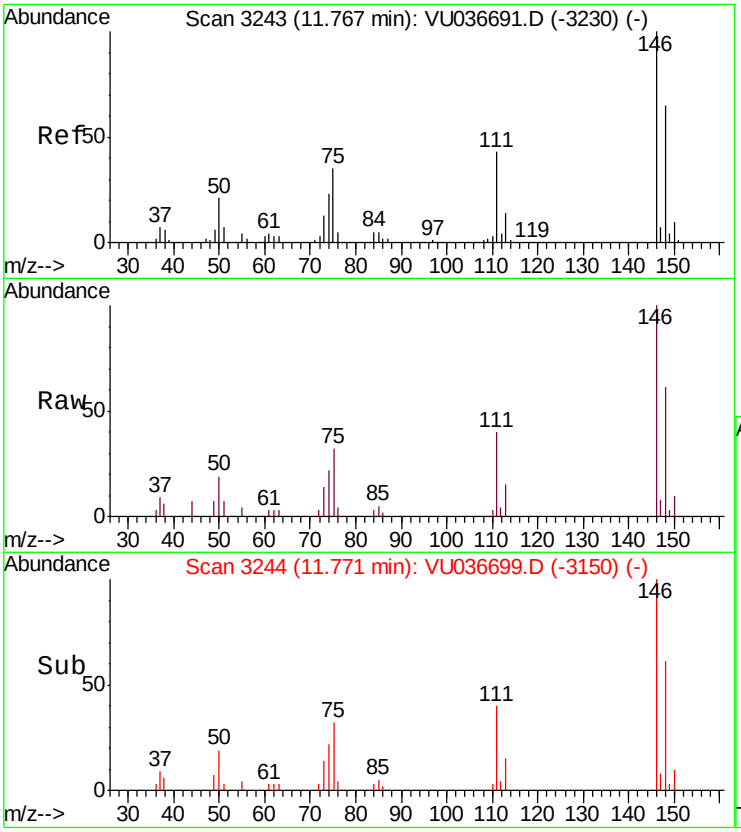


#63
1,2,4-Trimethylbenzene
Concen: 2.087 ug/L
RT: 11.49 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:105 Resp: 13830

Ion	Ratio	Lower	Upper
105	100		
120	46.5	34.7	52.1



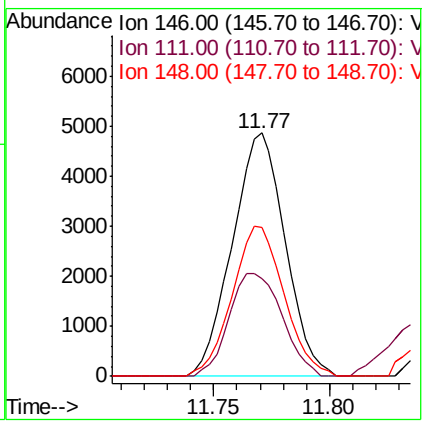


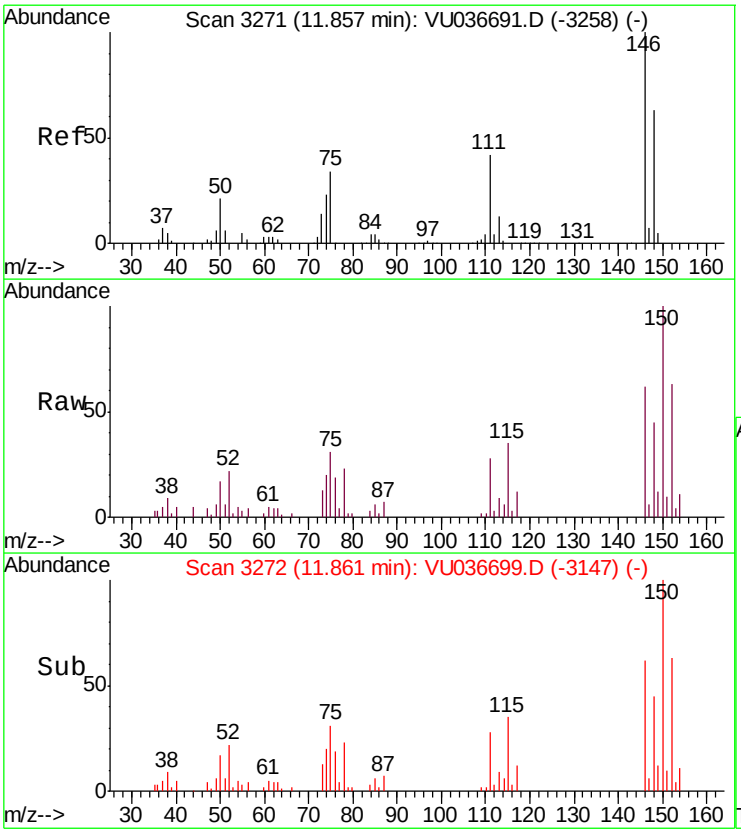
#64
1,3-Dichlorobenzene
Concen: 2.369 ug/L
RT: 11.77 min Scan# 3244
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 7709

Ion	Ratio	Lower	Upper
146	100		
111	40.1	30.4	56.4
148	61.3	44.5	82.7

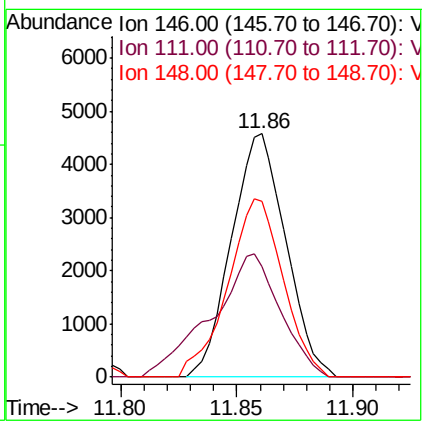


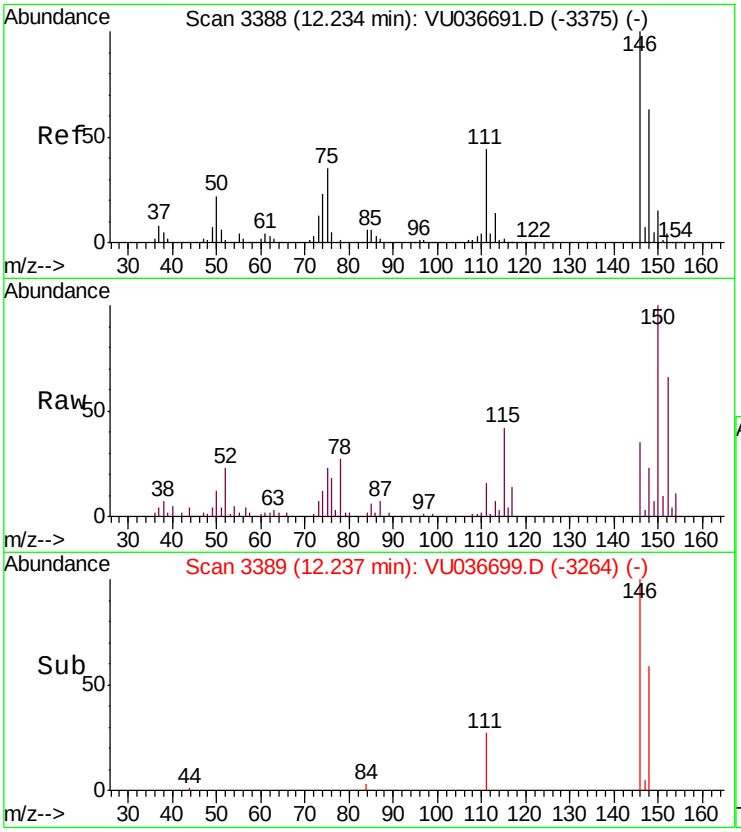


#65
1,4-Dichlorobenzene
Concen: 2.272 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:146 Resp: 7443

Ion	Ratio	Lower	Upper
146	100		
111	45.6	29.3	54.3
148	72.3	44.8	83.2



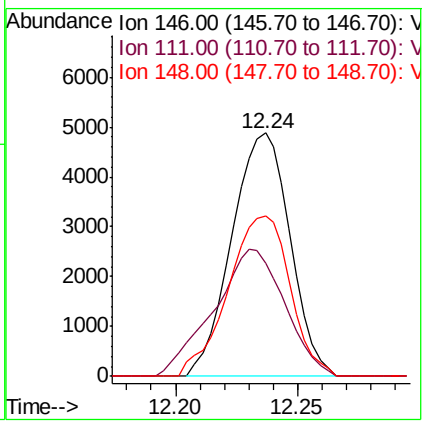


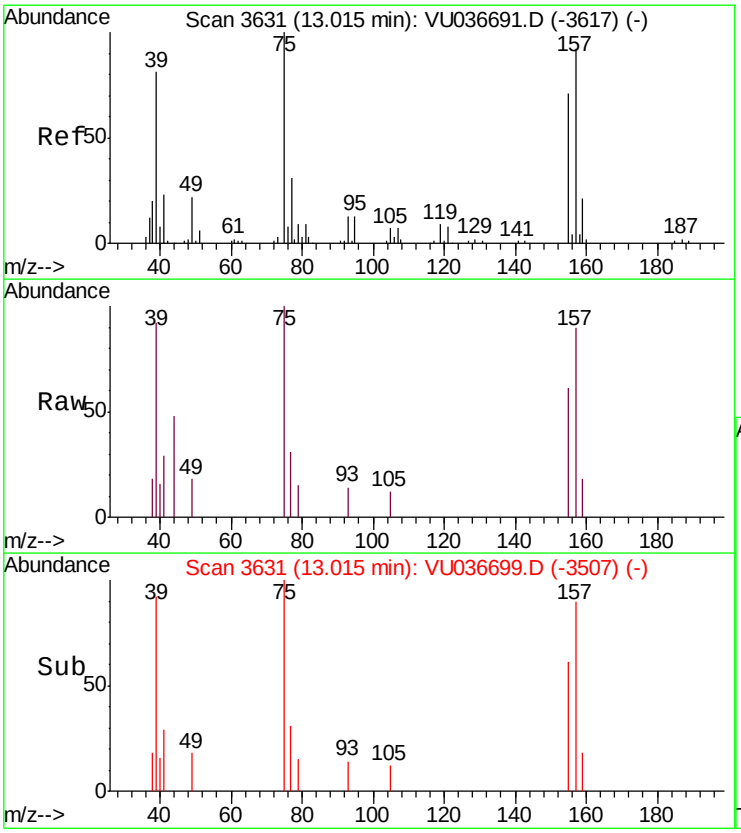
#67
1,2-Dichlorobenzene
Concen: 2.450 ug/L
RT: 12.24 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 8072

Ion	Ratio	Lower	Upper
146	100		
111	46.3	35.4	53.0
148	65.9	50.4	75.6

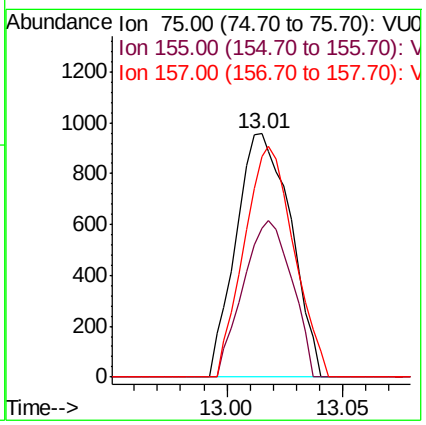


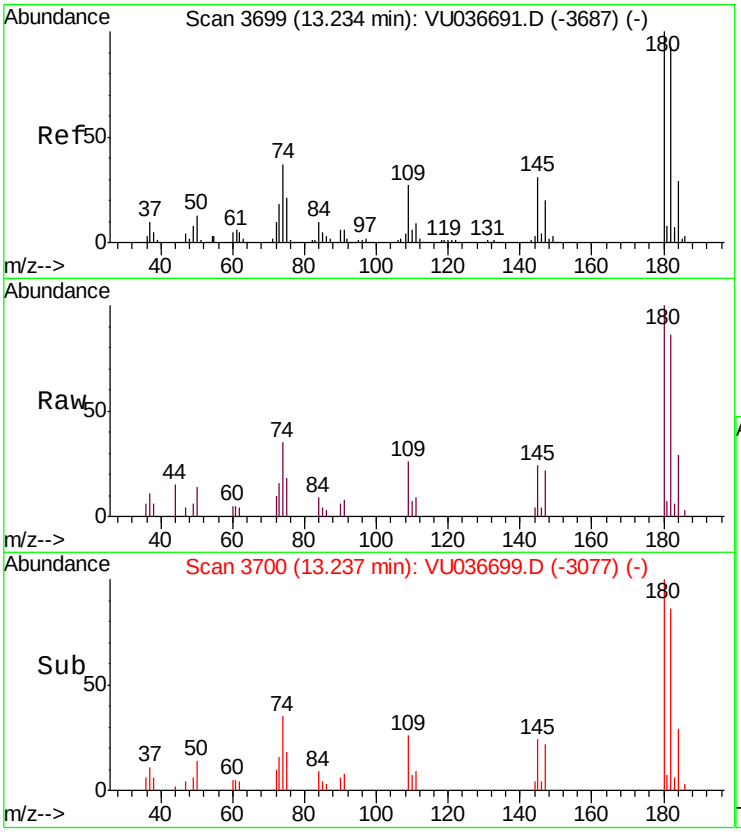


#68
1,2-Dibromo-3-chloropropane
Concen: 2.241 ug/L
RT: 13.01 min Scan# 3631
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion: 75 Resp: 1566

Ion	Ratio	Lower	Upper
75	100		
155	61.1	58.7	88.1
157	90.4	77.8	116.6



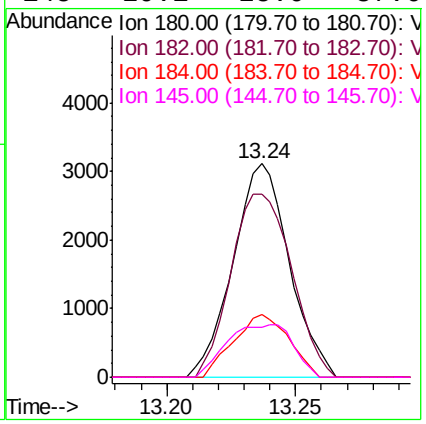


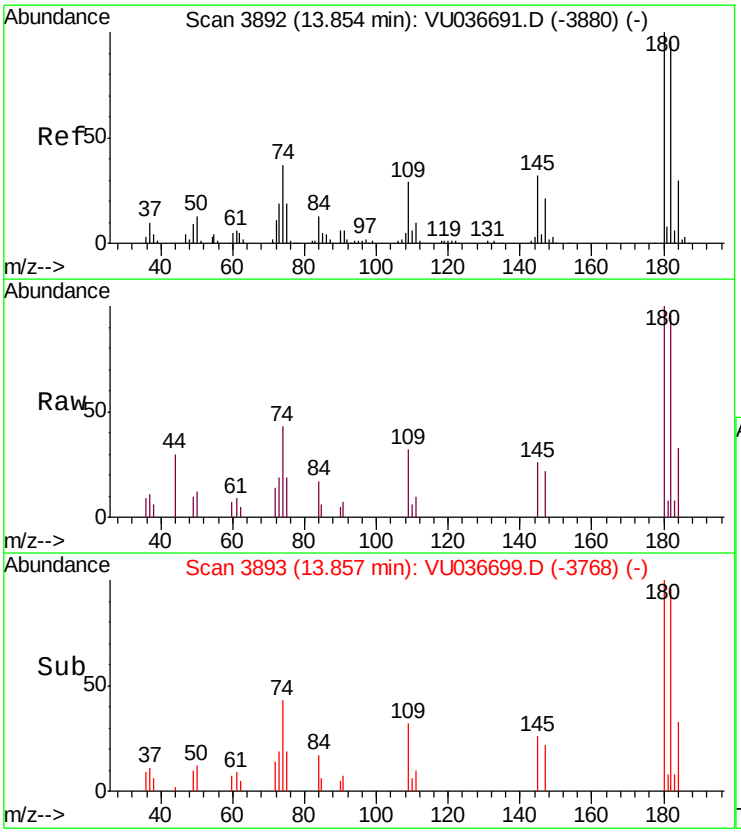
#69
1,3,5-Trichlorobenzene
Concen: 2.108 ug/L
RT: 13.24 min Scan# 3700
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 4757

Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.2	114.4
184	28.8	23.8	35.6
145	29.1	25.0	37.6

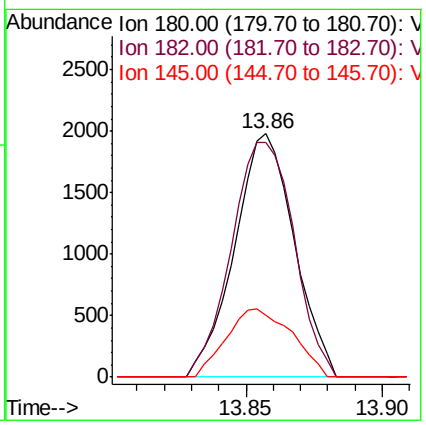


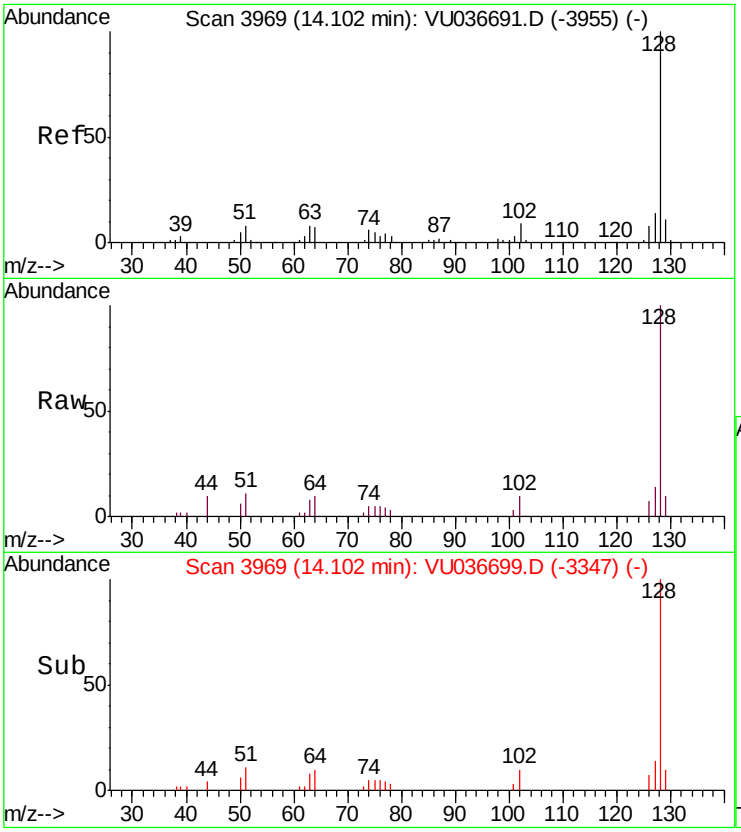


#70
1,2,4-trichlorobenzene
Concen: 1.595 ug/L
RT: 13.86 min Scan# 3893
Delta R.T. 0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:180 Resp: 3001

Ion	Ratio	Lower	Upper
180	100		
182	101.5	76.1	114.1
145	30.9	25.7	38.5



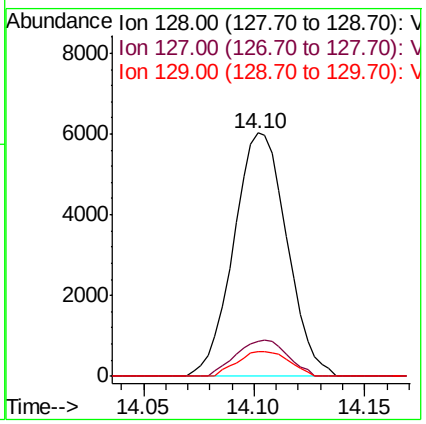


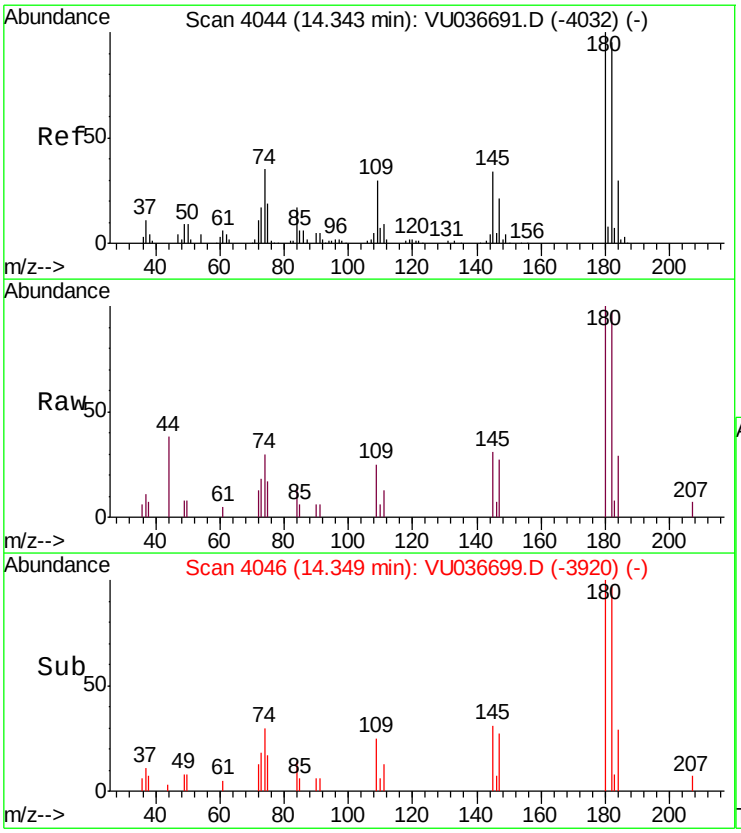
#71
Naphthalene
Concen: 1.519 ug/L
RT: 14.10 min Scan# 3969
Delta R.T. -0.00 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:128 Resp: 10076

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	16.0
129	9.9	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 1.581 ug/L
RT: 14.35 min Scan# 4046
Delta R.T. 0.01 min
Lab File: VU036699.D
Acq: 07 Feb 2020 13:36

Tgt Ion:180 Resp: 2964

Ion	Ratio	Lower	Upper
180	100		
182	103.4	76.8	115.2
145	38.9	27.5	41.3