Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082819\

Quantitation Report (Not Reviewed)

Data File : VU034005.D
Acq On : 28 Aug 2019 05:27
Operator : JC/SP
Sample : K4516-38
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T2-S-D-(0)

Quant Time: Aug 28 06:35:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.96	168	450086	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.87	114	731112	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.07	117	602743	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	302715	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.29	65	307807	61.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 123.12%				
35) Dibromofluoromethane	4.86	113	242158	49.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.54%				
50) Toluene-d8	7.55	98	941984	51.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.94%				
62) 4-Bromofluorobenzene	10.29	95	307447	44.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.44%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	3363	1.585	ug/l		92
5) Bromomethane	1.61	94	930	0.339	ug/l	#	79
8) Diethyl Ether	2.10	74	654	0.290	ug/l	#	1
11) Tert butyl alcohol	2.82	59	6716	5.186	ug/l	#	85
16) Acetone	2.31	43	13115	5.480	ug/l		98
18) Methyl Acetate	2.61	43	8129	1.379	ug/l		90
20) Methylene Chloride	2.69	84	13362	2.631	ug/l		92
25) 2-Butanone	4.28	43	723	0.211	ug/l	#	46
31) Cyclohexane	4.96	56	10372	1.407	ug/l	#	1
36) 1,1-Dichloropropene	4.96	75	35868	5.356	ug/l	#	49
38) Carbon Tetrachloride	4.96	117	42826	6.276	ug/l	#	16
40) Benzene	5.37	78	6840	0.344	ug/l		92
43) Isopropyl Acetate	5.53	43	68783	6.679	ug/l	#	92
48) Methyl methacrylate	6.68	41	84945	17.349	ug/l	#	36
51) 4-Methyl-2-Pentanone	7.40	43	70396	9.914	ug/l	#	45
54) cis-1,3-Dichloropropene	7.40	75	34495	4.182	ug/l	#	69
56) Ethyl methacrylate	7.93	69	91	2.525	ug/l	#	29
57) 1,3-Dichloropropane	8.40	76	3266	0.378	ug/l	#	43
59) 2-Hexanone	8.40	43	44487	8.151	ug/l	#	52
74) N-amyl acetate	9.92	43	1772	0.242	ug/l	#	43
76) 1,2,3-Trichloropropane	10.29	75	149995	24.868	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	10.29	75	149995	71.228	ug/l	#	100
95) Naphthalene	13.80	128	63	2.086	ug/l	#	70

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

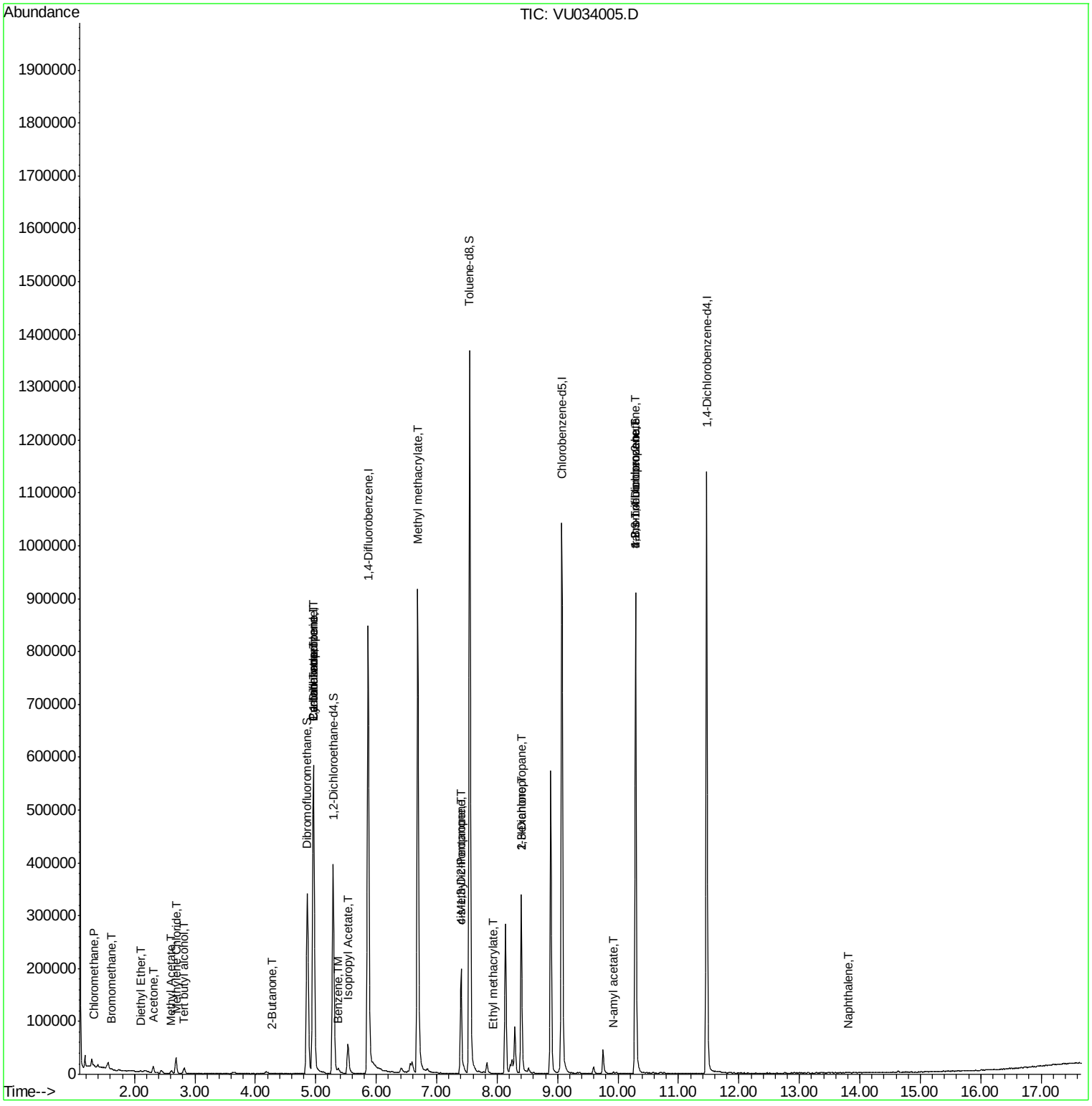
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082819\

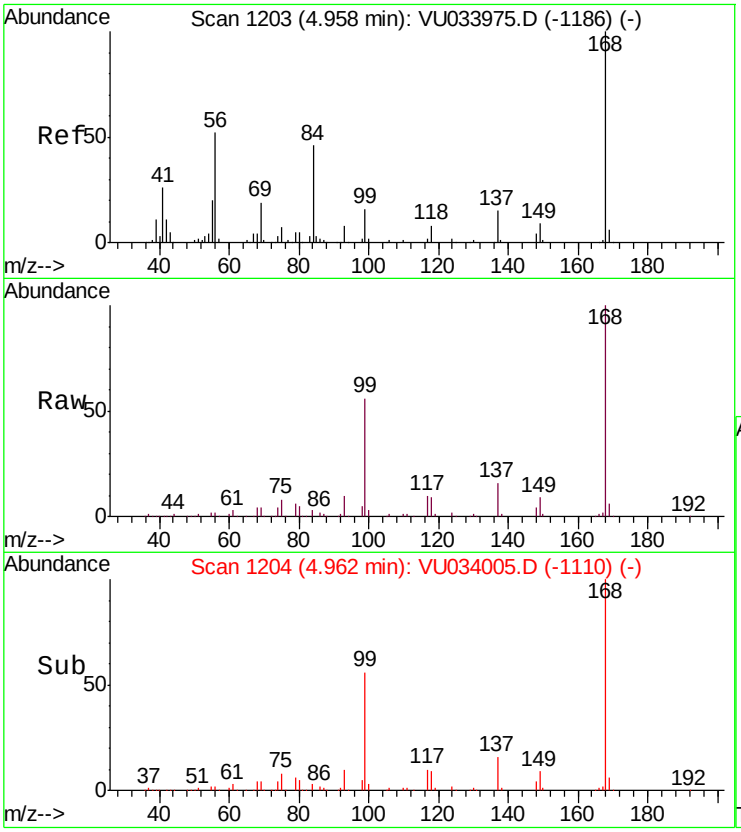
Quantitation Report (Not Reviewed)

Data File : VU034005.D
Acq On : 28 Aug 2019 05:27
Operator : JC/SP
Sample : K4516-38
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Quant Time: Aug 28 06:35:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration



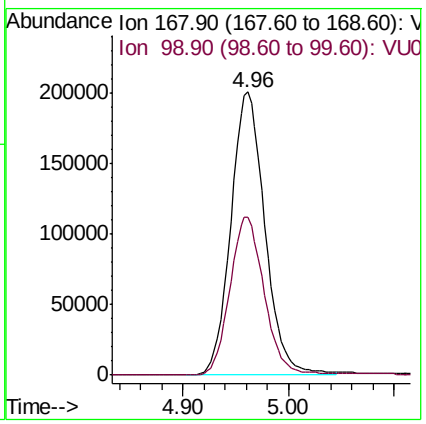


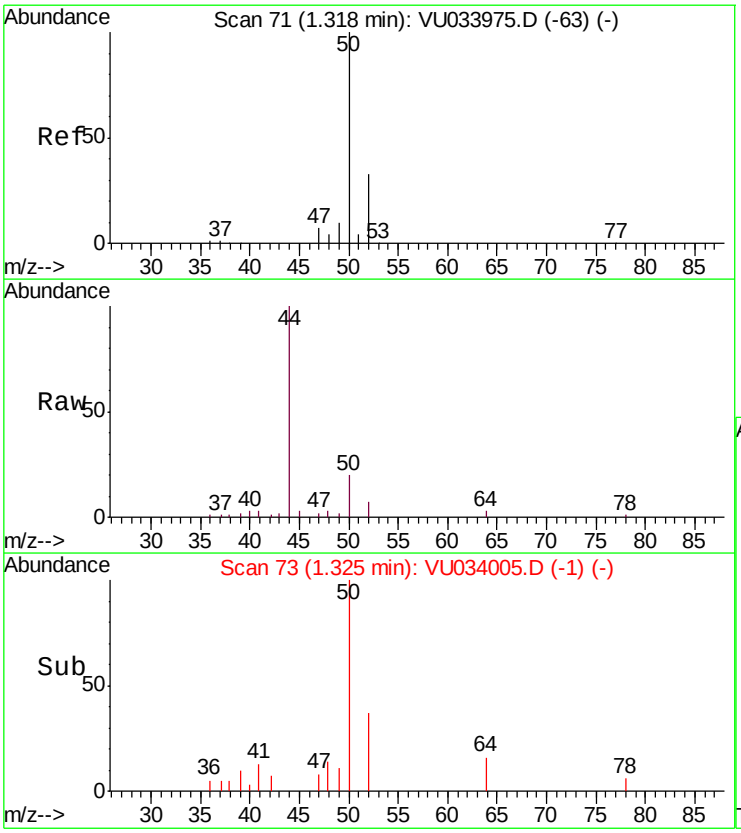
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion:168 Resp: 450086

Ion	Ratio	Lower	Upper
168	100		
99	55.8	39.4	59.2

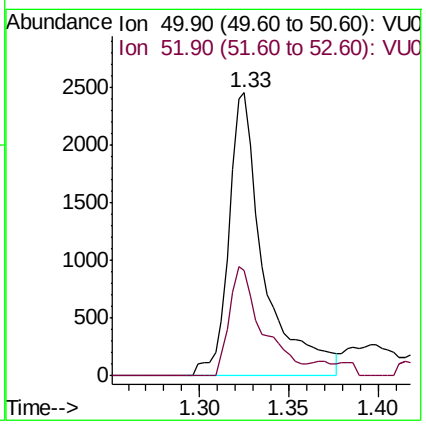


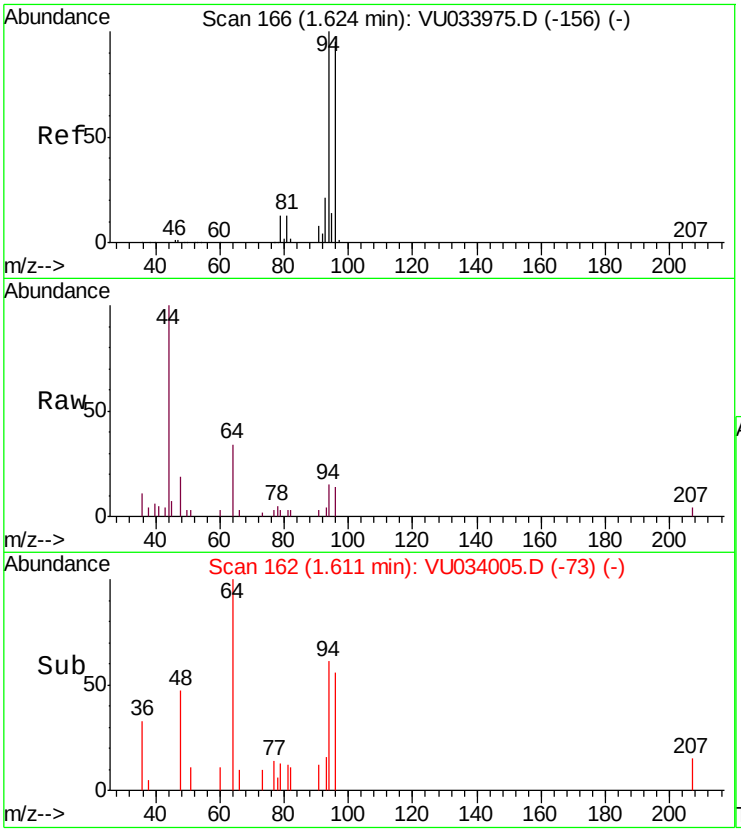


#3
Chloromethane
Concen: 1.585 ug/l
RT: 1.33 min Scan# 73
Delta R.T. 0.01 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 50 Resp: 3363

Ion	Ratio	Lower	Upper
50	100		
52	37.2	26.2	39.2



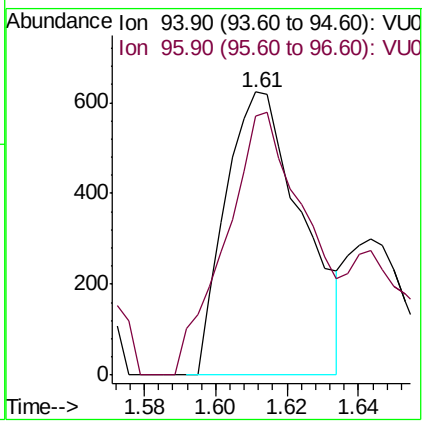


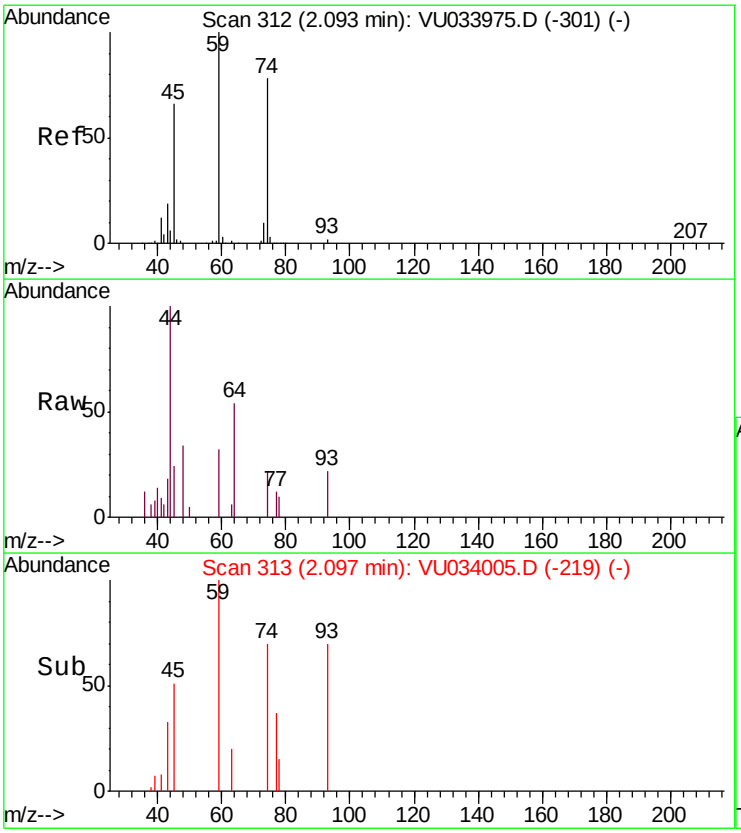
#5
Bromomethane
Concen: 0.339 ug/l
RT: 1.61 min Scan# 162
Delta R.T. -0.01 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion: 94 Resp: 930

Ion	Ratio	Lower	Upper
94	100		
96	75.0	76.3	114.5#

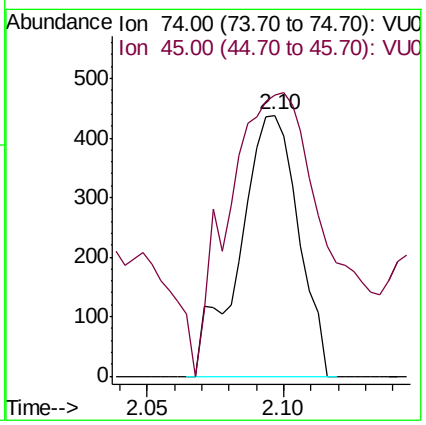


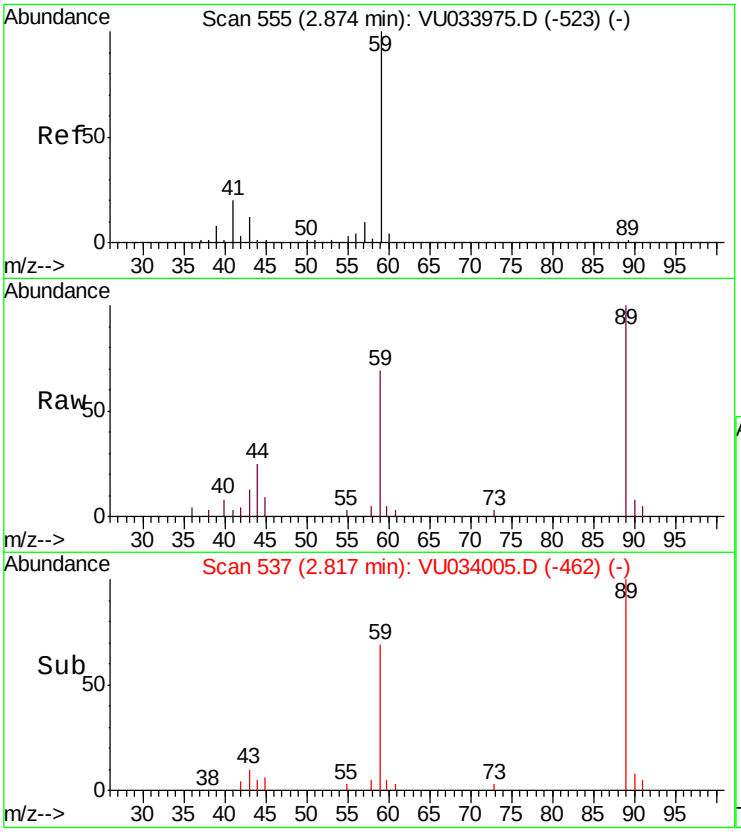


#8
Diethyl Ether
Concen: 0.290 ug/l
RT: 2.10 min Scan# 313
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 74 Resp: 654

Ion	Ratio	Lower	Upper
74	100		
45	183.2	42.8	128.4#



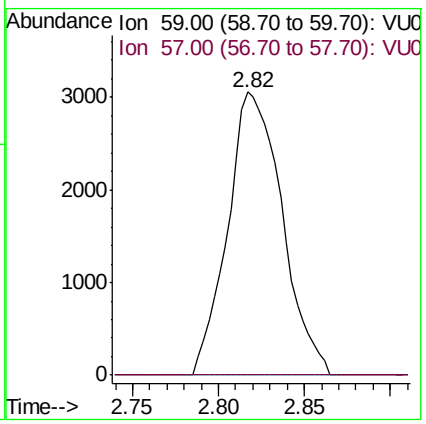


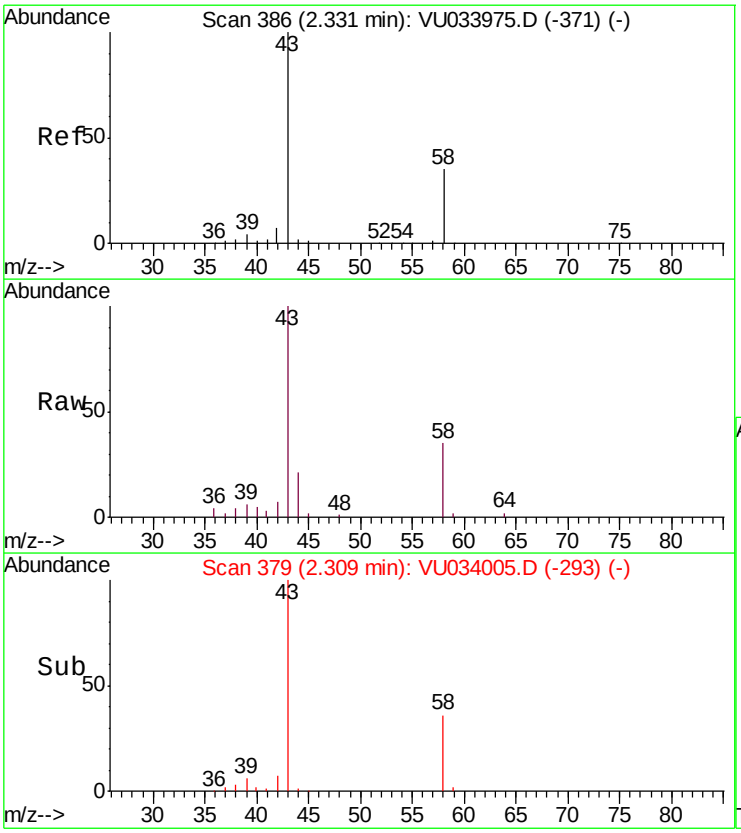
#11
Tert butyl alcohol
Concen: 5.186 ug/l
RT: 2.82 min Scan# 537
Delta R.T. -0.06 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion: 59 Resp: 6716

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.9	5.9#

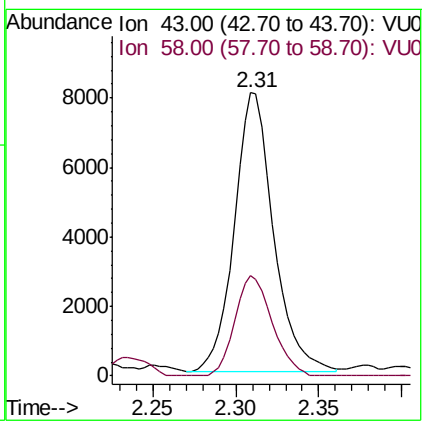


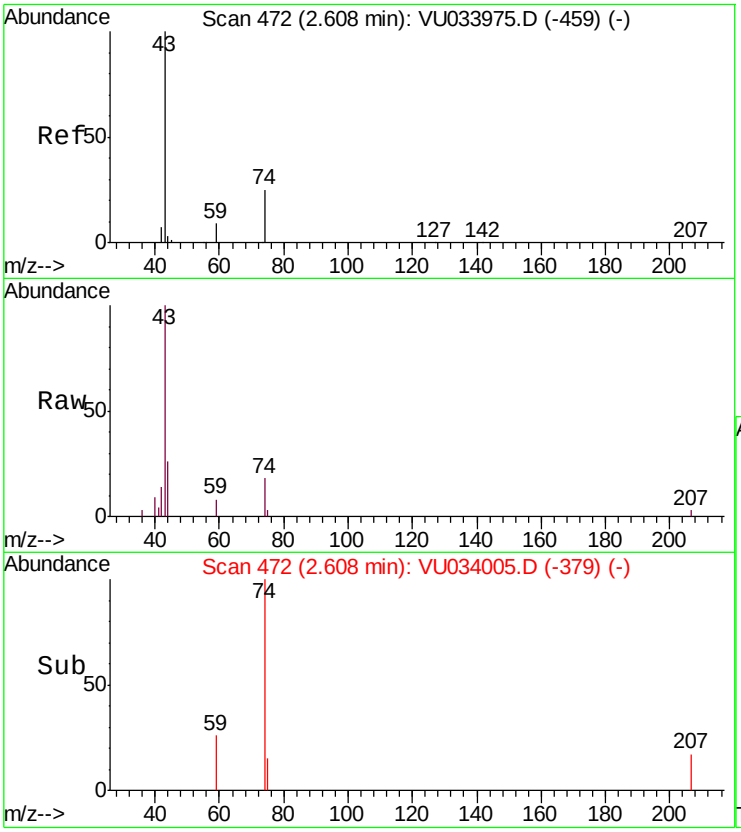


#16
Acetone
Concen: 5.480 ug/l
RT: 2.31 min Scan# 379
Delta R.T. -0.02 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 43 Resp: 13115

Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0



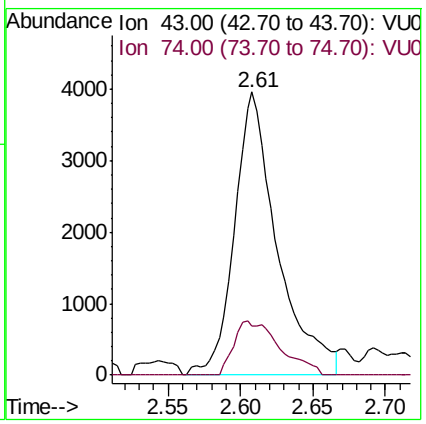


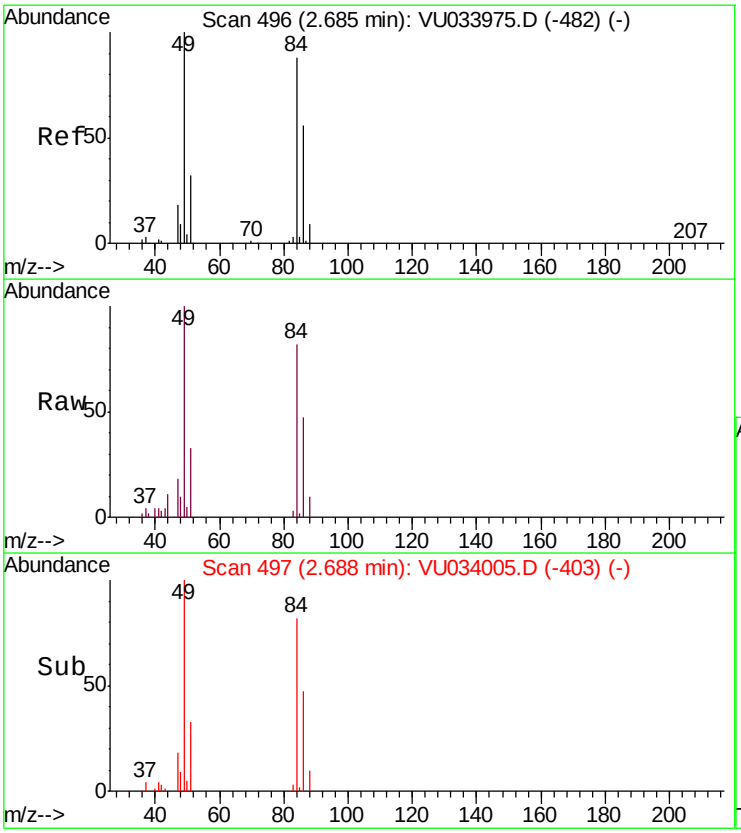
#18
Methyl Acetate
Concen: 1.379 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion: 43 Resp: 8129

Ion	Ratio	Lower	Upper
43	100		
74	20.7	20.5	30.7

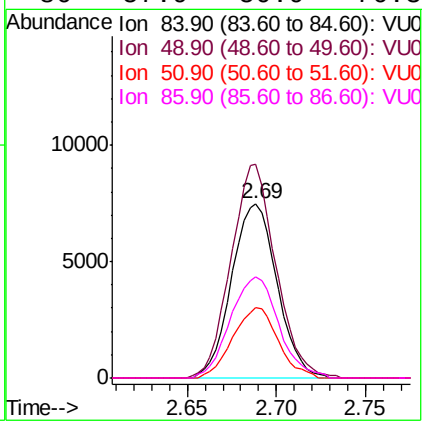


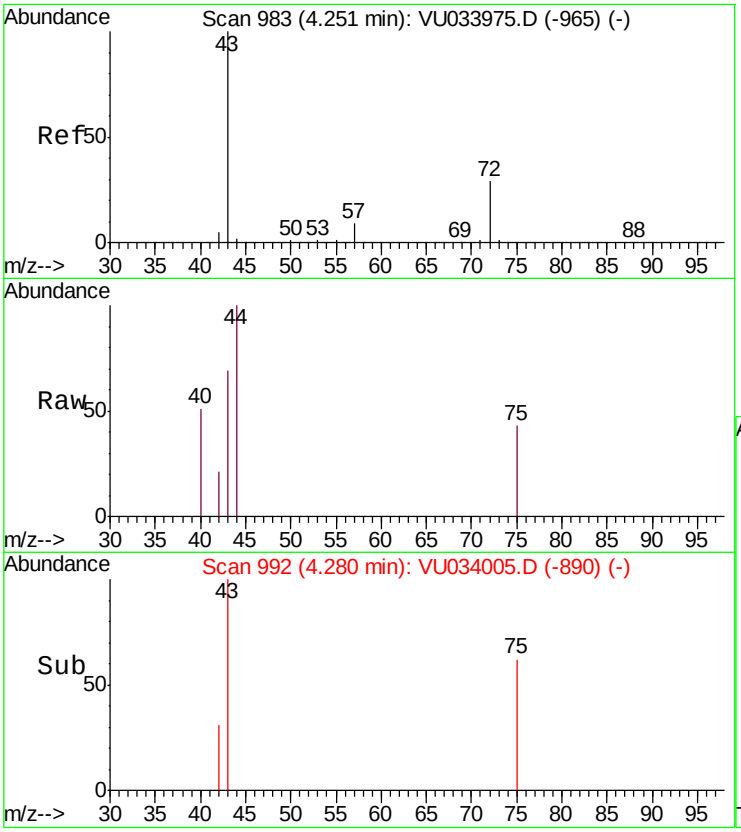


#20
Methylene Chloride
Concen: 2.631 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 84 Resp: 13362

Ion	Ratio	Lower	Upper
84	100		
49	122.4	91.3	136.9
51	40.5	28.9	43.3
86	57.9	50.9	76.3



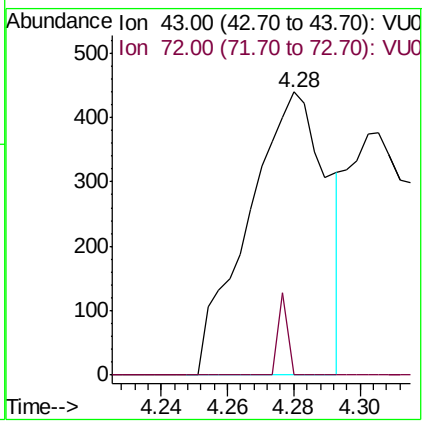


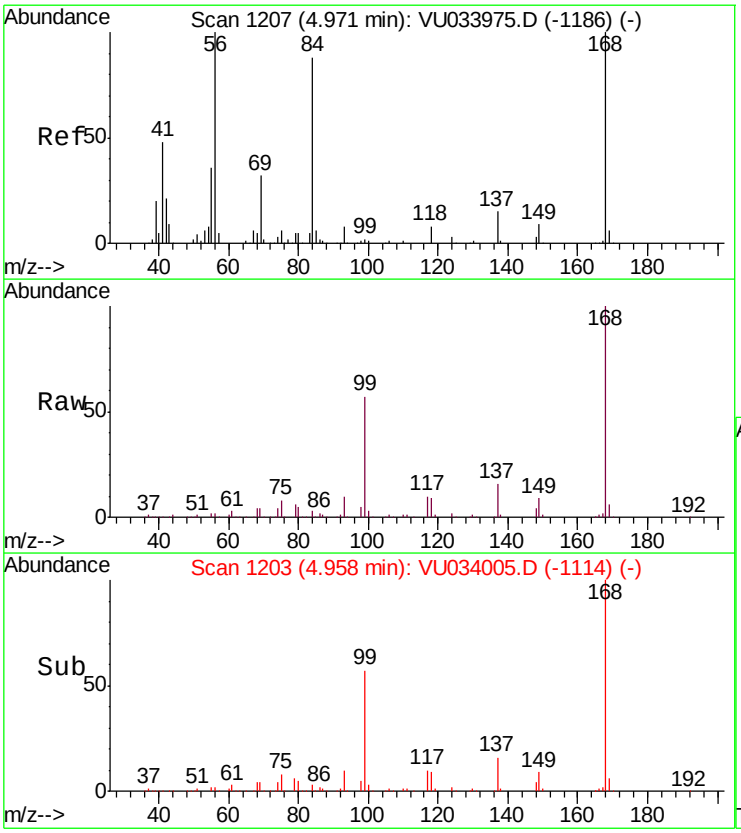
#25
2-Butanone
Concen: 0.211 ug/l
RT: 4.28 min Scan# 992
Delta R.T. 0.03 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument : MSVOA_U
ClientSampleId : T2-S-D-(0)

Tgt Ion: 43 Resp: 723

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.9	34.3#

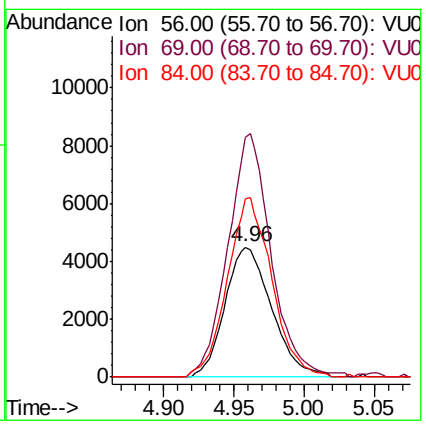


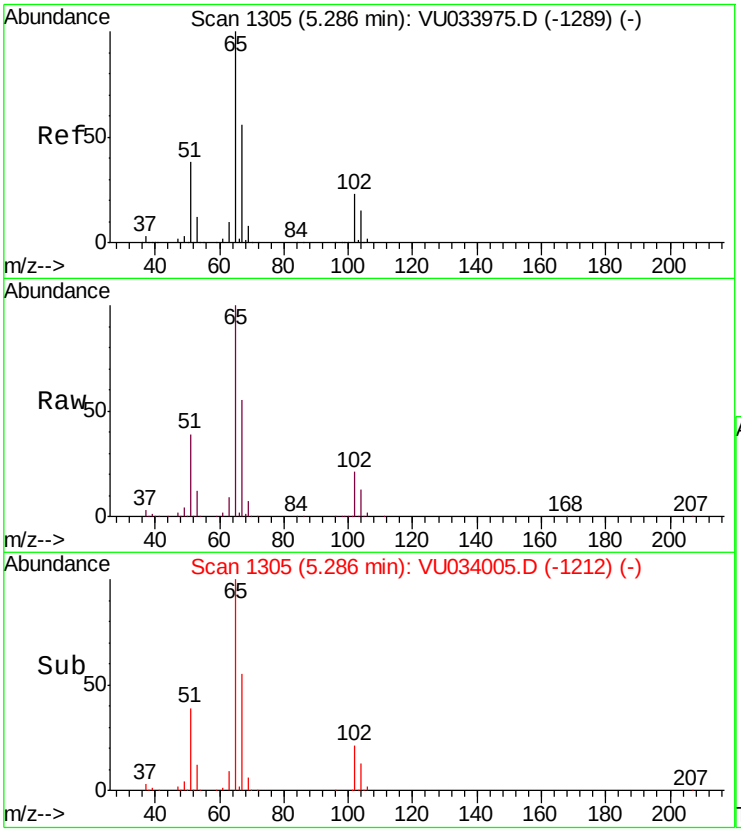


#31
Cyclohexane
Concen: 1.407 ug/l
RT: 4.96 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 56 Resp: 10372

Ion	Ratio	Lower	Upper
56	100		
69	184.8	25.9	38.9#
84	136.8	70.4	105.6#



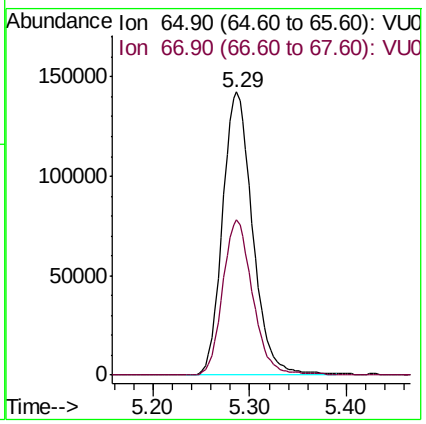


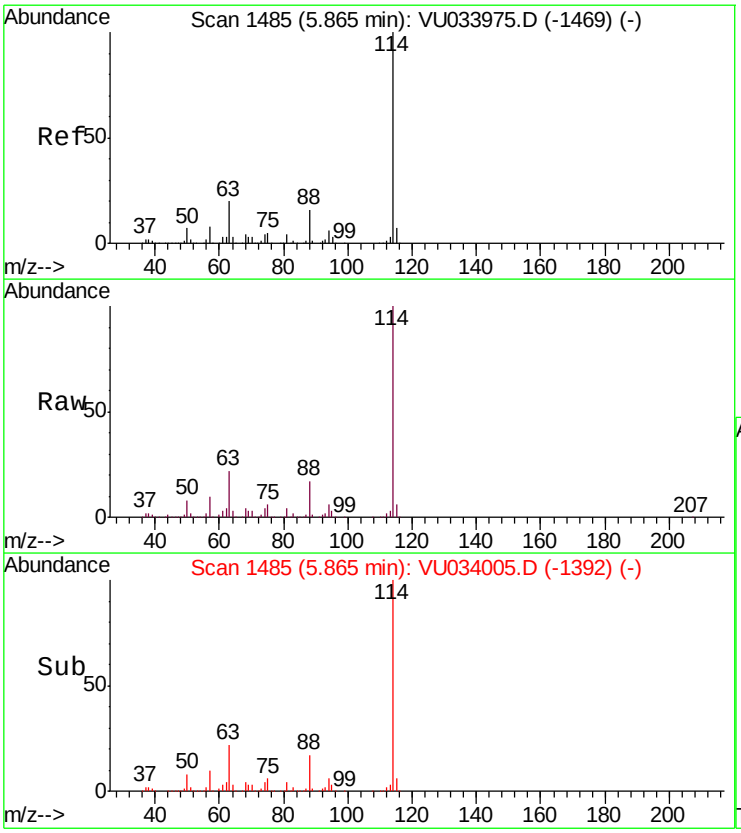
#33
1,2-Dichloroethane-d4
Concen: 61.558 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion: 65 Resp: 307807

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	111.0

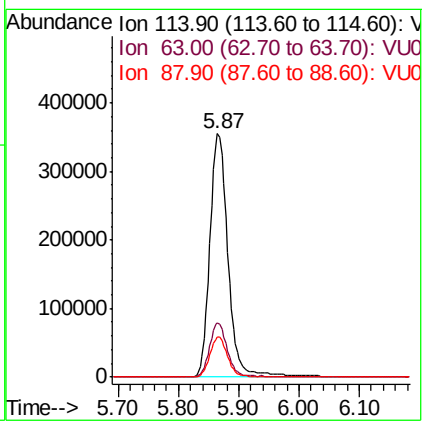


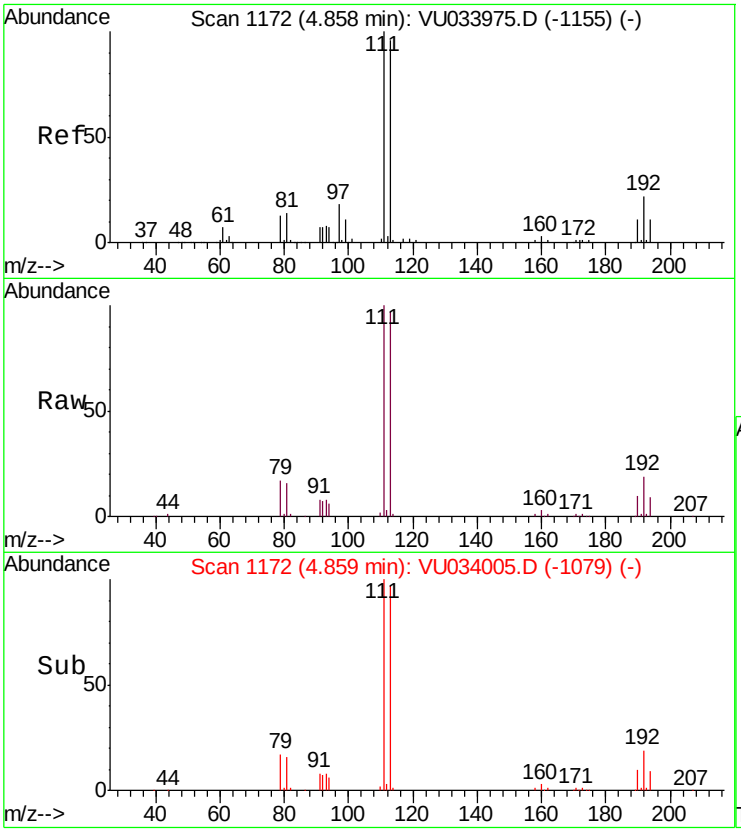


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion:114 Resp: 731112

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	39.0
88	16.5	0.0	31.2



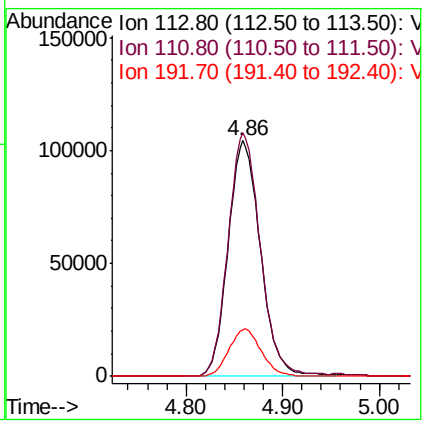


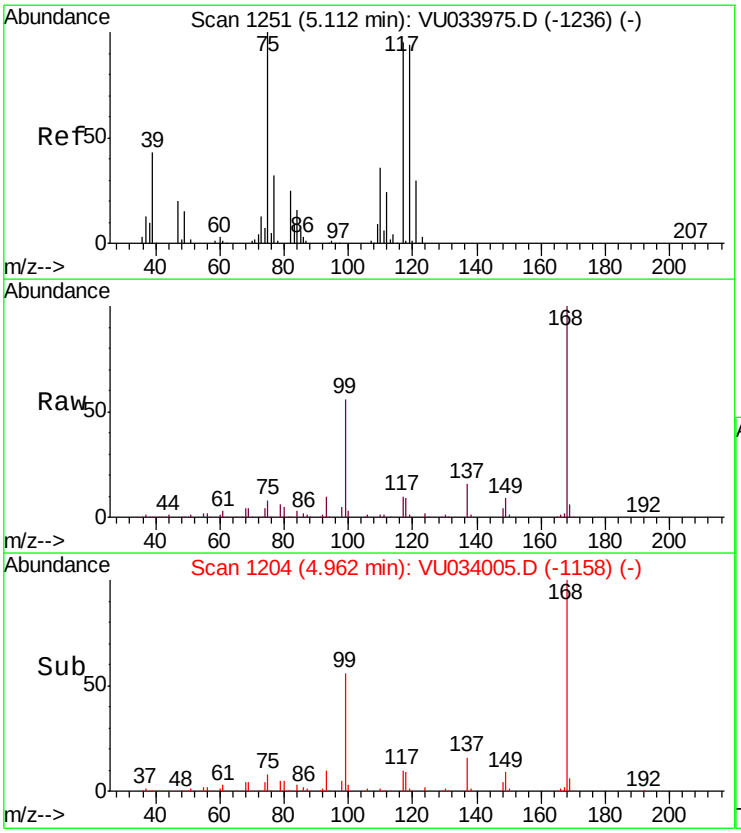
#35
Dibromofluoromethane
Concen: 49.274 ug/l
RT: 4.86 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion:113 Resp: 242158

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	20.2	18.6	27.8

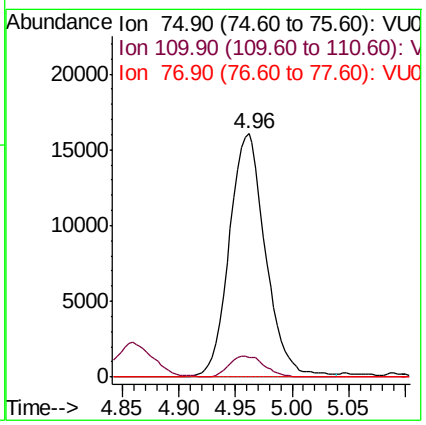


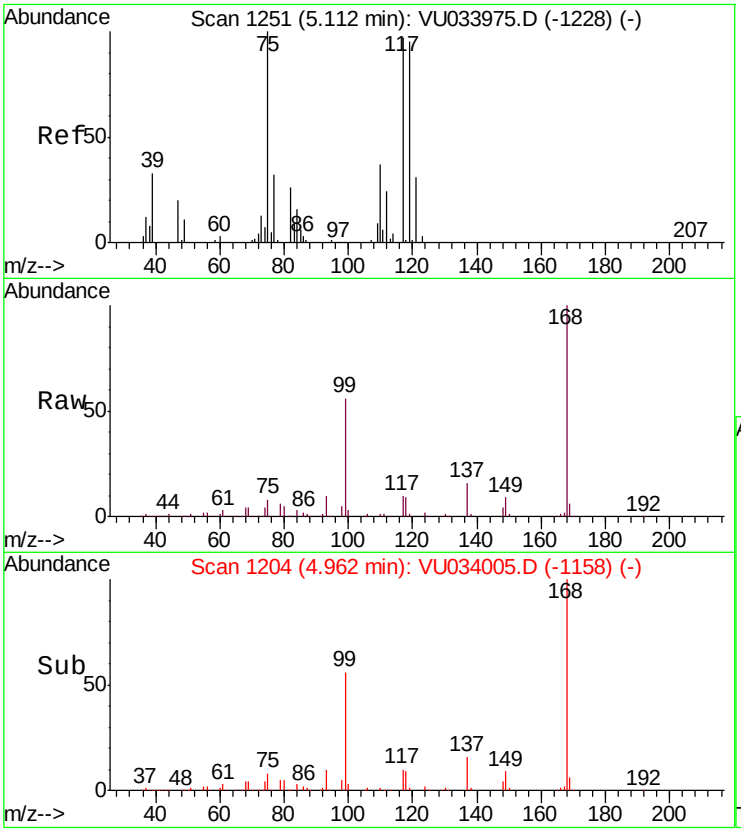


#36
1,1-Dichloropropene
Concen: 5.356 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 75 Resp: 35868

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.2	54.6#
77	0.0	24.8	37.2#



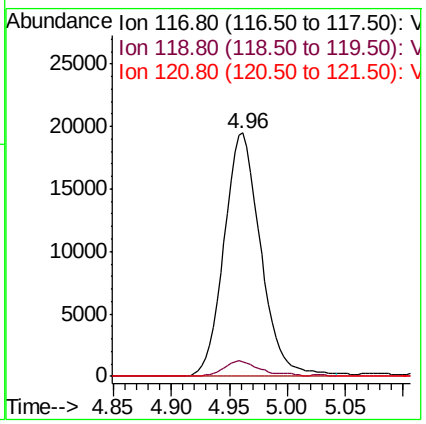


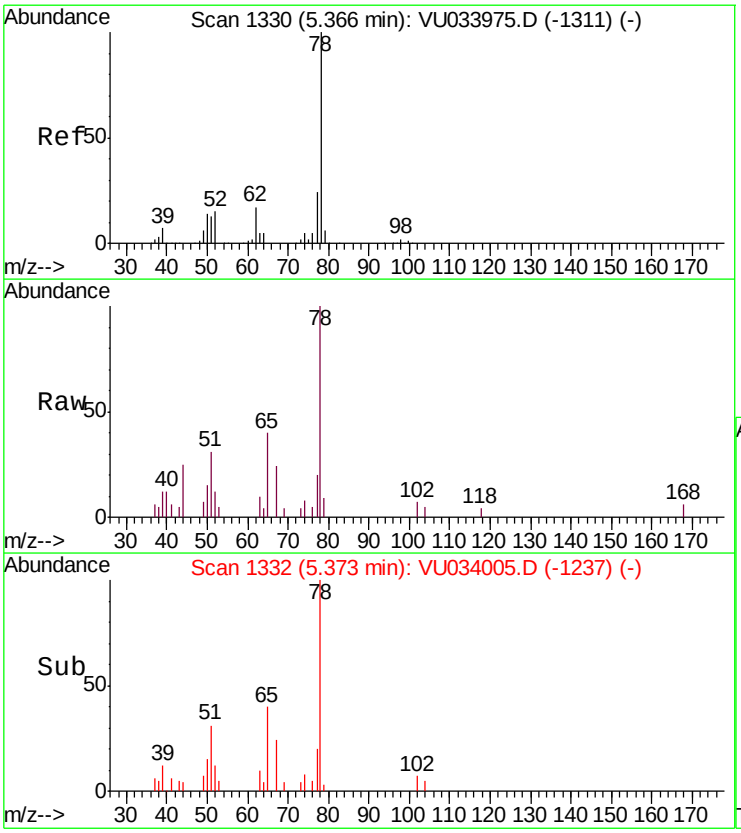
#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion:117 Resp: 42826

Ion	Ratio	Lower	Upper
117	100		
119	6.0	78.4	117.6#
121	0.0	25.4	38.2#

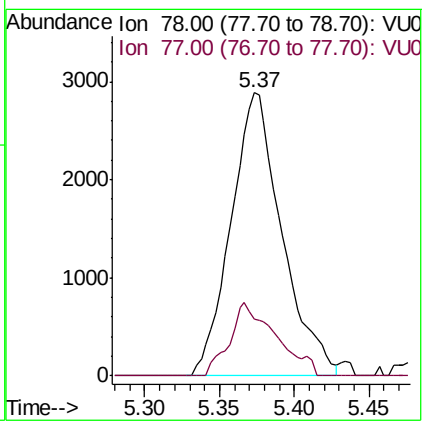


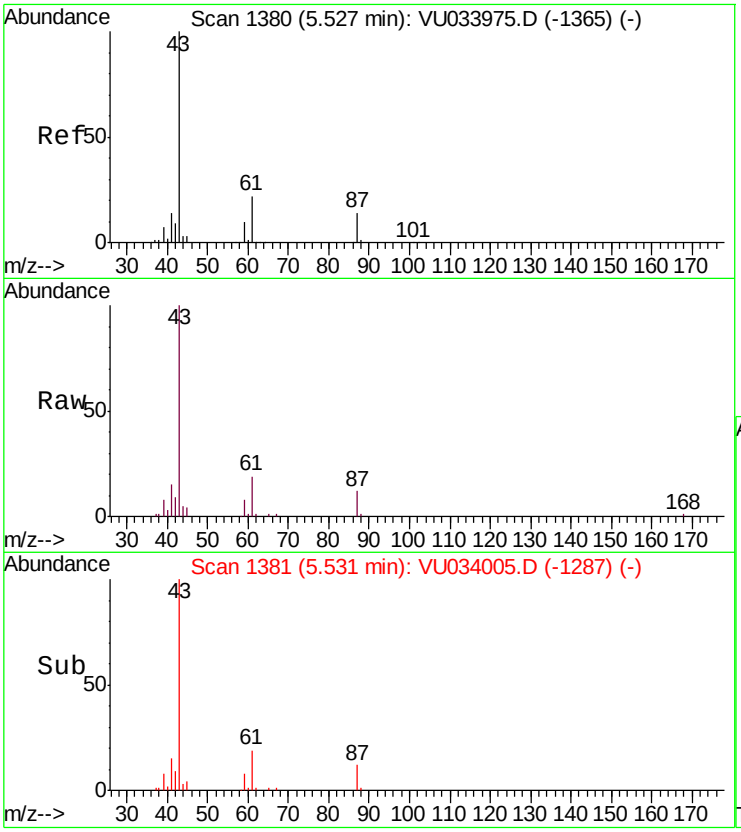


#40
Benzene
Concen: 0.344 ug/l
RT: 5.37 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 78 Resp: 6840

Ion	Ratio	Lower	Upper
78	100		
77	20.0	19.2	28.8



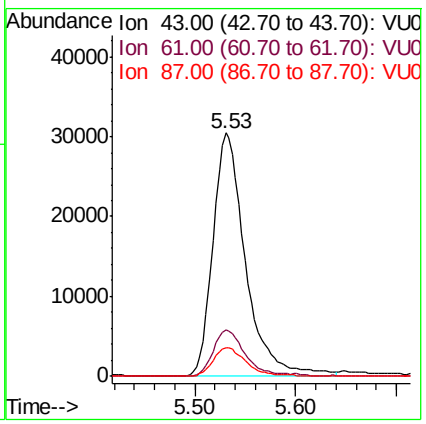


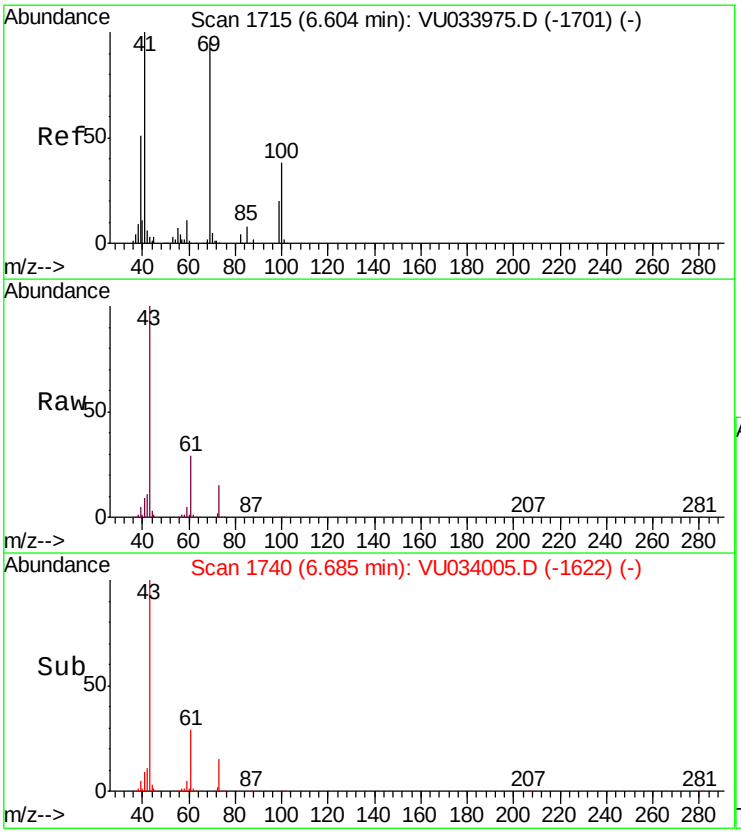
#43
Isopropyl Acetate
Concen: 6.679 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument : MSVOA_U
ClientSampleId : T2-S-D-(0)

Tgt Ion: 43 Resp: 68783

Ion	Ratio	Lower	Upper
43	100		
61	18.6	17.8	26.8
87	11.8	11.9	17.9#

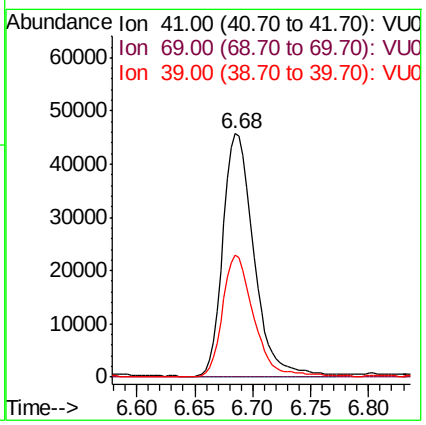


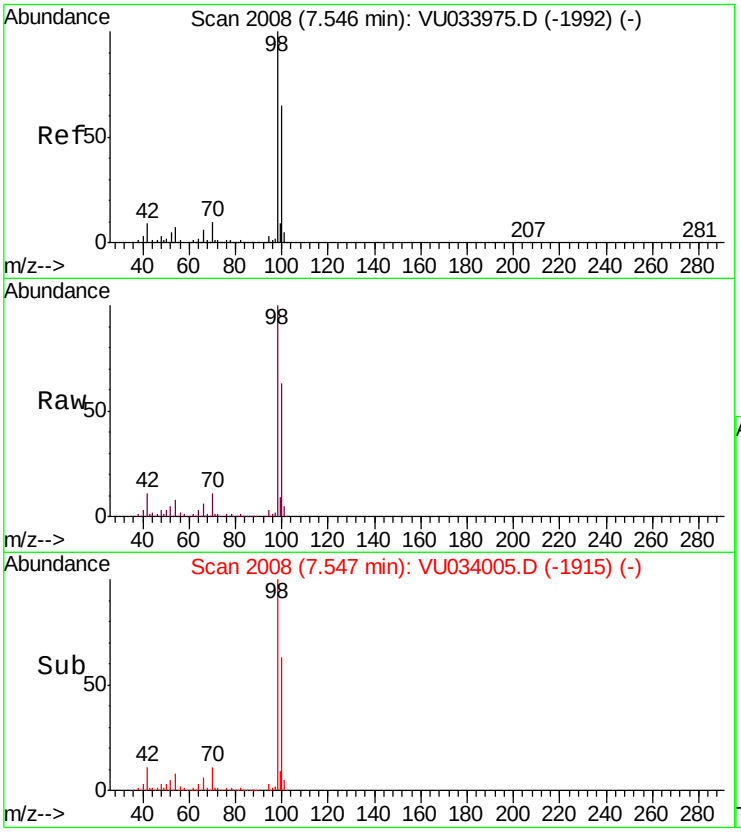


#48
Methyl methacrylate
Concen: 17.349 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 41 Resp: 84945

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.3	114.5#
39	50.7	41.1	61.7



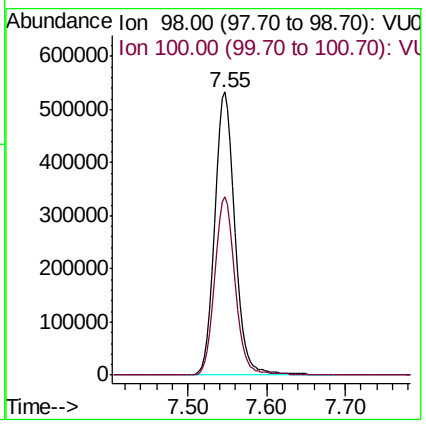


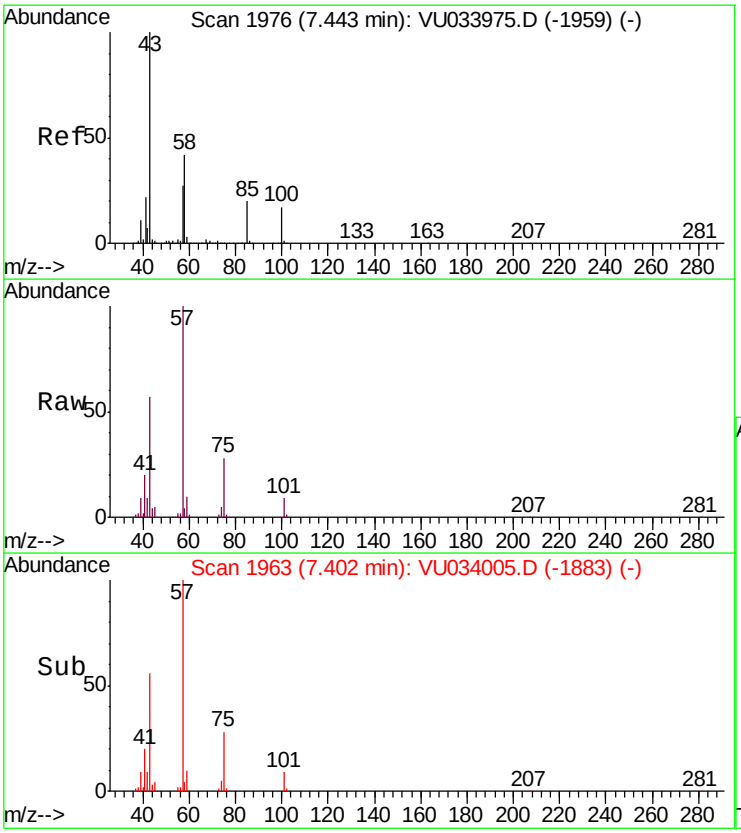
#50
Toluene-d8
Concen: 51.966 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument : MSVOA_U
ClientSampleId : T2-S-D-(0)

Tgt Ion: 98 Resp: 941984

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3

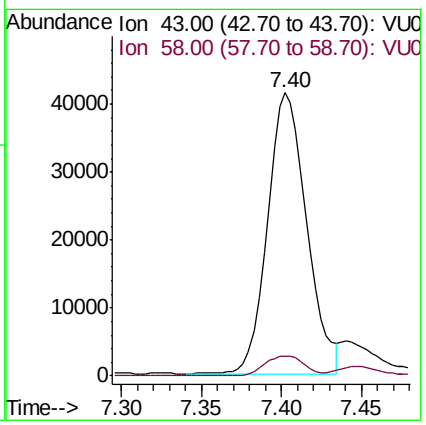


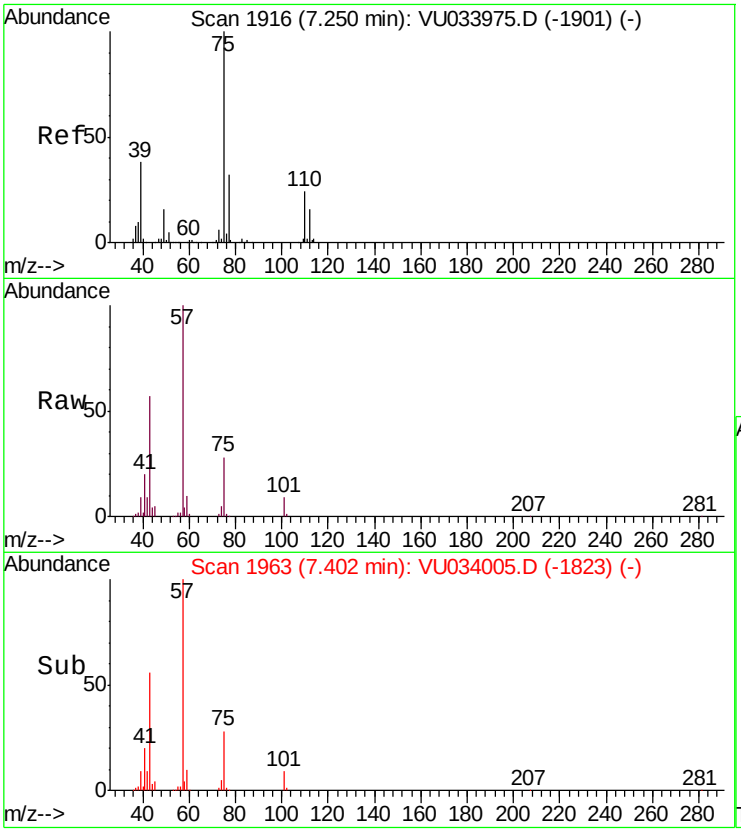


#51
4-Methyl-2-Pentanone
Concen: 9.914 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 43 Resp: 70396

Ion	Ratio	Lower	Upper
43	100		
58	7.3	33.6	50.4#



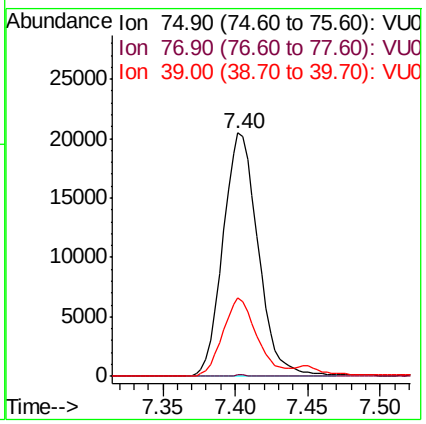


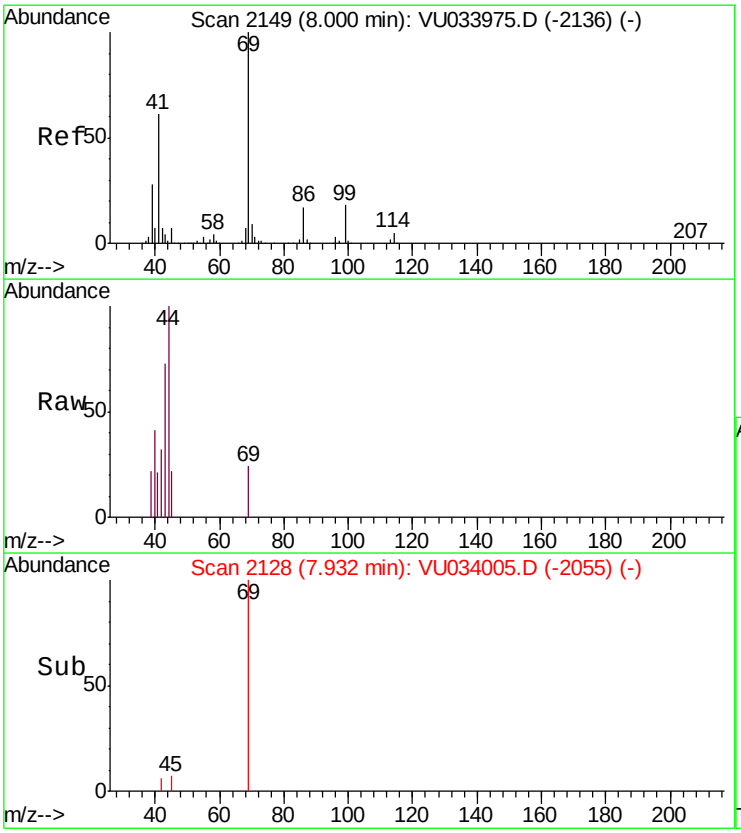
#54
cis-1,3-Dichloropropene
Concen: 4.182 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument : MSVOA_U
ClientSampleId : T2-S-D-(0)

Tgt Ion: 75 Resp: 34495

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.6	38.4#
39	32.1	30.7	46.1

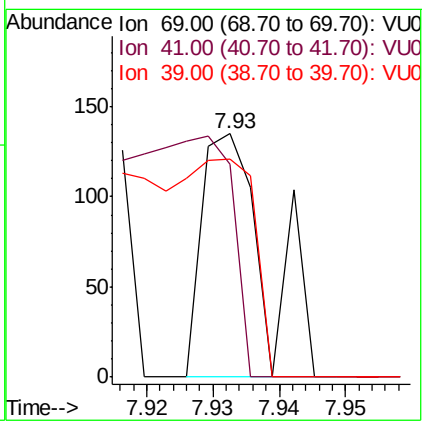


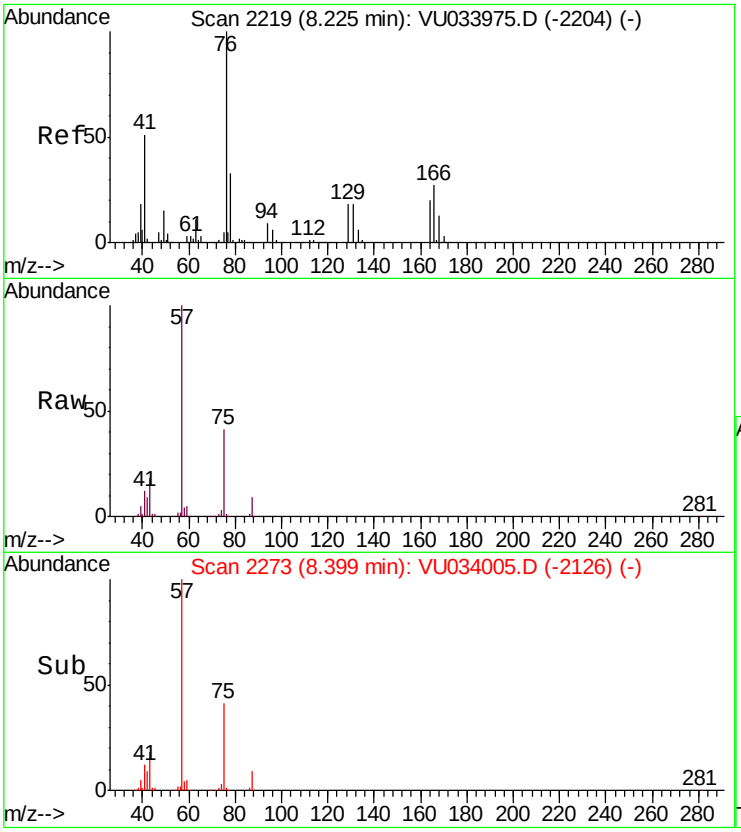


#56
Ethyl methacrylate
Concen: 2.525 ug/l
RT: 7.93 min Scan# 2128
Delta R.T. -0.07 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 69 Resp: 91

Ion	Ratio	Lower	Upper
69	100		
41	0.0	48.6	72.8#
39	0.0	22.4	33.6#



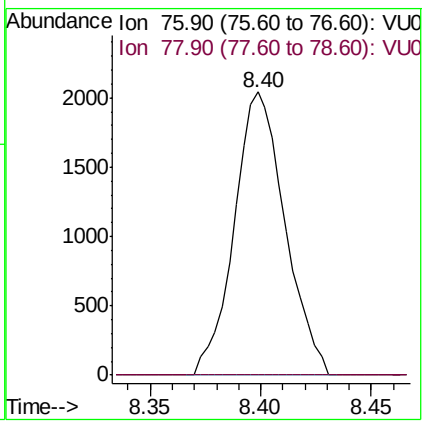


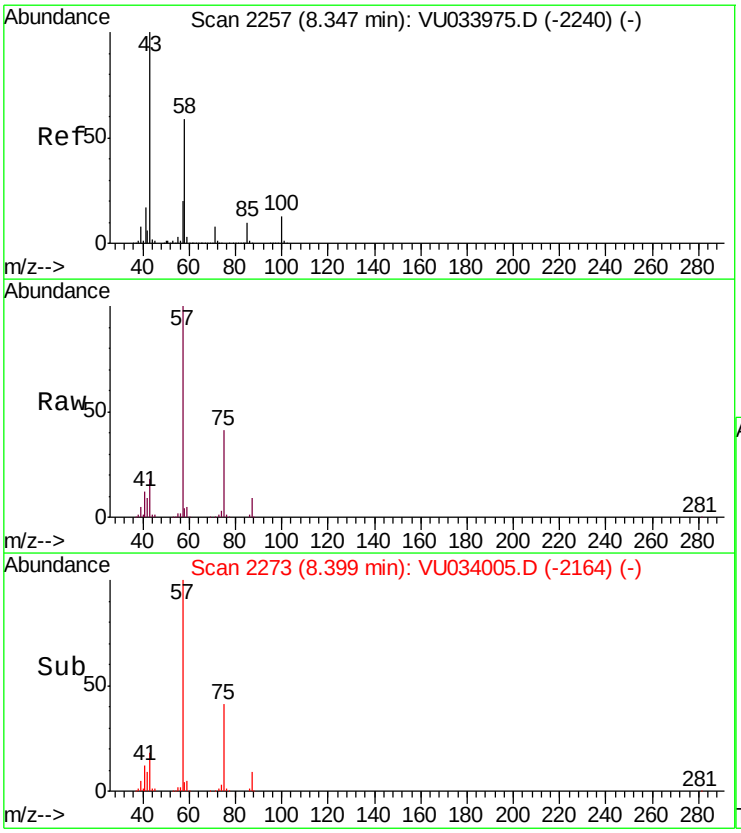
#57
1,3-Dichloropropane
Concen: 0.378 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.17 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion: 76 Resp: 3266

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

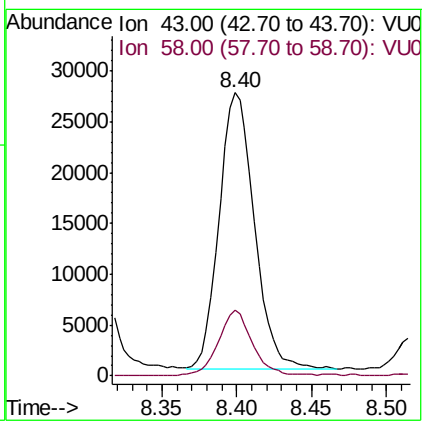


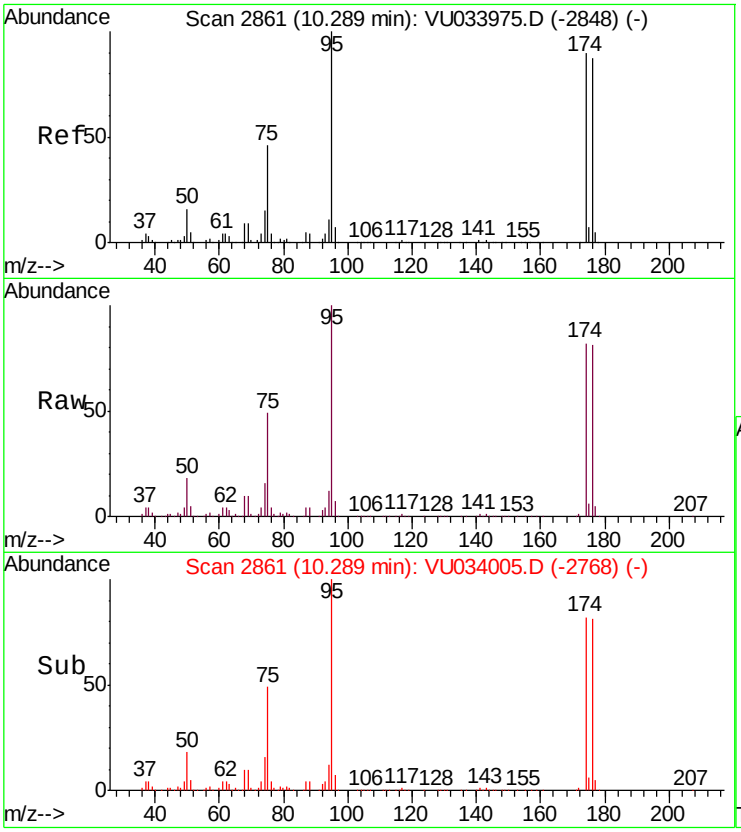


#59
2-Hexanone
Concen: 8.151 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion: 43 Resp: 44487

Ion	Ratio	Lower	Upper
43	100		
58	23.2	29.5	88.6#



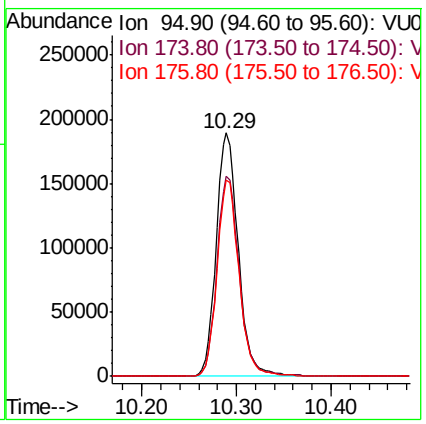


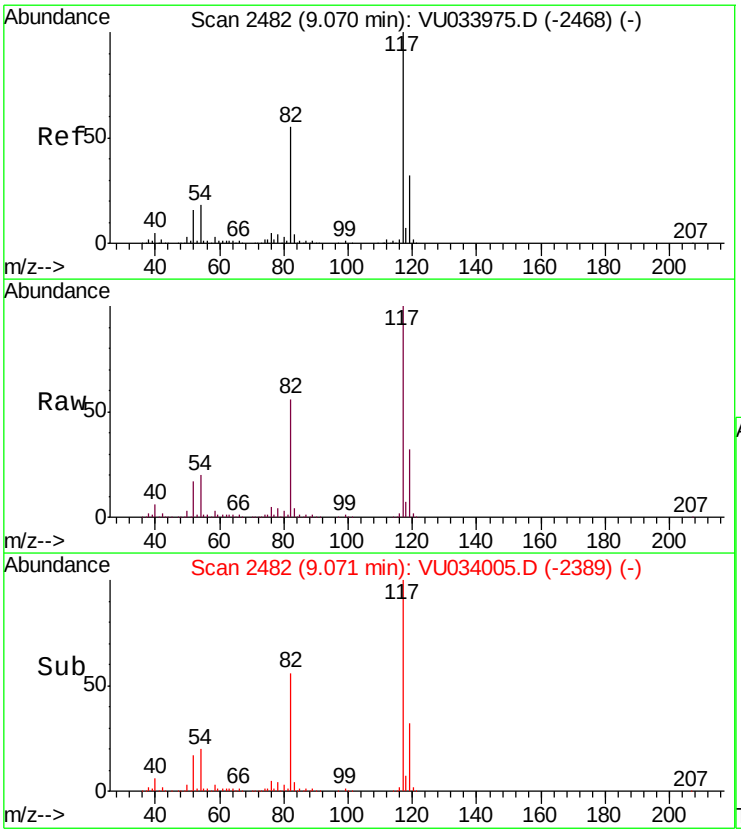
#62
4-Bromofluorobenzene
Concen: 44.215 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-D-(0)

Tgt Ion: 95 Resp: 307447

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	183.8
176	80.5	0.0	176.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034005.D
Acq: 28 Aug 2019 05:27

Tgt Ion:117 Resp: 602743

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.8	65.8
119	32.3	25.7	38.5