Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\

Quantitation Report (Not Reviewed)

Data File : VU025901.D
Acq On : 06 Aug 2018 21:12
Operator : MD/SY
Sample : J4263-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0515

Quant Time: Aug 07 01:02:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	187695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299804	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	295811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	189012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	147797	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.08%			
35) Dibromofluoromethane	4.89	113	123952	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.08%			
50) Toluene-d8	7.57	98	452305	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.14%			
62) 4-Bromofluorobenzene	10.31	95	172171	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.22%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	933	1.457	ug/l #	73
13) Acrolein	2.30	56	6400	25.778	ug/l	83
14) Allyl chloride	2.71	41	21337	5.892	ug/l #	55
15) Acrylonitrile	3.00	53	7526	5.887	ug/l #	37
16) Acetone	2.31	43	21668	15.197	ug/l #	57
18) Methyl Acetate	2.71	43	56353	16.421	ug/l #	52
20) Methylene Chloride	2.72	84	861	0.341	ug/l #	1
23) Vinyl Acetate	3.31	43	10807	1.738	ug/l #	52
25) 2-Butanone	4.23	43	2594	1.336	ug/l #	49
31) Cyclohexane	5.00	56	468681	127.875	ug/l	98
36) 1,1-Dichloropropene	4.99	75	14823	4.231	ug/l #	60
37) Ethyl Acetate	4.23	43	2594	0.714	ug/l #	69
38) Carbon Tetrachloride	4.99	117	18297	4.611	ug/l #	15
39) Methylcyclohexane	6.42	83	734871	183.056	ug/l	98
40) Benzene	5.39	78	117422	11.465	ug/l	99
42) 1,2-Dichloroethane	5.39	62	1101	0.279	ug/l #	77
43) Isopropyl Acetate	5.56	43	5192	0.865	ug/l #	61
45) 1,2-Dichloropropane	6.42	63	6903	2.584	ug/l #	1
47) Bromodichloromethane	6.75	83	1434	0.388	ug/l #	79
48) Methyl methacrylate	6.64	41	28383	9.646	ug/l #	52
51) 4-Methyl-2-Pentanone	7.47	43	957	0.255	ug/l	91
55) 1,1,2-Trichloroethane	8.05	97	35858	13.561	ug/l #	18
56) Ethyl methacrylate	8.05	69	7907	2.093	ug/l #	1
58) 2-Chloroethyl Vinyl ether	6.91	63	68	7.115	ug/l #	47
59) 2-Hexanone	8.31	43	4343	1.474	ug/l #	26
67) Ethyl Benzene	9.25	91	216263	17.119	ug/l	100
68) m/p-Xylenes	9.38	106	12179	2.511	ug/l	94
73) Isopropylbenzene	10.17	105	635090	49.230	ug/l	100
76) 1,2,3-Trichloropropane	10.59	75	7070	1.698	ug/l #	1
78) n-propylbenzene	10.59	91	1109991	73.719	ug/l	99
79) 2-Chlorotoluene	10.59	91	1109991	125.860	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.71	105	52287	4.772	ug/l	73
81) trans-1,4-Dichloro-2-buten	10.59	75	7070	4.257	ug/l #	100
82) 4-Chlorotoluene	10.59	91	1109991	106.773	ug/l #	44

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\

Quantitation Report (Not Reviewed)

Data File : VU025901.D
Acq On : 06 Aug 2018 21:12
Operator : MD/SY
Sample : J4263-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : FL-0515

Quant Time: Aug 07 01:02:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) tert-Butylbenzene	11.15	119	479515	44.051	ug/l	#	60
84) 1,2,4-Trimethylbenzene	11.15	105	3963368	356.983	ug/l		98
85) sec-Butylbenzene	11.33	105	186662	14.045	ug/l		99
86) p-Isopropyltoluene	11.48	119	67105	5.639	ug/l		99
89) n-Butylbenzene	11.89	91	127301	11.592	ug/l	#	75
90) Hexachloroethane	12.15	117	35412	16.736	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	2332	2.205	ug/l	#	1
95) Naphthalene	13.74	128	504011	36.264	ug/l		99

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

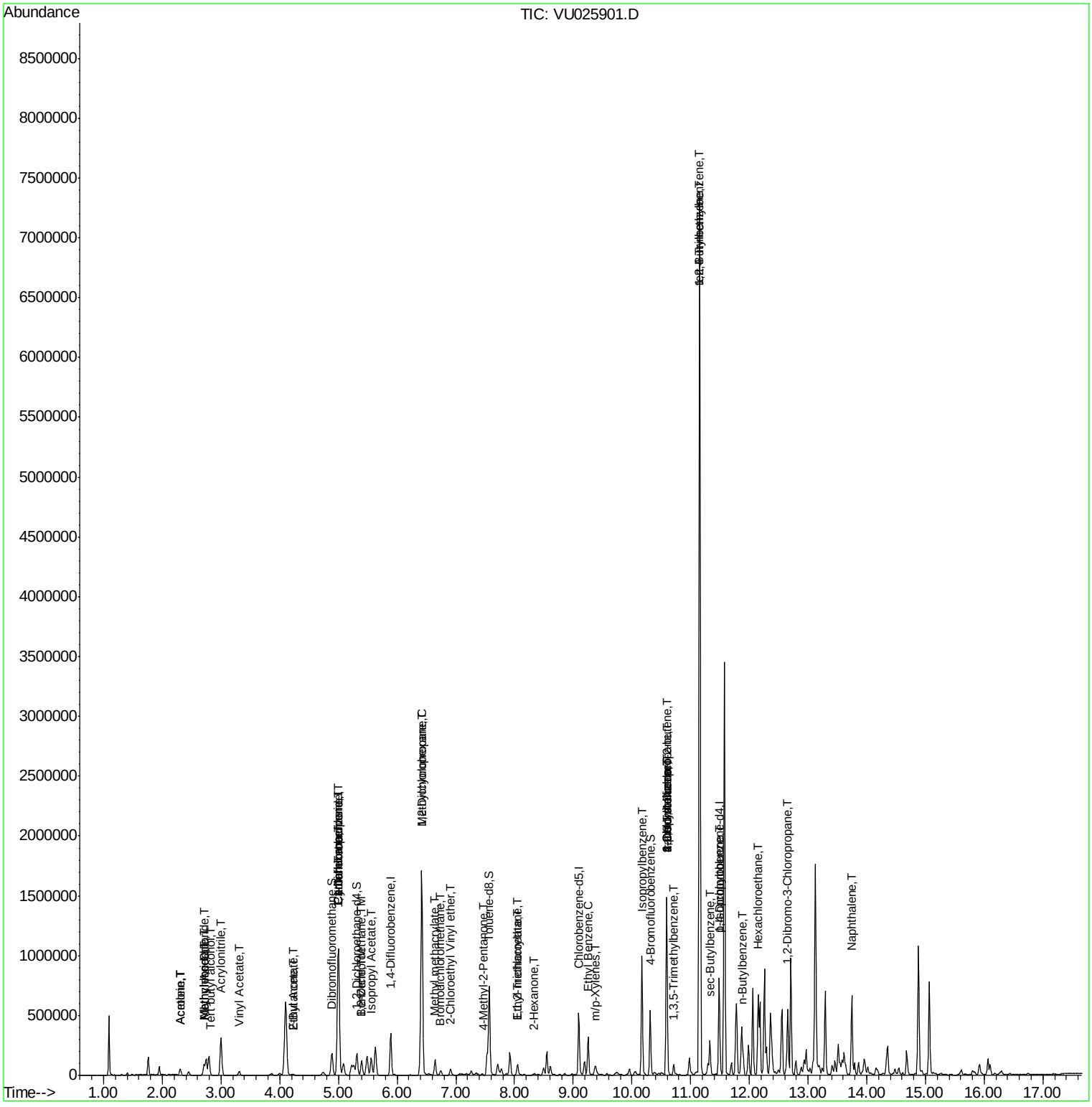
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\

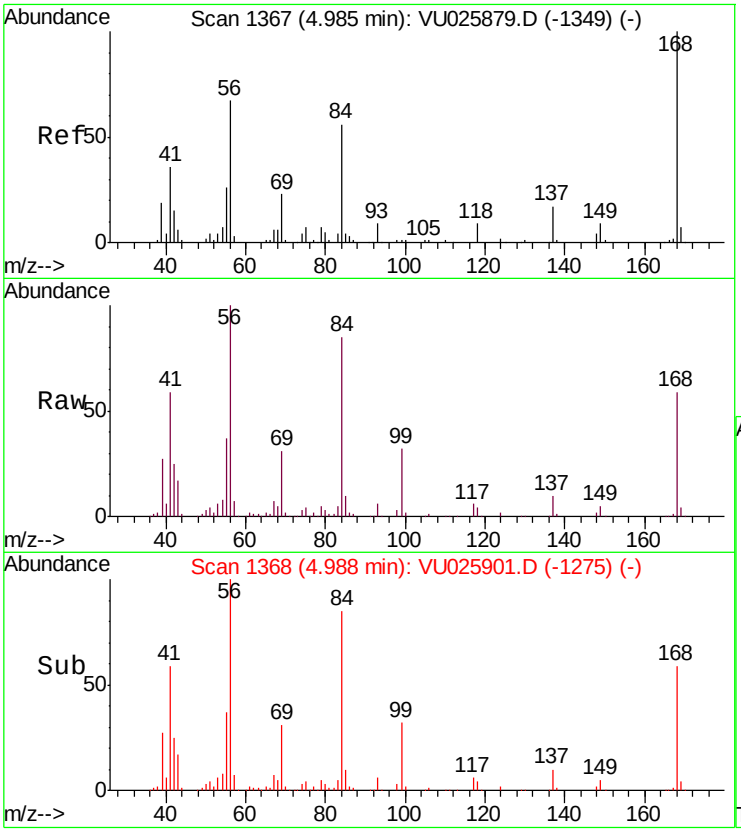
Quantitation Report (Not Reviewed)

Data File : VU025901.D
Acq On : 06 Aug 2018 21:12
Operator : MD/SY
Sample : J4263-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FL-0515

Quant Time: Aug 07 01:02:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration



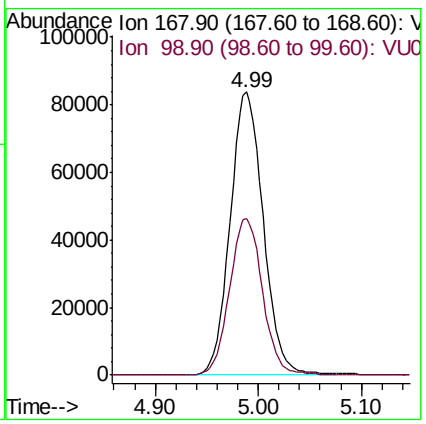


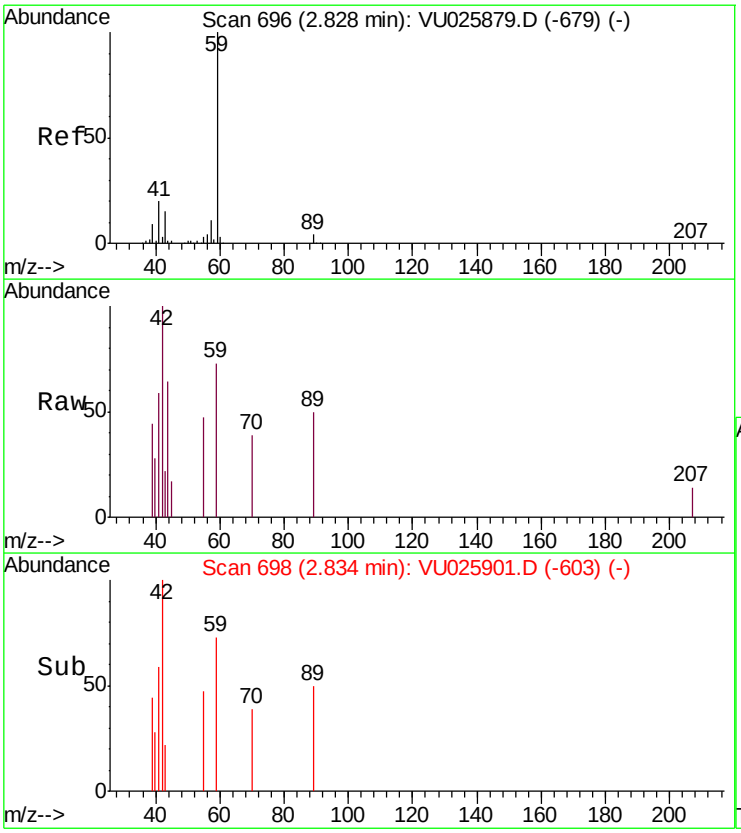
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument : MSVOA_U
ClientSampleId : FL-0515

Tgt Ion:168 Resp: 187695

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.8	64.2

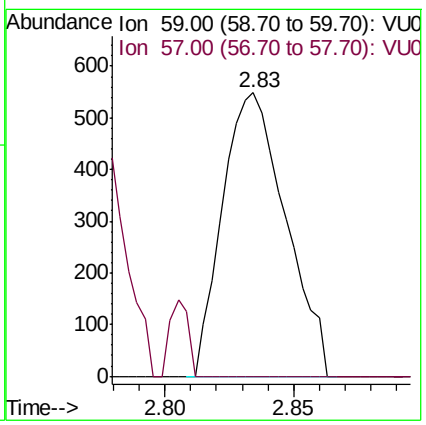


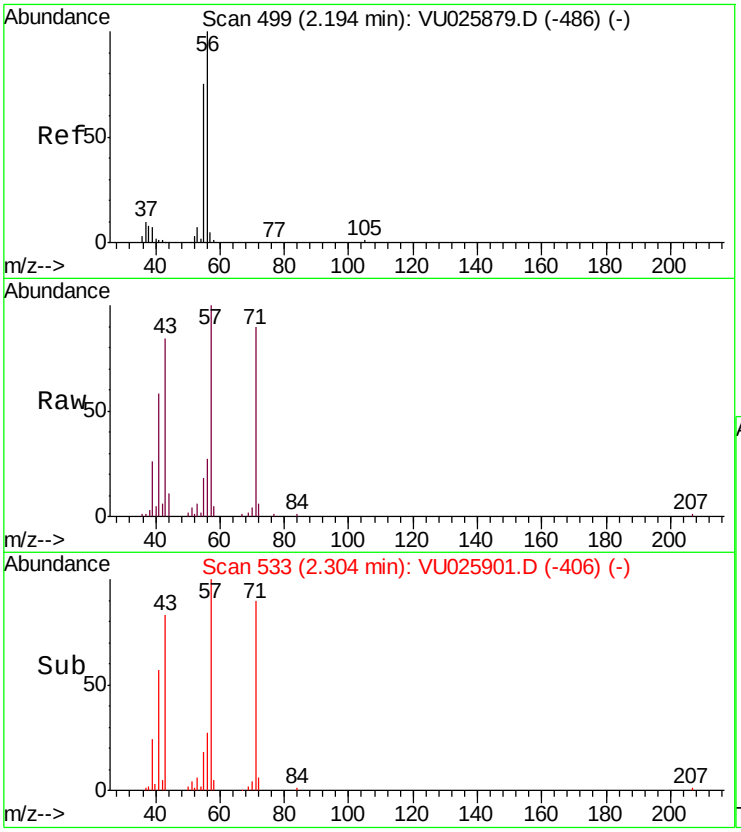


#11
Tert butyl alcohol
Concen: 1.457 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion: 59 Resp: 933

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



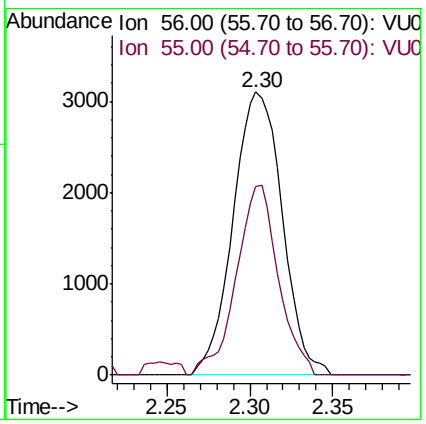


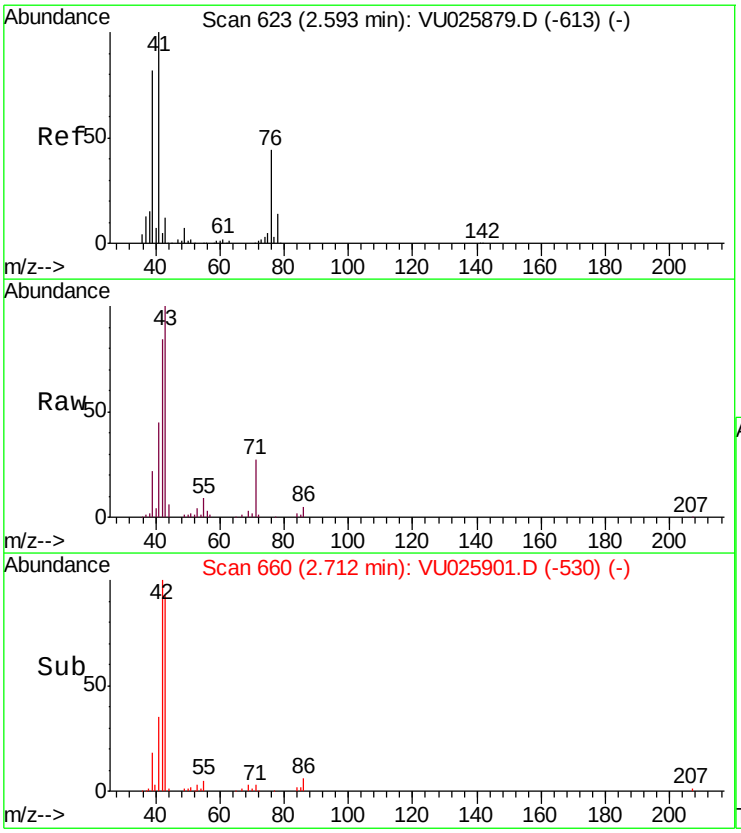
#13
Acrolein
Concen: 25.778 ug/l
RT: 2.30 min Scan# 533
Delta R.T. 0.11 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument :
MSVOA_U
ClientSampleId :
FL-0515

Tgt Ion: 56 Resp: 6400

Ion	Ratio	Lower	Upper
56	100		
55	57.4	57.2	85.8

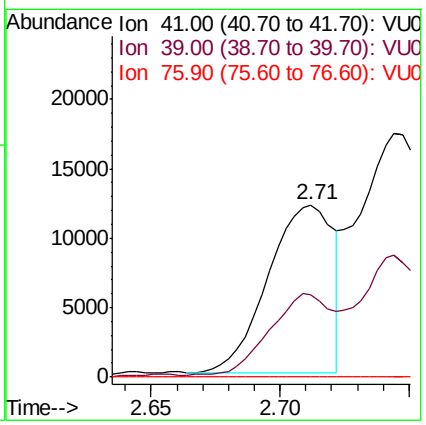


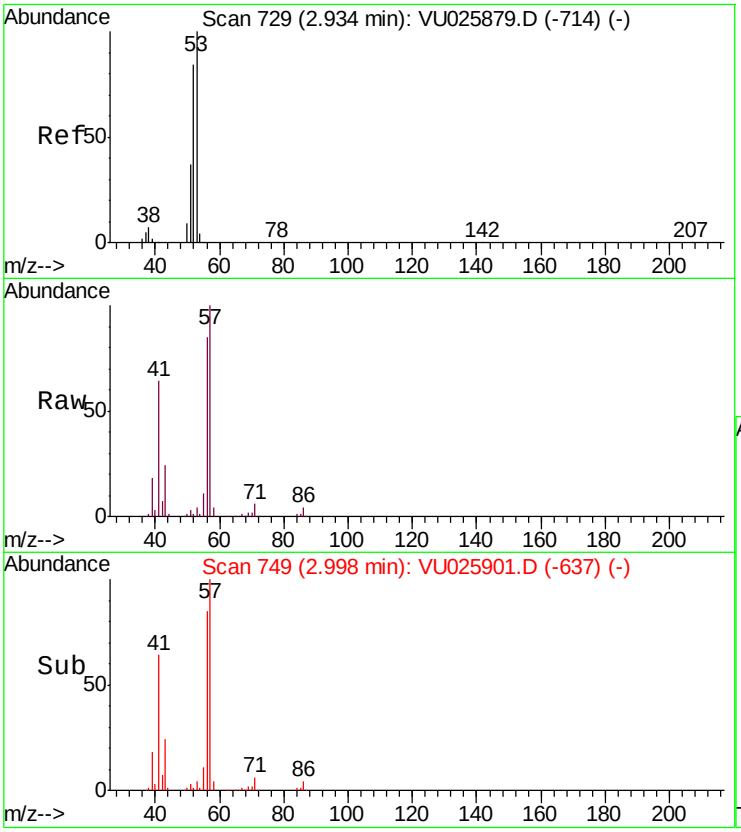


#14
Allyl chloride
Concen: 5.892 ug/l
RT: 2.71 min Scan# 660
Delta R.T. 0.12 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion: 41 Resp: 21337

Ion	Ratio	Lower	Upper
41	100		
39	45.6	60.6	91.0#
76	0.0	30.5	45.7#



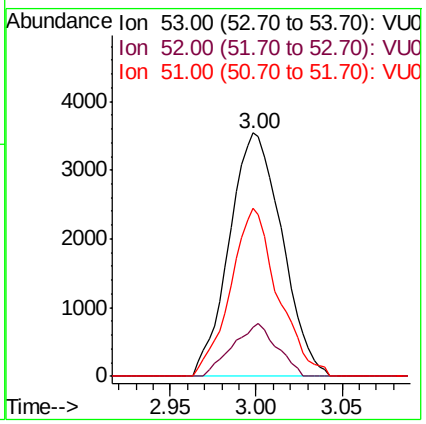


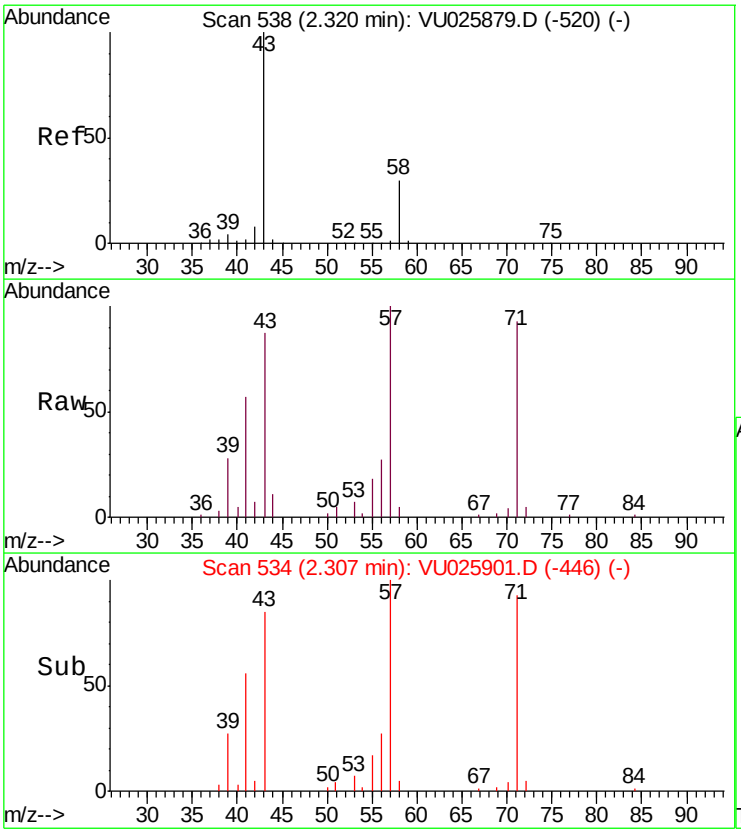
#15
Acrylonitrile
Concen: 5.887 ug/l
RT: 3.00 min Scan# 749
Delta R.T. 0.06 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument : MSVOA_U
ClientSampleId : FL-0515

Tgt Ion: 53 Resp: 7526

Ion	Ratio	Lower	Upper
53	100		
52	18.3	66.6	99.8#
51	62.1	29.4	44.2#

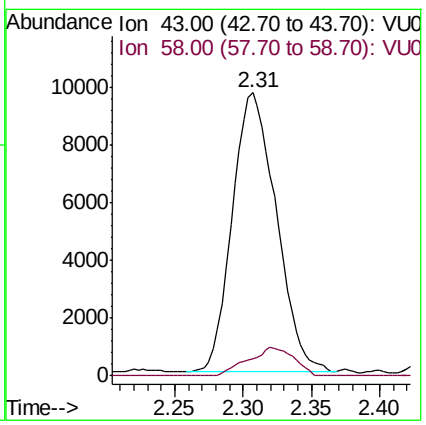


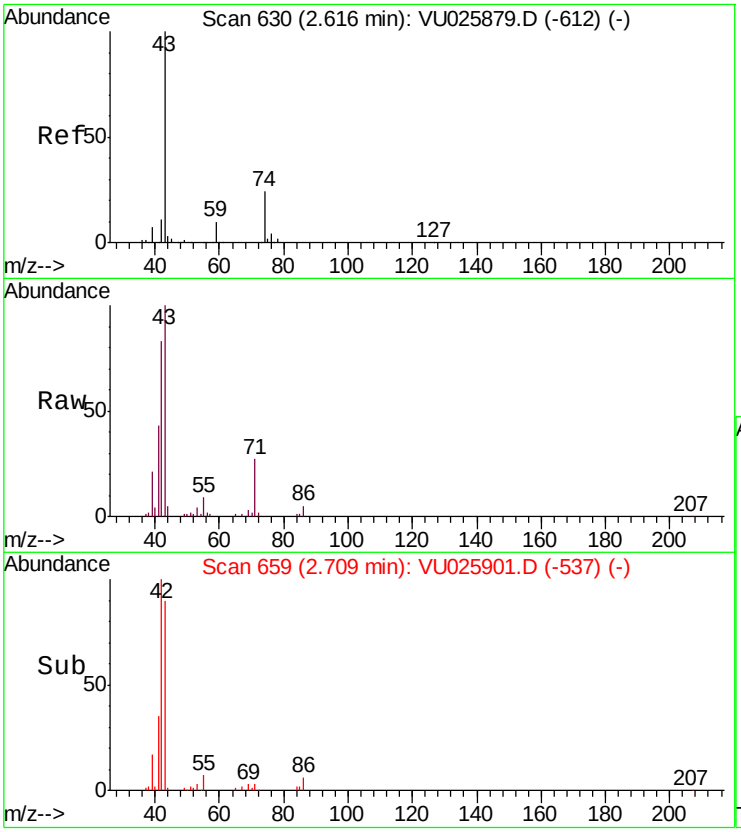


#16
Acetone
Concen: 15.197 ug/l
RT: 2.31 min Scan# 534
Delta R.T. -0.02 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion: 43 Resp: 21668

Ion	Ratio	Lower	Upper
43	100		
58	6.1	23.1	34.7#



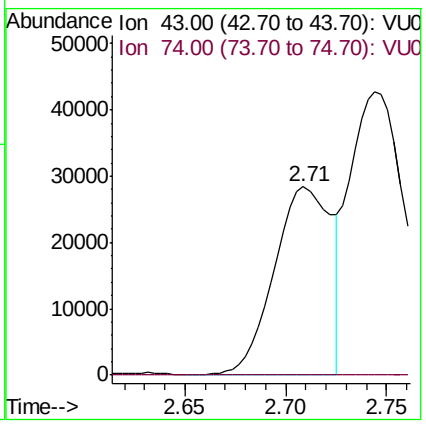


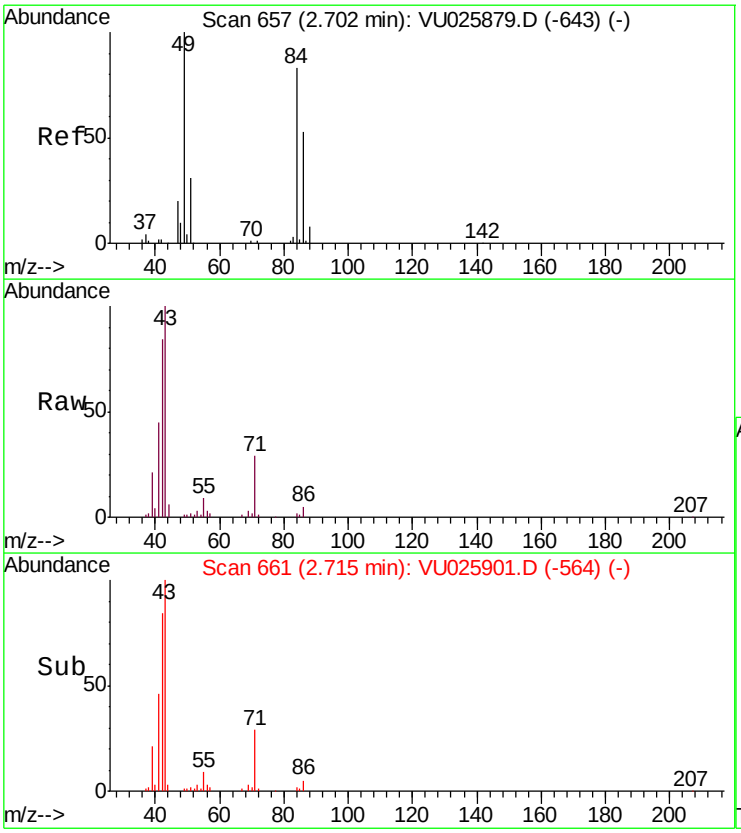
#18
Methyl Acetate
Concen: 16.421 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.09 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument :
MSVOA_U
ClientSampleId :
FL-0515

Tgt Ion: 43 Resp: 56353

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.5	27.7#

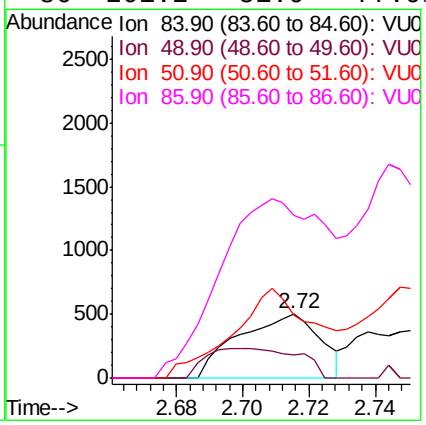


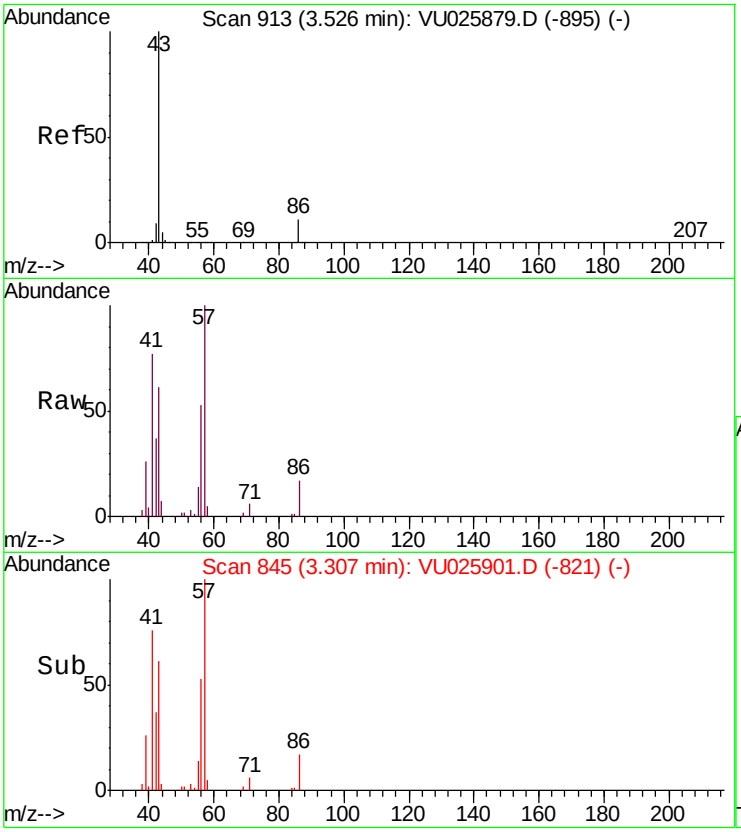


#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 2.72 min Scan# 661
Delta R.T. 0.01 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion: 84 Resp: 861

Ion	Ratio	Lower	Upper
84	100		
49	36.0	101.8	152.6#
51	73.0	30.8	46.2#
86	201.2	51.9	77.9#



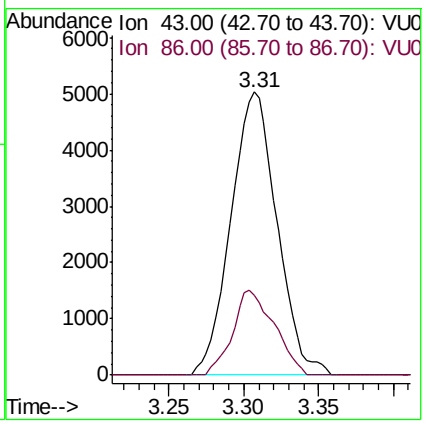


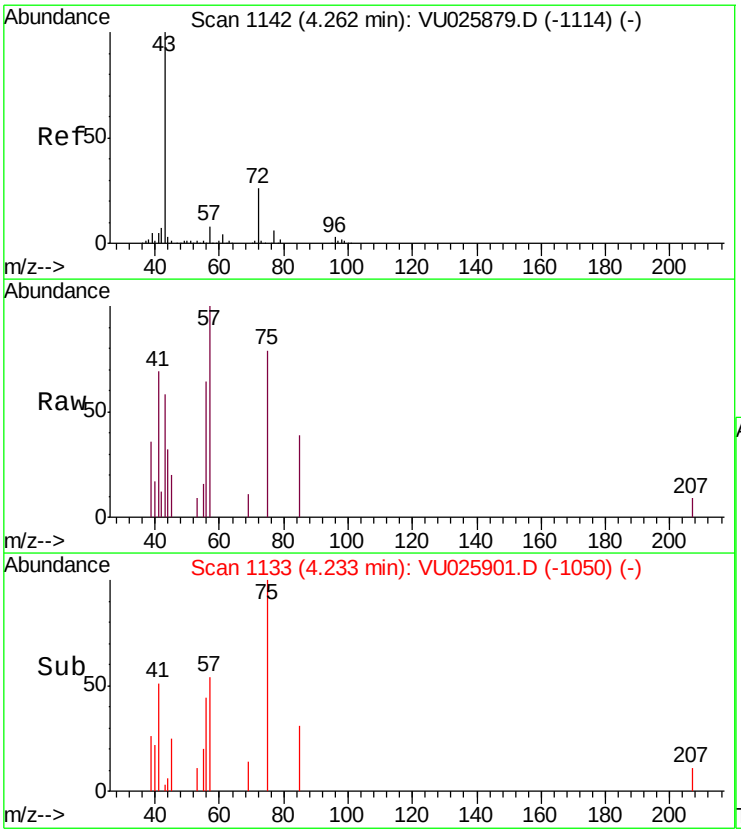
#23
Vinyl Acetate
Concen: 1.738 ug/l
RT: 3.31 min Scan# 845
Delta R.T. -0.22 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument : MSVOA_U
ClientSampleId : FL-0515

Tgt Ion: 43 Resp: 10807

Ion	Ratio	Lower	Upper
43	100		
86	28.1	8.2	12.2#

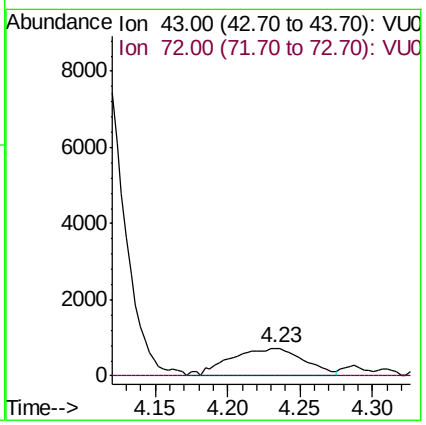


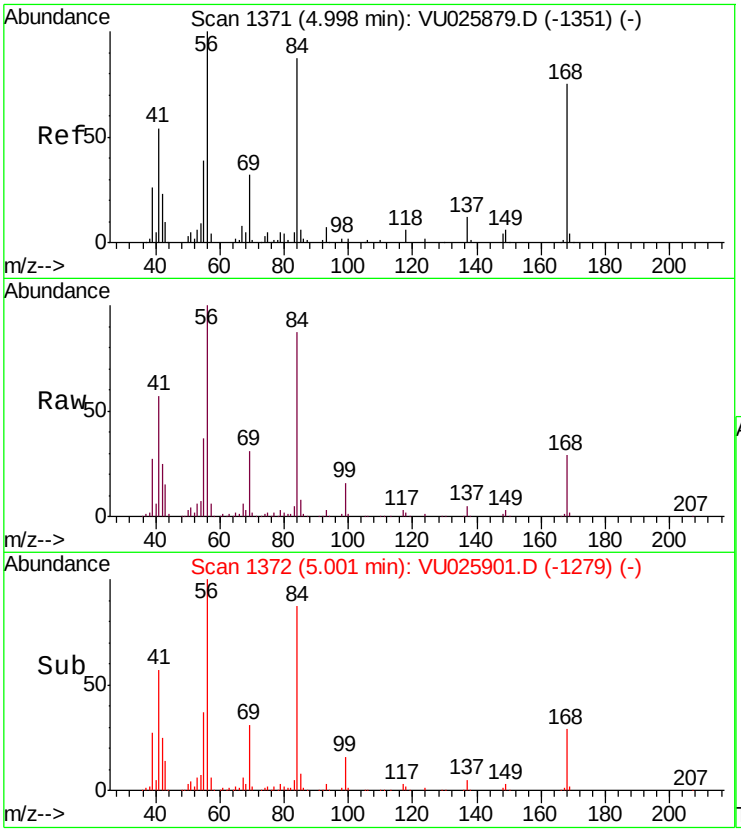


#25
2-Butanone
Concen: 1.336 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.03 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion: 43 Resp: 2594

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#



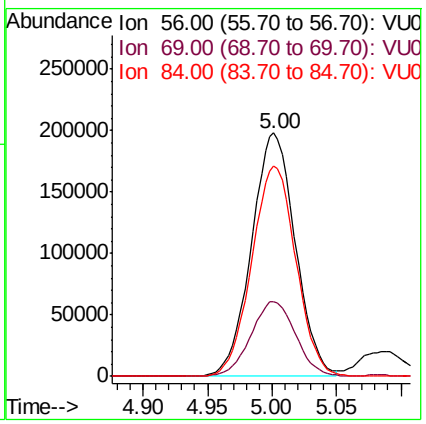


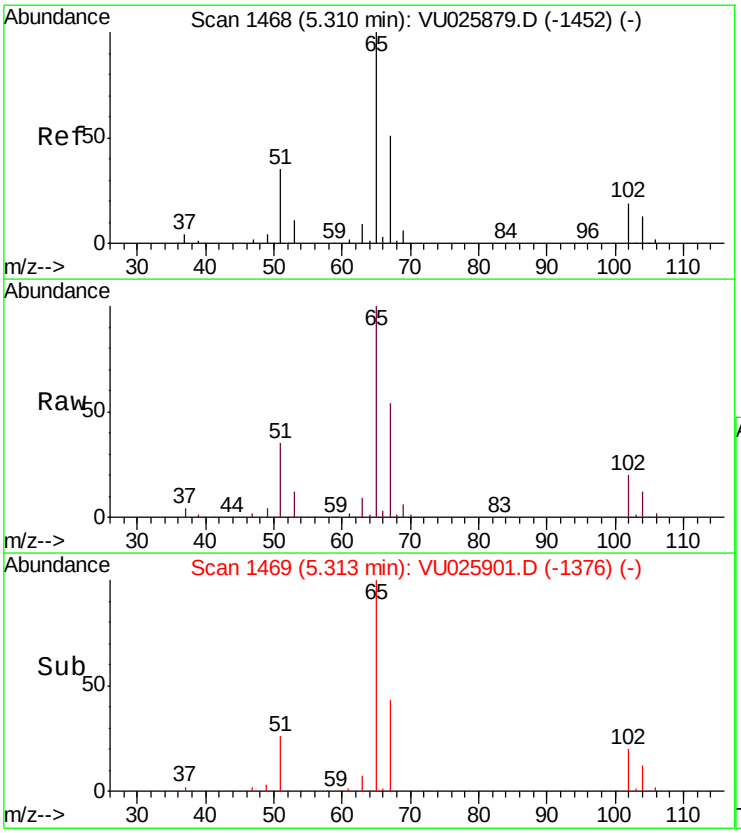
#31
Cyclohexane
Concen: 127.875 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument : MSVOA_U
ClientSampleId : FL-0515

Tgt Ion: 56 Resp: 468681

Ion	Ratio	Lower	Upper
56	100		
69	30.9	26.8	40.2
84	86.6	69.7	104.5

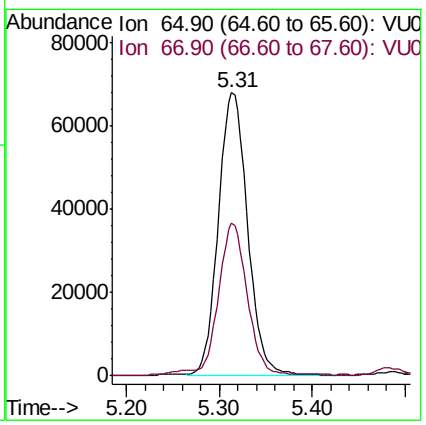


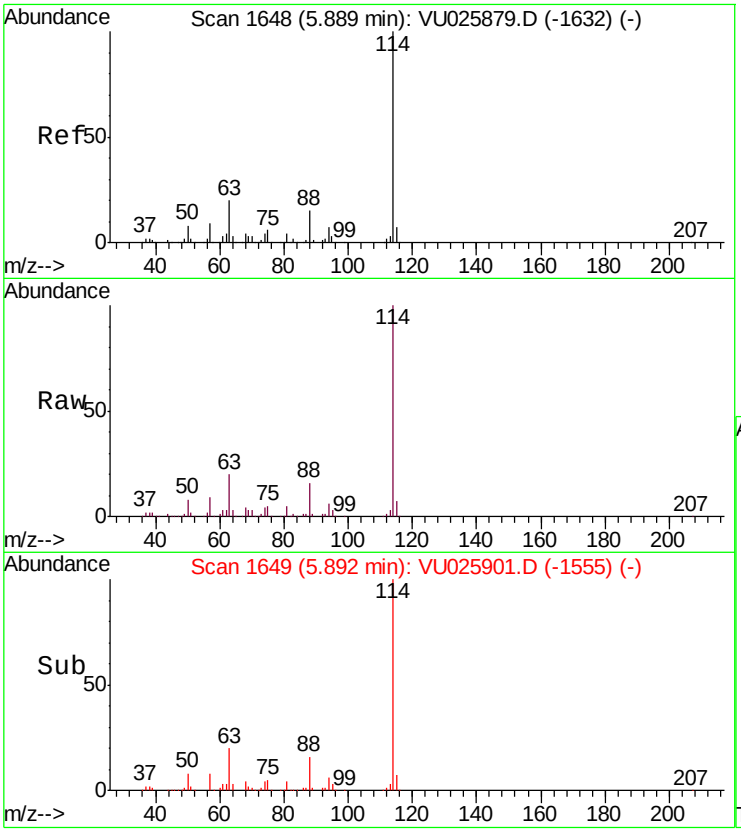


#33
1,2-Dichloroethane-d4
Concen: 50.538 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion: 65 Resp: 147797

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	103.6



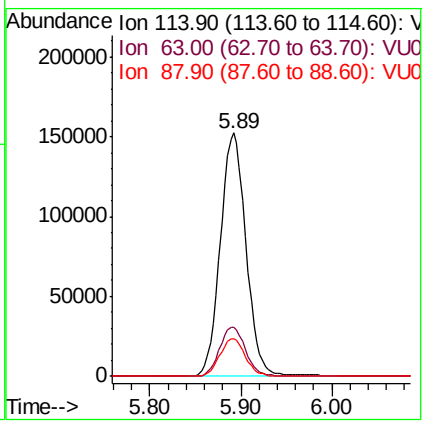


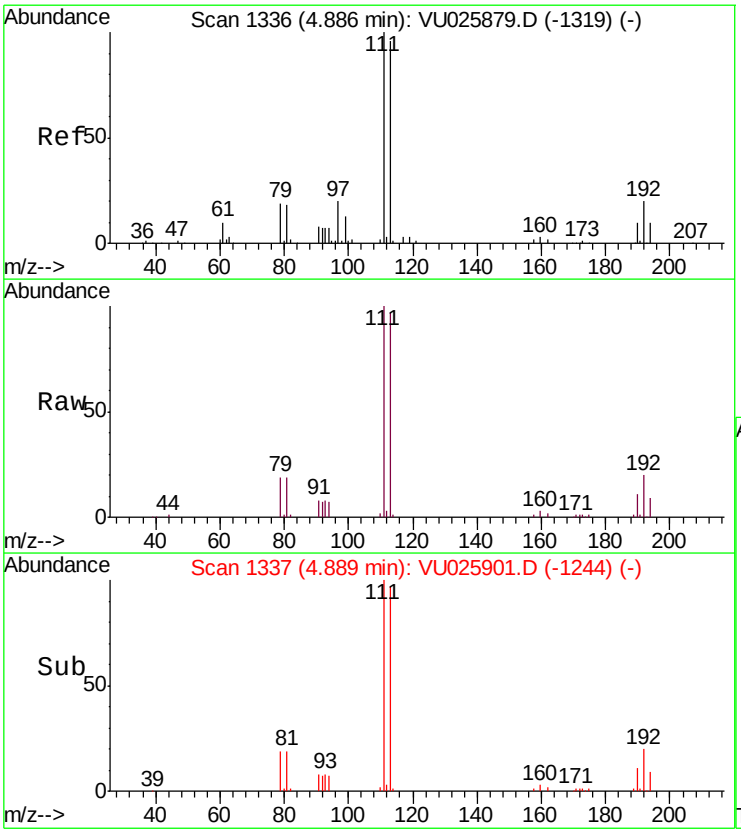
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument :
MSVOA_U
ClientSampleId :
FL-0515

Tgt Ion:114 Resp: 299804

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.6
88	15.6	0.0	32.4

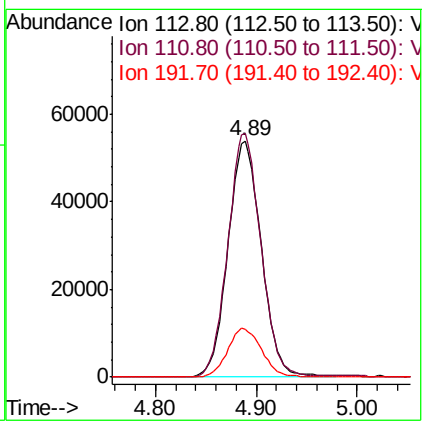


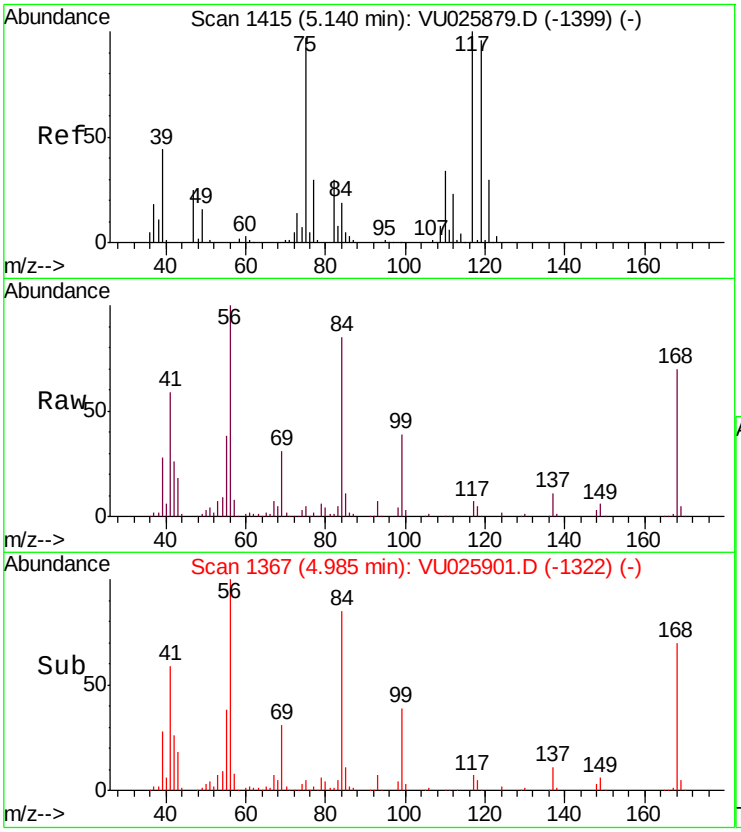


#35
Dibromofluoromethane
Concen: 47.536 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion:113 Resp: 123952

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	21.0	17.1	25.7



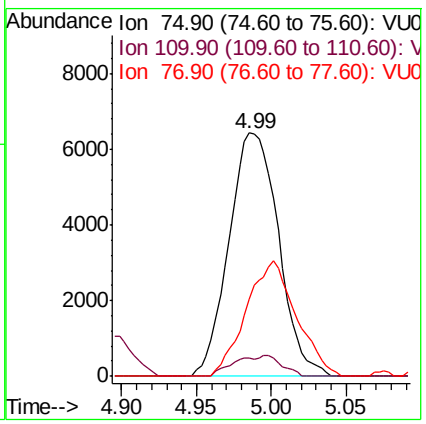


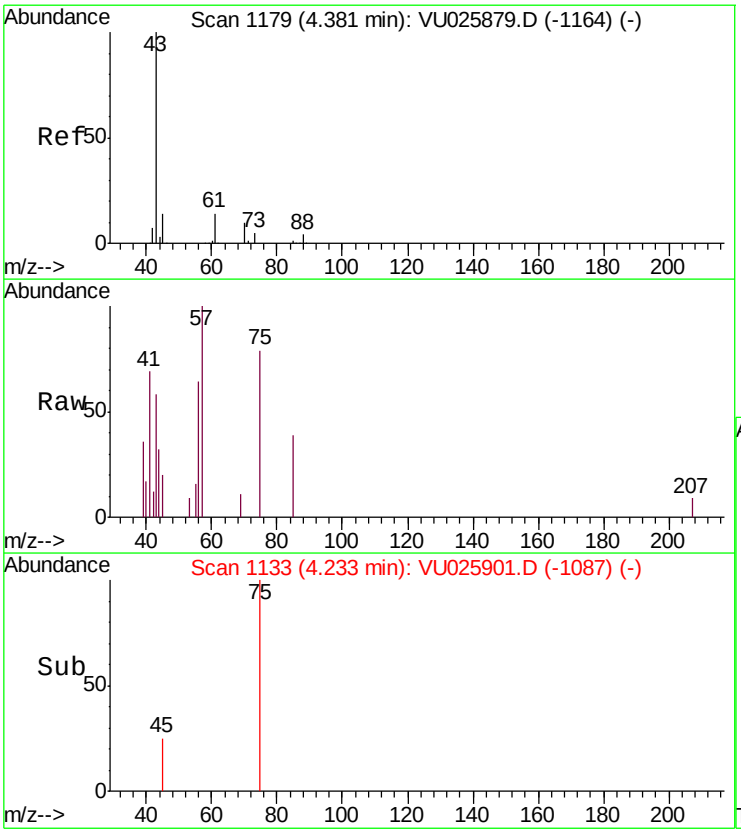
#36
1,1-Dichloropropene
Concen: 4.231 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument : MSVOA_U
ClientSampleId : FL-0515

Tgt Ion: 75 Resp: 14823

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.6	52.9#
77	47.8	24.4	36.6#

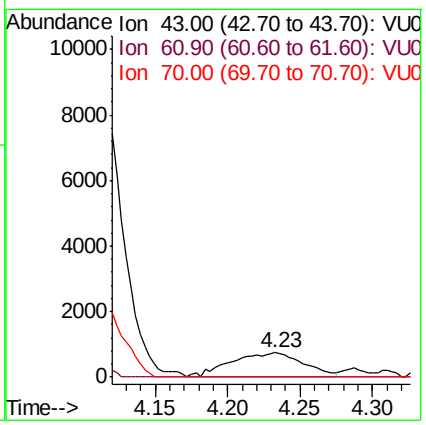


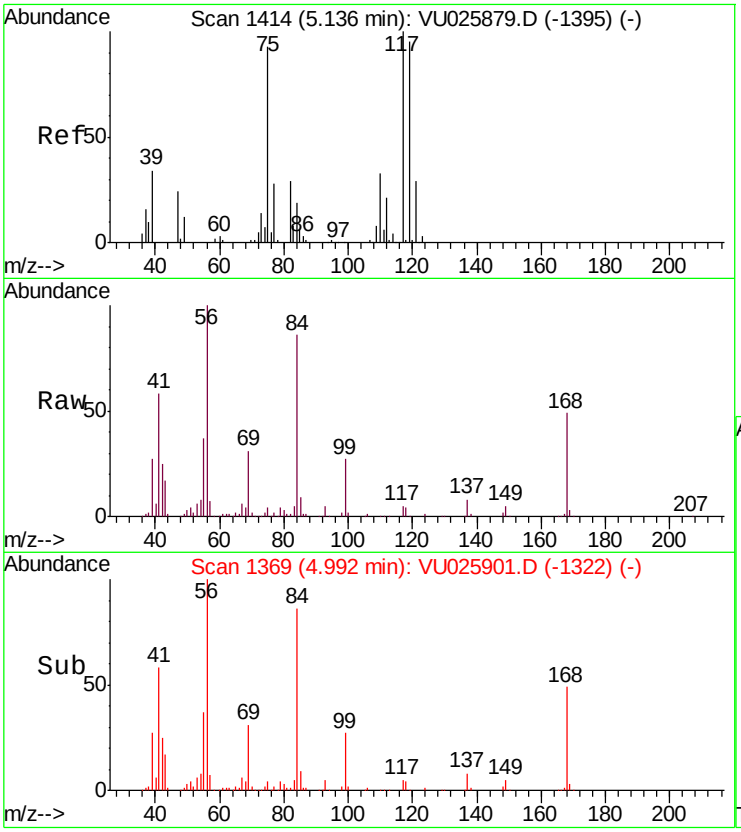


#37
Ethyl Acetate
Concen: 0.714 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.15 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion: 43 Resp: 2594

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	8.4	12.6#



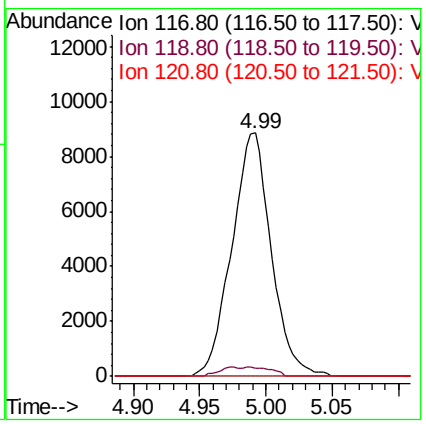


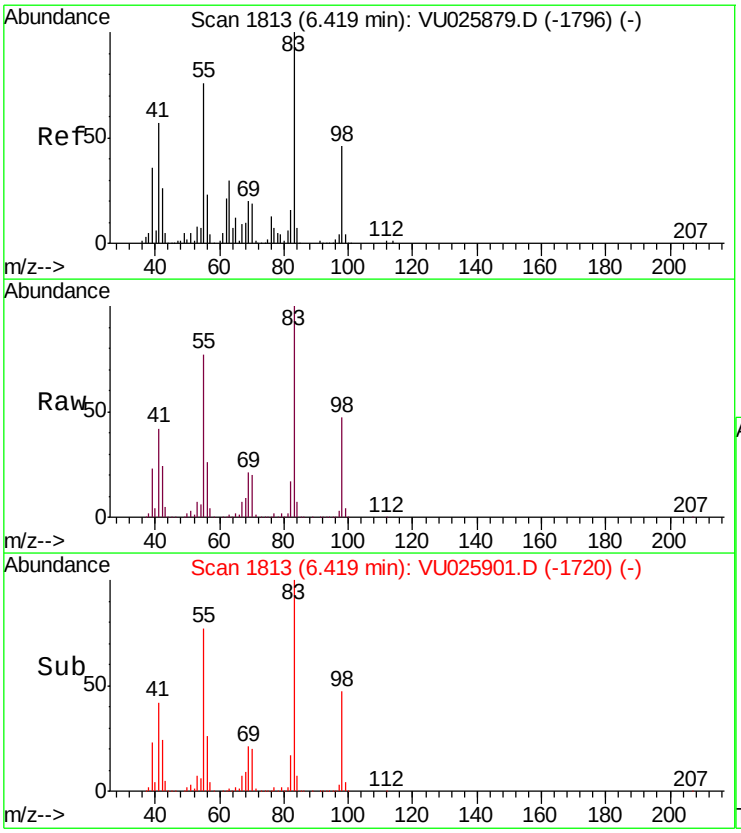
#38
Carbon Tetrachloride
Concen: 4.611 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.15 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Instrument :
MSVOA_U
ClientSampleId :
FL-0515

Tgt Ion:117 Resp: 18297

Ion	Ratio	Lower	Upper
117	100		
119	3.4	75.7	113.5#
121	0.0	24.6	36.8#





#39
Methylcyclohexane
Concen: 183.056 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025901.D
Acq: 06 Aug 2018 21:12

Tgt Ion: 83 Resp: 734871

Ion	Ratio	Lower	Upper
83	100		
55	76.7	60.0	90.0
98	46.5	36.1	54.1