Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
Data File : VU027305.D
Acq On : 29 Sep 2018 05:02
Operator : MD/SY
Sample : J4777-40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PL-01-092718-D

Quant Time: Sep 29 07:04:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	106440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181528	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	105064	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.08%			
35) Dibromofluoromethane	4.88	113	74988	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.32%			
50) Toluene-d8	7.57	98	289842	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.66%			
62) 4-Bromofluorobenzene	10.31	95	97430	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.70%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	206	0.420	ug/l #	72
16) Acetone	2.32	43	15525	Below Cal		100
18) Methyl Acetate	2.62	43	3182	1.044	ug/l #	89
20) Methylene Chloride	2.70	84	8961	4.671	ug/l	98
25) 2-Butanone	4.29	43	2372	1.318	ug/l #	86
29) Tetrahydrofuran	4.65	42	723	0.664	ug/l #	52
31) Cyclohexane	4.99	56	2623	0.249	ug/l #	3
36) 1,1-Dichloropropene	4.98	75	9497	3.920	ug/l #	50
38) Carbon Tetrachloride	4.99	117	11074	4.803	ug/l #	17
43) Isopropyl Acetate	5.55	43	101713	21.265	ug/l	98
48) Methyl methacrylate	6.71	41	9672	4.652	ug/l #	46
51) 4-Methyl-2-Pentanone	7.42	43	1541	0.479	ug/l #	38
56) Ethyl methacrylate	7.78	69	760	2.428	ug/l #	55
59) 2-Hexanone	8.31	43	1054	0.419	ug/l #	26
68) m/p-Xylenes	9.38	106	395	1.625	ug/l #	66
76) 1,2,3-Trichloropropane	10.31	75	52909	20.357	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.77	105	1543	0.287	ug/l	91
81) trans-1,4-Dichloro-2-buten	10.31	75	52909	65.147	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1914	0.350	ug/l	89
86) p-Isopropyltoluene	11.48	119	87	0.942	ug/l #	1
89) n-Butylbenzene	11.90	91	21	2.396	ug/l #	33
95) Naphthalene	13.75	128	7662	2.734	ug/l	97

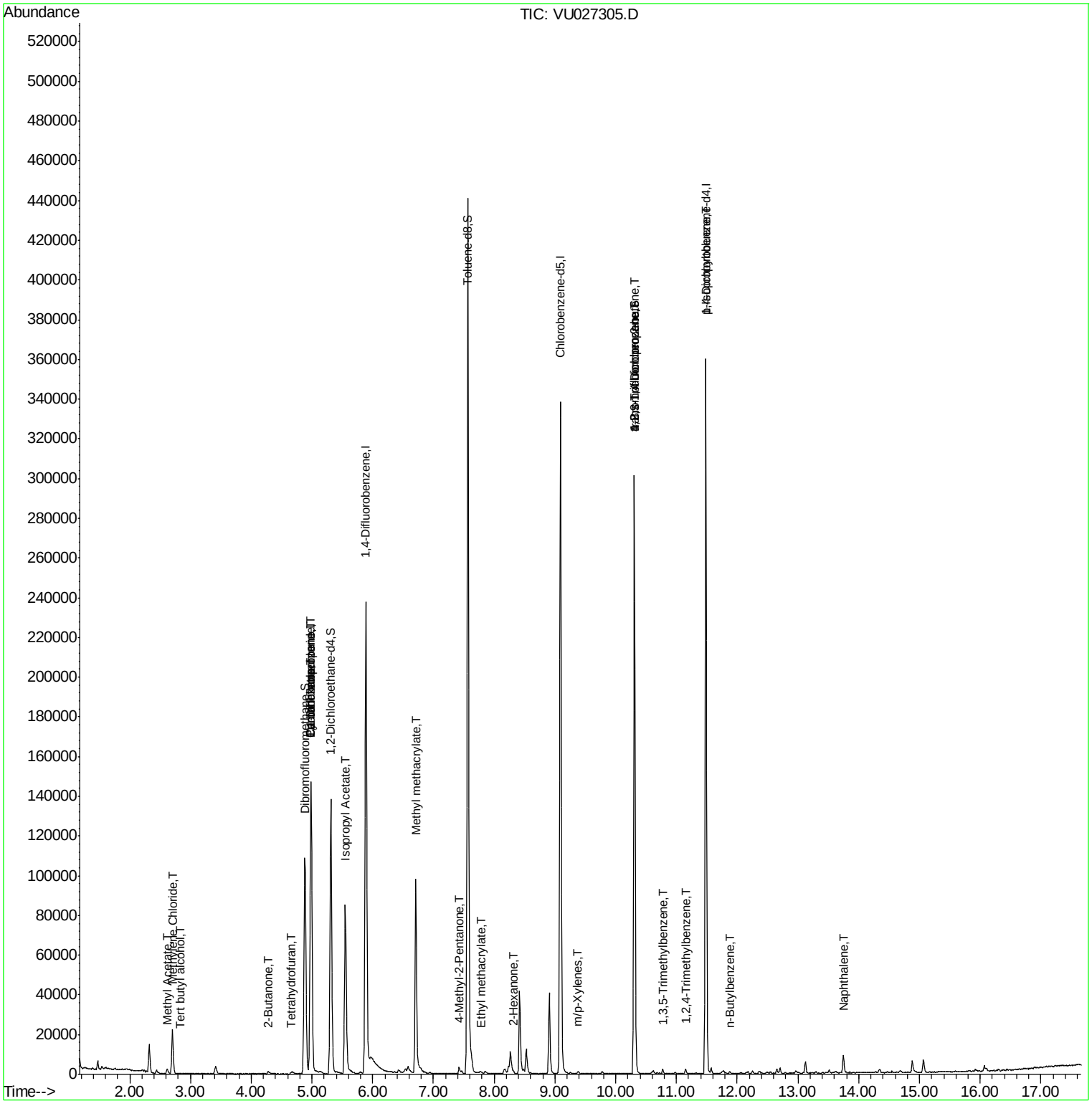
(#) = qualifier out of range (m) = manual integration (+) = signals summed

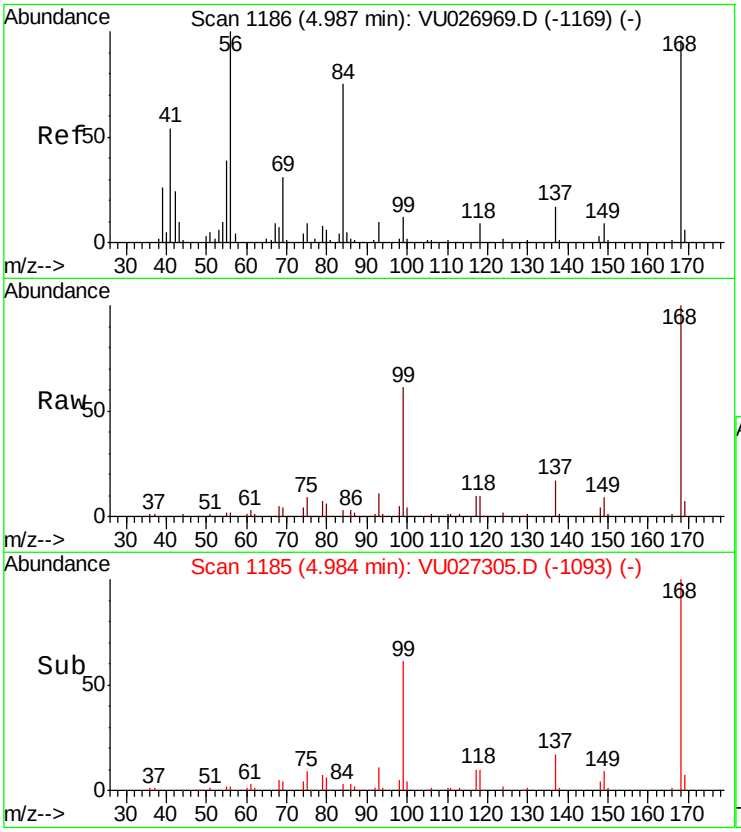
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
Data File : VU027305.D
Acq On : 29 Sep 2018 05:02
Operator : MD/SY
Sample : J4777-40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Quant Time: Sep 29 07:04:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration



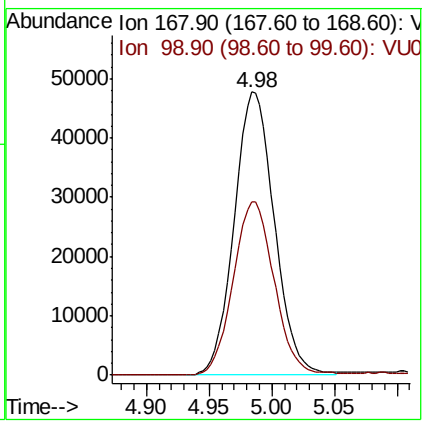


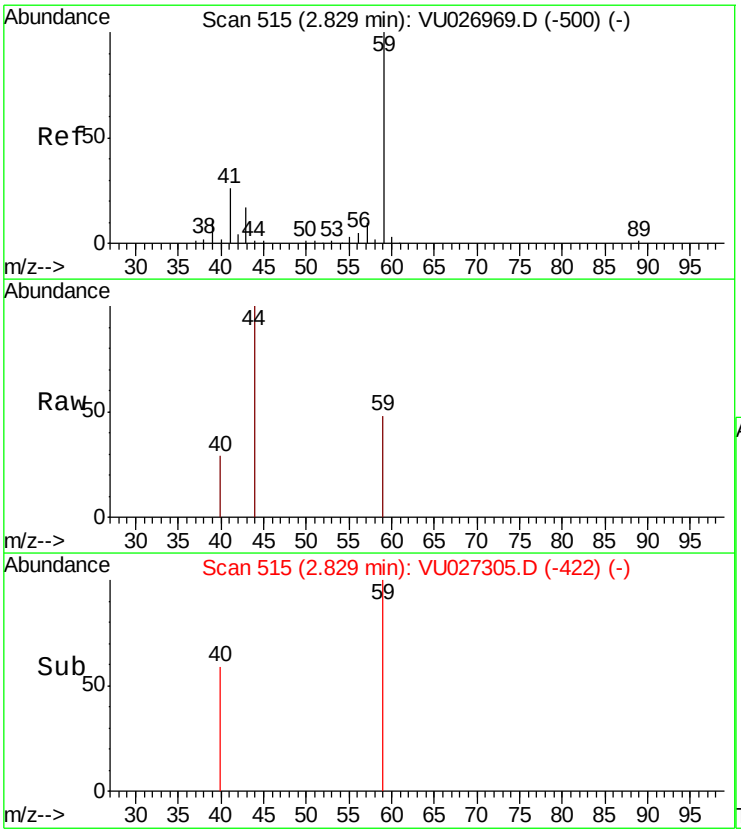
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion:168 Resp: 106440

Ion	Ratio	Lower	Upper
168	100		
99	61.4	48.1	72.1

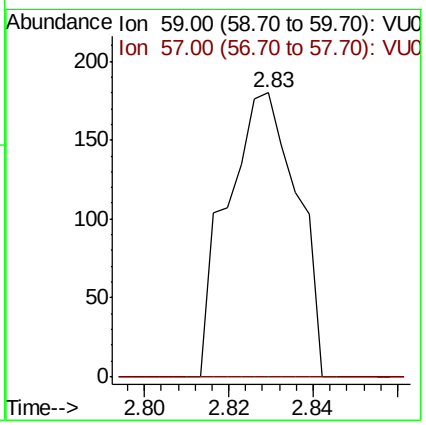


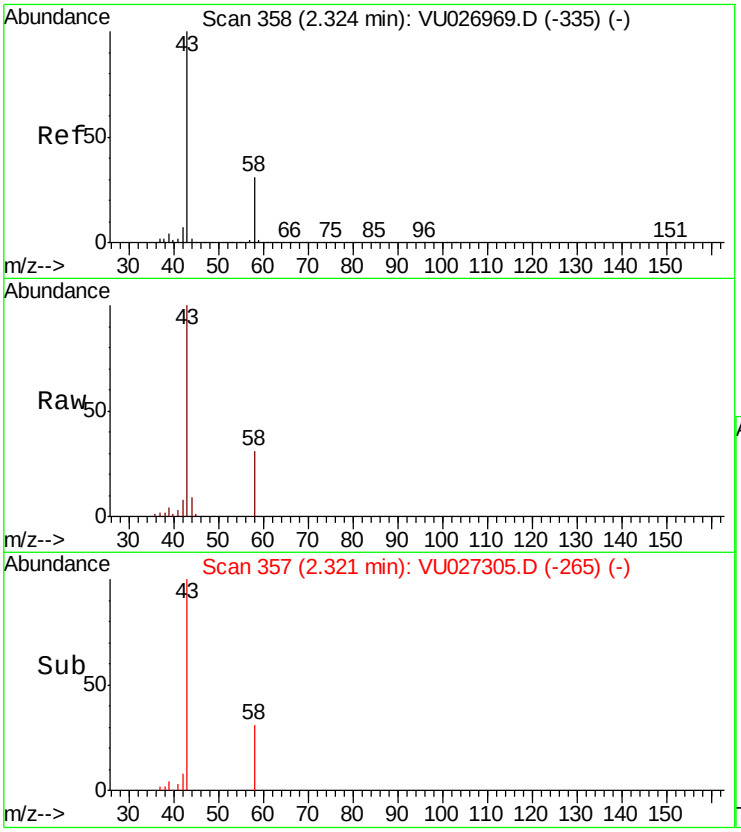


#11
Tert butyl alcohol
Concen: 0.420 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 59 Resp: 206

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



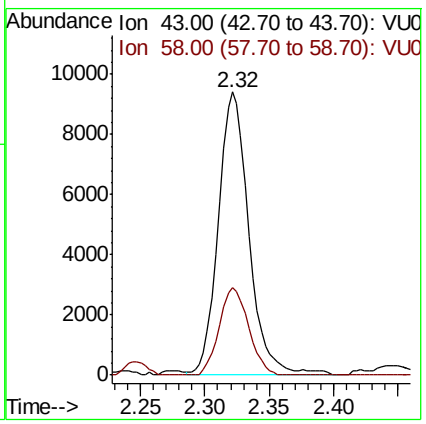


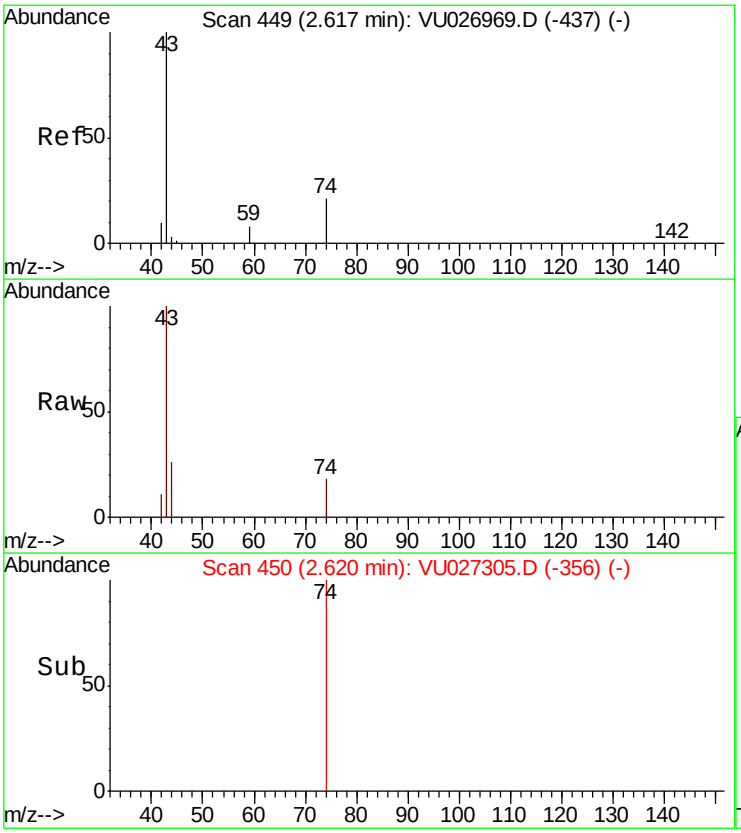
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument : MSVOA_U
ClientSampleId : PL-01-092718-D

Tgt Ion: 43 Resp: 15525

Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.6	36.8

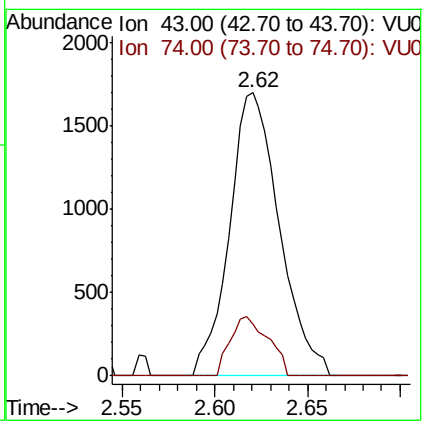


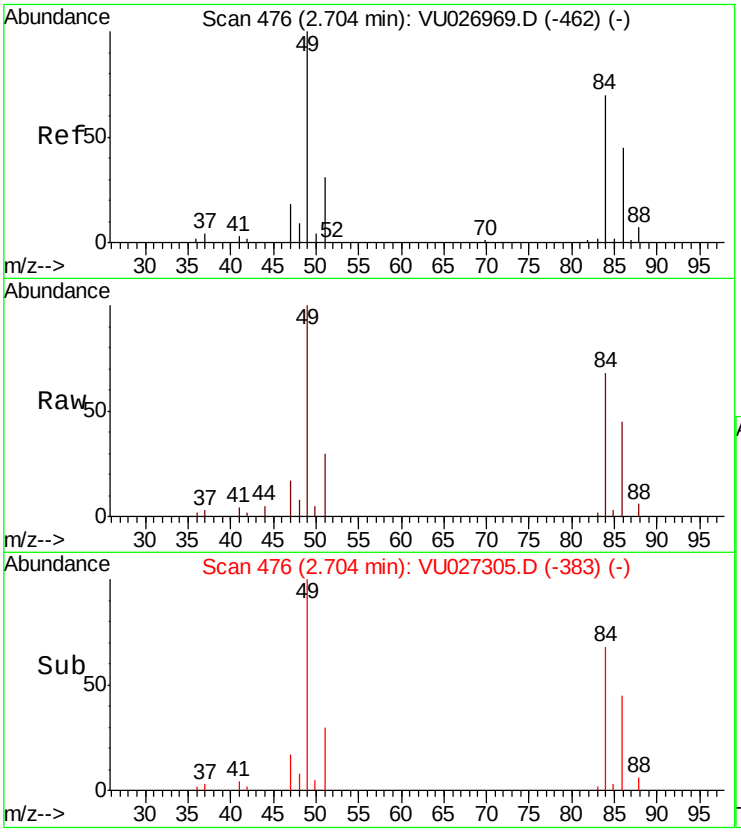


#18
Methyl Acetate
Concen: 1.044 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 43 Resp: 3182

Ion	Ratio	Lower	Upper
43	100		
74	15.8	16.6	25.0#



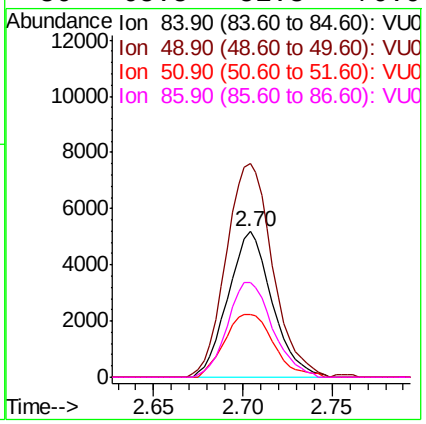


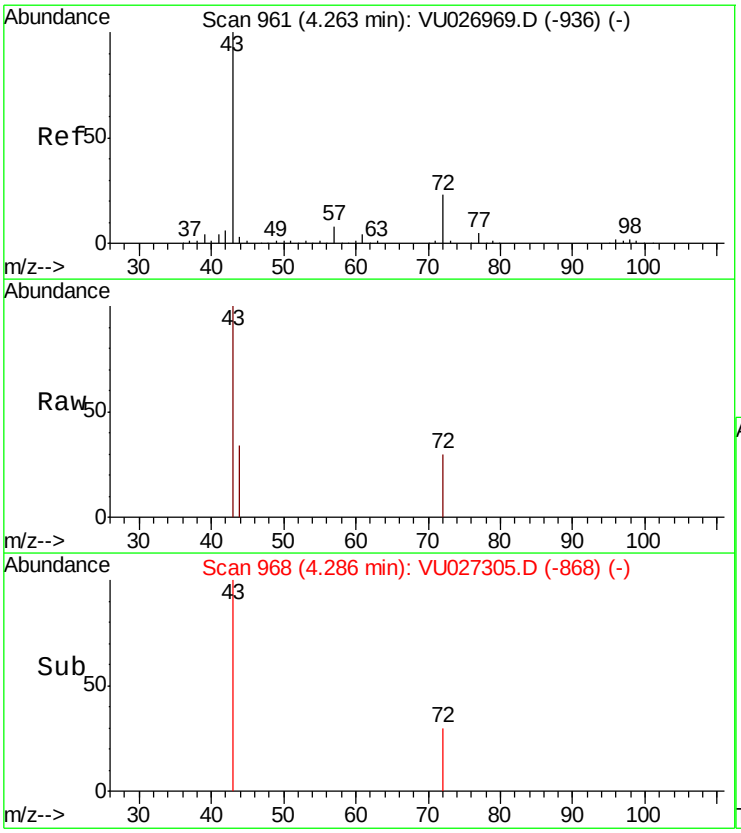
#20
Methylene Chloride
Concen: 4.671 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion: 84 Resp: 8961

Ion	Ratio	Lower	Upper
84	100		
49	146.7	114.9	172.3
51	43.5	35.8	53.8
86	65.5	51.3	76.9

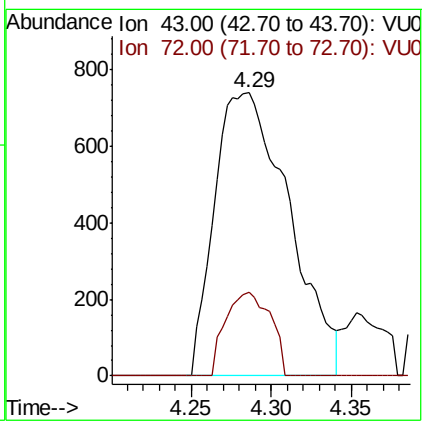


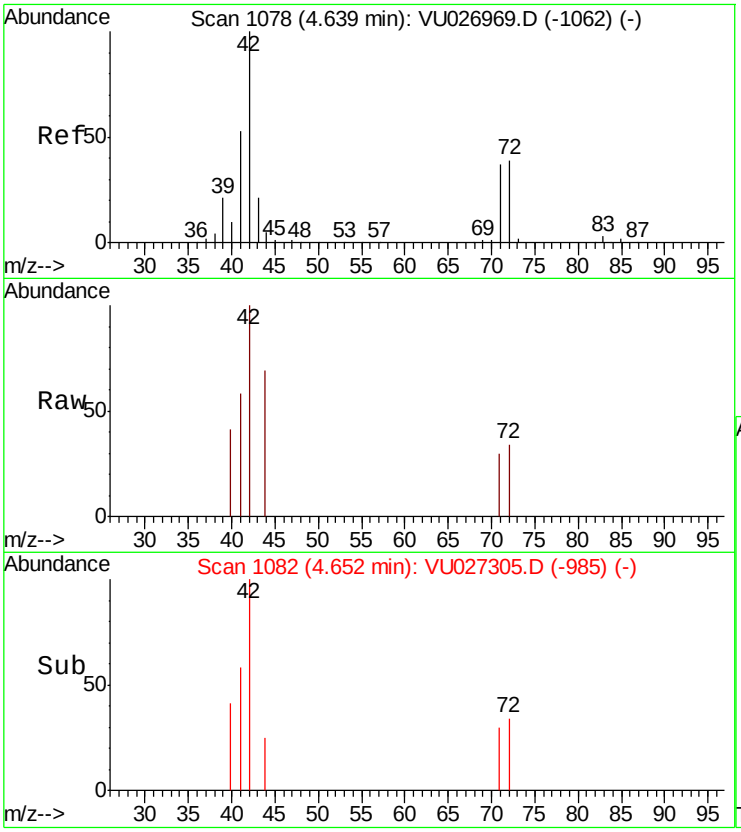


#25
2-Butanone
Concen: 1.318 ug/l
RT: 4.29 min Scan# 968
Delta R.T. 0.02 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 43 Resp: 2372

Ion	Ratio	Lower	Upper
43	100		
72	29.6	18.4	27.6#



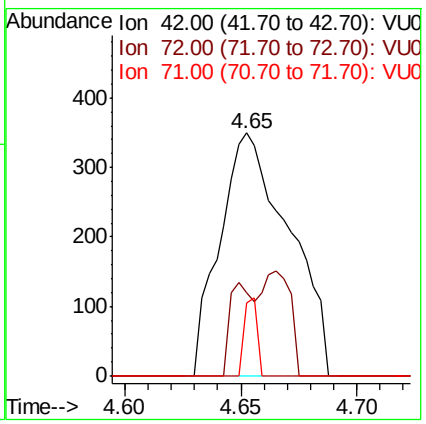


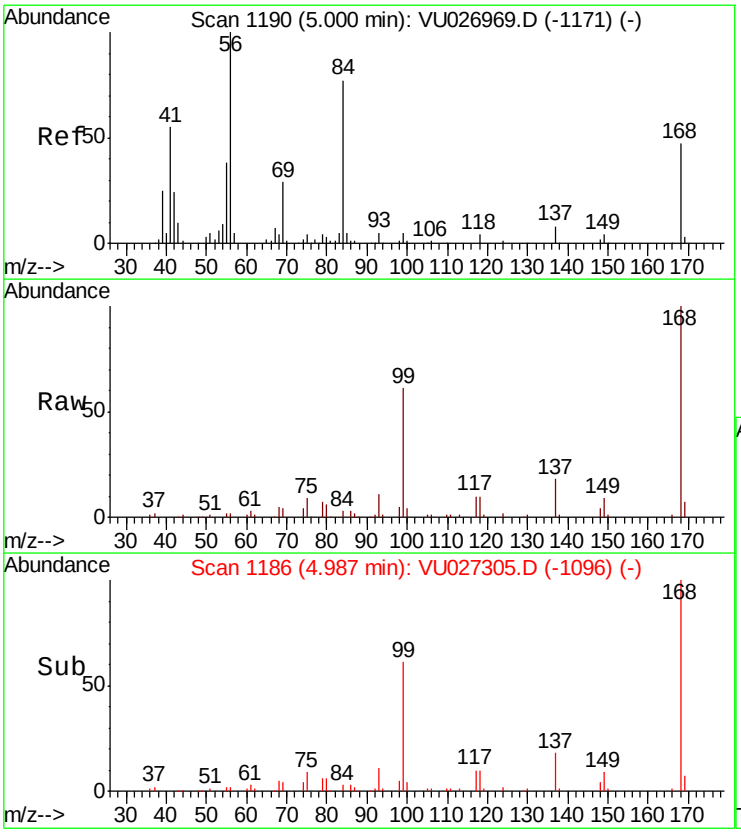
#29
Tetrahydrofuran
Concen: 0.664 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument : MSVOA_U
ClientSampleId : PL-01-092718-D

Tgt Ion: 42 Resp: 723

Ion	Ratio	Lower	Upper
42	100		
72	12.9	31.7	47.5#
71	5.8	29.6	44.4#

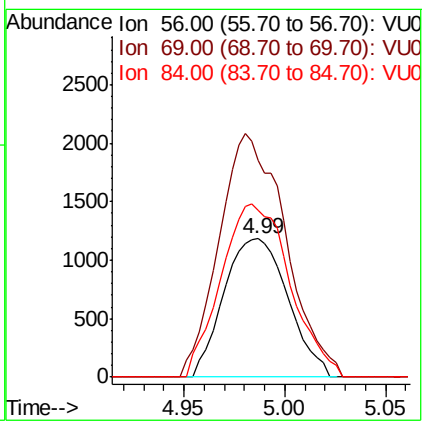


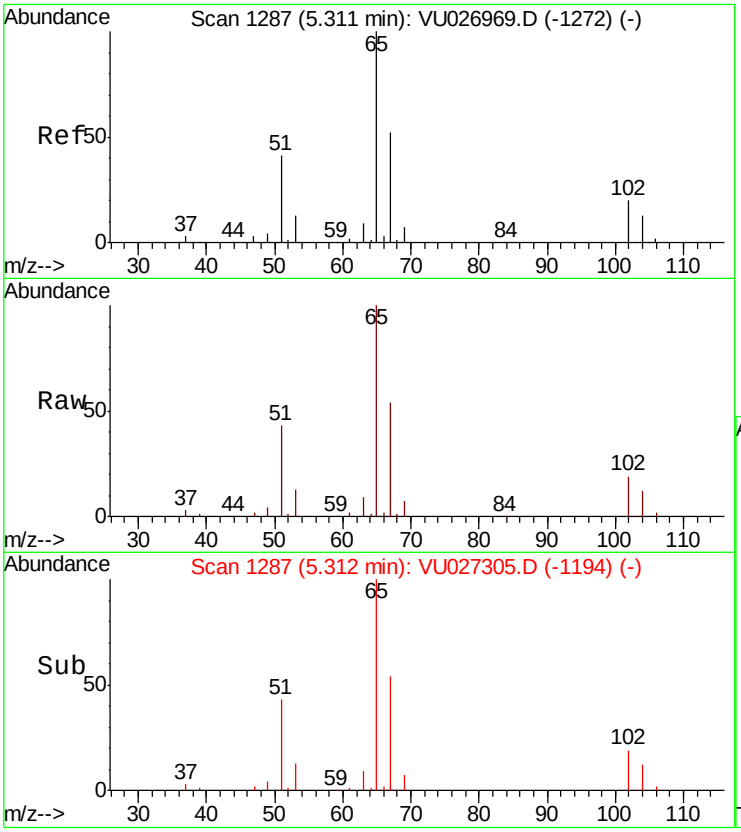


#31
Cyclohexane
Concen: 0.249 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 56 Resp: 2623

Ion	Ratio	Lower	Upper
56	100		
69	146.0	23.0	34.4#
84	120.3	61.4	92.2#



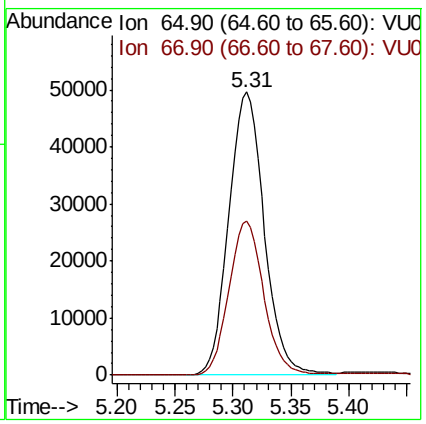


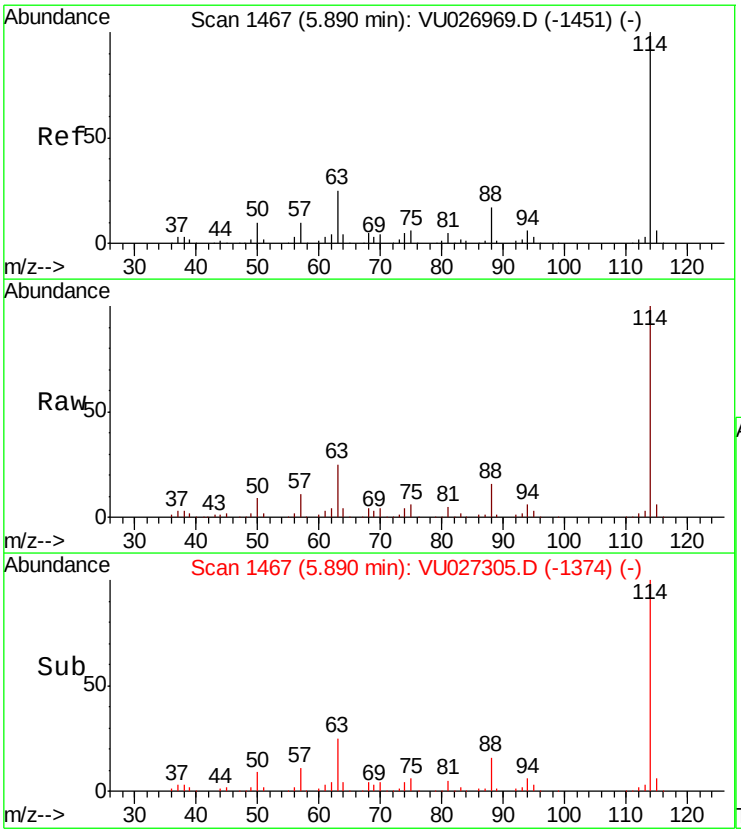
#33
1,2-Dichloroethane-d4
Concen: 49.043 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion: 65 Resp: 105064

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.6

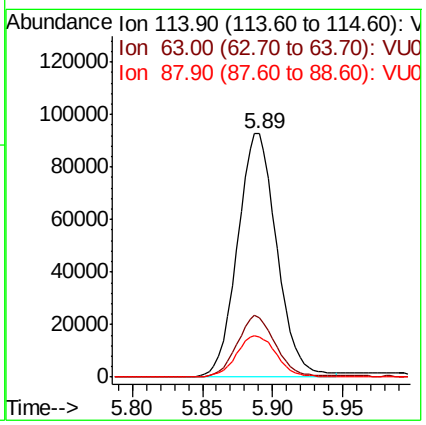


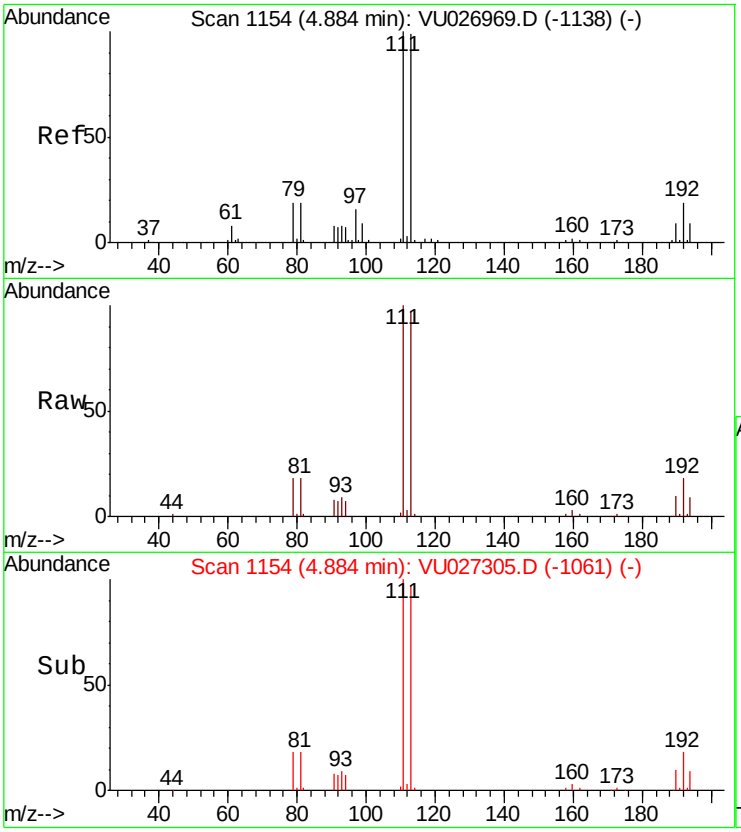


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion:114 Resp: 181528

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.2
88	16.5	0.0	33.8



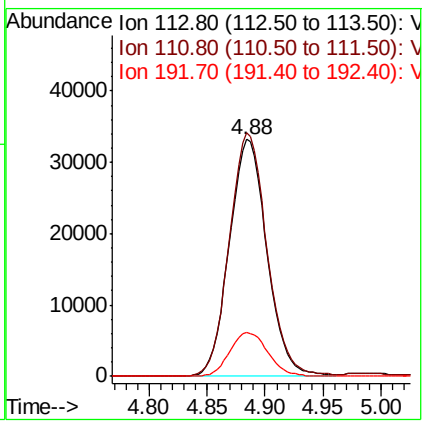


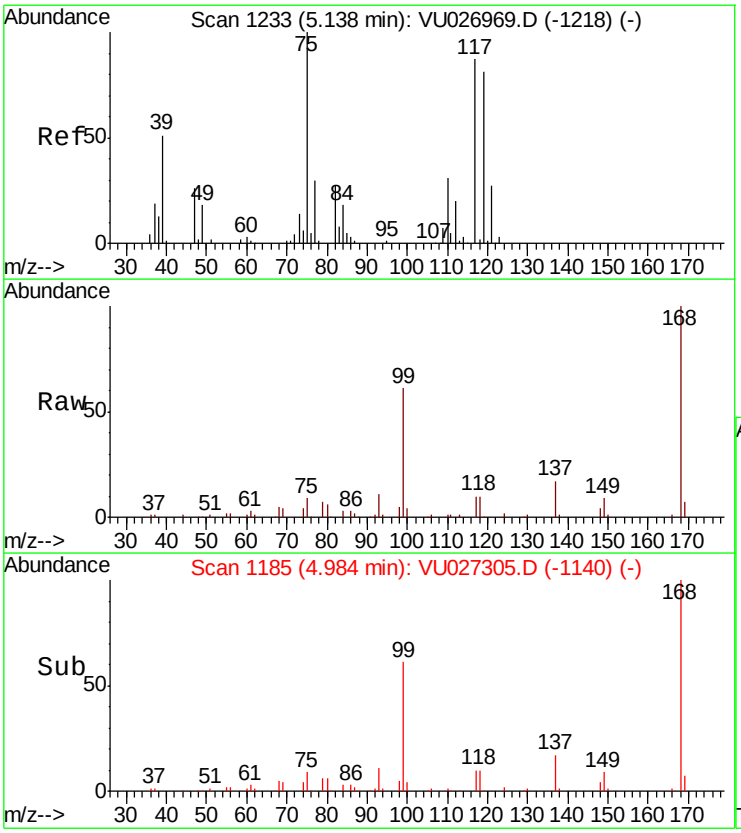
#35
Dibromofluoromethane
Concen: 47.657 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion:113 Resp: 74988

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	18.7	15.2	22.8

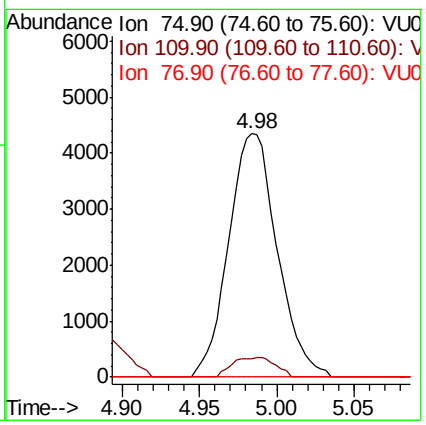


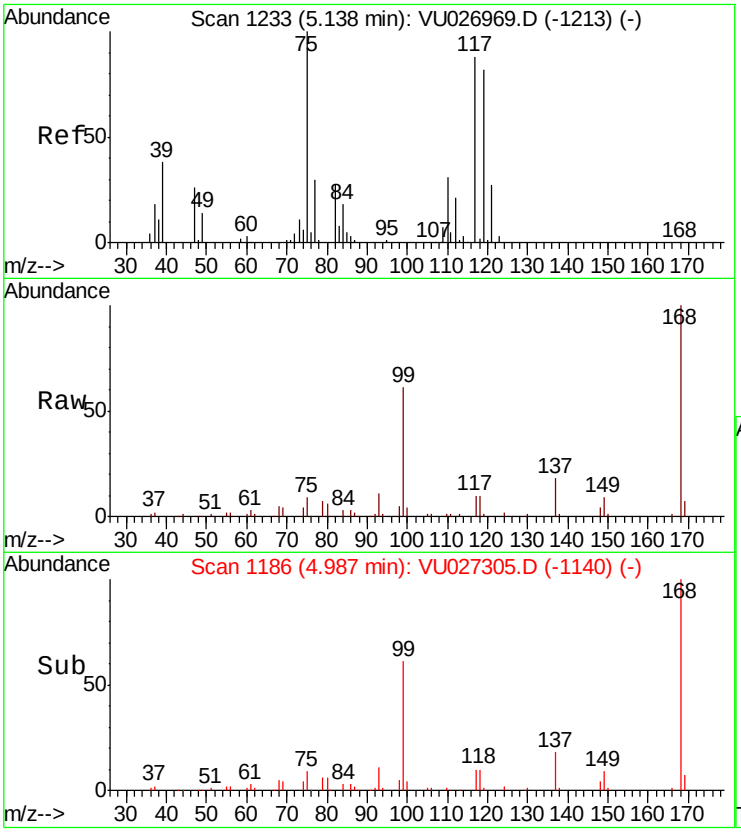


#36
1,1-Dichloropropene
Concen: 3.920 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 75 Resp: 9497

Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.1	48.2#
77	0.0	24.6	36.8#



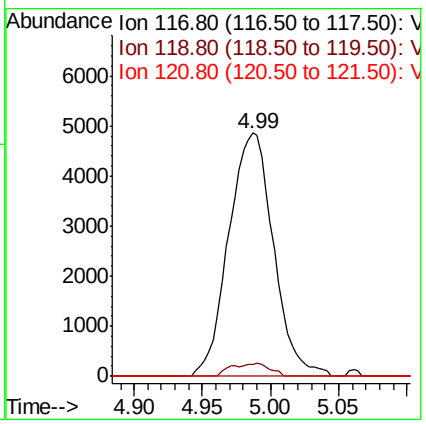


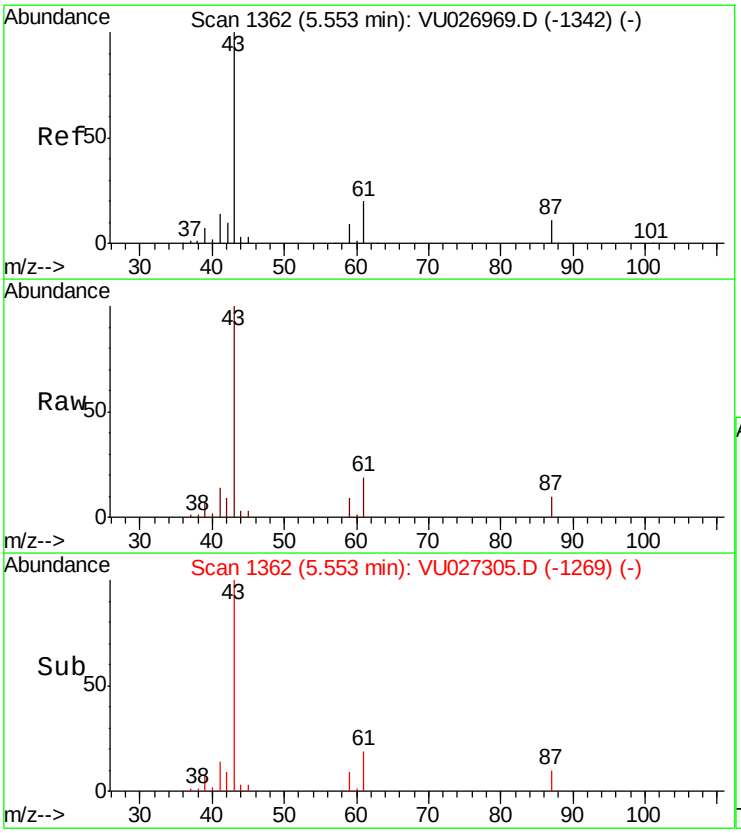
#38
Carbon Tetrachloride
Concen: 4.803 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion:117 Resp: 11074

Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.4	111.6#
121	0.0	24.2	36.4#

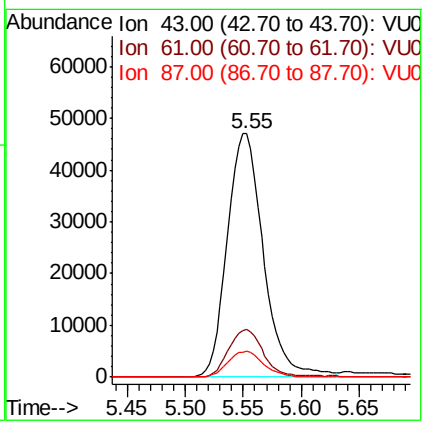


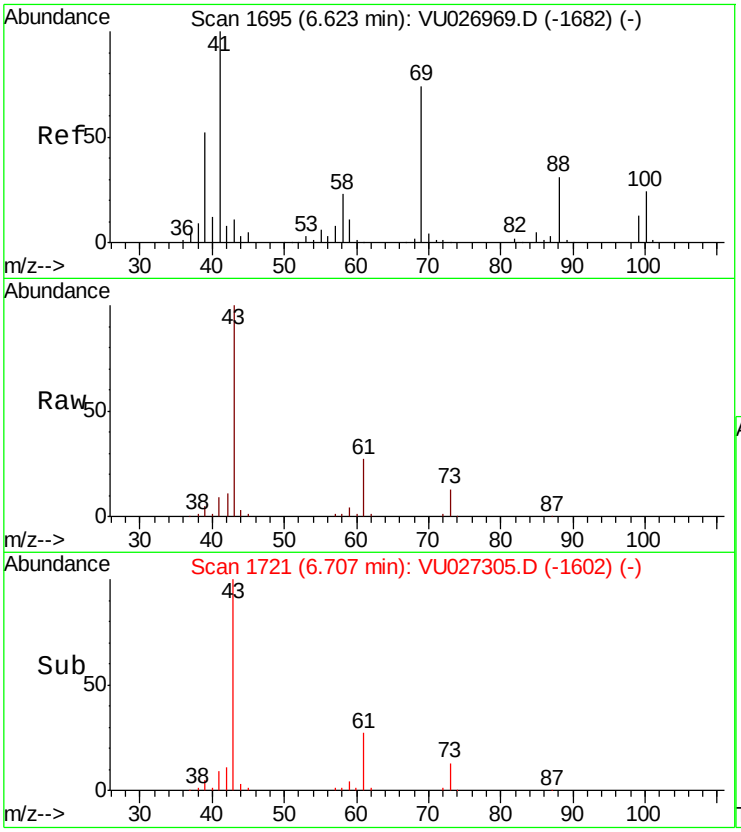


#43
Isopropyl Acetate
Concen: 21.265 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 43 Resp: 101713

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.7	23.5
87	10.3	9.0	13.4



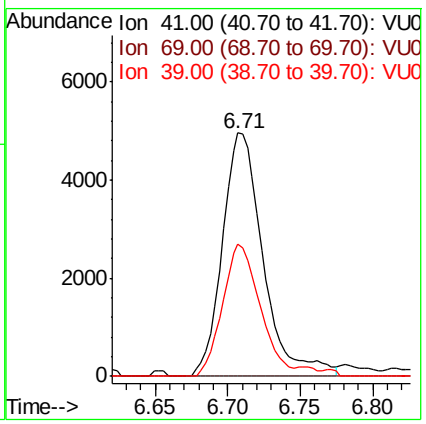


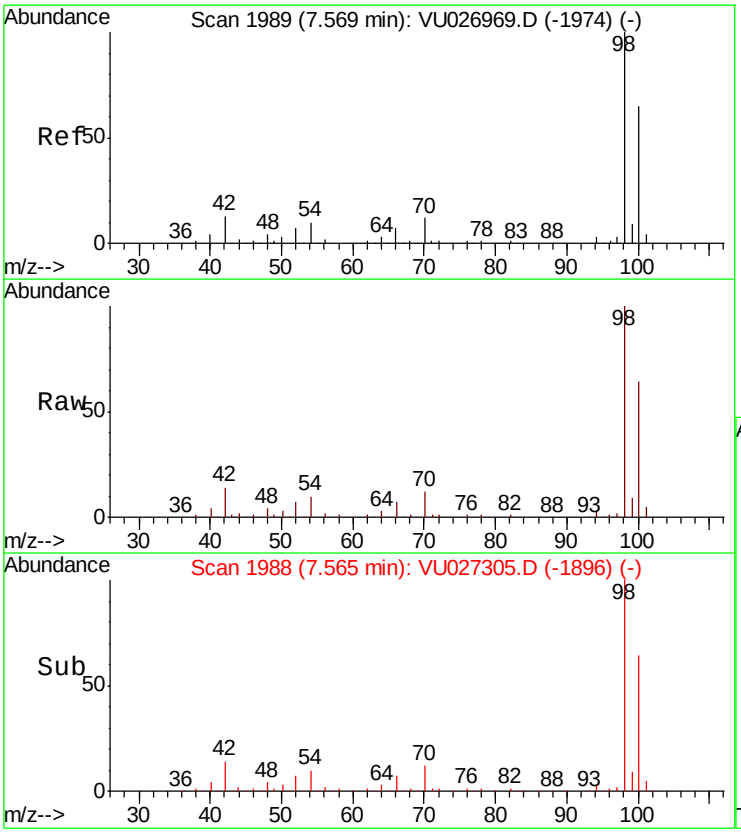
#48
Methyl methacrylate
Concen: 4.652 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.08 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument : MSVOA_U
ClientSampleId : PL-01-092718-D

Tgt Ion: 41 Resp: 9672

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.6	90.8#
39	49.9	42.8	64.2

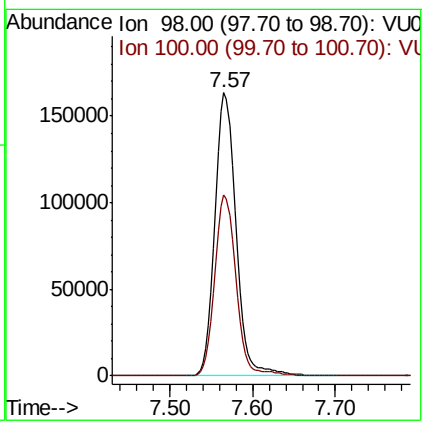


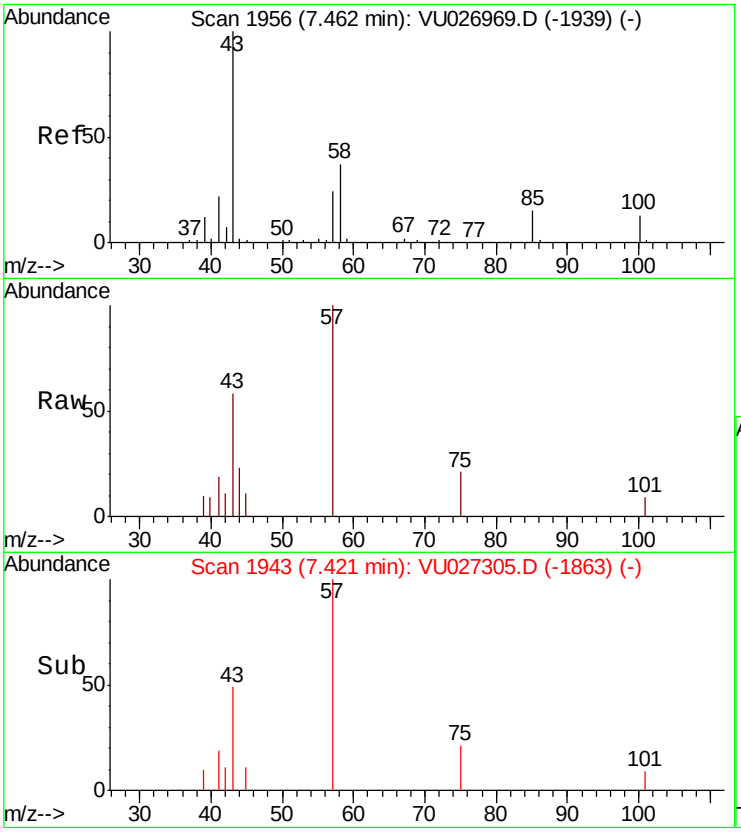


#50
Toluene-d8
Concen: 48.334 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 98 Resp: 289842

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1



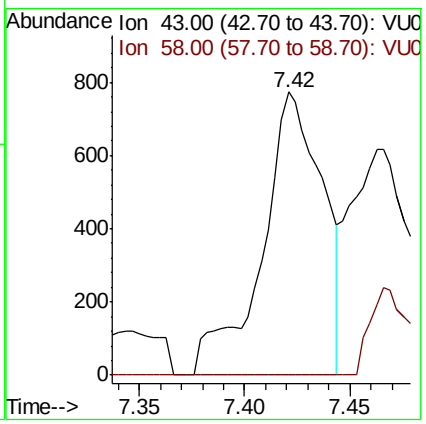


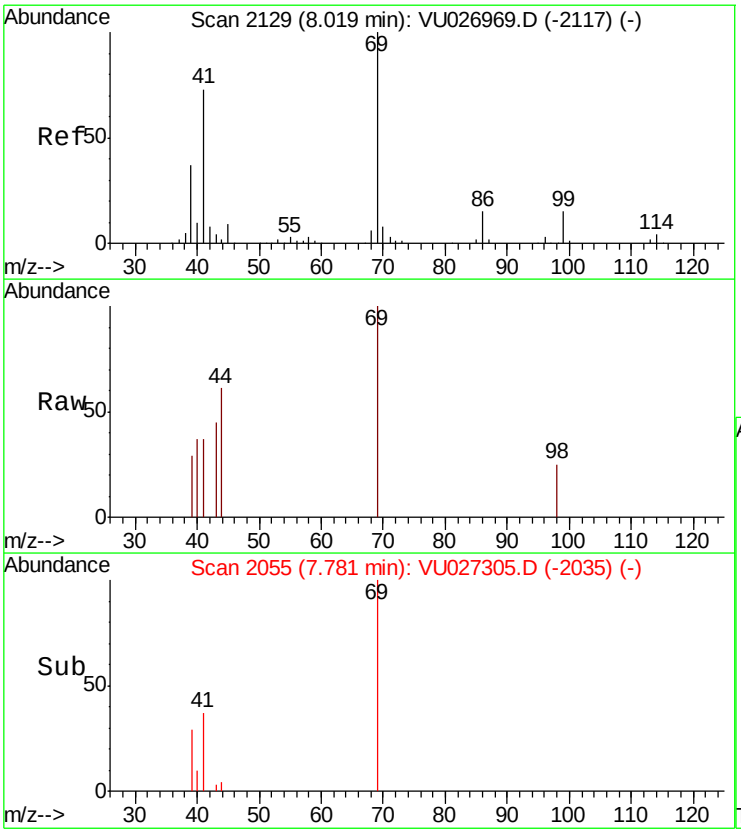
#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 7.42 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion: 43 Resp: 1541

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	44.6#

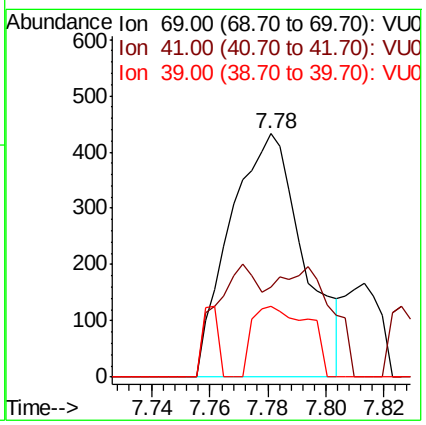


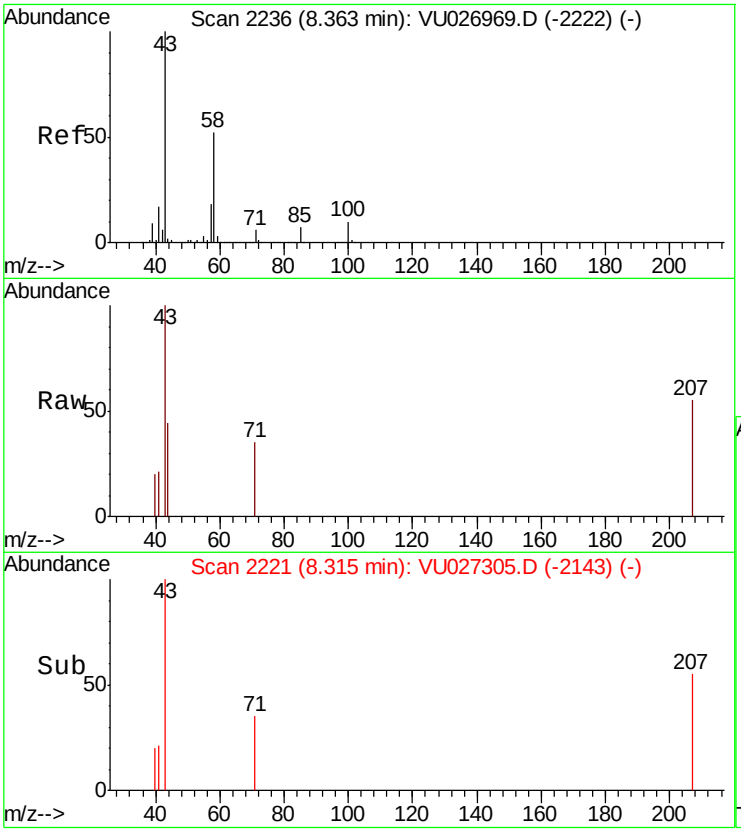


#56
Ethyl methacrylate
Concen: 2.428 ug/l
RT: 7.78 min Scan# 2055
Delta R.T. -0.24 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 69 Resp: 760

Ion	Ratio	Lower	Upper
69	100		
41	27.9	59.0	88.4#
39	22.4	30.2	45.4#



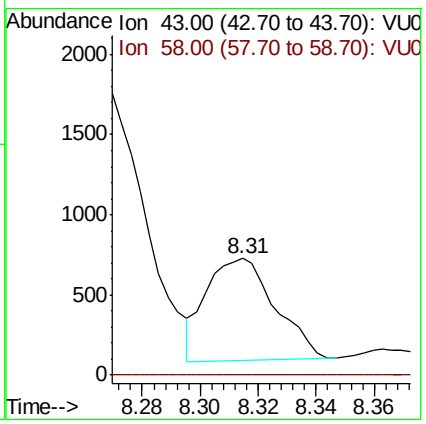


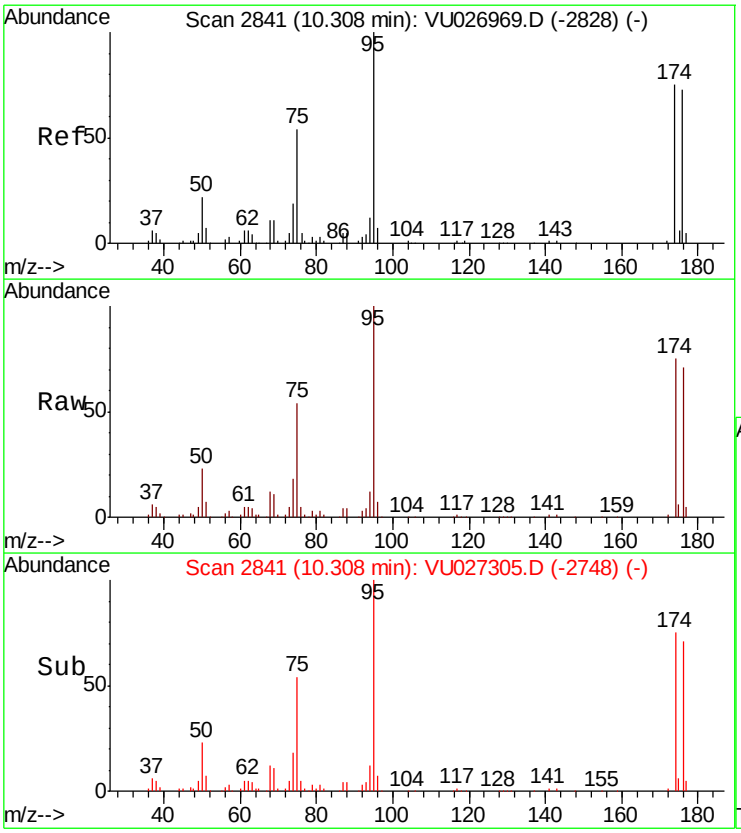
#59
2-Hexanone
Concen: 0.419 ug/l
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument : MSVOA_U
ClientSampleId : PL-01-092718-D

Tgt Ion: 43 Resp: 1054

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	78.2#

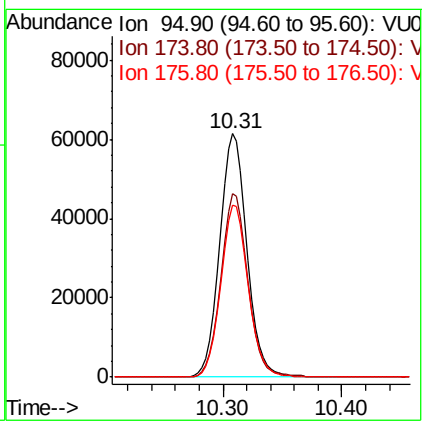


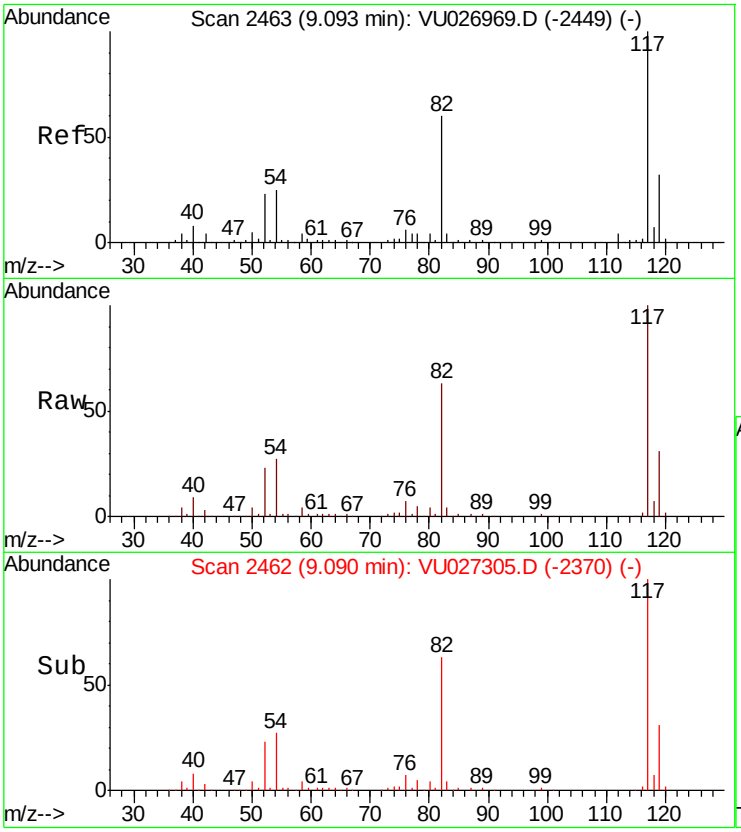


#62
4-Bromofluorobenzene
Concen: 47.351 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 95 Resp: 97430

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.2
176	71.1	0.0	145.2



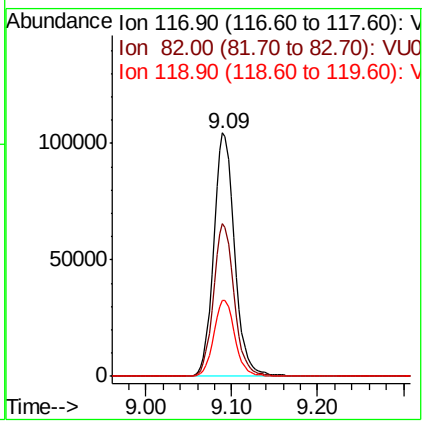


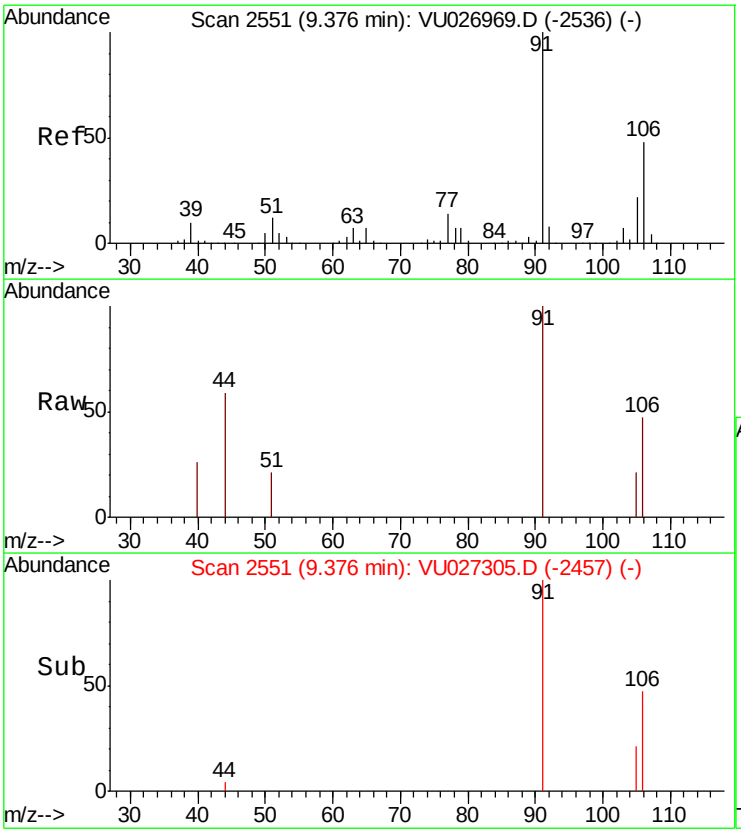
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument : MSVOA_U
ClientSampleId : PL-01-092718-D

Tgt Ion:117 Resp: 177000

Ion	Ratio	Lower	Upper
117	100		
82	62.7	48.0	72.0
119	30.9	25.8	38.8

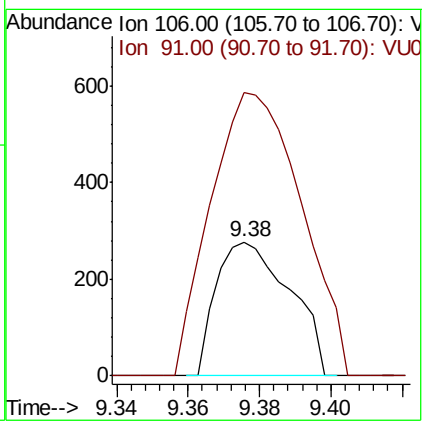


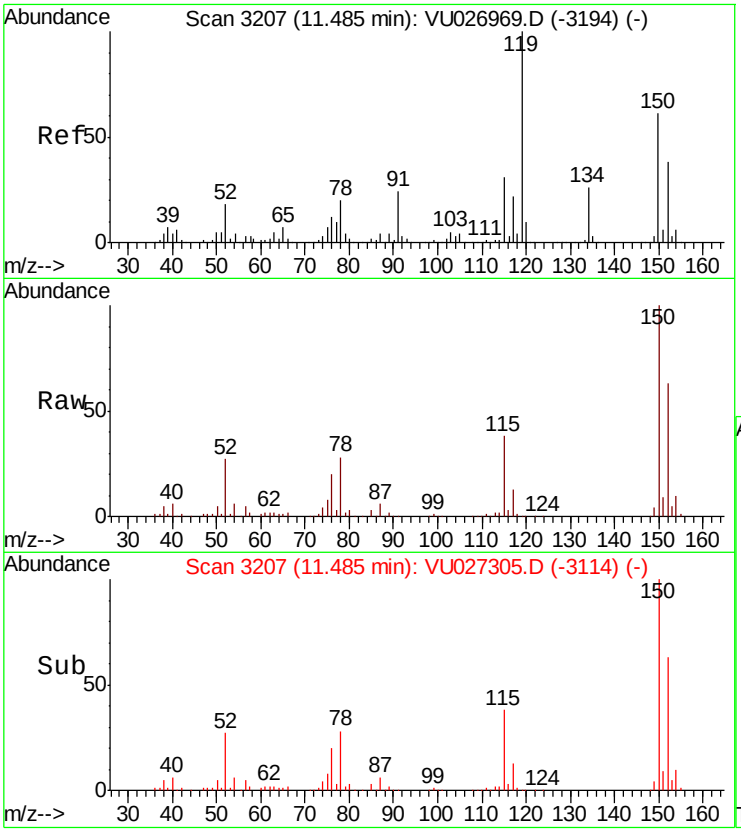


#68
m/p-Xylenes
Concen: 1.625 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion:106 Resp: 395

Ion	Ratio	Lower	Upper
106	100		
91	260.3	166.5	249.7#



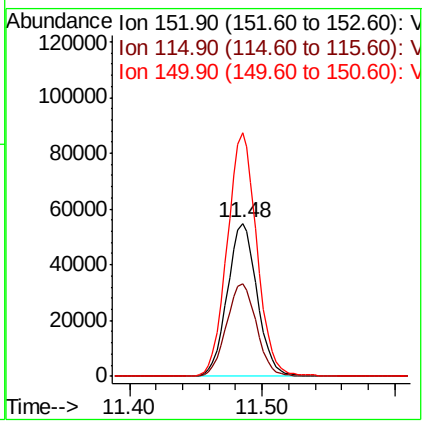


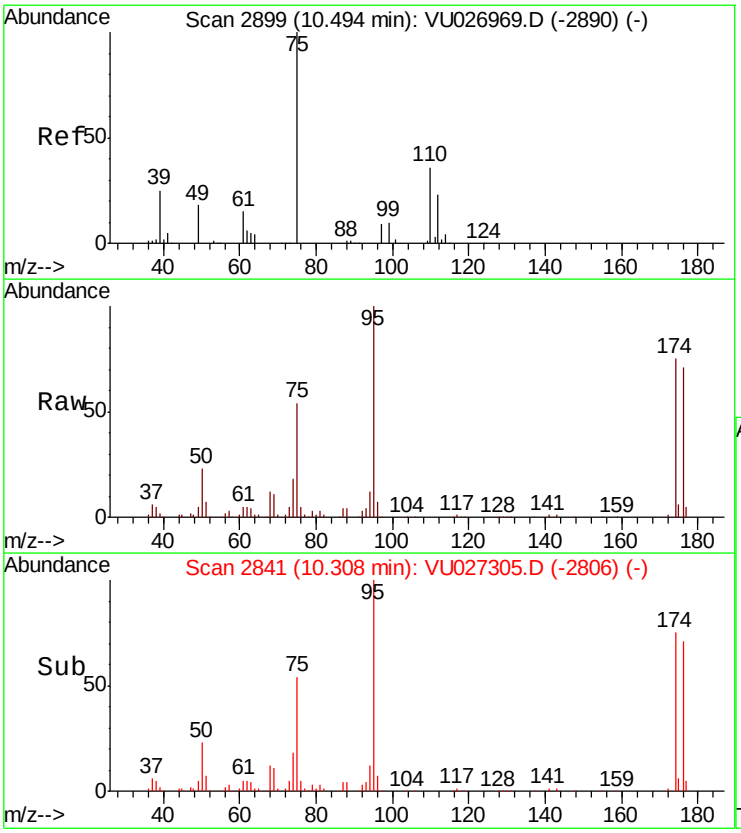
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument : MSVOA_U
ClientSampleId : PL-01-092718-D

Tgt Ion:152 Resp: 85551

Ion	Ratio	Lower	Upper
152	100		
115	61.1	44.9	134.5
150	158.7	0.0	355.8

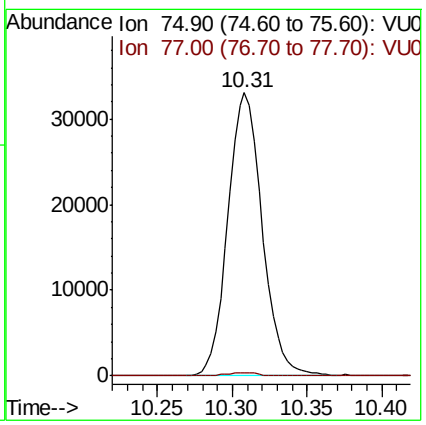


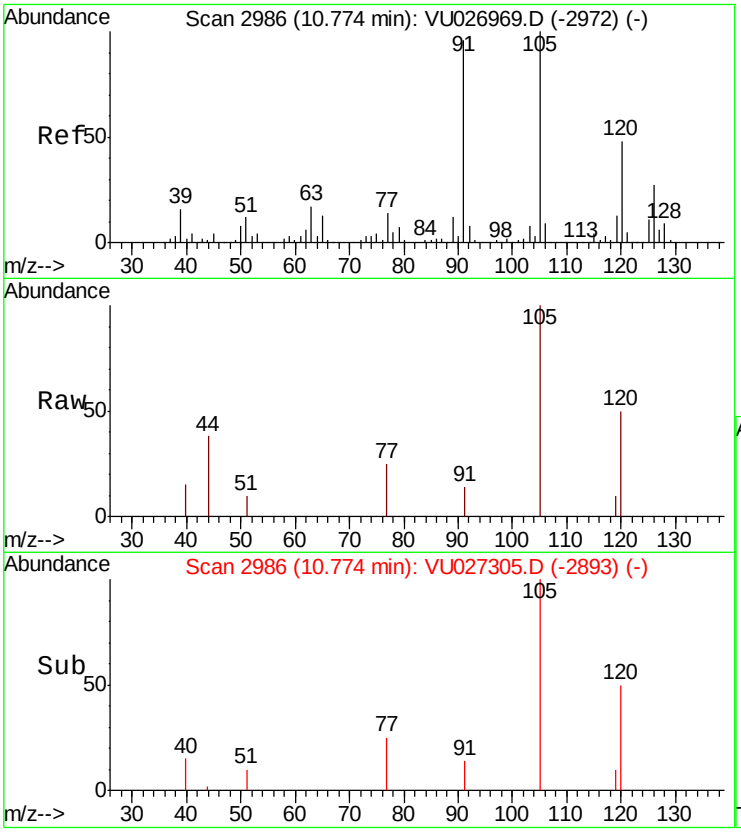


#76
1,2,3-Trichloropropane
Concen: 20.357 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 75 Resp: 52909

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.9	62.8#



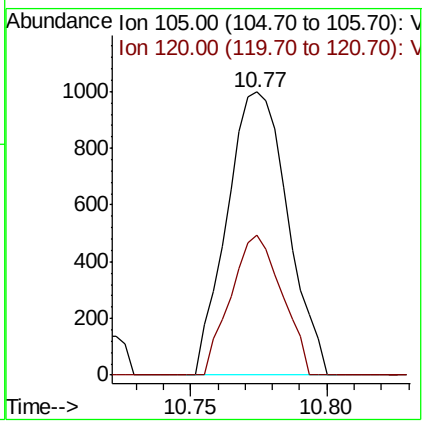


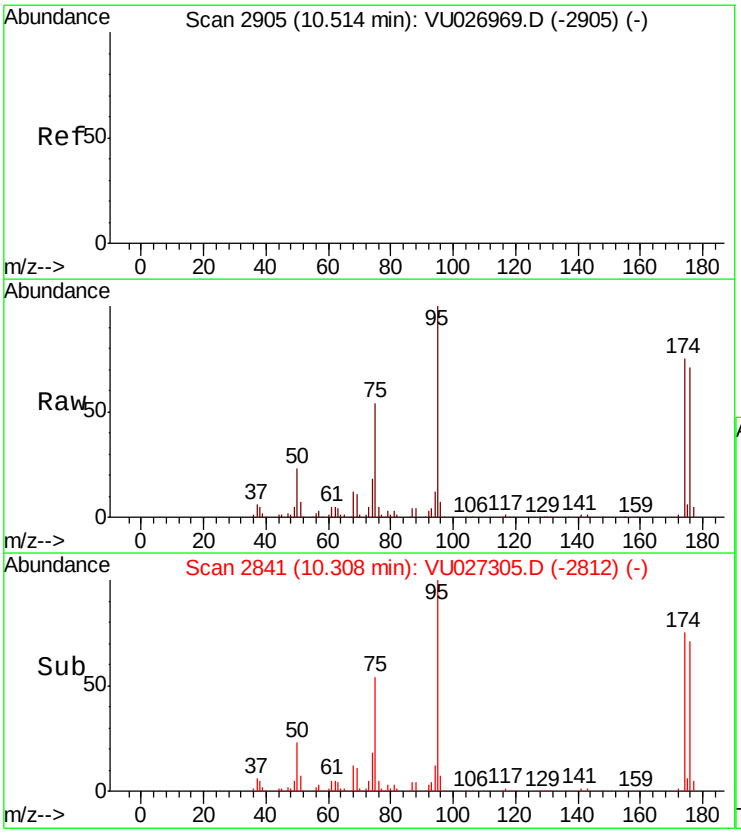
#80
1,3,5-Trimethylbenzene
Concen: 0.287 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion:105 Resp: 1543

Ion	Ratio	Lower	Upper
105	100		
120	41.9	23.9	71.7

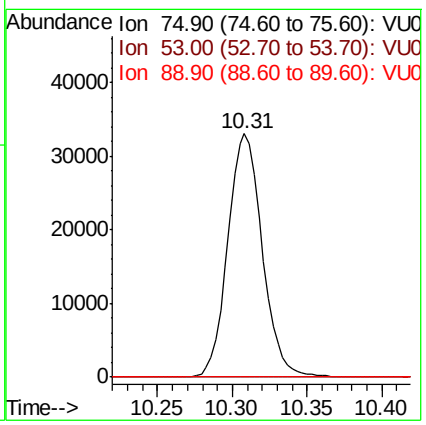


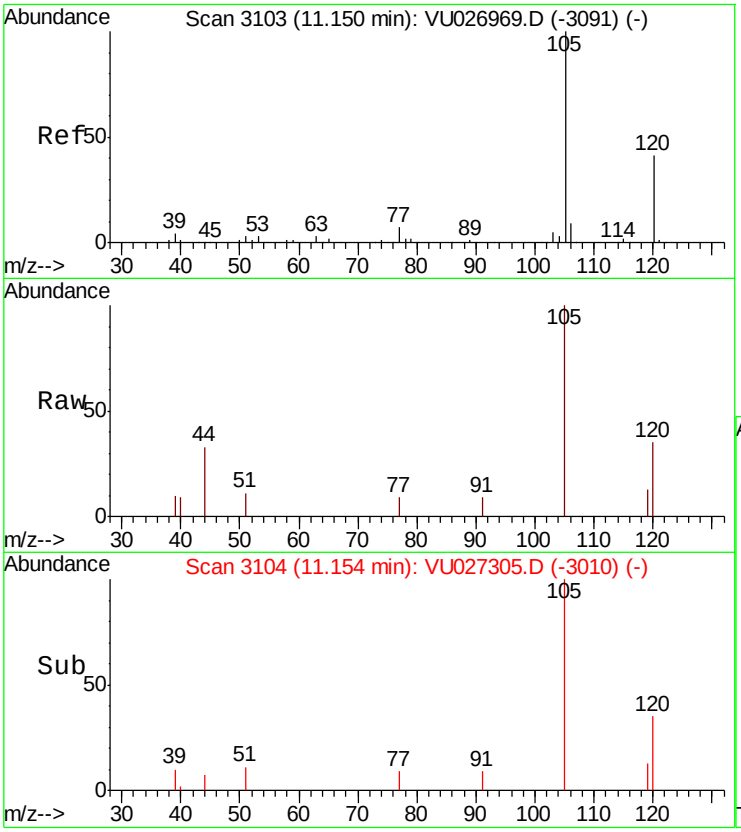


#81
trans-1,4-Dichloro-2-butene
Concen: 65.147 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion: 75 Resp: 52909

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



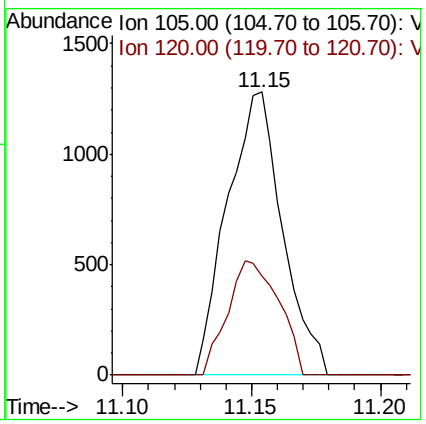


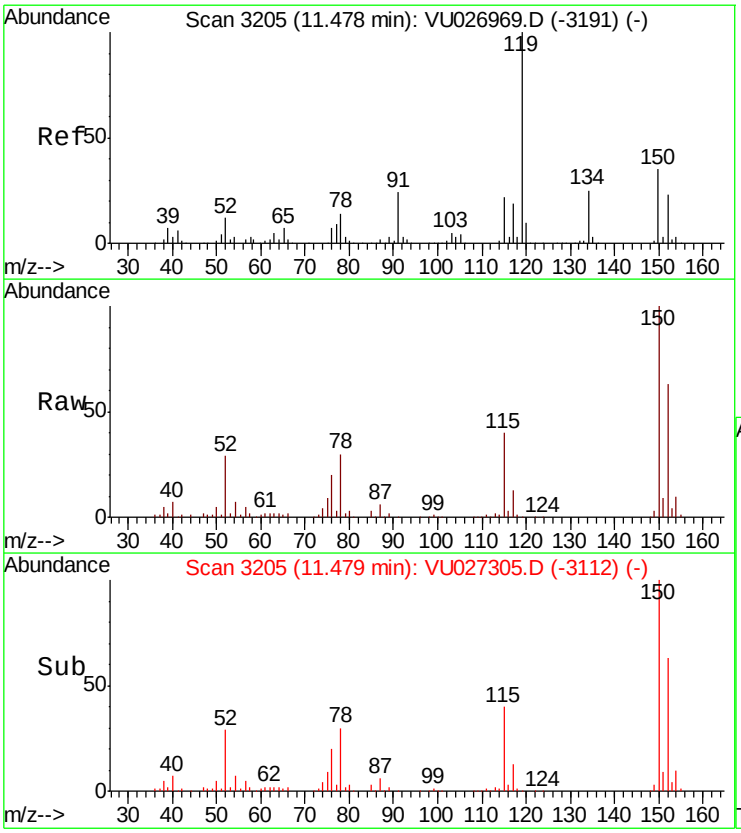
#84
1,2,4-Trimethylbenzene
Concen: 0.350 ug/l
RT: 11.15 min Scan# 3104
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion:105 Resp: 1914

Ion	Ratio	Lower	Upper
105	100		
120	37.6	22.4	67.2

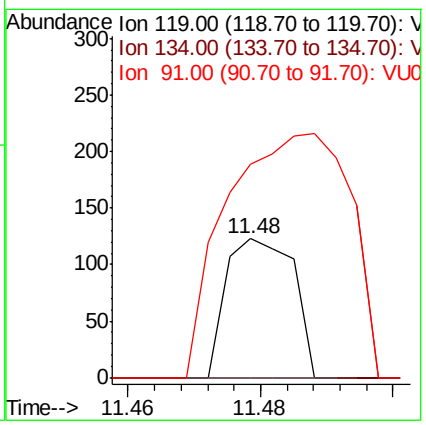


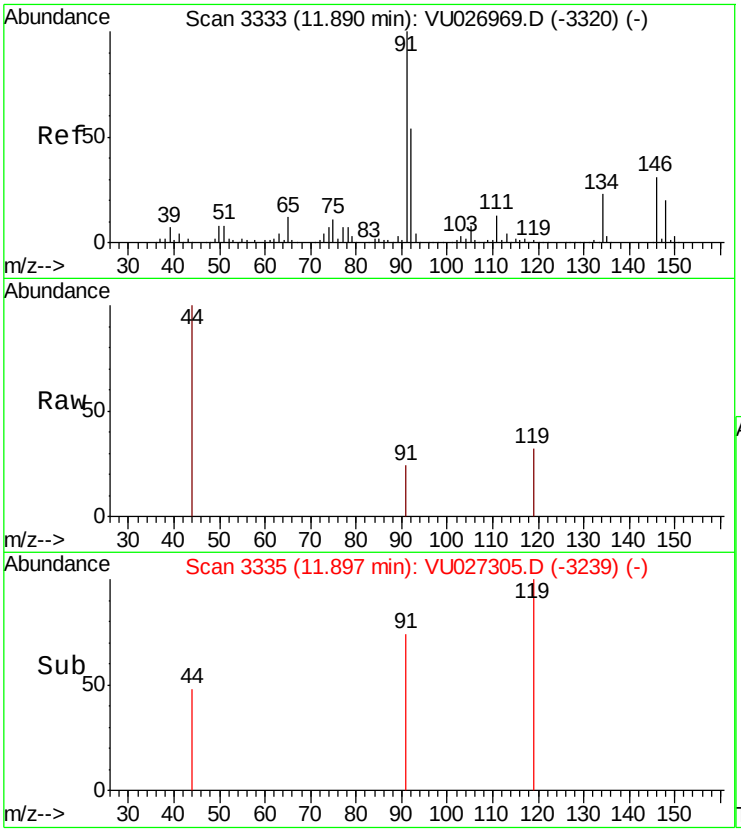


#86
p-Isopropyltoluene
Concen: 0.942 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion:119 Resp: 87

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.8	38.3#
91	320.7	12.3	36.8#



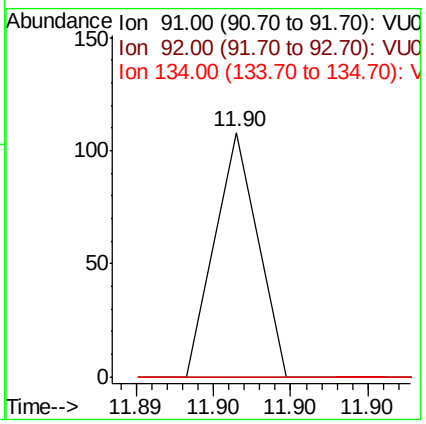


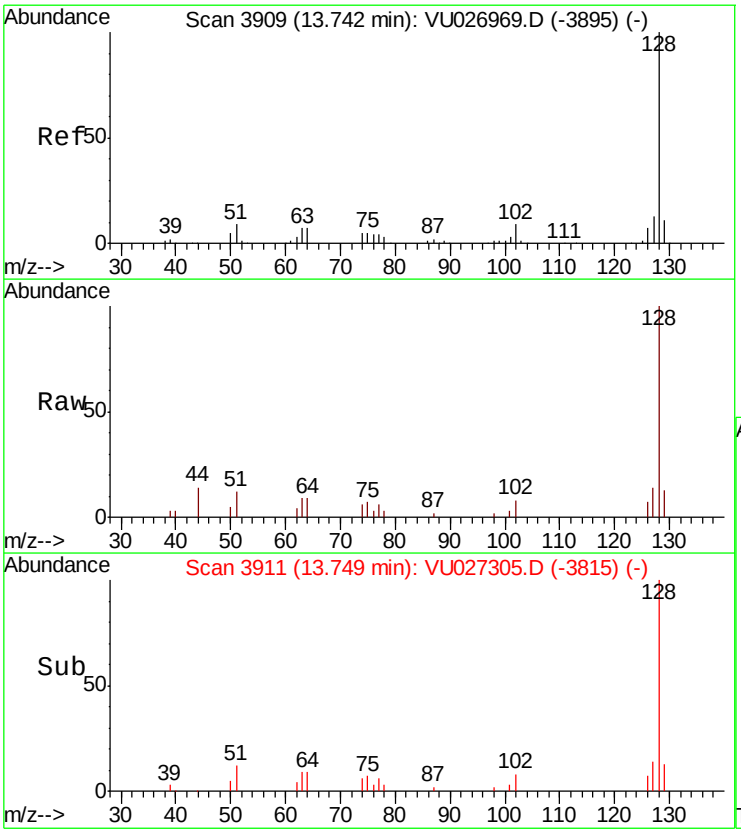
#89
n-Butylbenzene
Concen: 2.396 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-D

Tgt Ion: 91 Resp: 21

Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.1	81.2#
134	0.0	11.7	35.0#





#95
Naphthalene
Concen: 2.734 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU027305.D
Acq: 29 Sep 2018 05:02

Tgt Ion:128 Resp: 7662

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	12.3	8.6	12.8