Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028747.D
Acq On : 18 Dec 2018 02:46
Operator : MD/SY
Sample : J6413-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 18 07:38:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	79577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	141856	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	64754	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.64%			
35) Dibromofluoromethane	4.88	113	47906	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.32%			
50) Toluene-d8	7.57	98	184653	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.58%			
62) 4-Bromofluorobenzene	10.31	95	59599	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.31	85	91806	86.072	ug/l	99
3) Chloromethane	1.31	50	10182	5.192	ug/l #	43
4) Vinyl Chloride	1.31	62	3385	2.392	ug/l #	1
11) Tert butyl alcohol	2.84	59	1340	4.953	ug/l #	73
15) Acrylonitrile	3.00	53	722	0.961	ug/l #	33
16) Acetone	2.32	43	5564	7.021	ug/l	96
17) Carbon Disulfide	2.48	76	6622	2.075	ug/l	99
18) Methyl Acetate	2.62	43	964	0.469	ug/l #	56
19) Methyl tert-butyl Ether	3.00	73	73537	21.894	ug/l	100
25) 2-Butanone	4.29	43	1074	0.992	ug/l #	52
29) Tetrahydrofuran	4.65	42	3439	4.944	ug/l	92
31) Cyclohexane	4.98	56	2004	Below Cal #		1
36) 1,1-Dichloropropene	4.98	75	6884	4.435	ug/l #	49
37) Ethyl Acetate	4.29	43	1074	0.535	ug/l #	70
38) Carbon Tetrachloride	4.98	117	7785	6.222	ug/l #	15
40) Benzene	5.39	78	2060	0.451	ug/l	96
43) Isopropyl Acetate	5.57	43	1544	0.486	ug/l #	36
51) 4-Methyl-2-Pentanone	7.47	43	480	0.240	ug/l #	37
52) Toluene	7.64	92	2067	0.768	ug/l	99
67) Ethyl Benzene	9.25	91	3295	0.661	ug/l	91
68) m/p-Xylenes	9.37	106	1881	1.037	ug/l	95
69) o-Xylene	9.78	106	1057	0.600	ug/l	92
70) Styrene	9.80	104	1970	0.675	ug/l	95
76) 1,2,3-Trichloropropane	10.30	75	31082	24.321	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.77	105	636	0.200	ug/l	86
81) trans-1,4-Dichloro-2-buten	10.30	75	31082	59.694	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2143	0.654	ug/l	92
85) sec-Butylbenzene	11.15	105	2143	0.544	ug/l #	59
90) Hexachloroethane	12.35	117	291	0.576	ug/l #	11
95) Naphthalene	13.75	128	854	0.210	ug/l #	69

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

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Acq On : 18 Dec 2018 02:46
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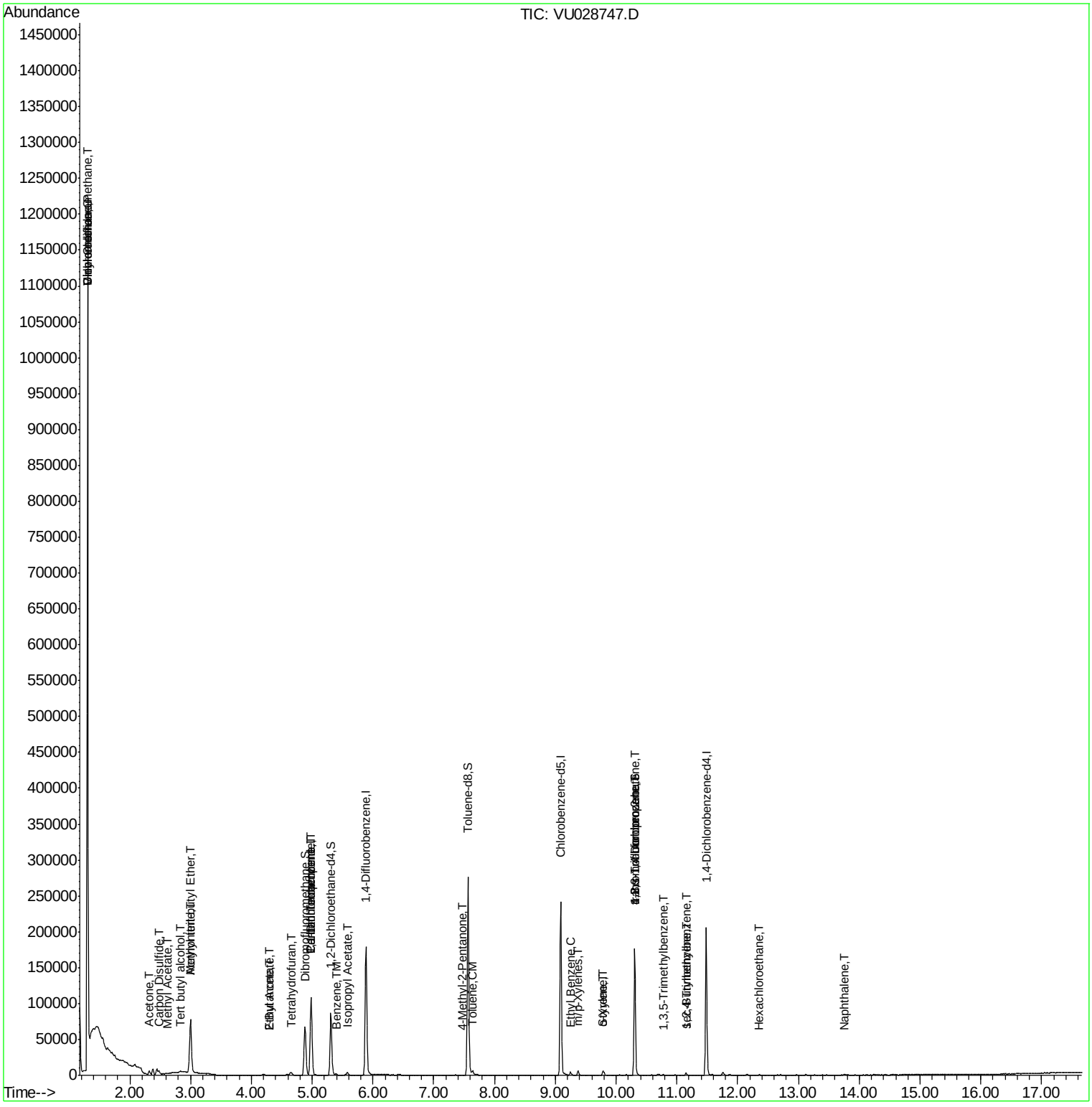
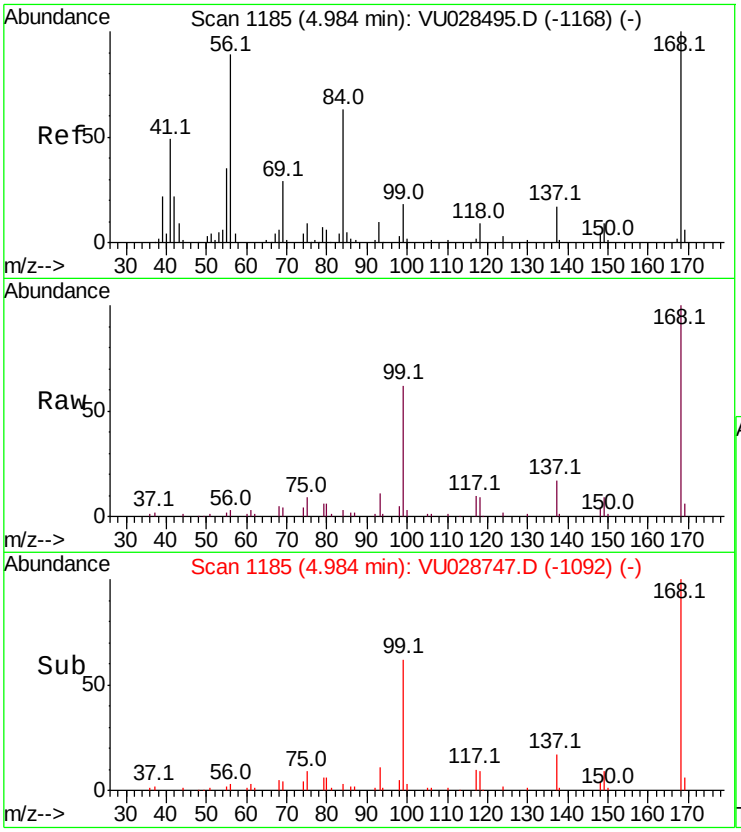
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 18 07:38:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration



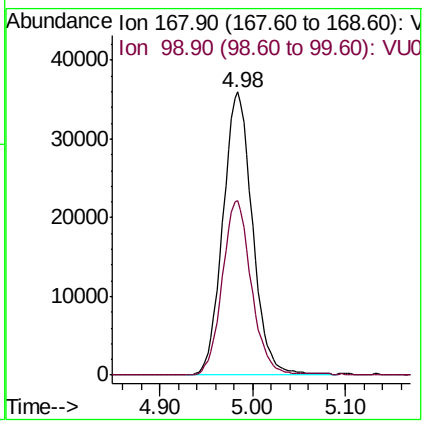


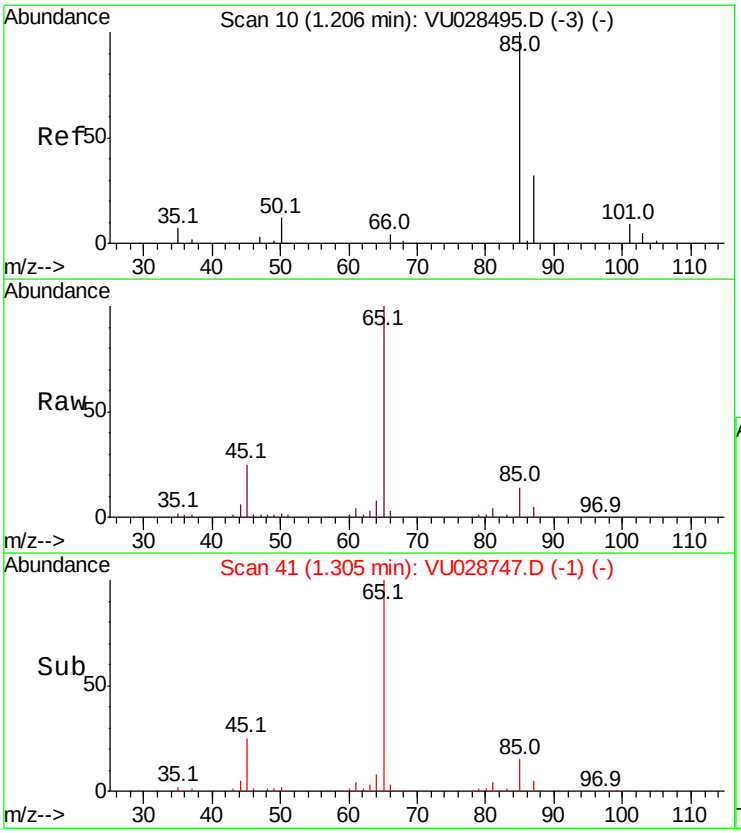
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 79577

Ion	Ratio	Lower	Upper
168	100		
99	61.8	46.6	69.8

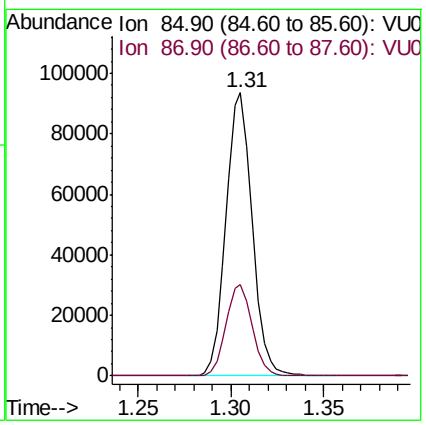


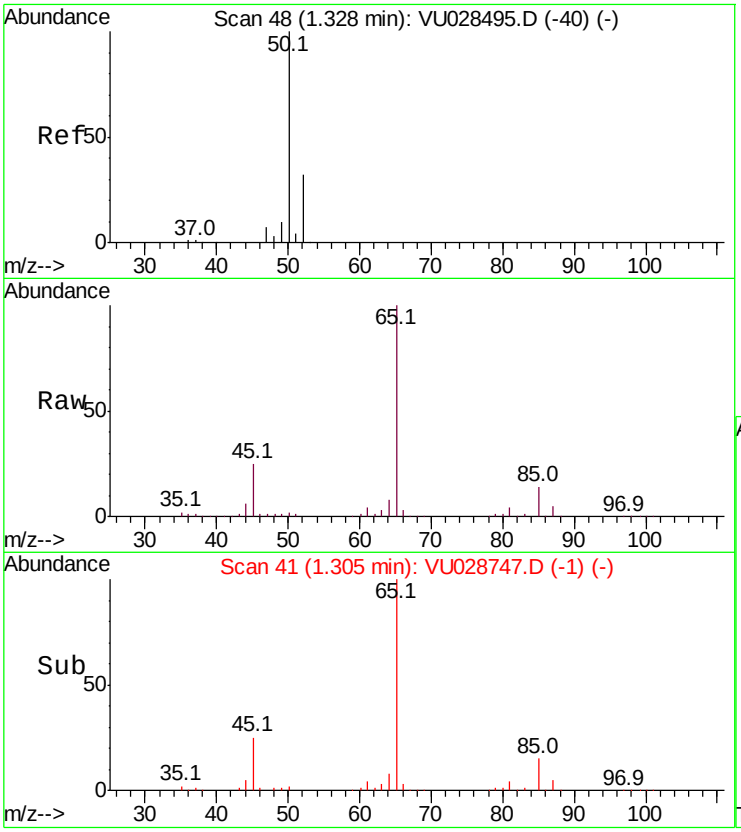


#2
Dichlorodifluoromethane
Concen: 86.072 ug/l
RT: 1.31 min Scan# 41
Delta R.T. 0.10 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 85 Resp: 91806

Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.9	47.6



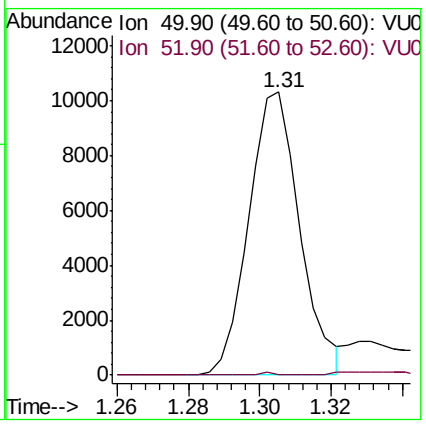


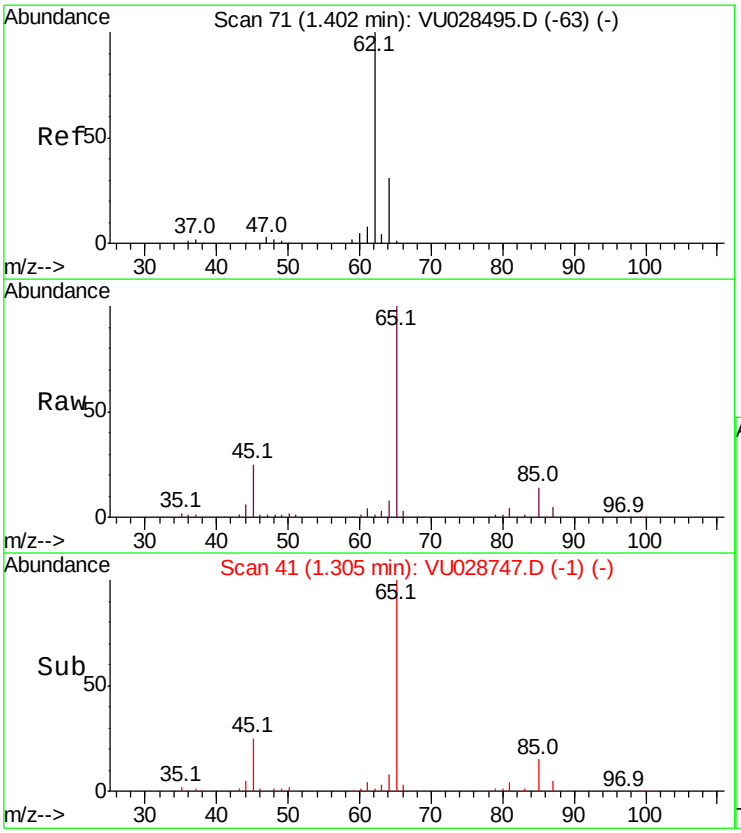
#3
Chloromethane
Concen: 5.192 ug/l
RT: 1.31 min Scan# 41
Delta R.T. -0.02 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 10182

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.5	38.3#

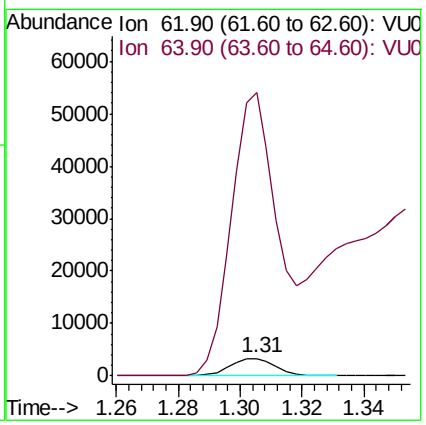


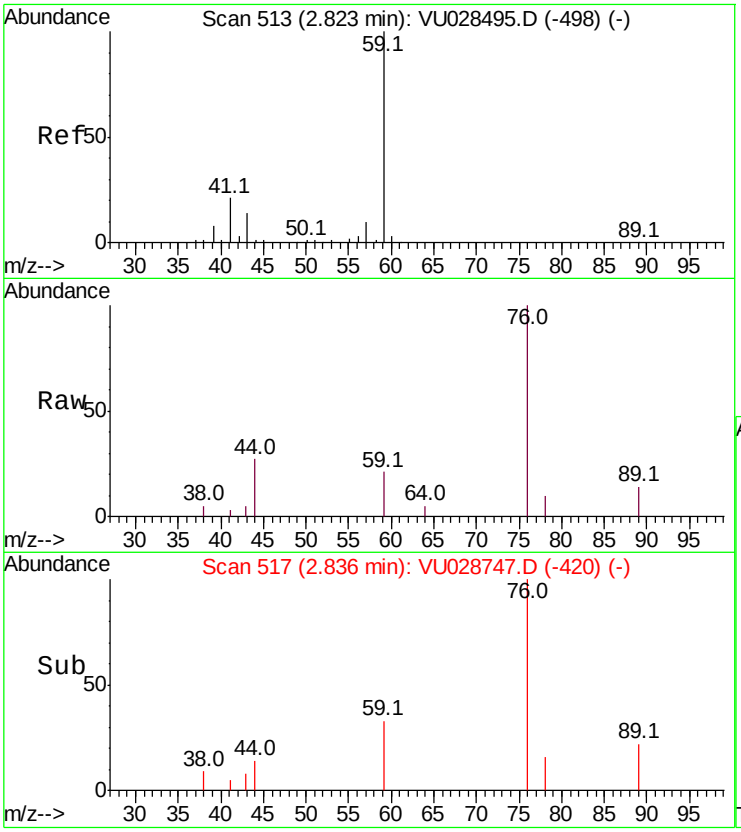


#4
Vinyl Chloride
Concen: 2.392 ug/l
RT: 1.31 min Scan# 41
Delta R.T. -0.10 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 62 Resp: 3385

Ion	Ratio	Lower	Upper
62	100		
64	1592.3	25.1	37.7#



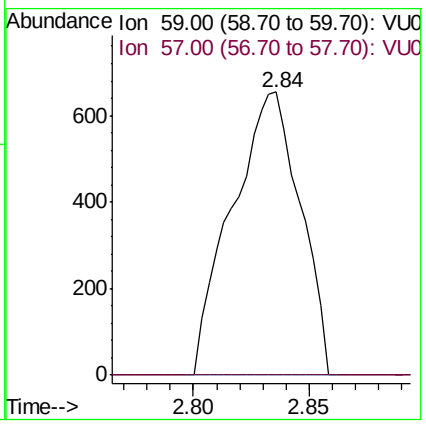


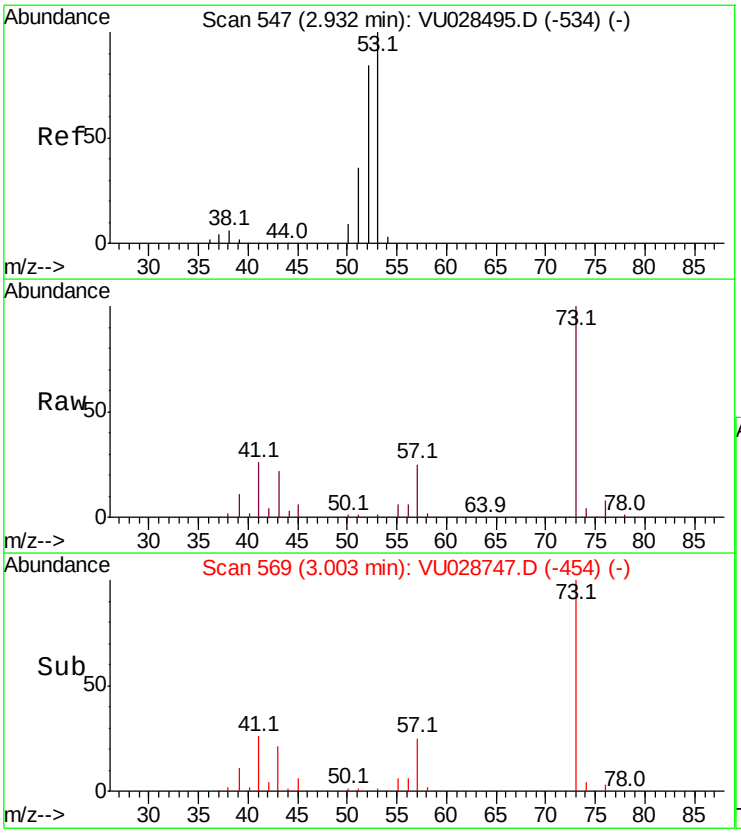
#11
Tert butyl alcohol
Concen: 4.953 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 59 Resp: 1340

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

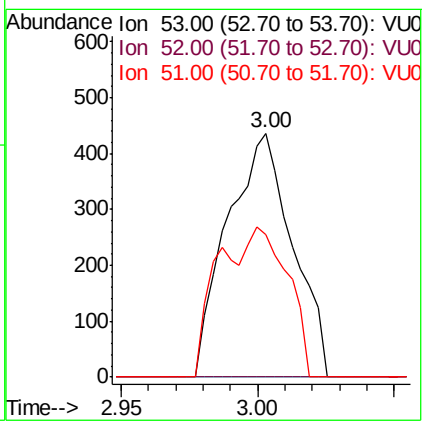


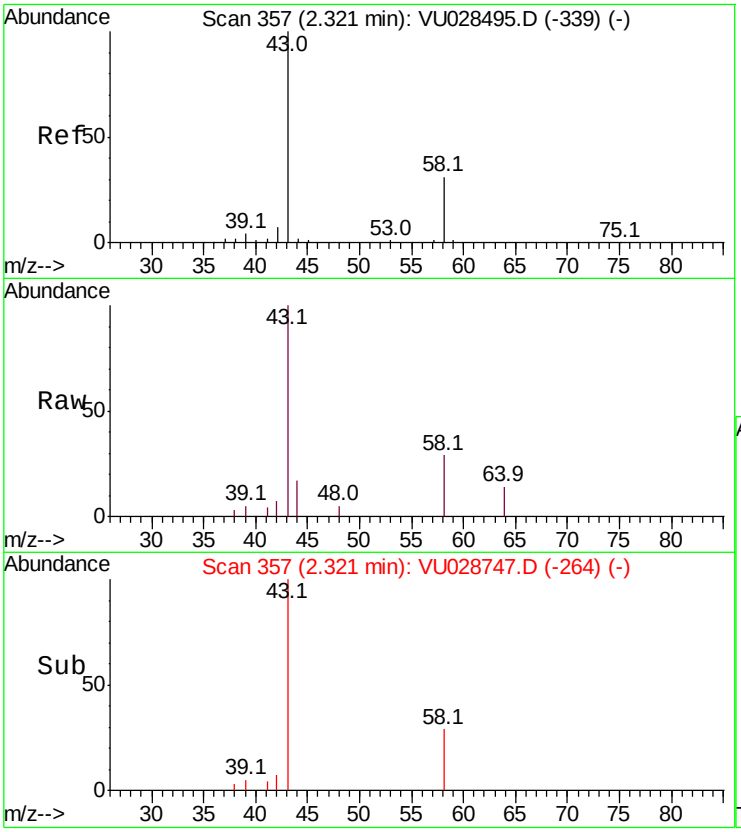


#15
Acrylonitrile
Concen: 0.961 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.07 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 53 Resp: 722

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.1	99.1#
51	39.3	28.1	42.1



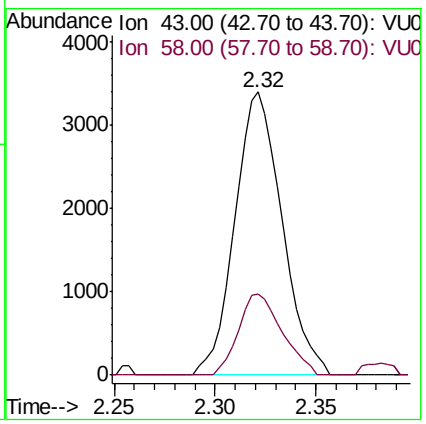


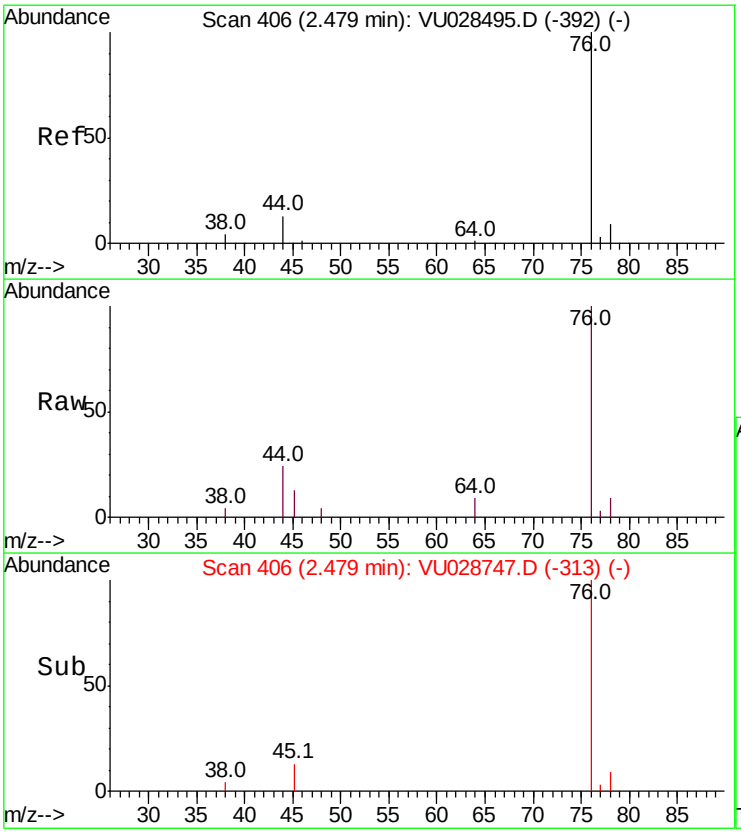
#16
Acetone
Concen: 7.021 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 5564

Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.6	37.0

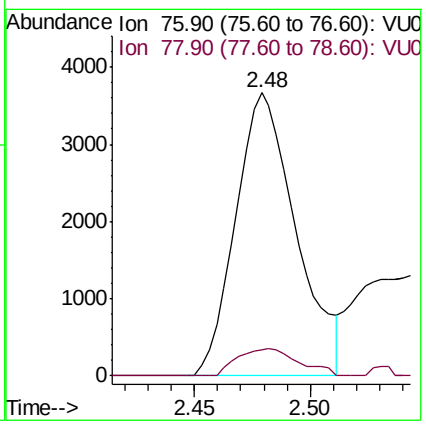


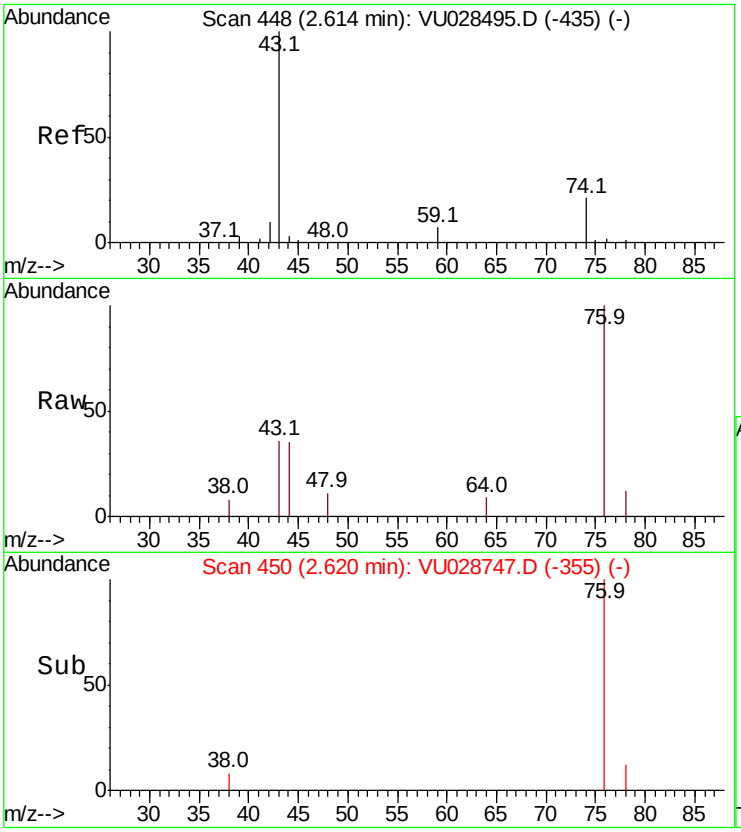


#17
Carbon Disulfide
Concen: 2.075 ug/l
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 76 Resp: 6622

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8



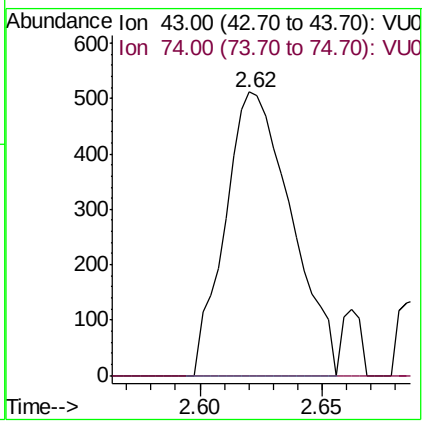


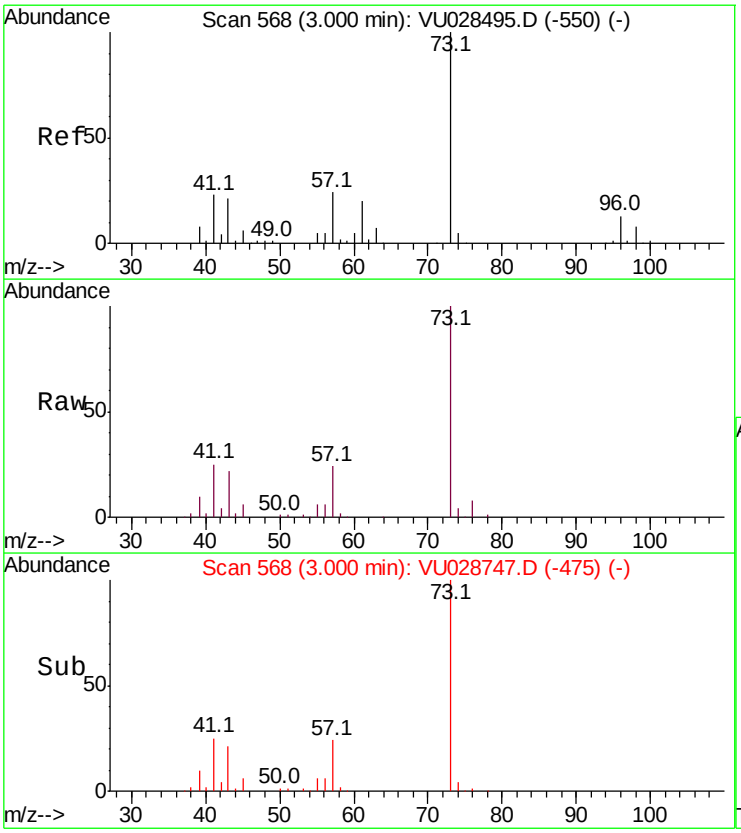
#18
Methyl Acetate
Concen: 0.469 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 964

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.4	24.6#

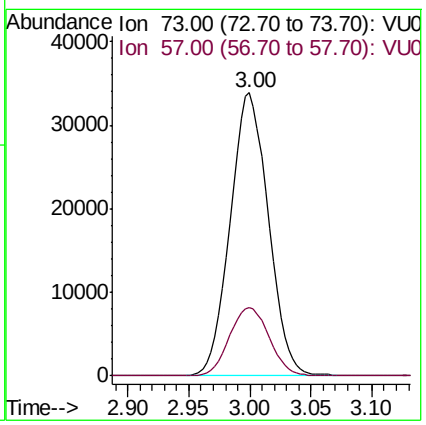


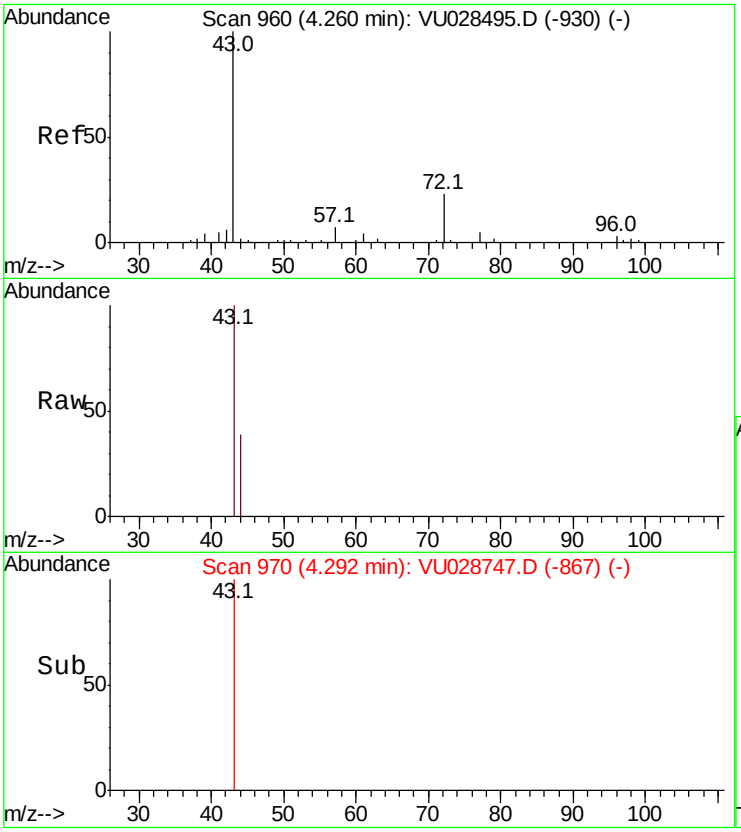


#19
Methyl tert-butyl Ether
Concen: 21.894 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 73 Resp: 73537

Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.4	29.2



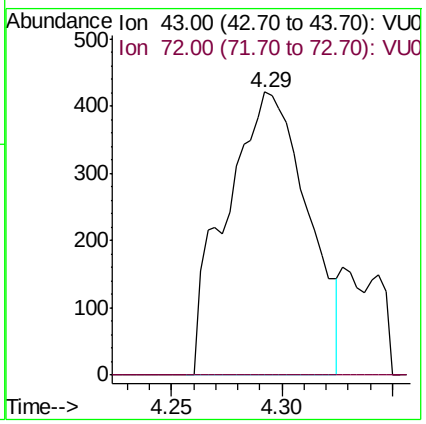


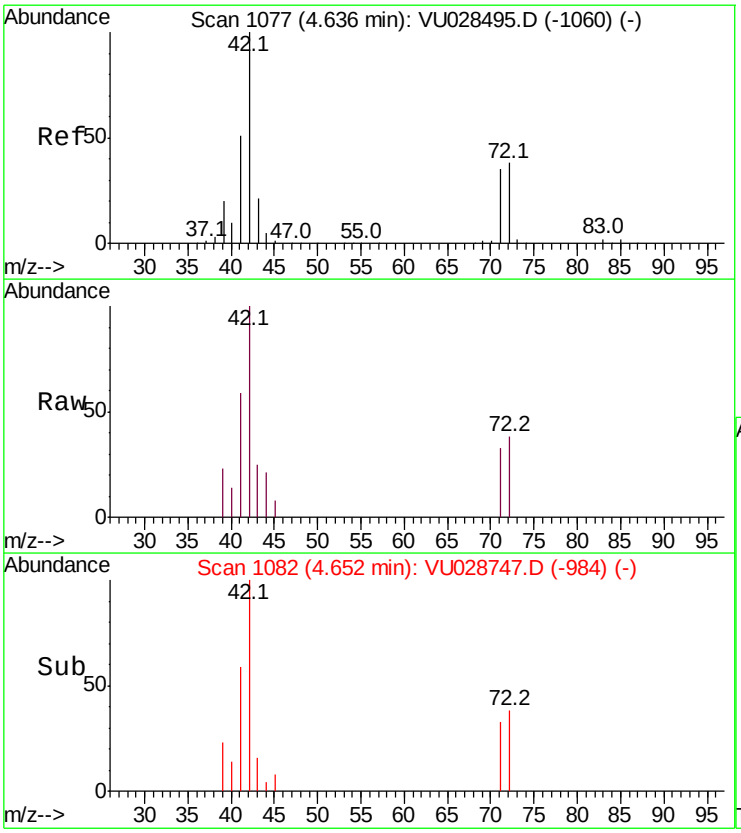
#25
2-Butanone
Concen: 0.992 ug/l
RT: 4.29 min Scan# 970
Delta R.T. 0.03 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	28.0#

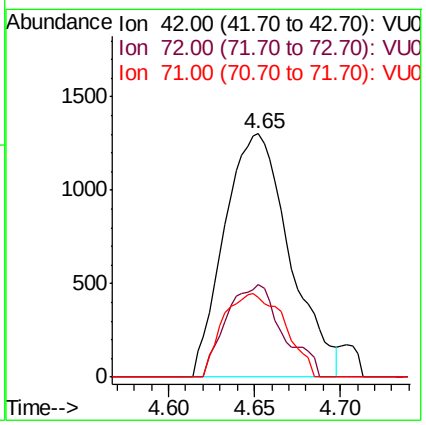


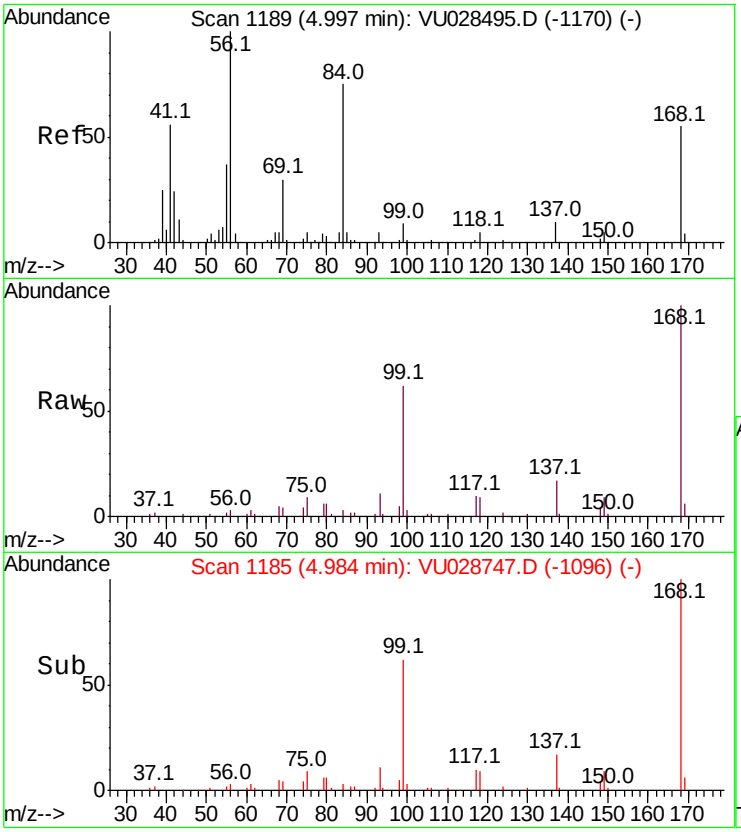


#29
Tetrahydrofuran
Concen: 4.944 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 42 Resp: 3439

Ion	Ratio	Lower	Upper
42	100		
72	32.7	31.4	47.0
71	32.3	28.6	43.0



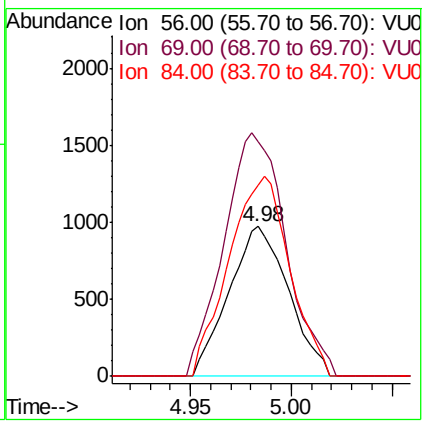


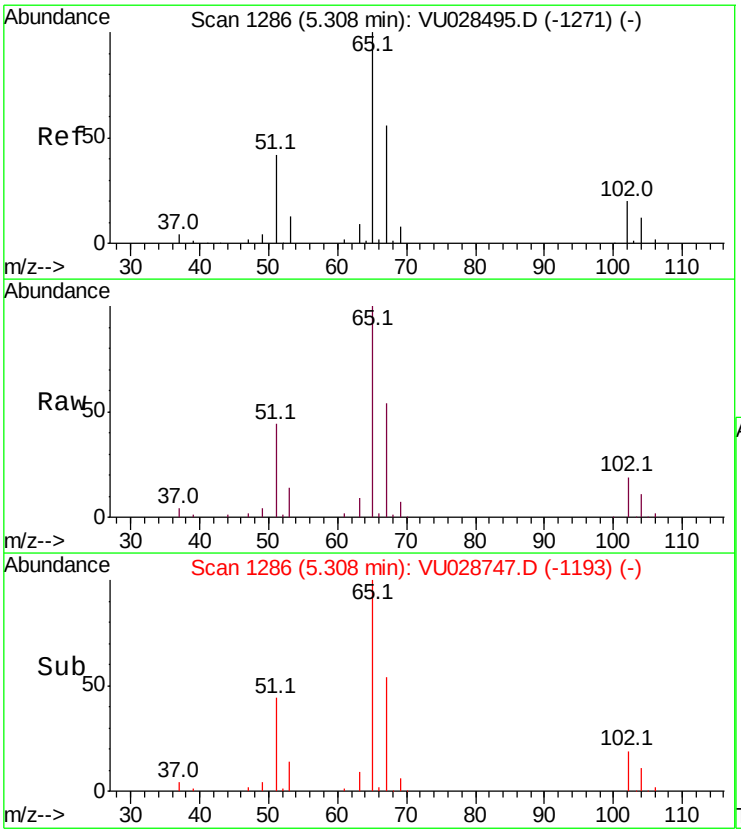
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 2004

Ion	Ratio	Lower	Upper
56	100		
69	156.9	24.0	36.0#
84	127.1	59.7	89.5#

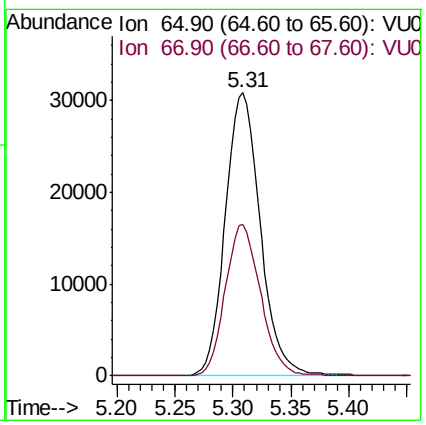


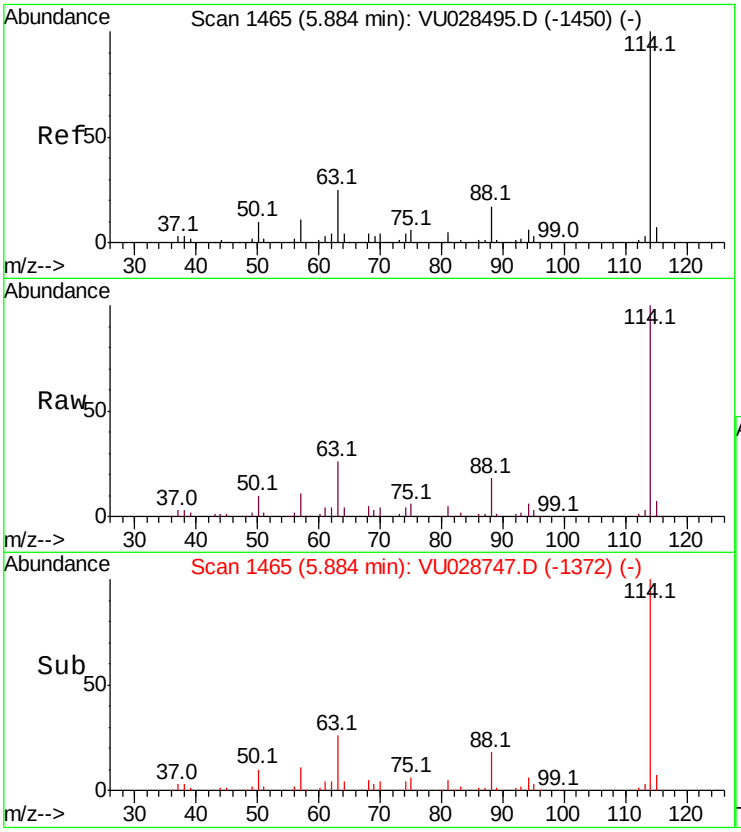


#33
1,2-Dichloroethane-d4
Concen: 53.322 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 65 Resp: 64754

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.6



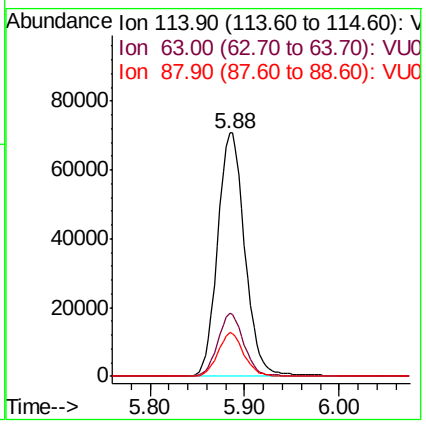


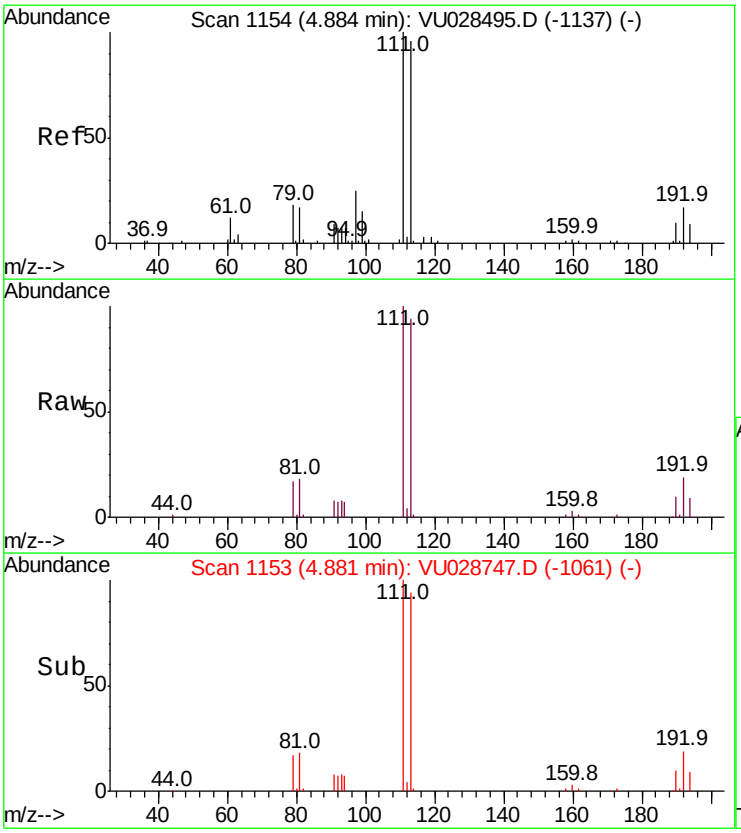
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:114 Resp: 141856

Ion	Ratio	Lower	Upper
114	100		
63	25.8	0.0	49.2
88	17.9	0.0	33.4

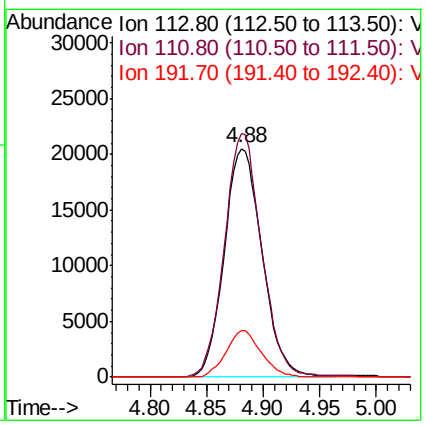


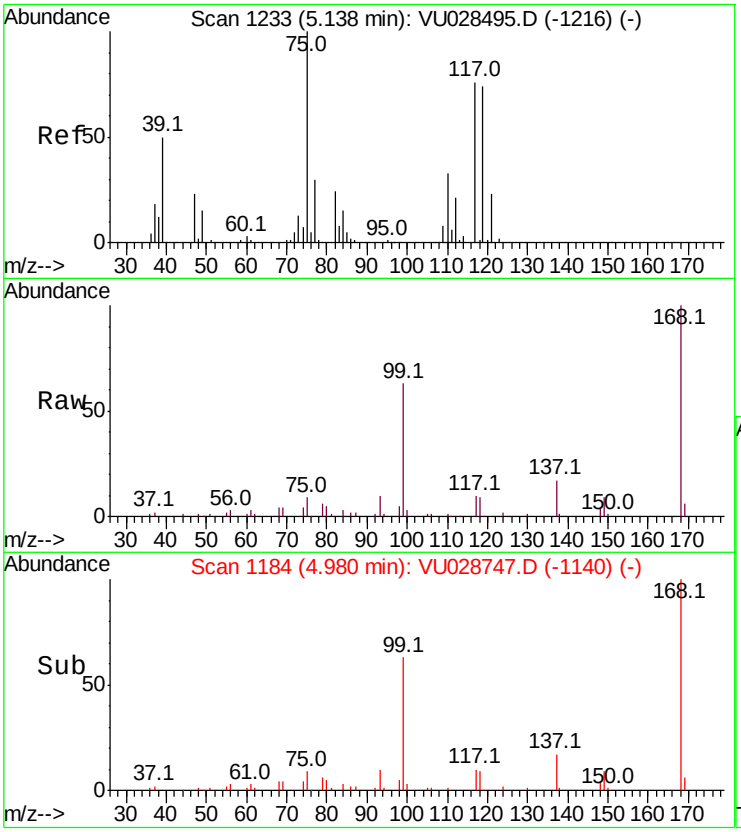


#35
Dibromofluoromethane
Concen: 53.664 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion:113 Resp: 47906

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.0
192	18.9	14.8	22.2



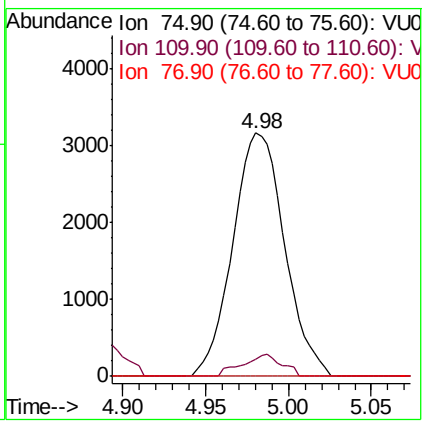


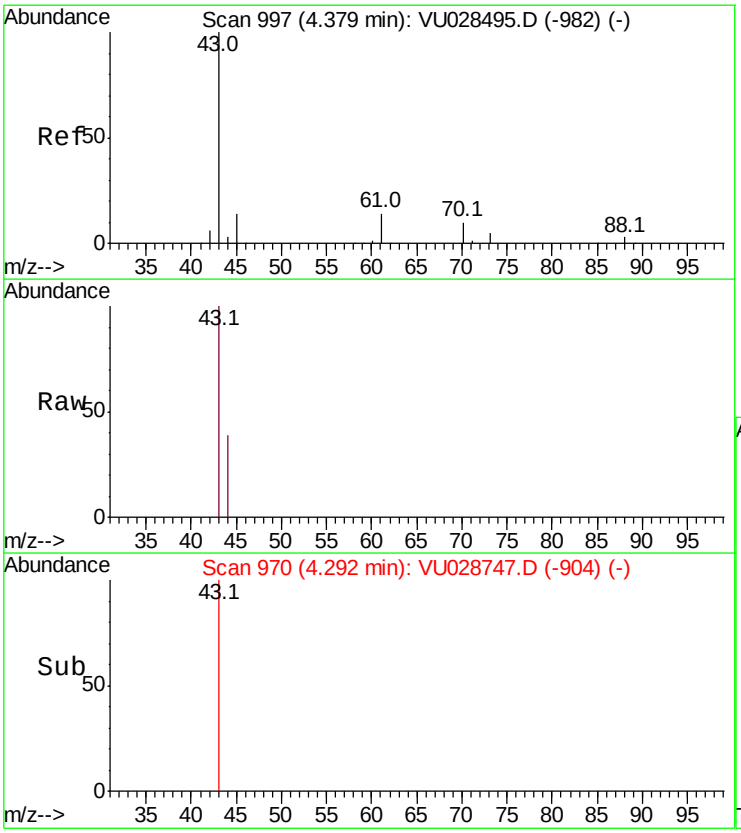
#36
1,1-Dichloropropene
Concen: 4.435 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6884

Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.1	48.2#
77	0.0	24.5	36.7#

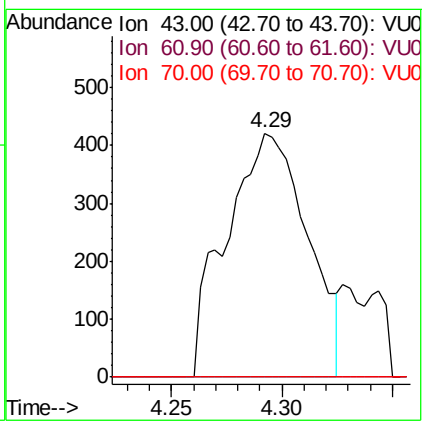


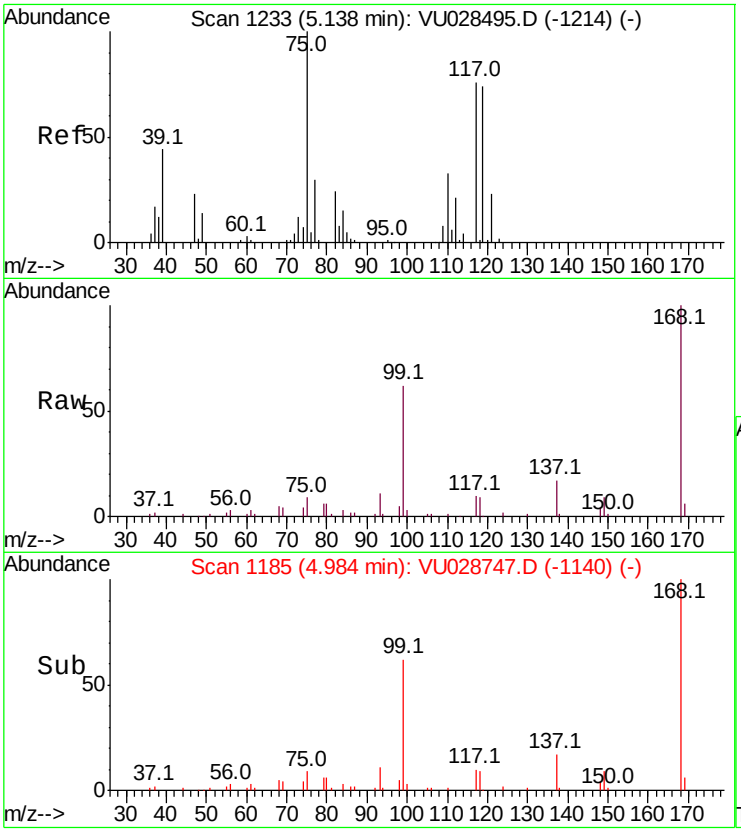


#37
Ethyl Acetate
Concen: 0.535 ug/l
RT: 4.29 min Scan# 970
Delta R.T. -0.09 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	7.4	11.0#



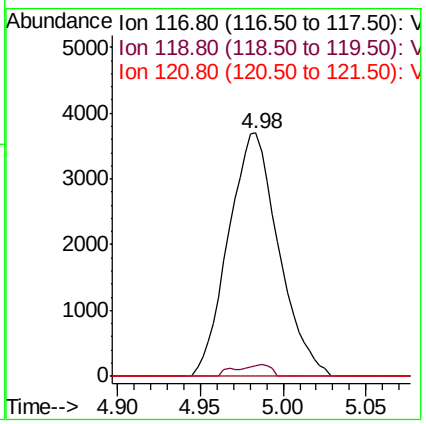


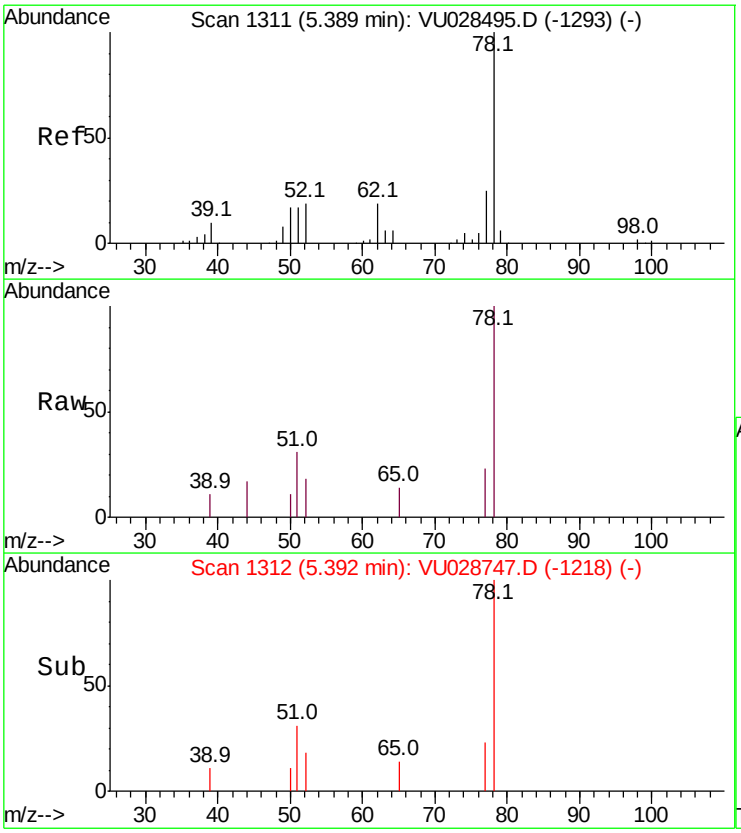
#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 7785

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.6	116.4#
121	0.0	24.6	36.8#

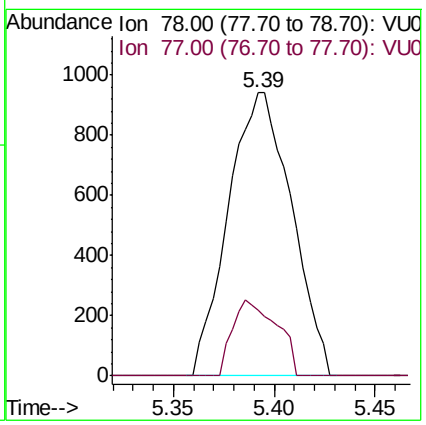


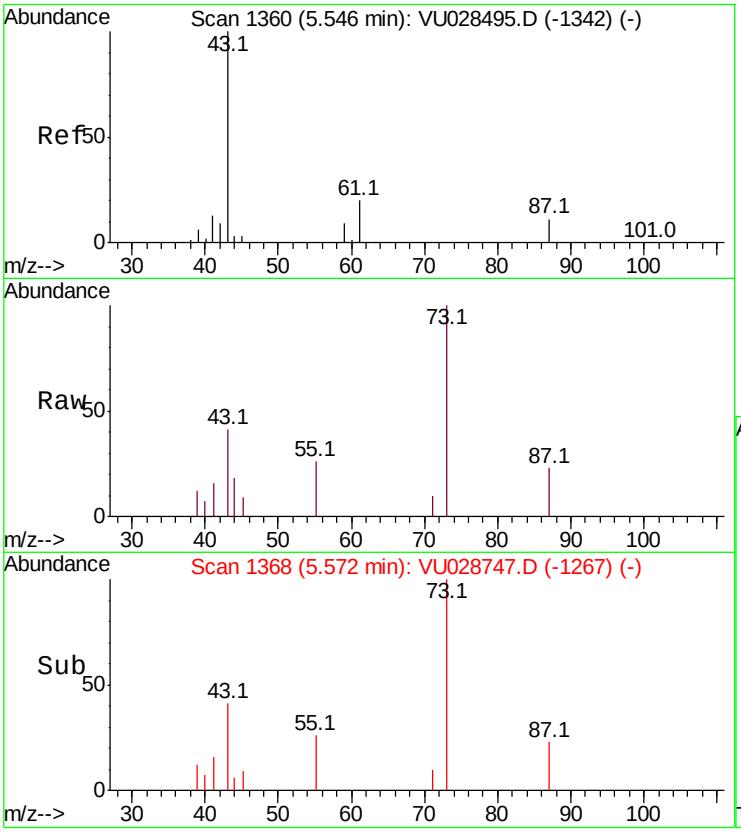


#40
Benzene
Concen: 0.451 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 78 Resp: 2060

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.9	29.9



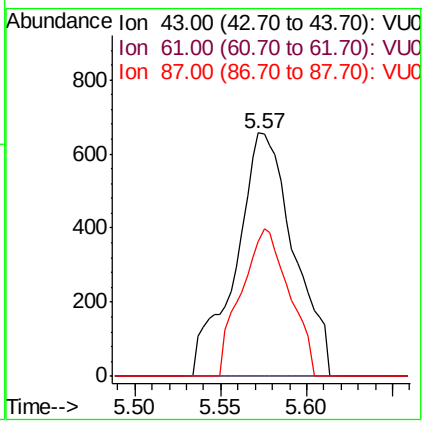


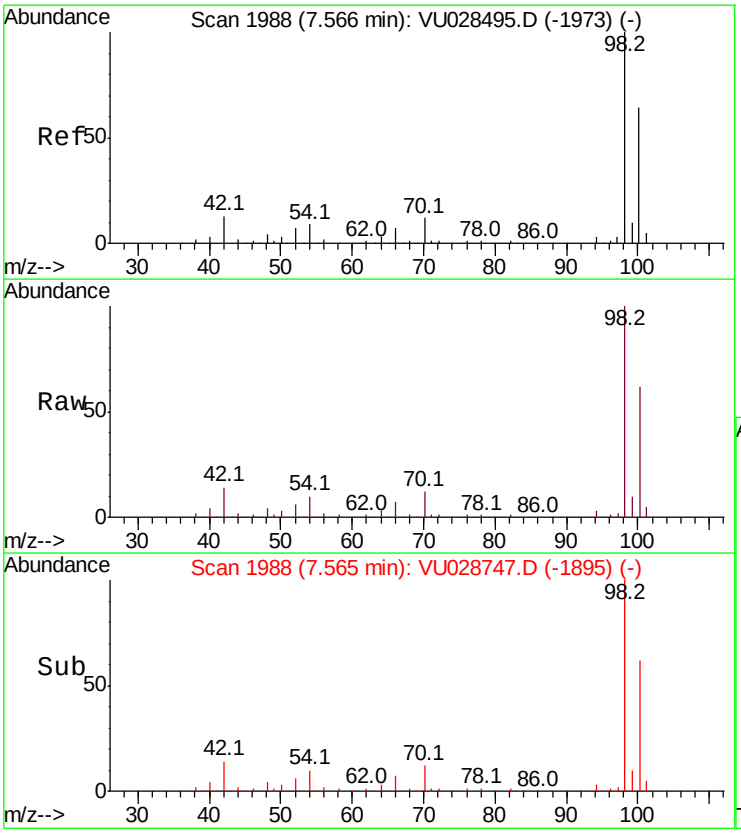
#43
Isopropyl Acetate
Concen: 0.486 ug/l
RT: 5.57 min Scan# 1368
Delta R.T. 0.03 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1544

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.5	23.3#
87	49.6	8.7	13.1#

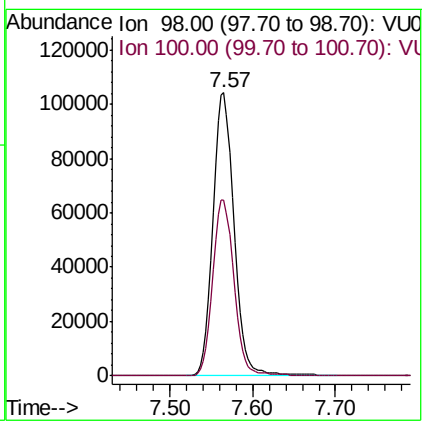


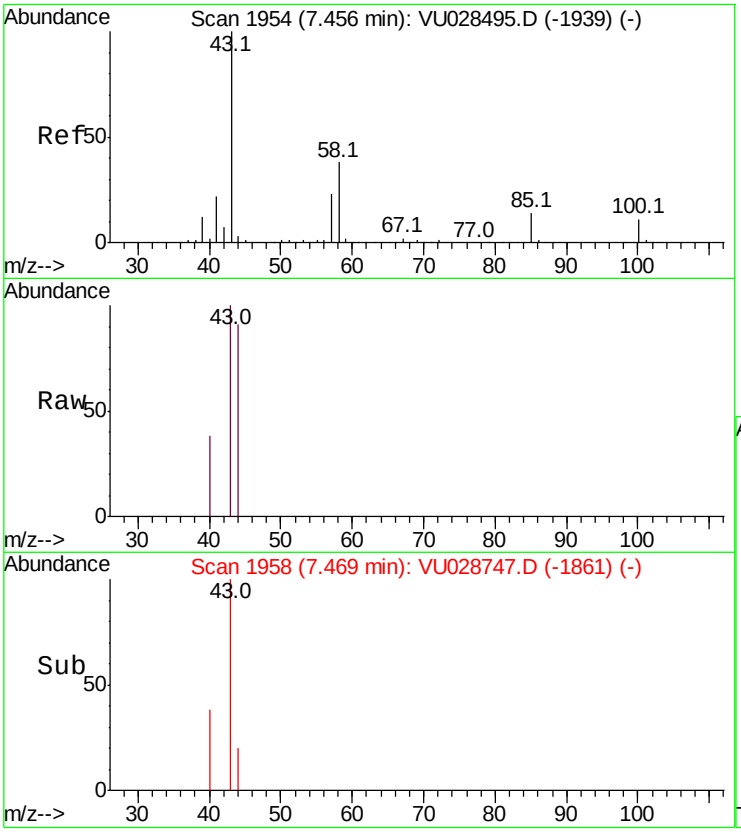


#50
Toluene-d8
Concen: 52.289 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 98 Resp: 184653

Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.0	76.6



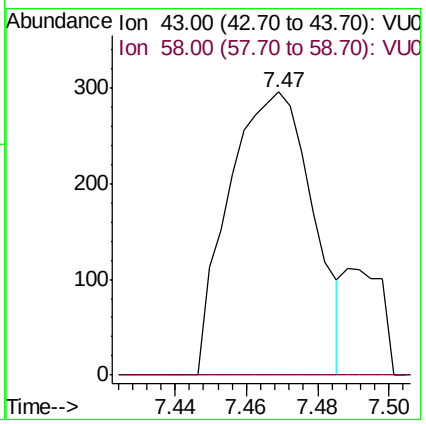


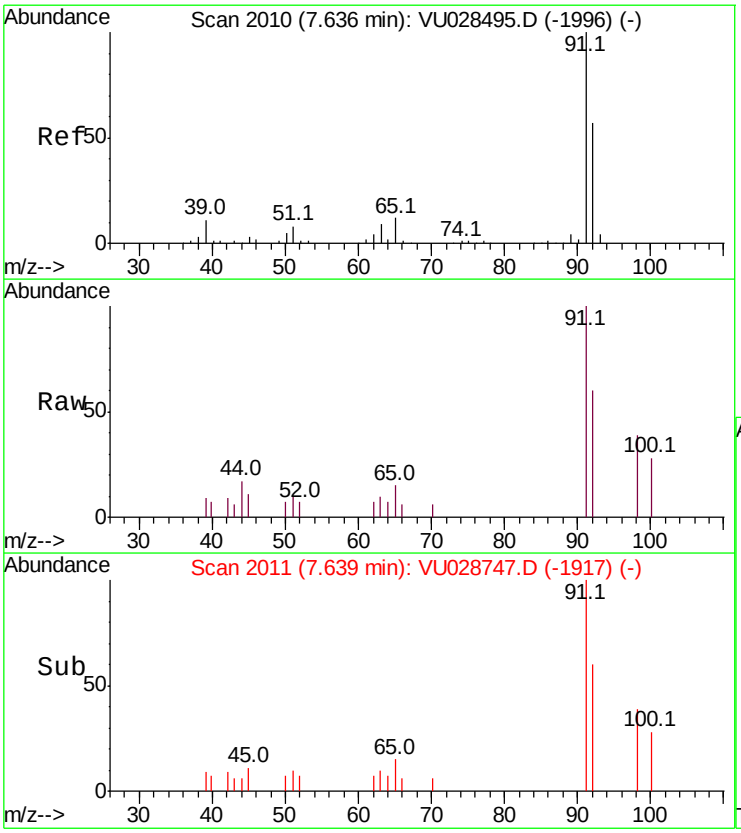
#51
4-Methyl-2-Pentanone
Concen: 0.240 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 480

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.2	45.2#

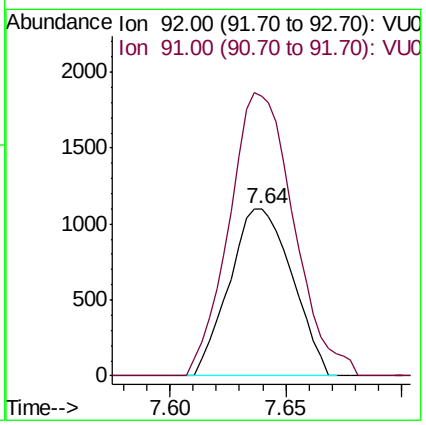


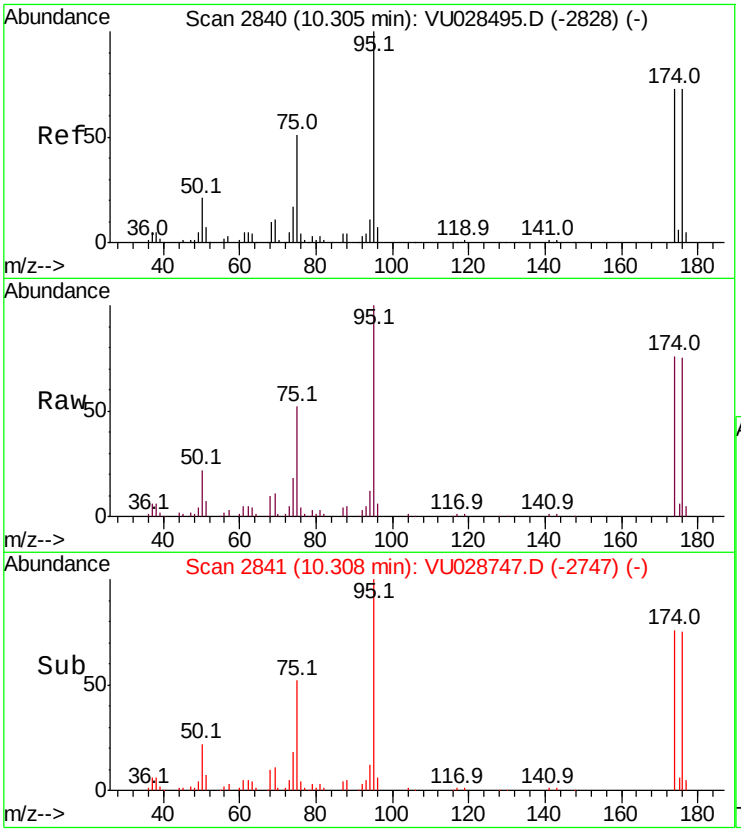


#52
Toluene
Concen: 0.768 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 92 Resp: 2067

Ion	Ratio	Lower	Upper
92	100		
91	174.6	140.2	210.4



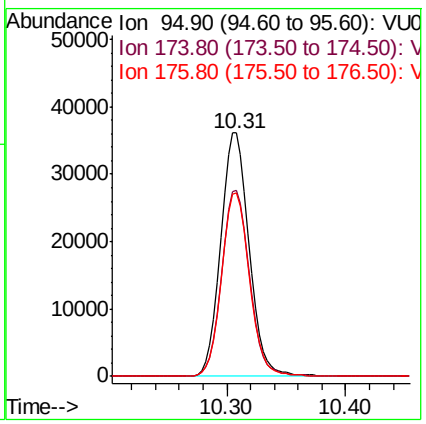


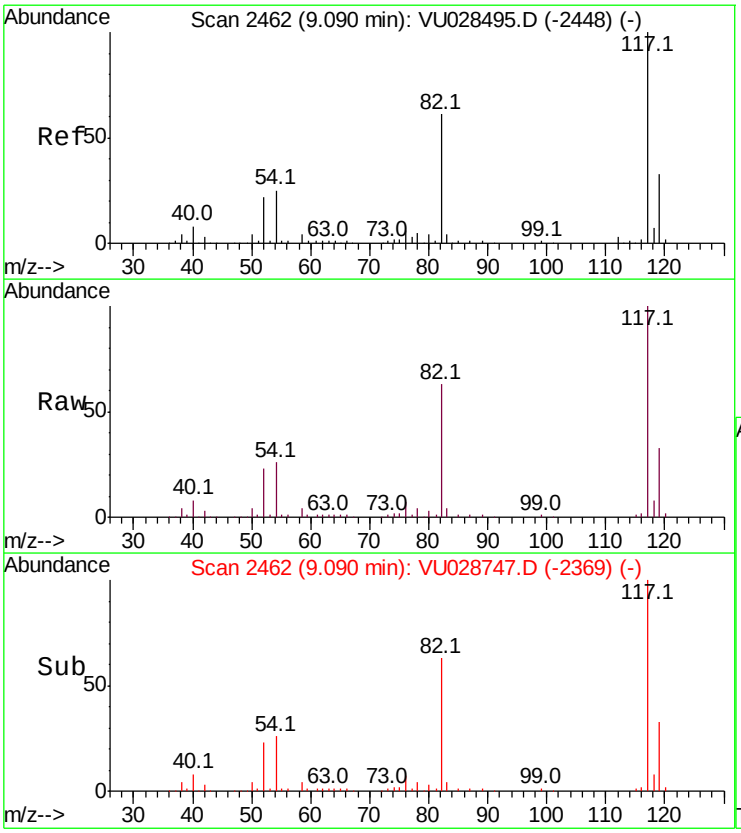
#62
4-Bromofluorobenzene
Concen: 45.154 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 59599

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	150.4
176	74.2	0.0	145.2

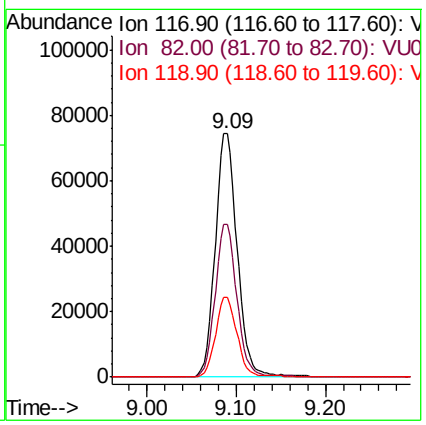


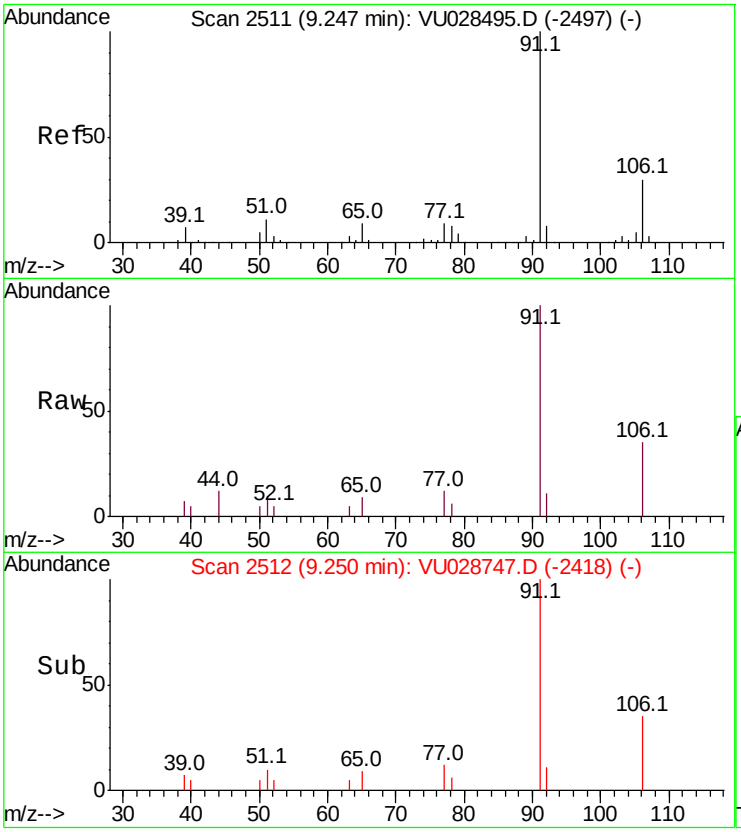


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion:117 Resp: 127228

Ion	Ratio	Lower	Upper
117	100		
82	62.8	48.9	73.3
119	32.5	26.2	39.4



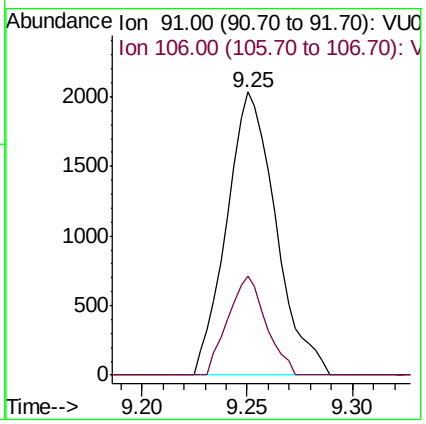


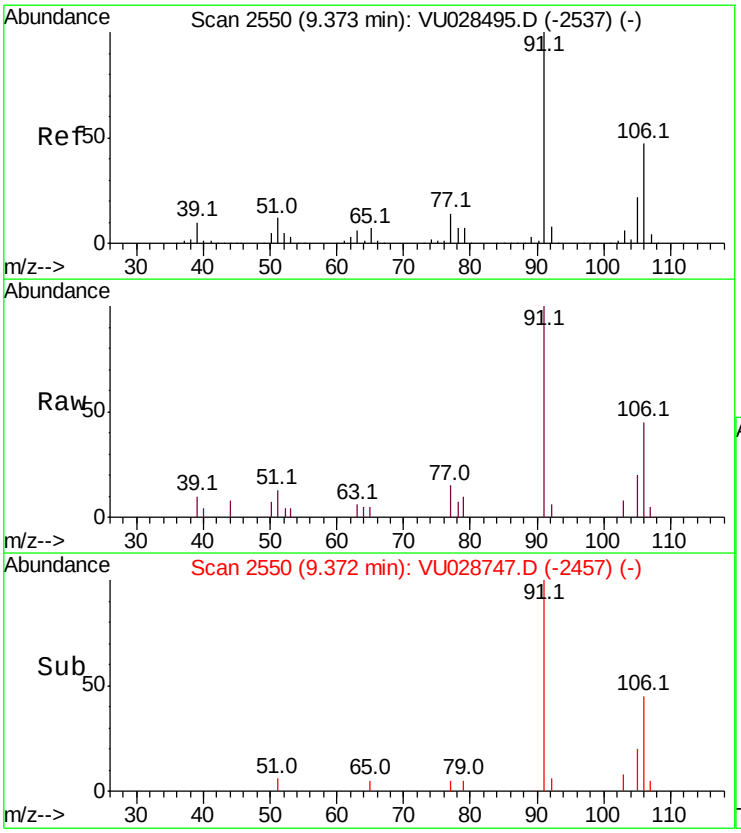
#67
Ethyl Benzene
Concen: 0.661 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 3295

Ion	Ratio	Lower	Upper
91	100		
106	35.0	24.1	36.1

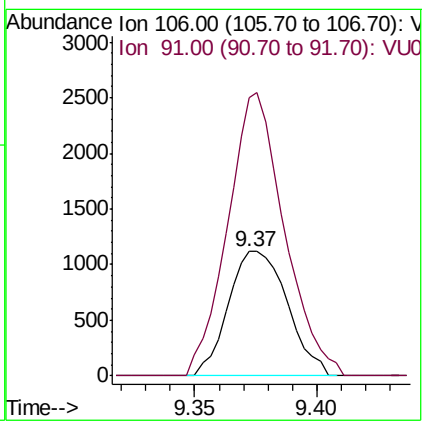


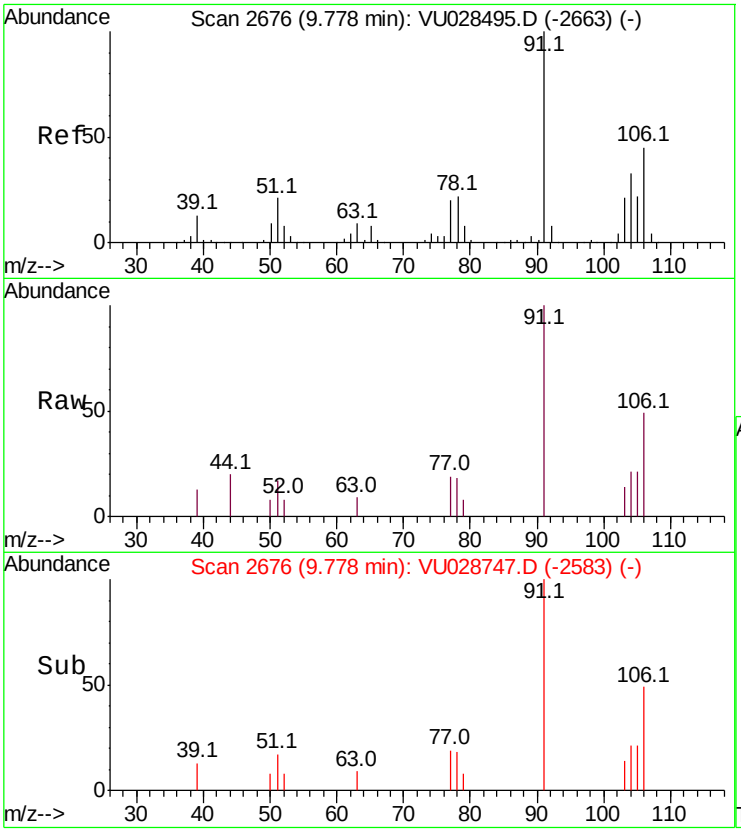


#68
m/p-Xylenes
Concen: 1.037 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion:106 Resp: 1881

Ion	Ratio	Lower	Upper
106	100		
91	217.3	167.4	251.0



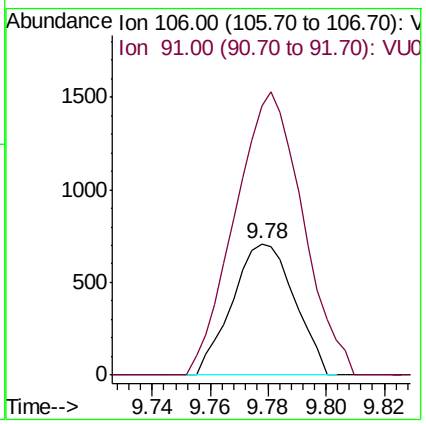


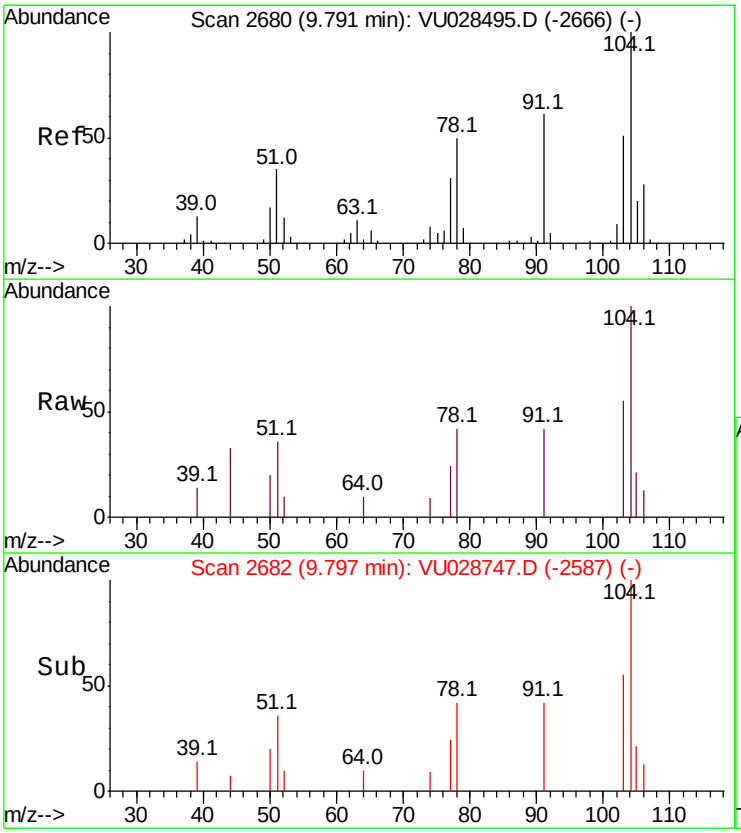
#69
o-Xylene
Concen: 0.600 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1057

Ion	Ratio	Lower	Upper
106	100		
91	234.9	111.3	334.0

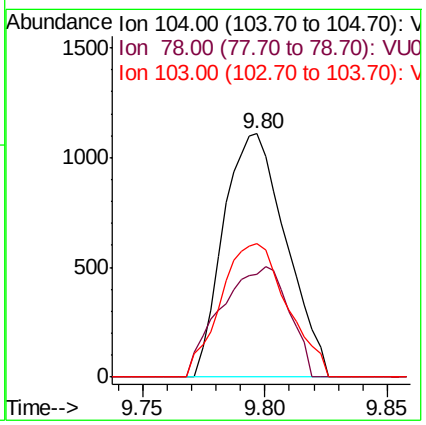


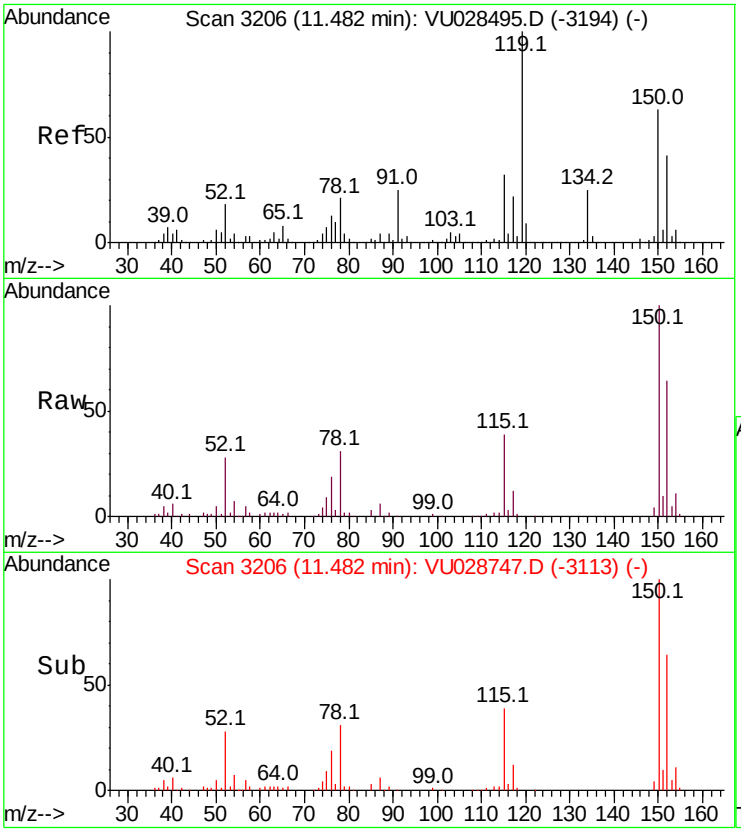


#70
Styrene
Concen: 0.675 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.01 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion:104 Resp: 1970

Ion	Ratio	Lower	Upper
104	100		
78	49.4	43.0	64.6
103	58.3	44.2	66.4



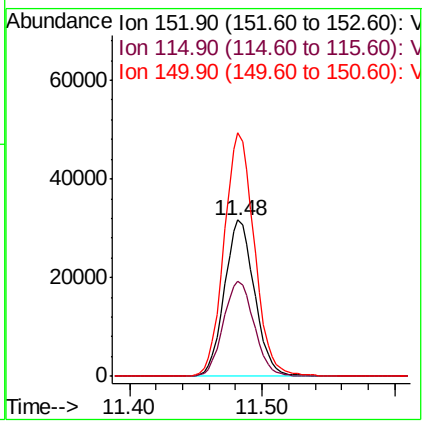


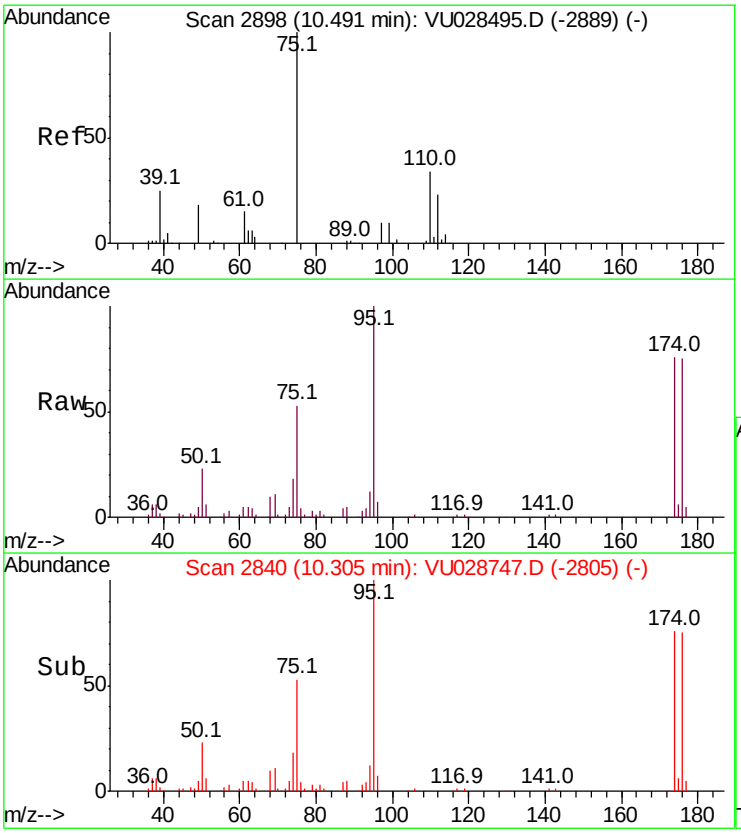
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 50049

Ion	Ratio	Lower	Upper
152	100		
115	62.0	42.7	128.1
150	156.4	0.0	346.0

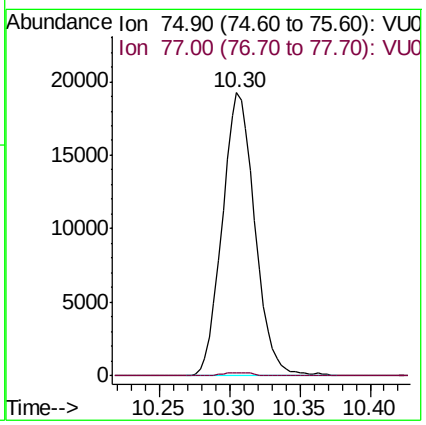


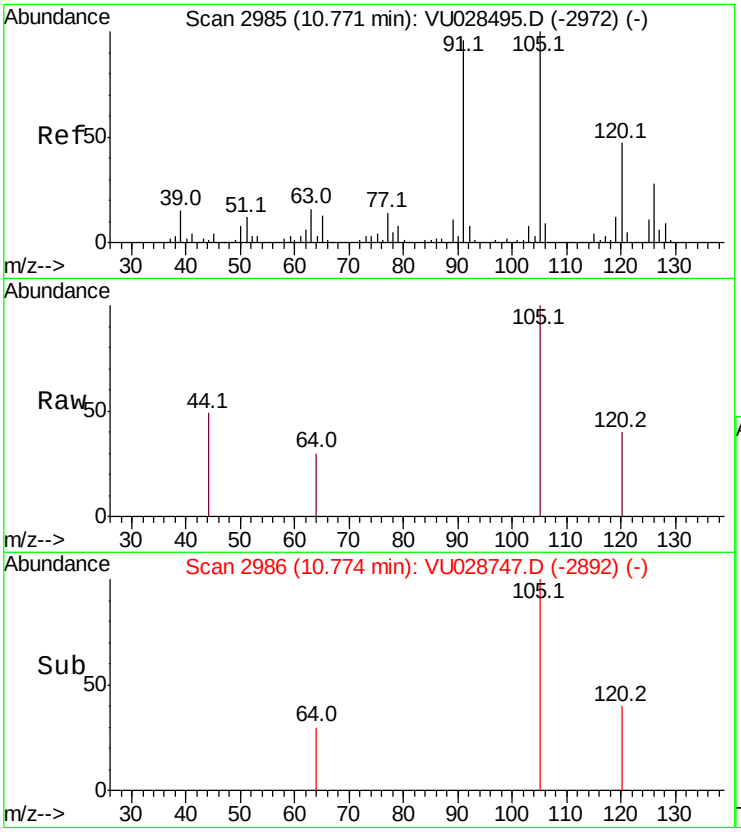


#76
1,2,3-Trichloropropane
Concen: 24.321 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 75 Resp: 31082

Ion	Ratio	Lower	Upper
75	100		
77	0.7	20.8	62.4#



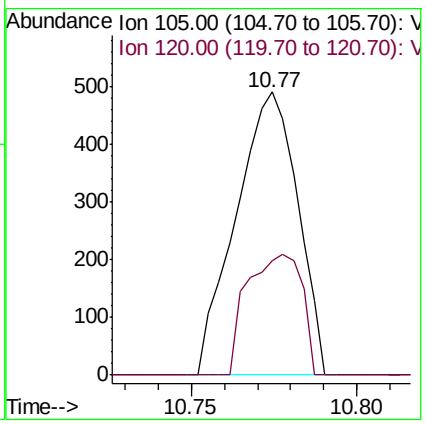


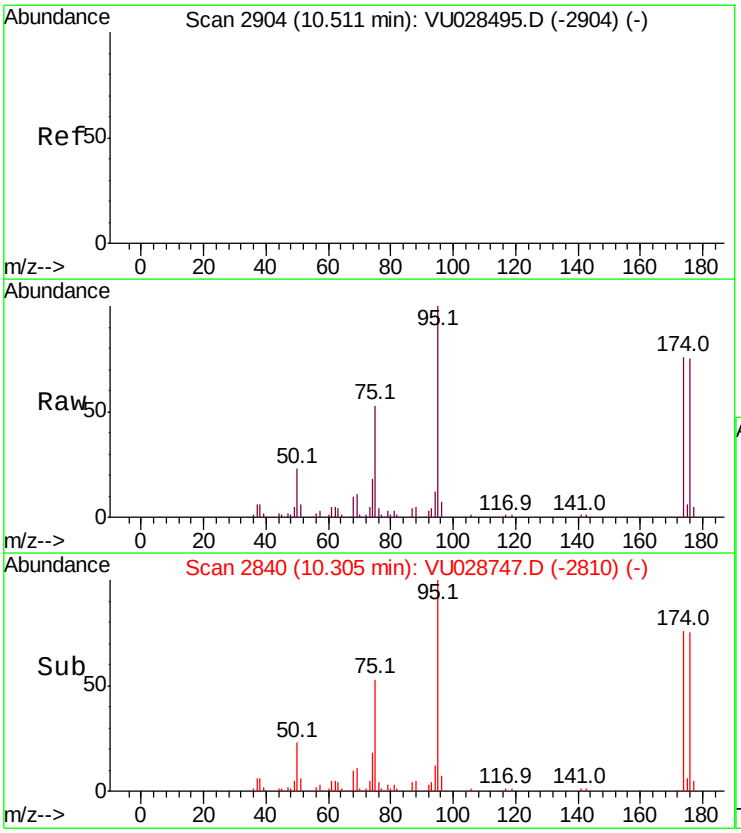
#80
1,3,5-Trimethylbenzene
Concen: 0.200 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 636

Ion	Ratio	Lower	Upper
105	100		
120	37.7	23.7	71.1

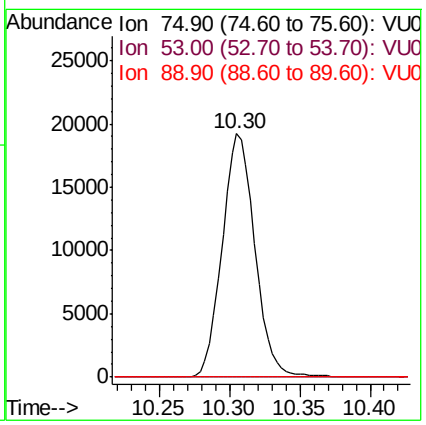


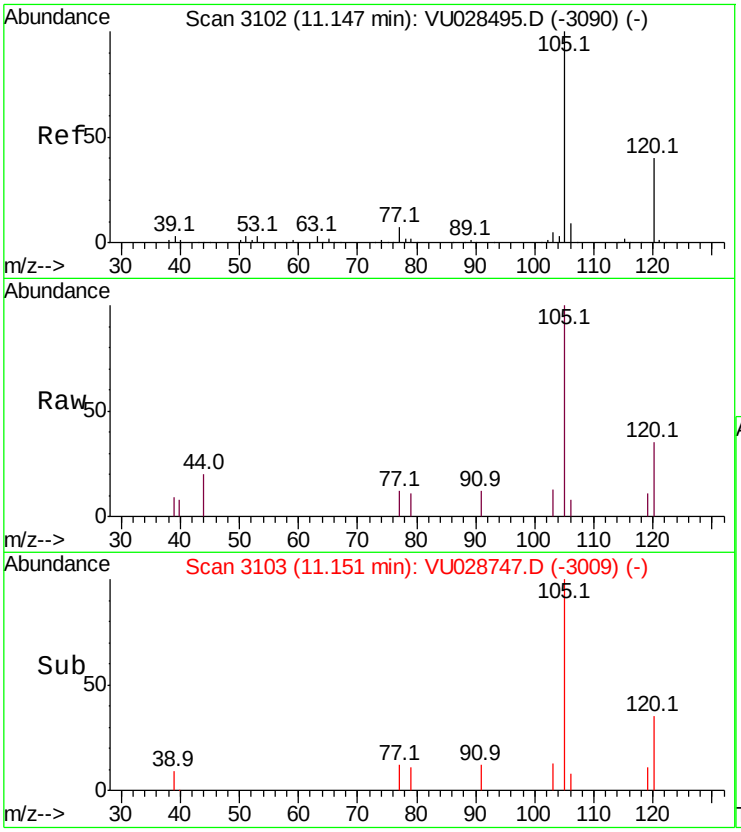


#81
trans-1,4-Dichloro-2-butene
Concen: 59.694 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 75 Resp: 31082

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



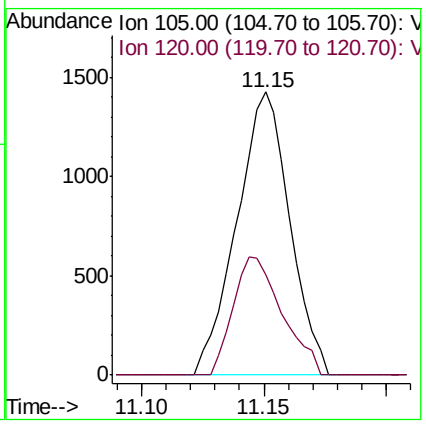


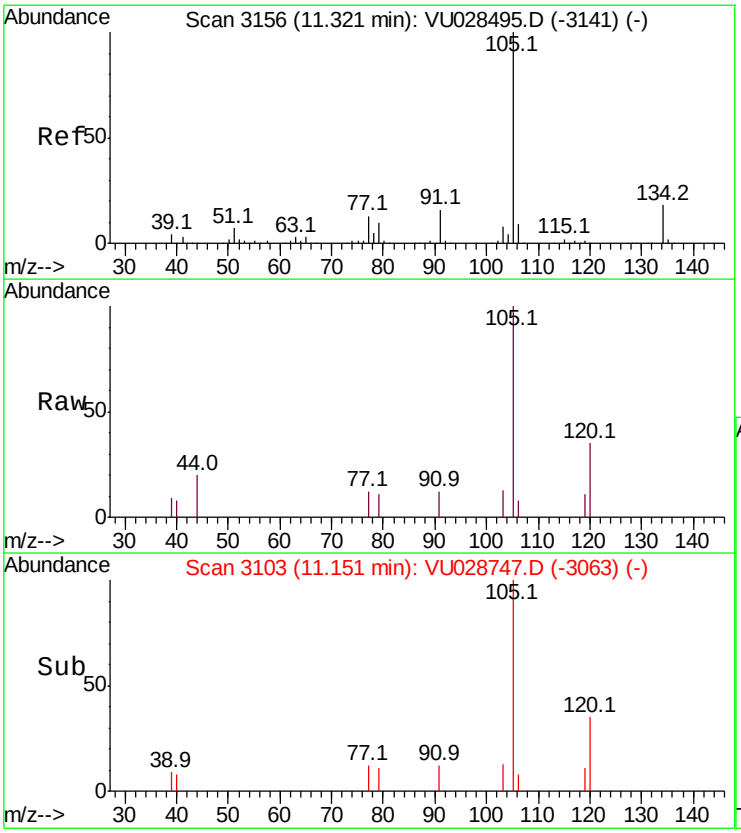
#84
1,2,4-Trimethylbenzene
Concen: 0.654 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 2143

Ion	Ratio	Lower	Upper
105	100		
120	38.7	21.8	65.4

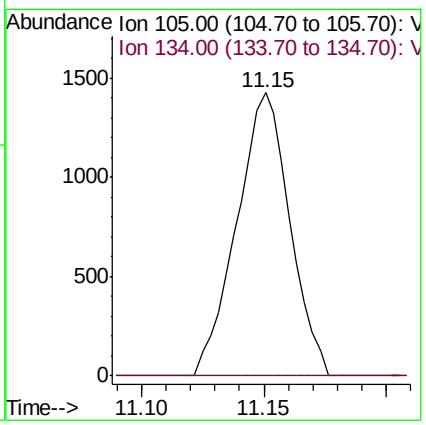


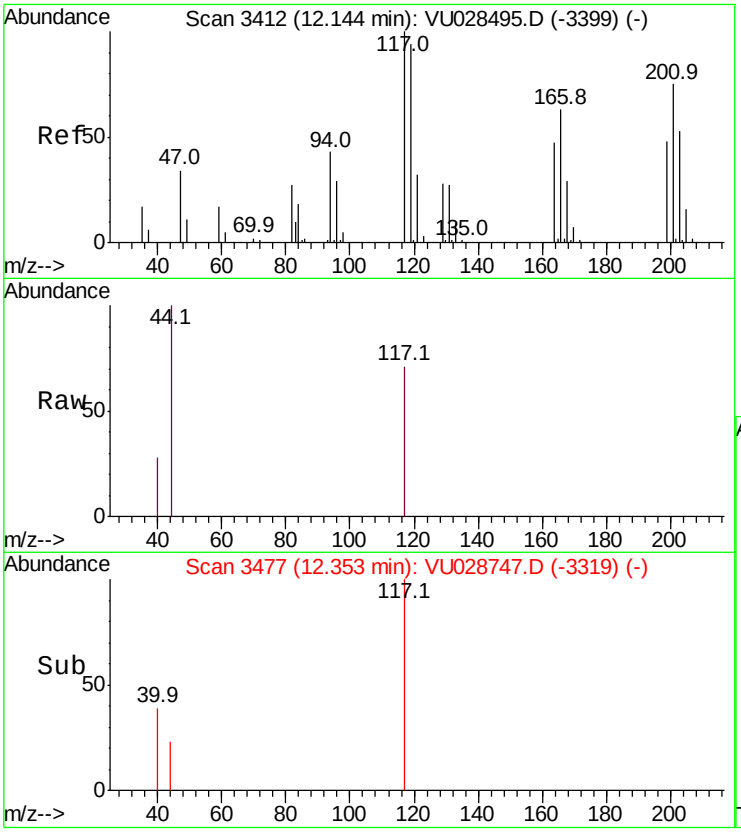


#85
sec-Butylbenzene
Concen: 0.544 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.17 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion:105 Resp: 2143

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.2	27.6#



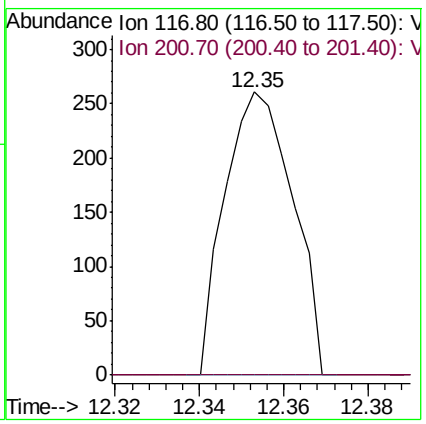


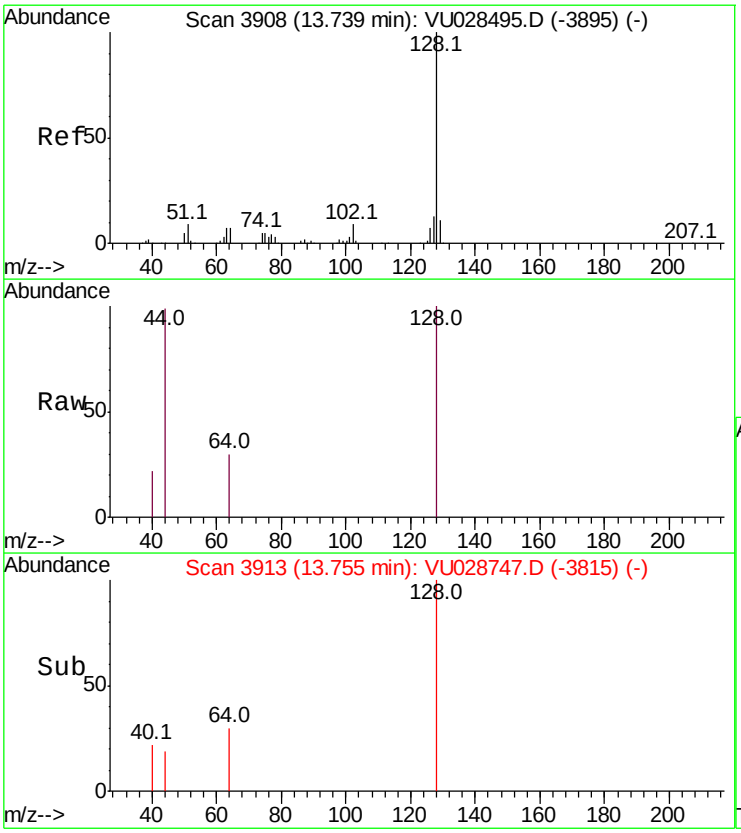
#90
Hexachloroethane
Concen: 0.576 ug/l
RT: 12.35 min Scan# 3477
Delta R.T. 0.21 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 291

Ion	Ratio	Lower	Upper
117	100		
201	0.0	38.1	114.5#





#95
Naphthalene
Concen: 0.210 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.02 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion:128 Resp: 854

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#