Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121118\
Data File : VU028582.D
Acq On : 11 Dec 2018 04:28
Operator : MD/SY
Sample : J6305-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Quant Time: Dec 11 07:10:12 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	79178	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.88	114	148108	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	134265	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54870	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	69272	57.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.66%				
35) Dibromofluoromethane	4.88	113	49418	53.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.04%				
50) Toluene-d8	7.56	98	190352	51.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.26%				
62) 4-Bromofluorobenzene	10.31	95	64718	46.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.92%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	1400	0.718	ug/l		93
7) Trichlorofluoromethane	1.88	101	9908	6.688	ug/l		99
11) Tert butyl alcohol	2.83	59	1694	6.293	ug/l	#	73
13) Acrolein	2.19	56	564	2.628	ug/l	#	79
14) Allyl chloride	2.56	41	1647	0.790	ug/l	#	37
16) Acetone	2.32	43	134649	170.771	ug/l		99
17) Carbon Disulfide	2.48	76	2797	0.881	ug/l	#	91
18) Methyl Acetate	2.62	43	3468	1.697	ug/l	#	88
24) 1,1-Dichloroethane	3.44	63	702	0.331	ug/l	#	85
25) 2-Butanone	4.27	43	23370	21.688	ug/l		96
29) Tetrahydrofuran	4.65	42	1304	1.884	ug/l	#	80
31) Cyclohexane	4.98	56	1878	Below Cal		#	1
36) 1,1-Dichloropropene	4.98	75	7283	4.494	ug/l	#	49
37) Ethyl Acetate	4.27	43	23370	11.155	ug/l	#	70
38) Carbon Tetrachloride	4.98	117	8307	6.359	ug/l	#	15
40) Benzene	5.39	78	8239	1.726	ug/l		99
41) Methacrylonitrile	4.58	41	260	0.227	ug/l	#	25
49) 1,4-Dioxane	6.62	88	454	17.447	ug/l	#	52
51) 4-Methyl-2-Pentanone	7.46	43	4701	2.249	ug/l		93
52) Toluene	7.64	92	2932	1.044	ug/l		82
59) 2-Hexanone	8.38	43	950	0.573	ug/l		95
67) Ethyl Benzene	9.25	91	3457	0.657	ug/l		94
68) m/p-Xylenes	9.38	106	2005	1.048	ug/l		100
69) o-Xylene	9.78	106	779	0.419	ug/l		99
70) Styrene	9.79	104	2085	0.677	ug/l		93
74) N-amyl acetate	10.08	43	514	0.212	ug/l	#	57
76) 1,2,3-Trichloropropane	10.30	75	34122	24.353	ug/l	#	36
80) 1,3,5-Trimethylbenzene	10.77	105	1062	0.305	ug/l		97
81) trans-1,4-Dichloro-2-buten	10.30	75	34122	59.774	ug/l	#	100
84) 1,2,4-Trimethylbenzene	11.15	105	2485	0.692	ug/l		88
95) Naphthalene	13.75	128	4281	0.959	ug/l		98

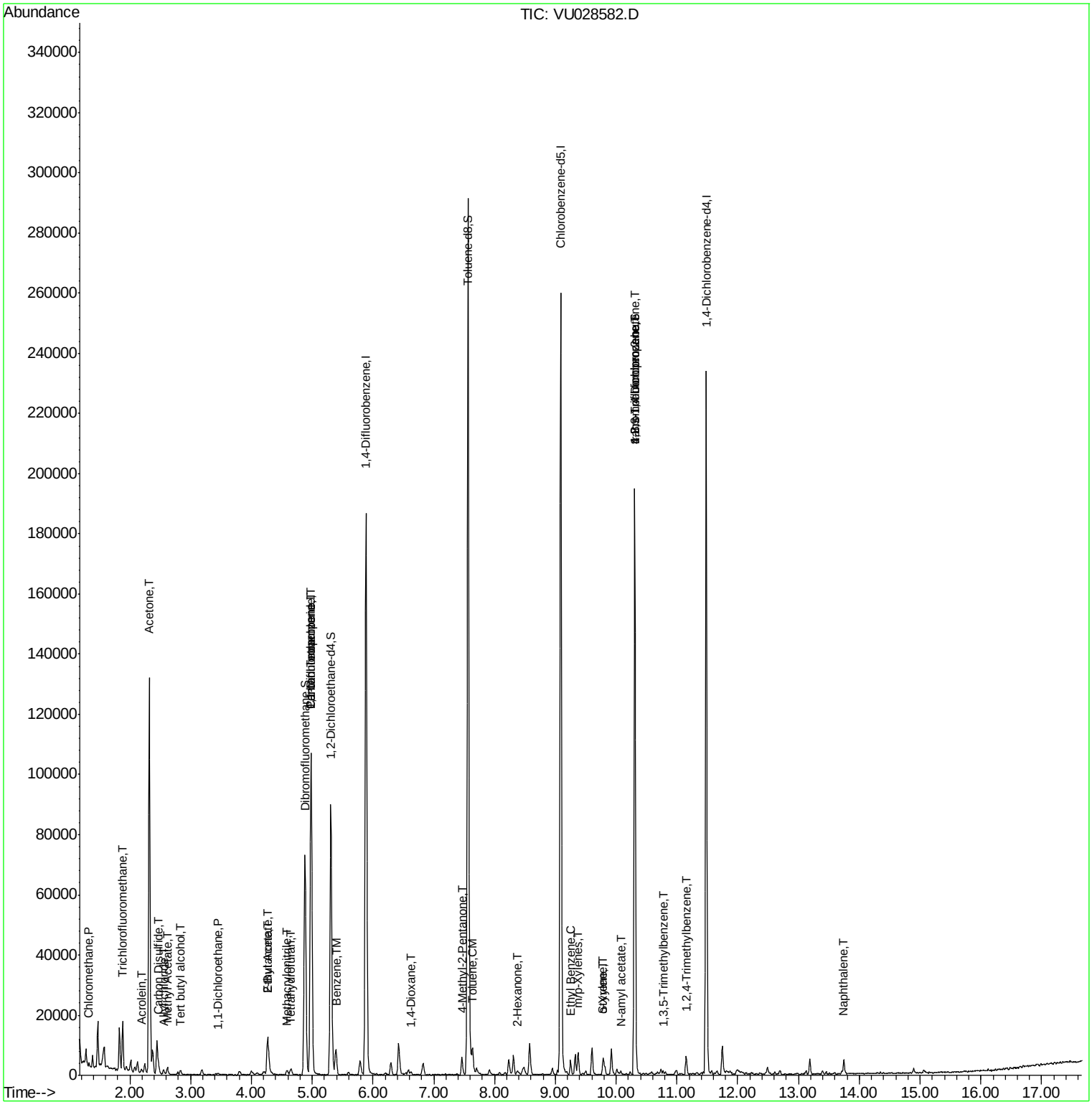
(#) = qualifier out of range (m) = manual integration (+) = signals summed

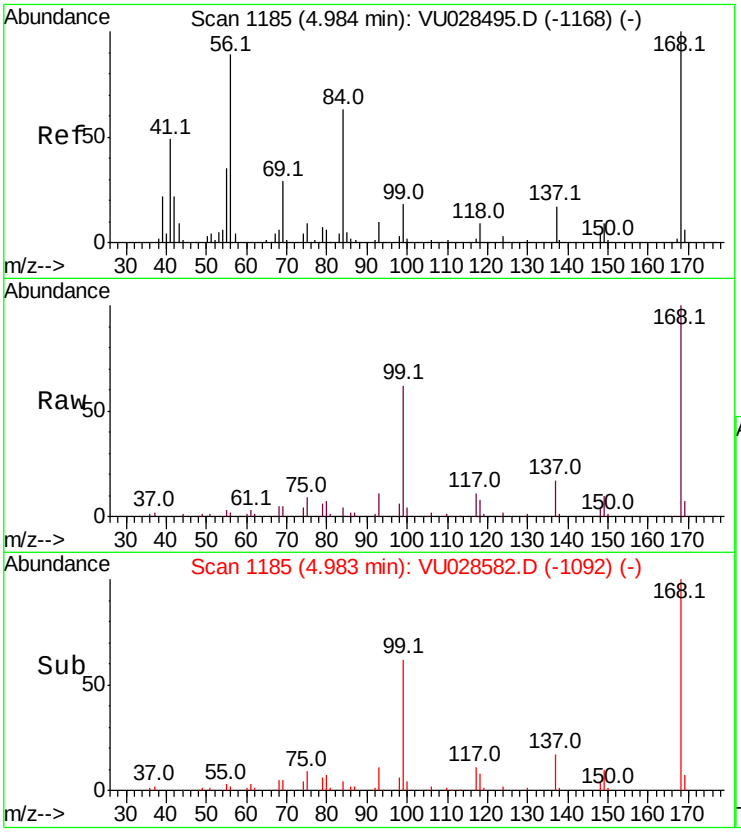
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121118\
Data File : VU028582.D
Acq On : 11 Dec 2018 04:28
Operator : MD/SY
Sample : J6305-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Quant Time: Dec 11 07:10:12 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



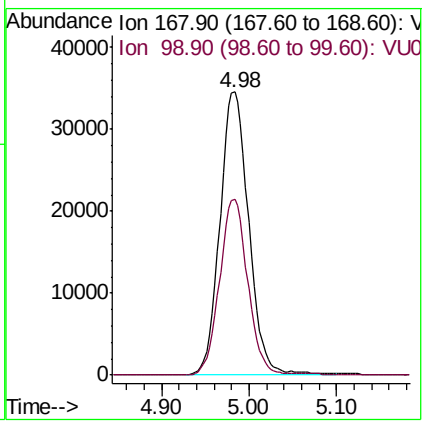


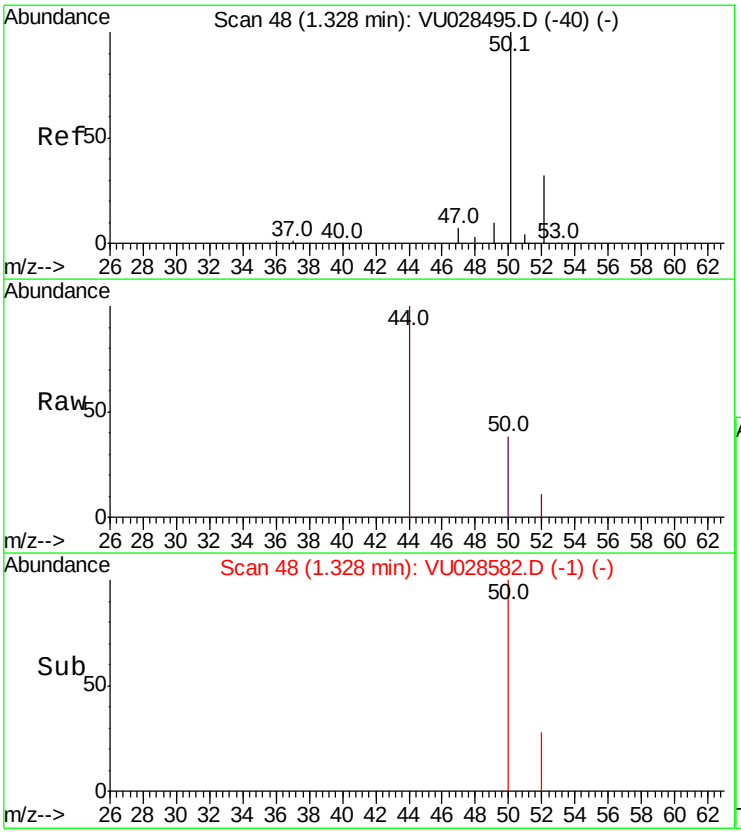
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion:168 Resp: 79178

Ion	Ratio	Lower	Upper
168	100		
99	62.1	46.6	69.8

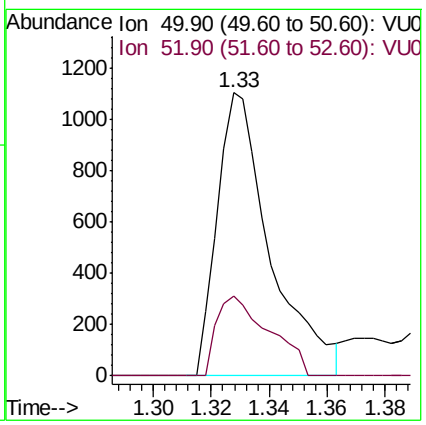


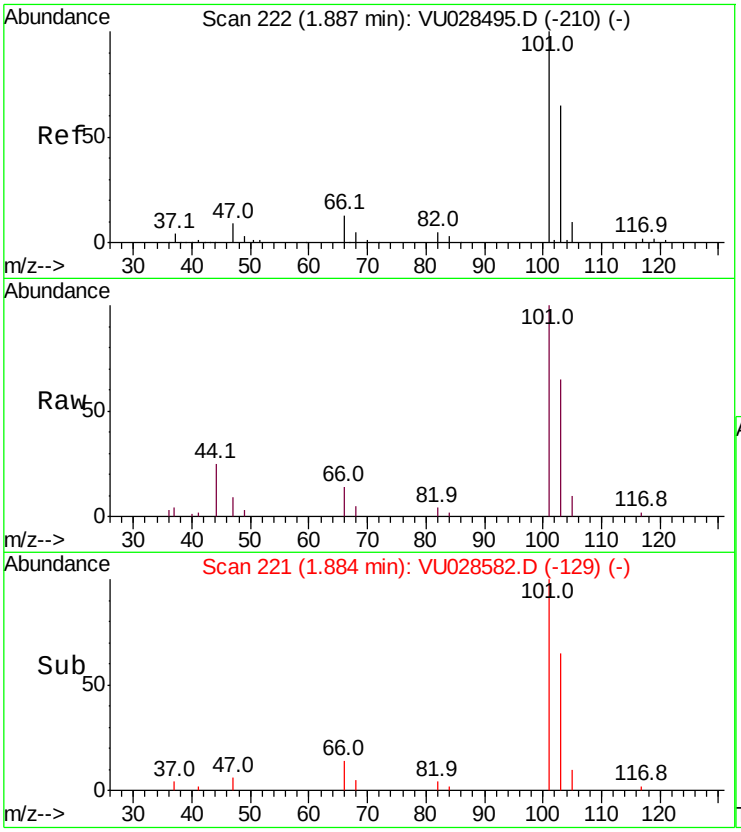


#3
Chloromethane
Concen: 0.718 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 50 Resp: 1400

Ion	Ratio	Lower	Upper
50	100		
52	28.1	25.5	38.3

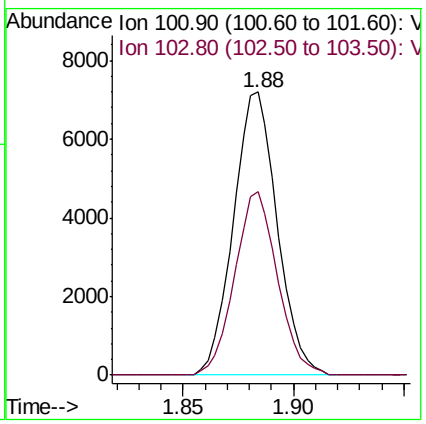




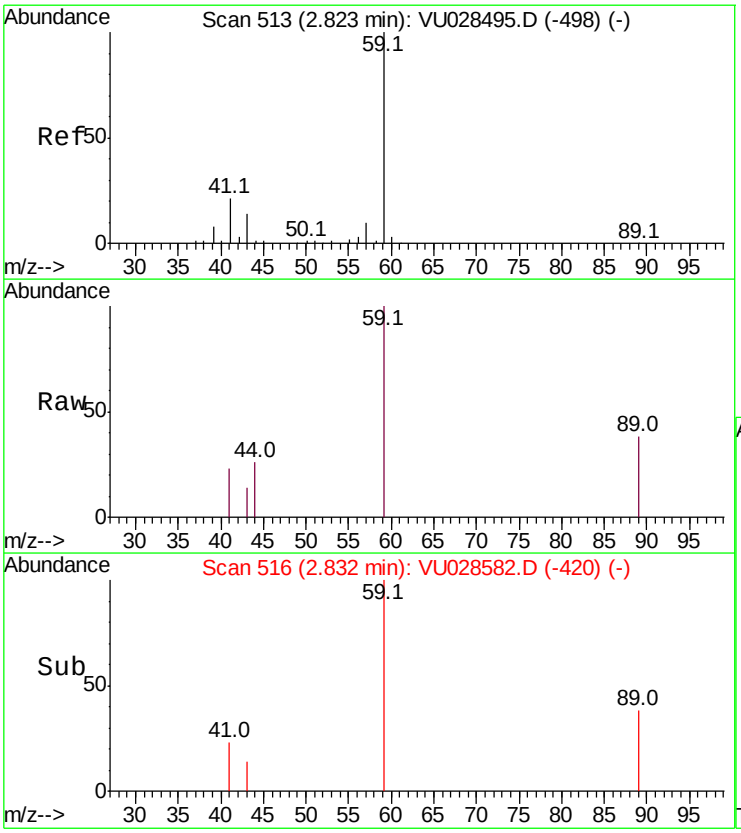
#7
Trichlorofluoromethane
Concen: 6.688 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:101 Resp: 9908

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.3	78.5



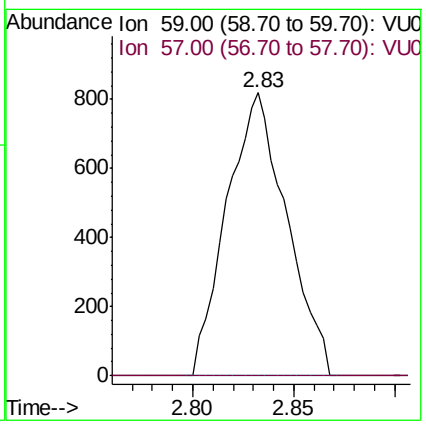
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

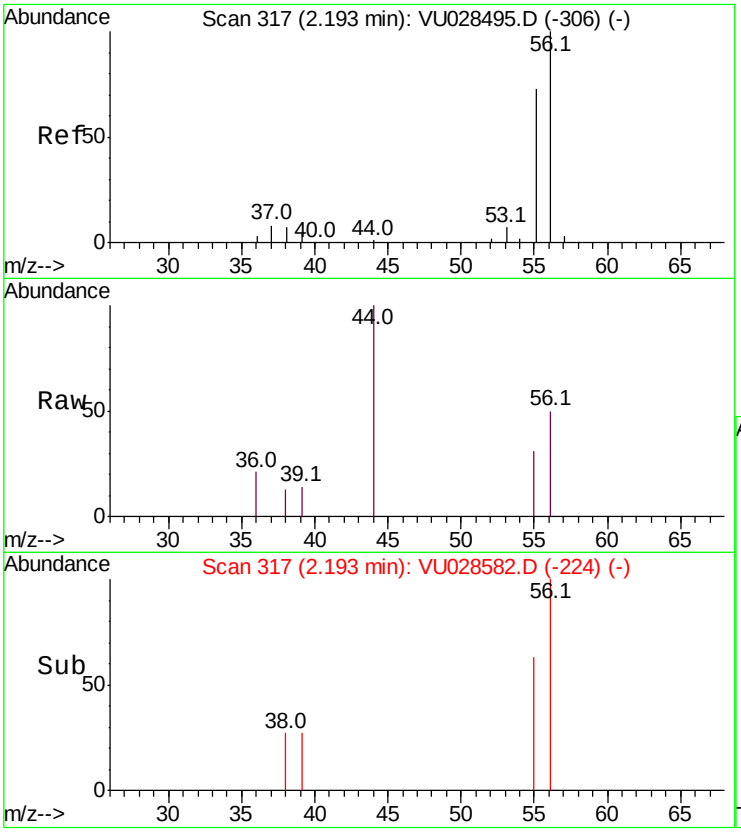


#11
Tert butyl alcohol
Concen: 6.293 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 59 Resp: 1694

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



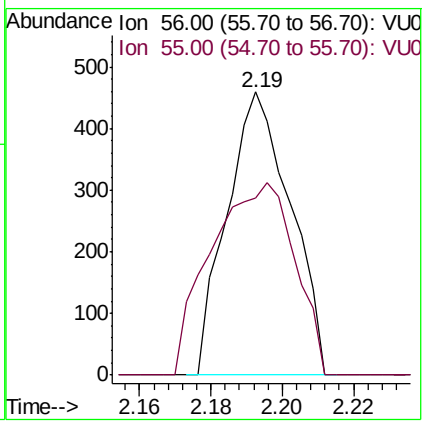


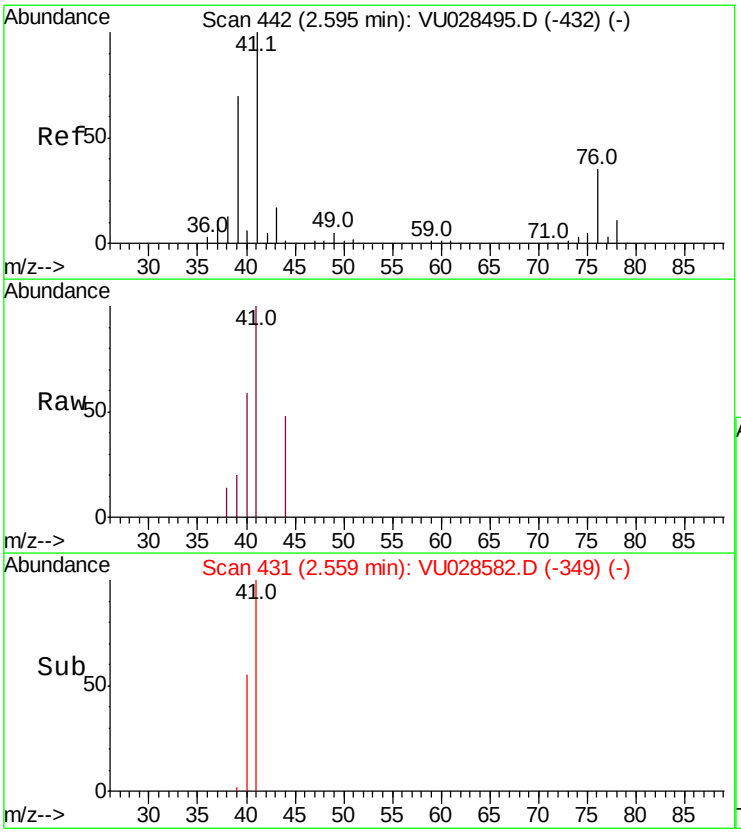
#13
Acrolein
Concen: 2.628 ug/l
RT: 2.19 min Scan# 317
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion: 56 Resp: 564

Ion	Ratio	Lower	Upper
56	100		
55	89.7	57.5	86.3#

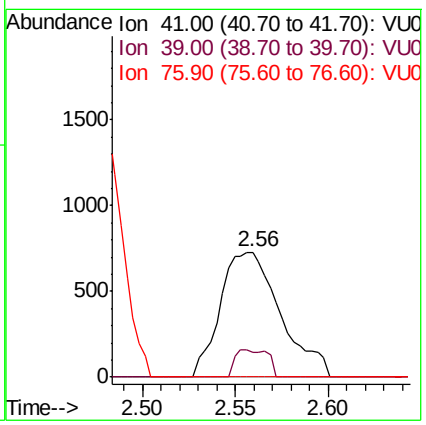


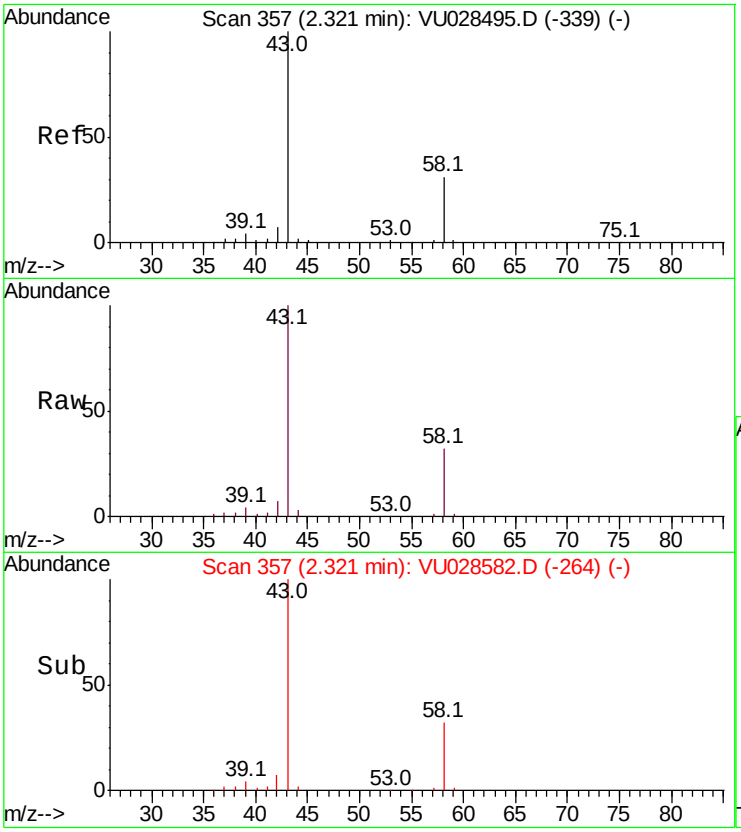


#14
Allyl chloride
Concen: 0.790 ug/l
RT: 2.56 min Scan# 431
Delta R.T. -0.04 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 41 Resp: 1647

Ion	Ratio	Lower	Upper
41	100		
39	11.8	50.8	76.2#
76	0.0	24.8	37.2#



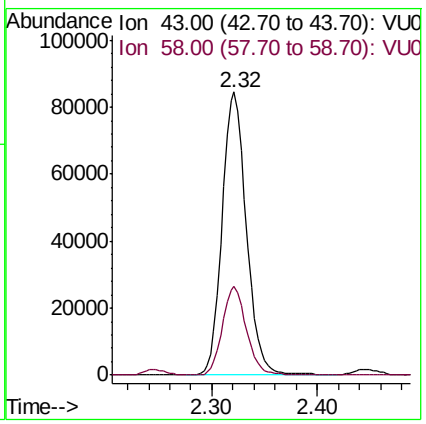


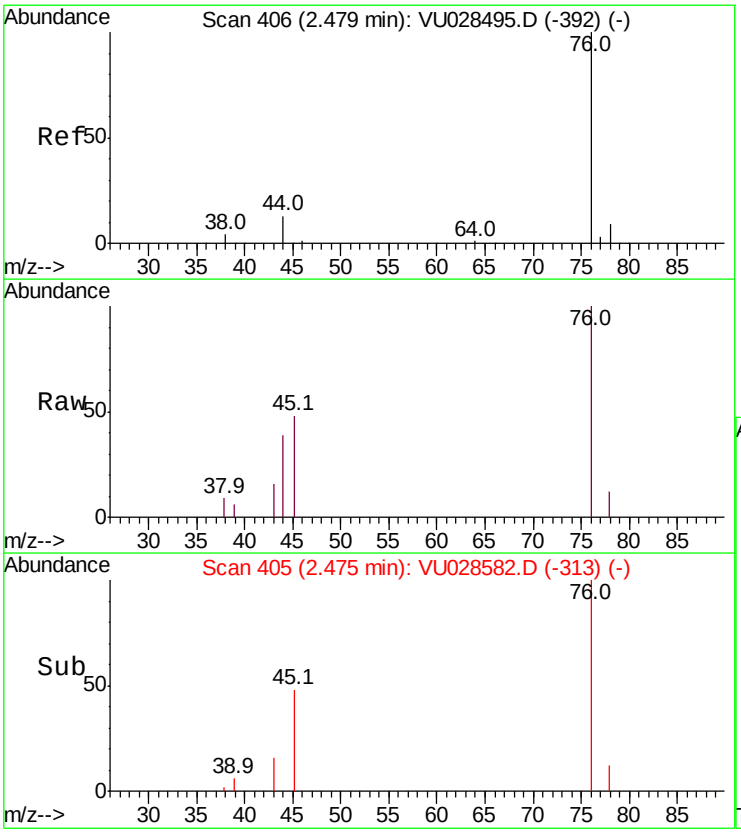
#16
Acetone
Concen: 170.771 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion: 43 Resp: 134649

Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.6	37.0

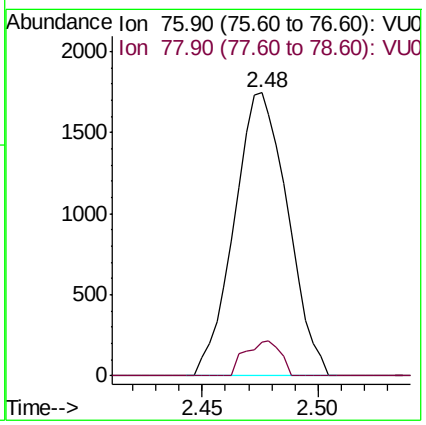


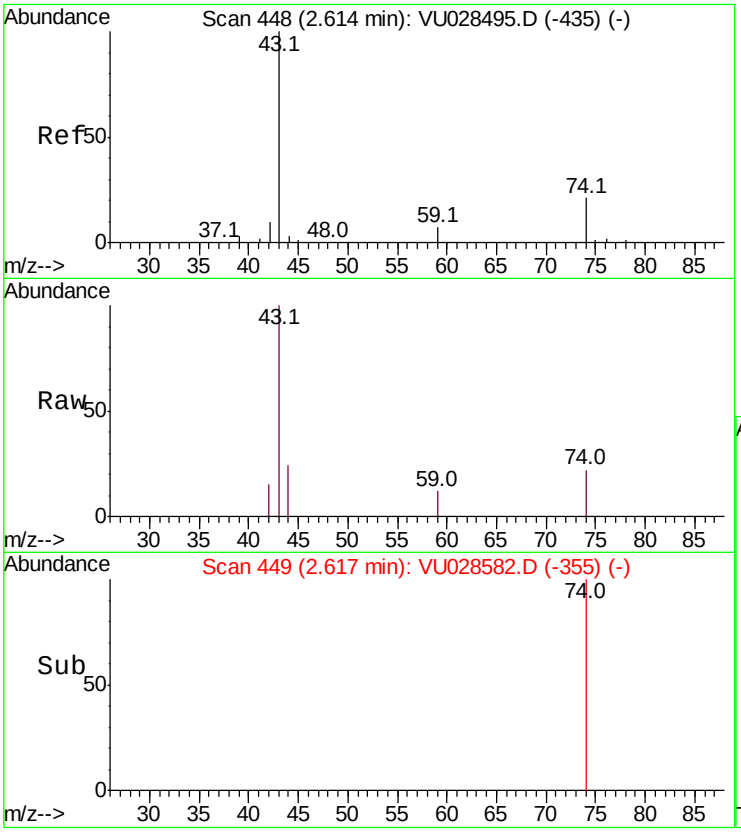


#17
Carbon Disulfide
Concen: 0.881 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 76 Resp: 2797

Ion	Ratio	Lower	Upper
76	100		
78	12.2	7.2	10.8#



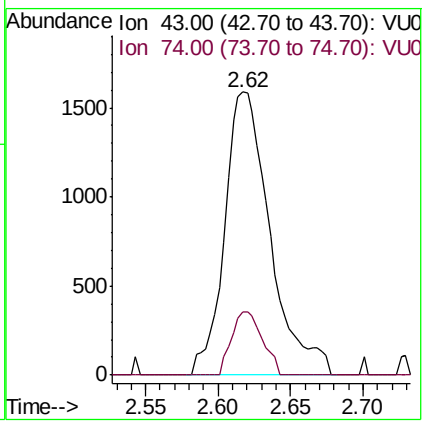


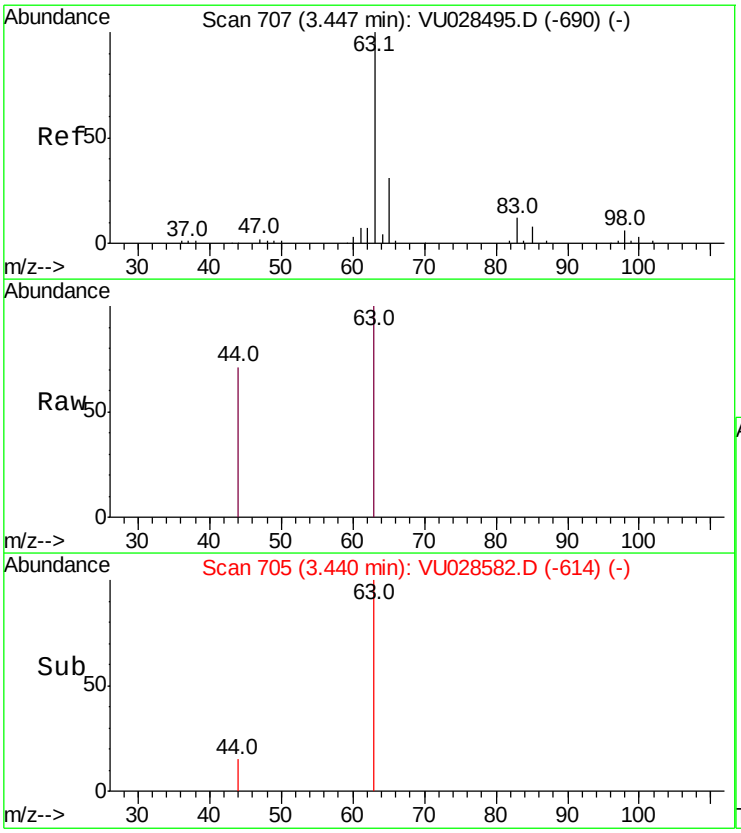
#18
Methyl Acetate
Concen: 1.697 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion: 43 Resp: 3468

Ion	Ratio	Lower	Upper
43	100		
74	15.1	16.4	24.6#

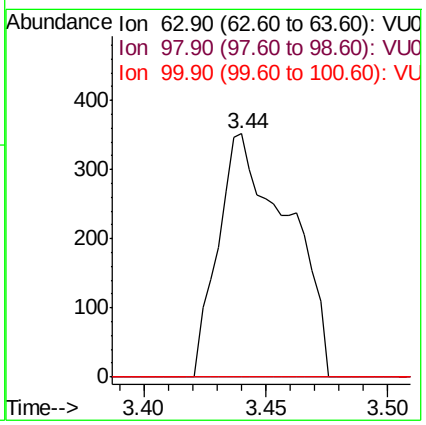


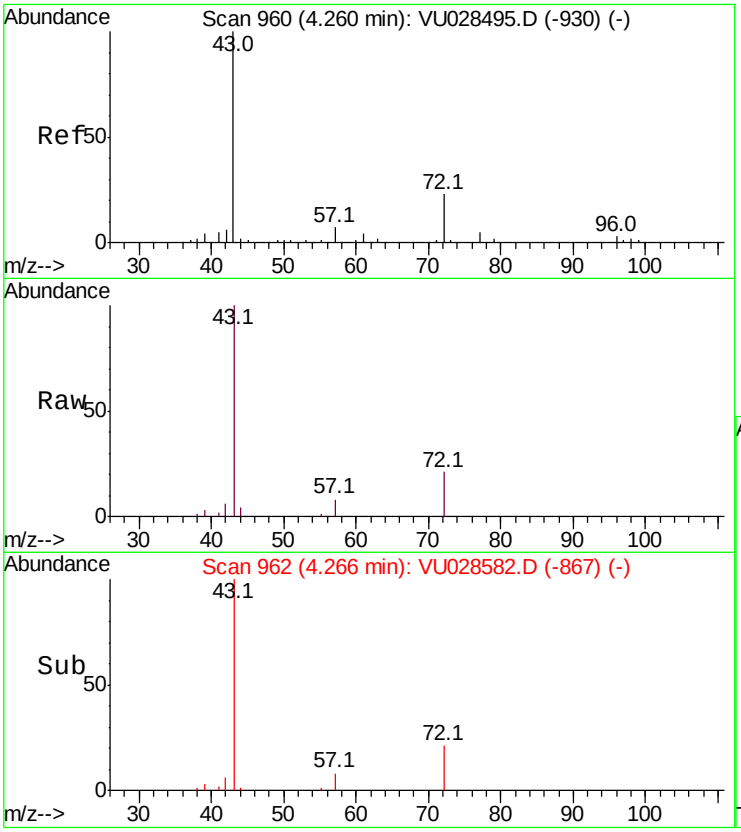


#24
1,1-Dichloroethane
Concen: 0.331 ug/l
RT: 3.44 min Scan# 705
Delta R.T. -0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 63 Resp: 702

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.0	9.2#
100	0.0	1.7	5.1#



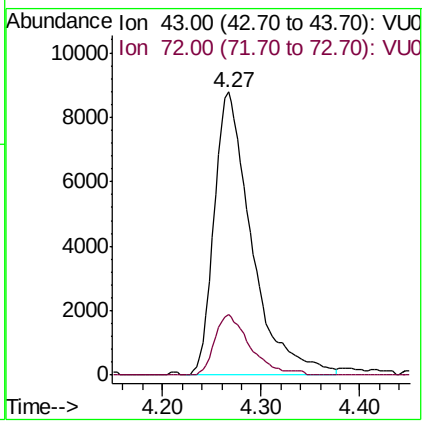


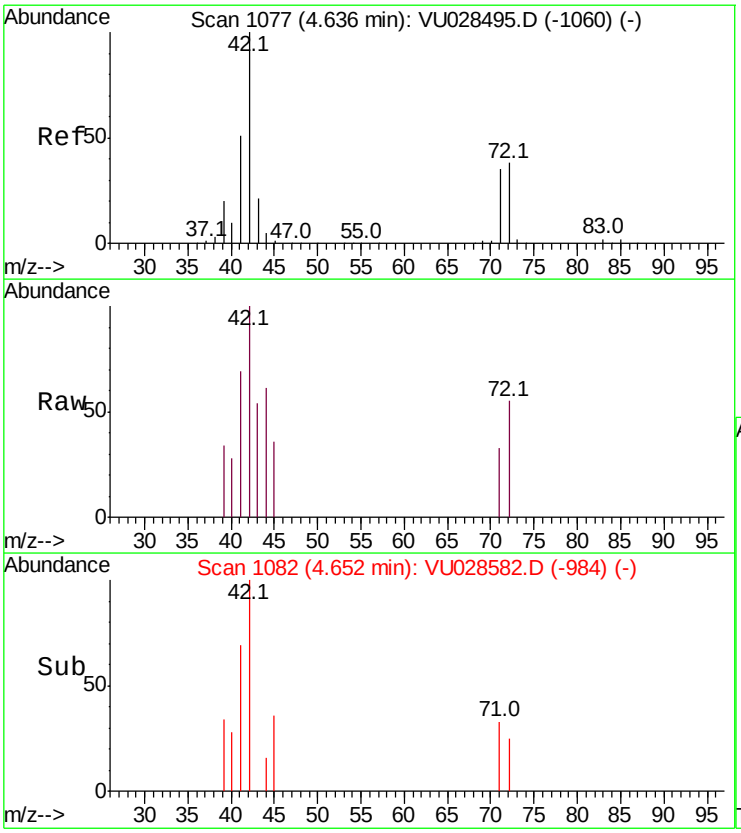
#25
2-Butanone
Concen: 21.688 ug/l
RT: 4.27 min Scan# 962
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion: 43 Resp: 23370

Ion	Ratio	Lower	Upper
43	100		
72	21.2	18.6	28.0

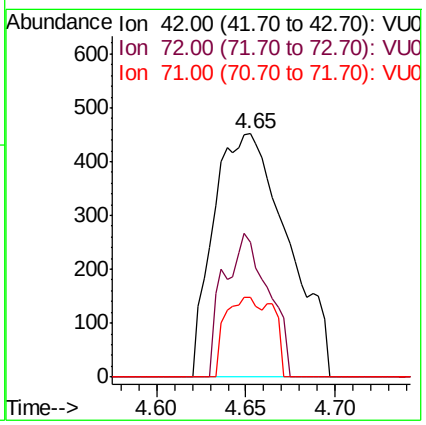


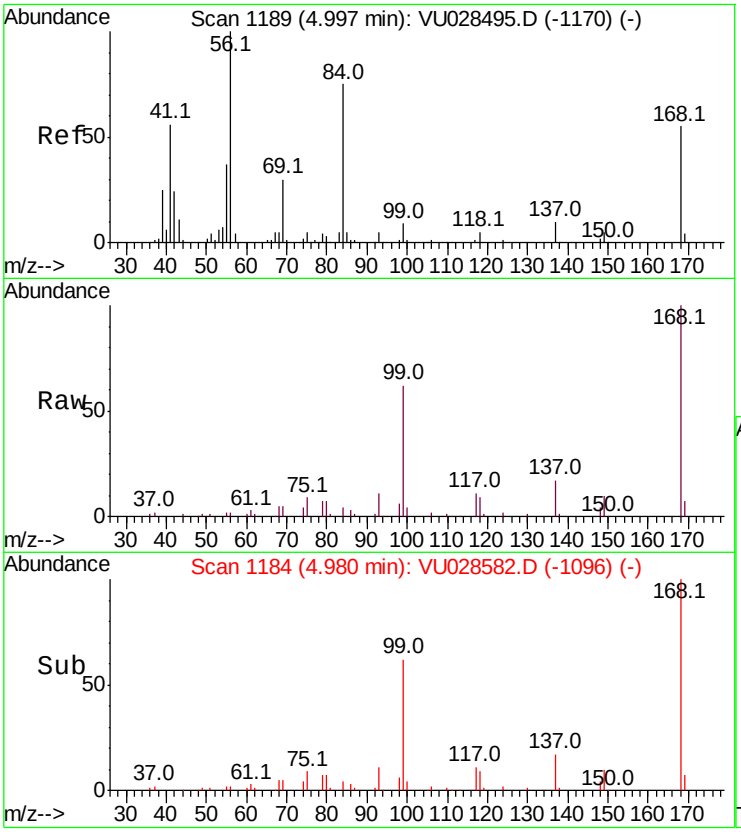


#29
Tetrahydrofuran
Concen: 1.884 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 42 Resp: 1304

Ion	Ratio	Lower	Upper
42	100		
72	35.5	31.4	47.0
71	15.4	28.6	43.0#



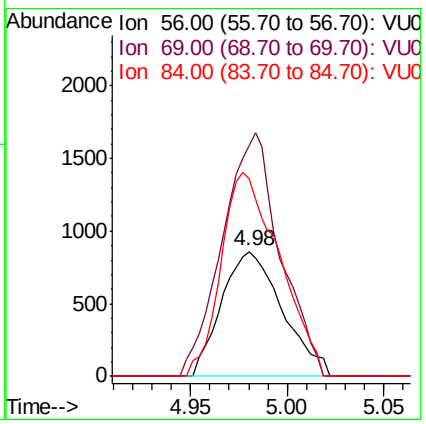


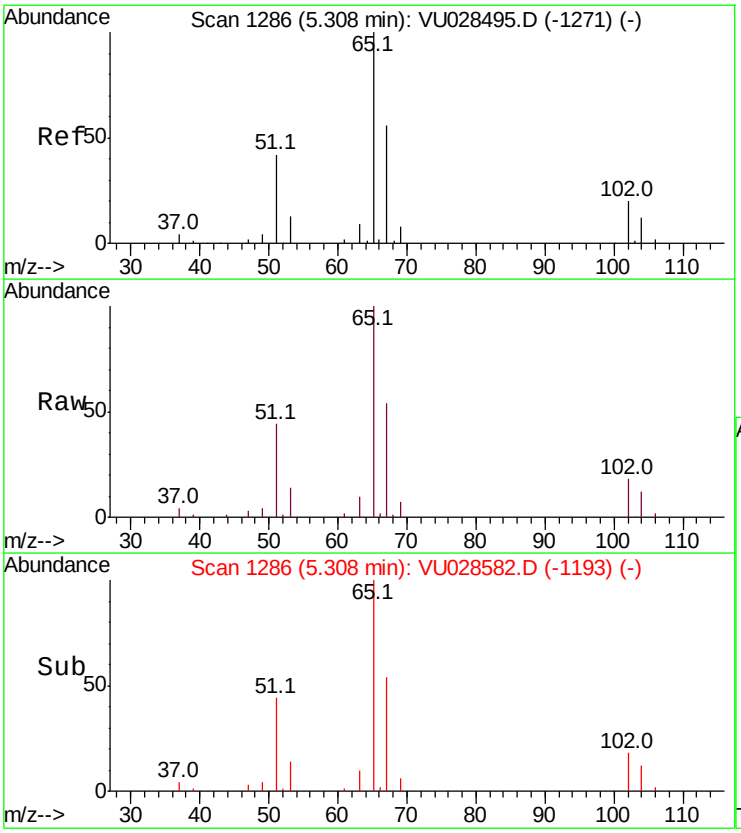
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion: 56 Resp: 1878

Ion	Ratio	Lower	Upper
56	100		
69	185.3	24.0	36.0#
84	158.0	59.7	89.5#

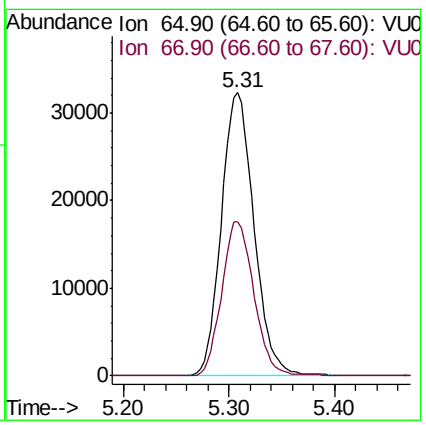


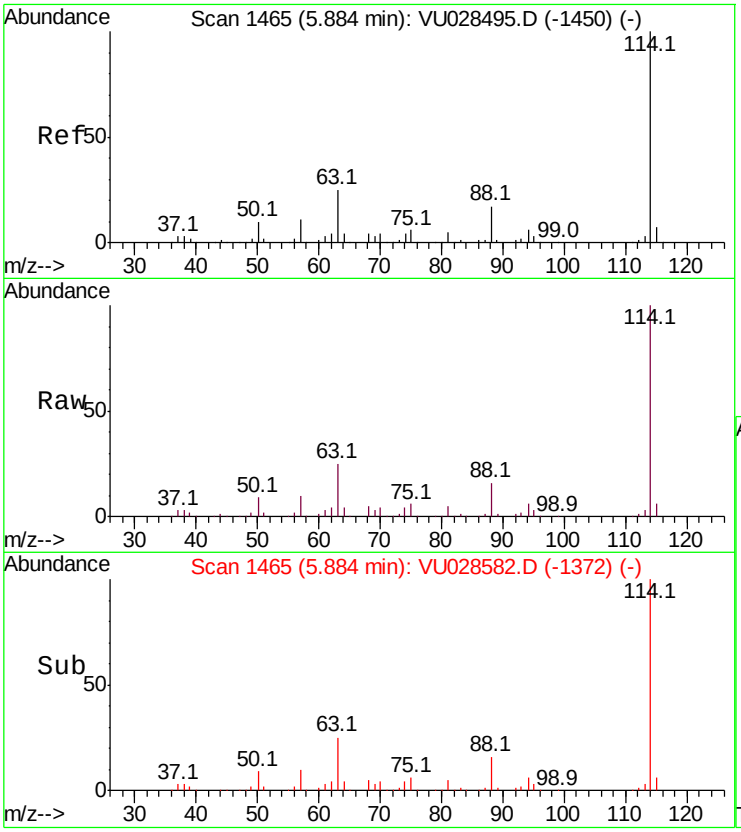


#33
1,2-Dichloroethane-d4
Concen: 57.330 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 65 Resp: 69272

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	110.6



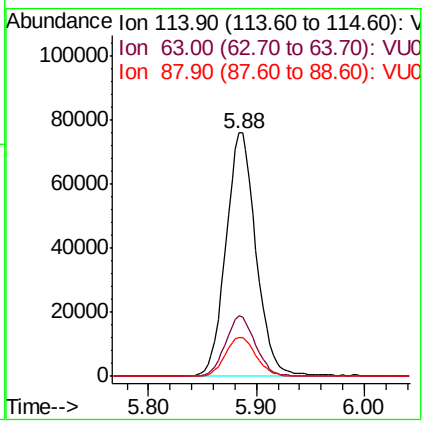


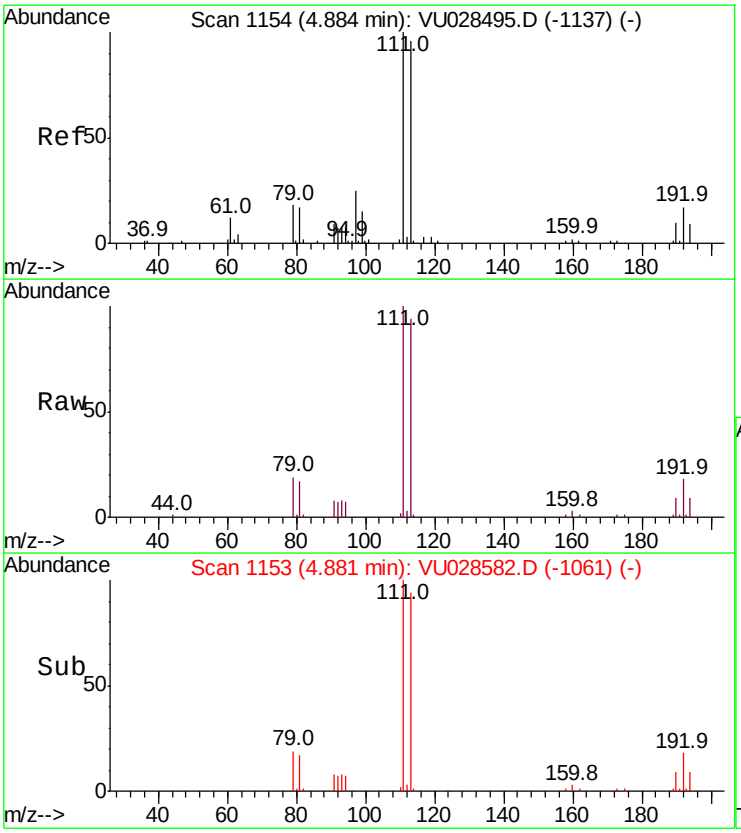
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion:114 Resp: 148108

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	16.2	0.0	33.4

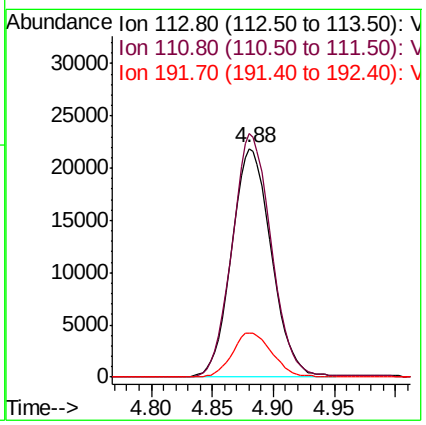


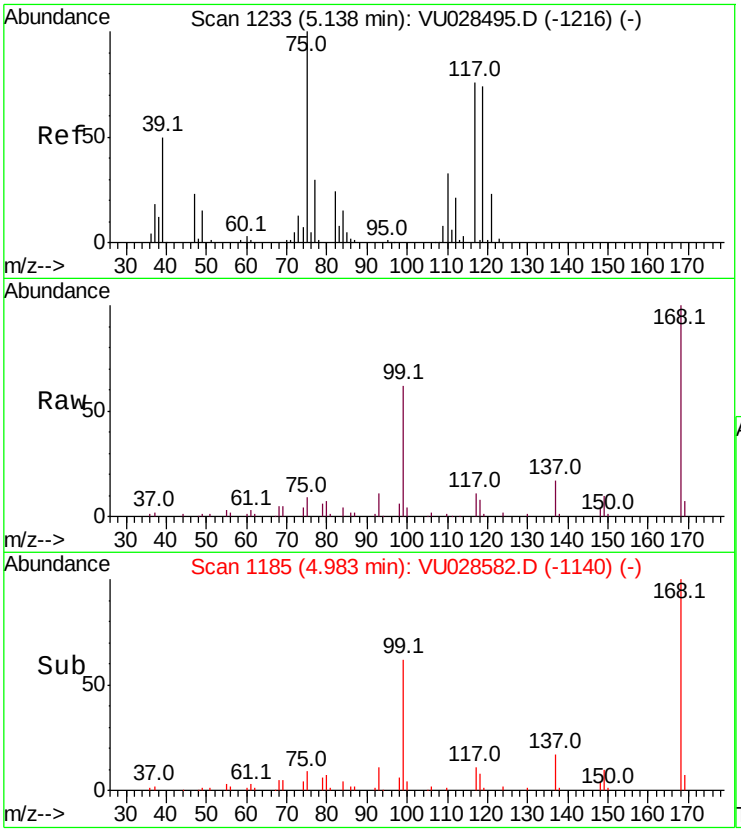


#35
Dibromofluoromethane
Concen: 53.021 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:113 Resp: 49418

Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.4	125.0
192	19.2	14.8	22.2



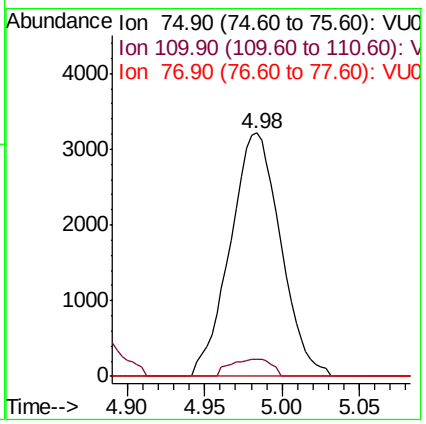


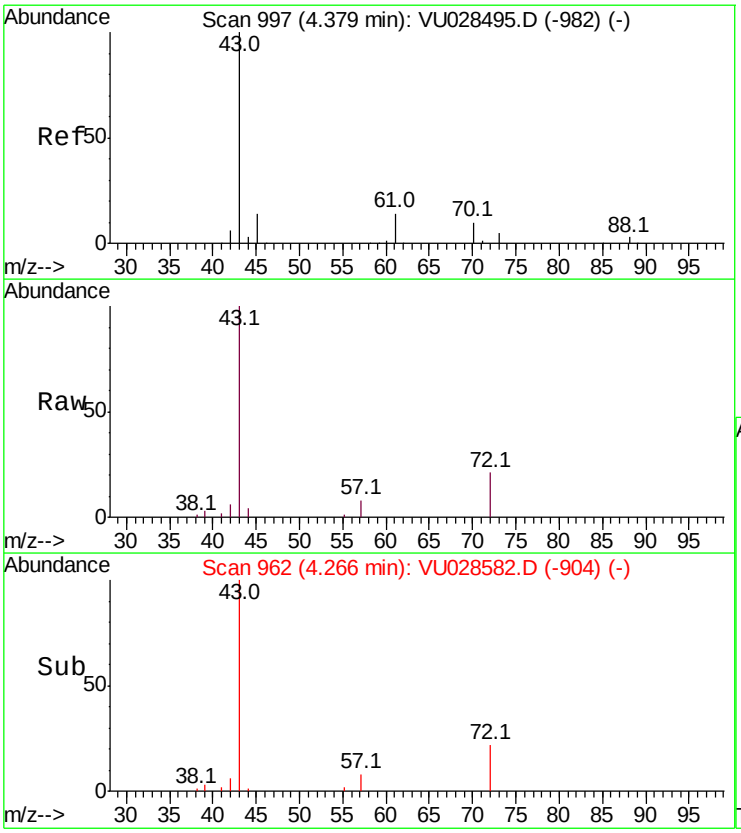
#36
1,1-Dichloropropene
Concen: 4.494 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion: 75 Resp: 7283

Ion	Ratio	Lower	Upper
75	100		
110	5.8	16.1	48.2#
77	0.0	24.5	36.7#

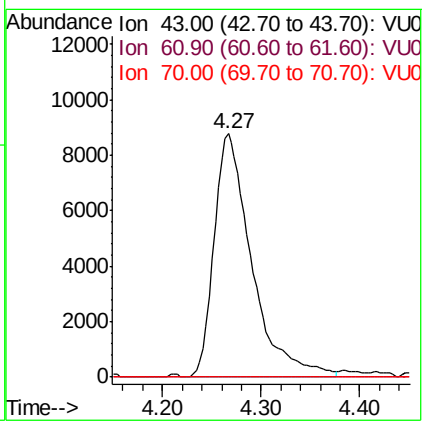


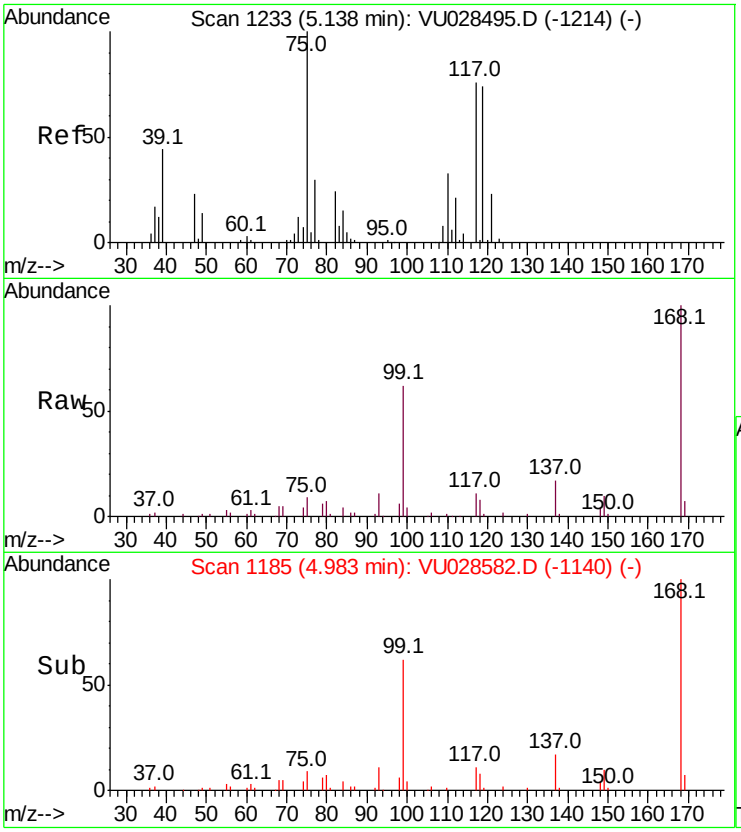


#37
Ethyl Acetate
Concen: 11.155 ug/l
RT: 4.27 min Scan# 962
Delta R.T. -0.11 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 23370

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



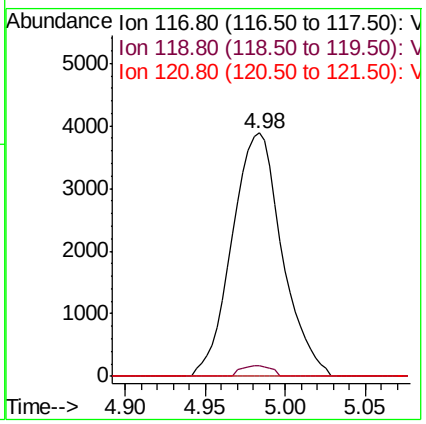


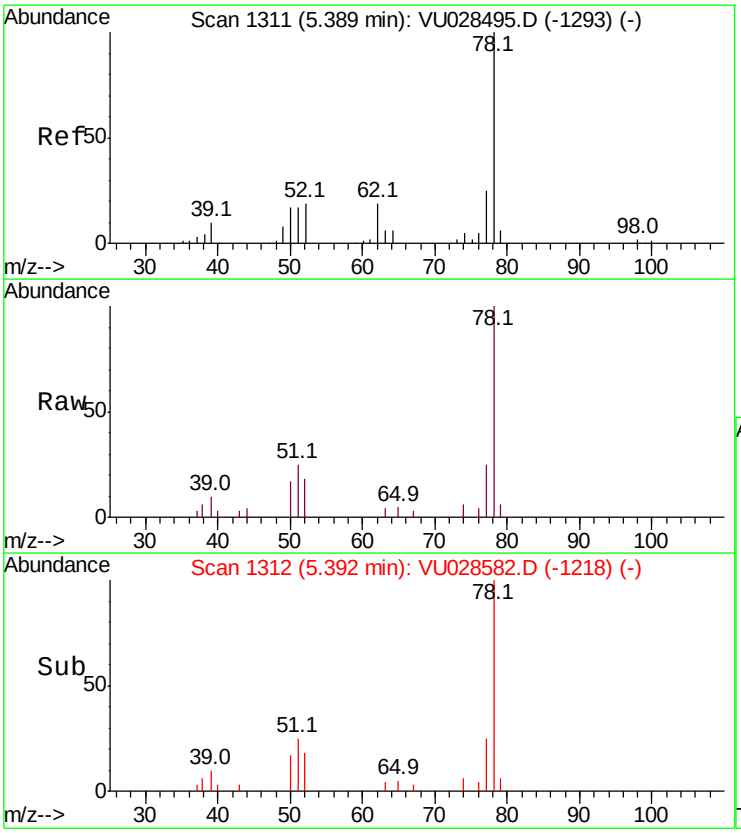
#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion:117 Resp: 8307

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.6	116.4#
121	0.0	24.6	36.8#

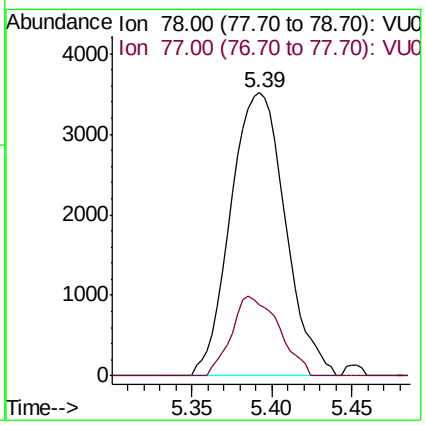


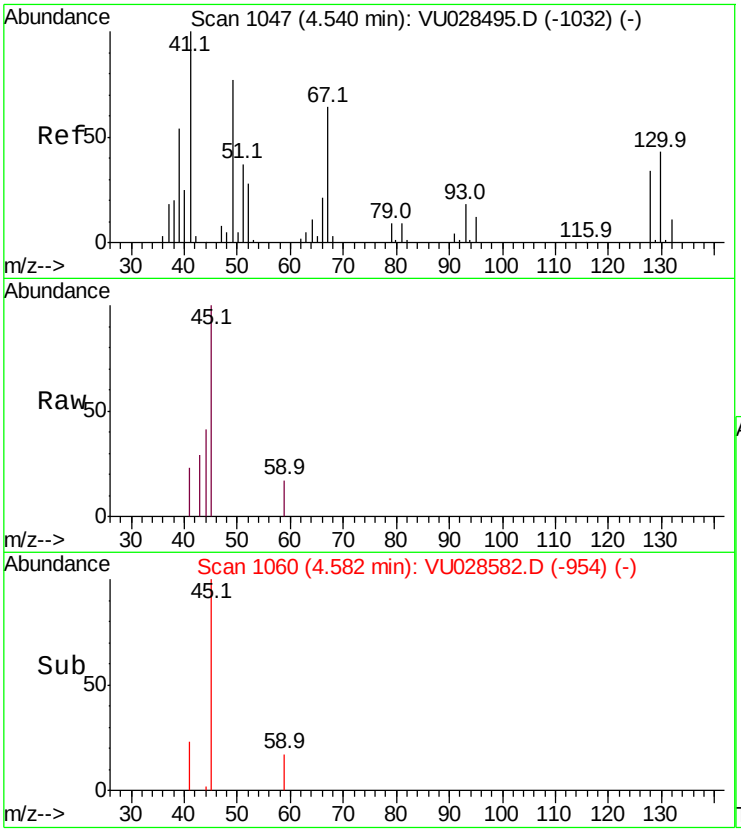


#40
Benzene
Concen: 1.726 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 78 Resp: 8239

Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.9	29.9



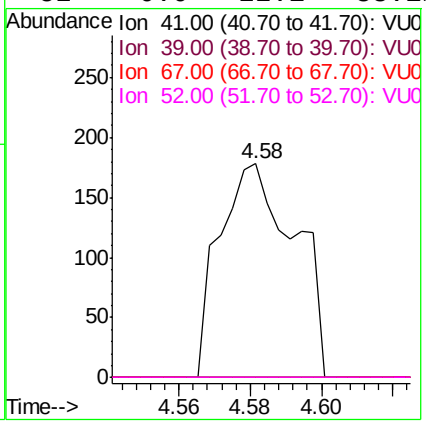


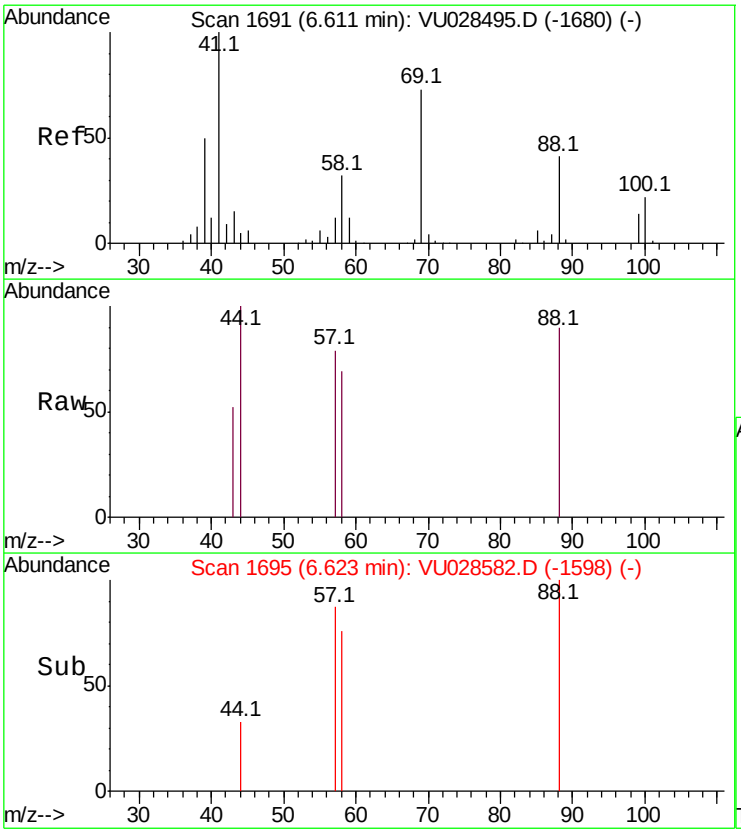
#41
Methacrylonitrile
Concen: 0.227 ug/l
RT: 4.58 min Scan# 1060
Delta R.T. 0.04 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion: 41 Resp: 260

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.3	64.9#
67	0.0	53.6	80.4#
52	0.0	22.1	33.1#

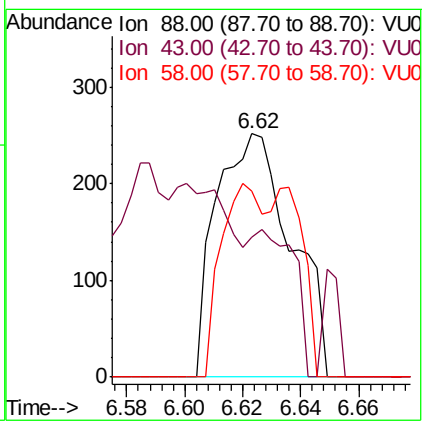


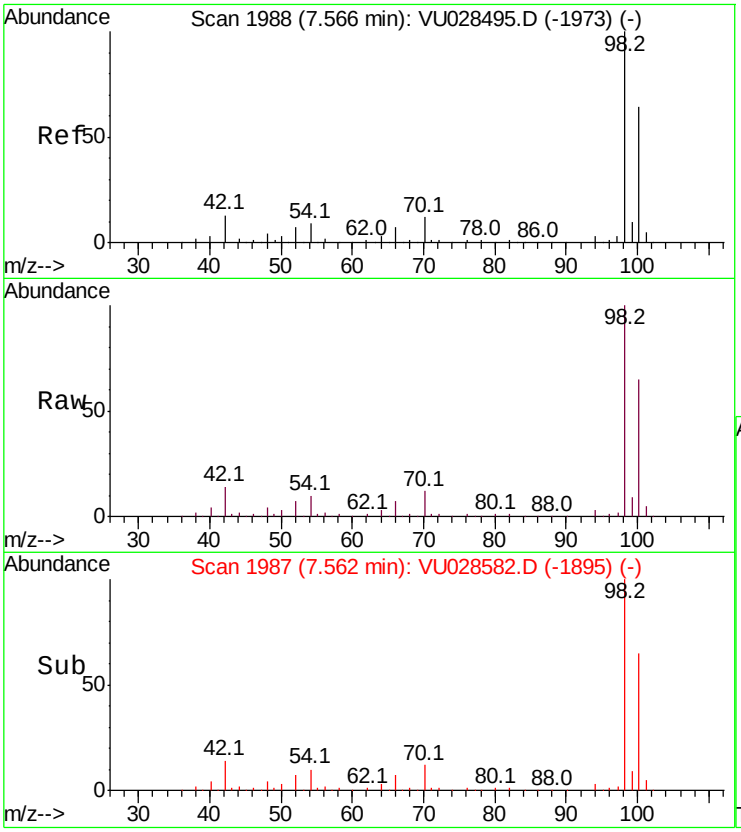


#49
1,4-Dioxane
Concen: 17.447 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 88 Resp: 454

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.9	46.3#
58	42.7	62.4	93.6#



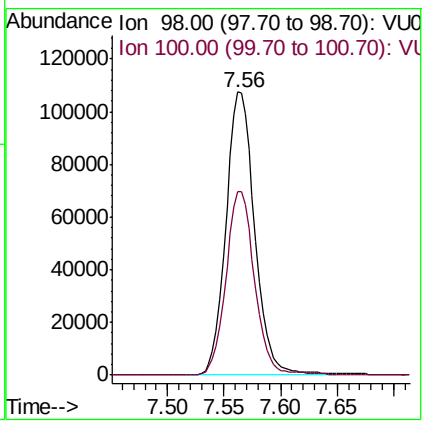


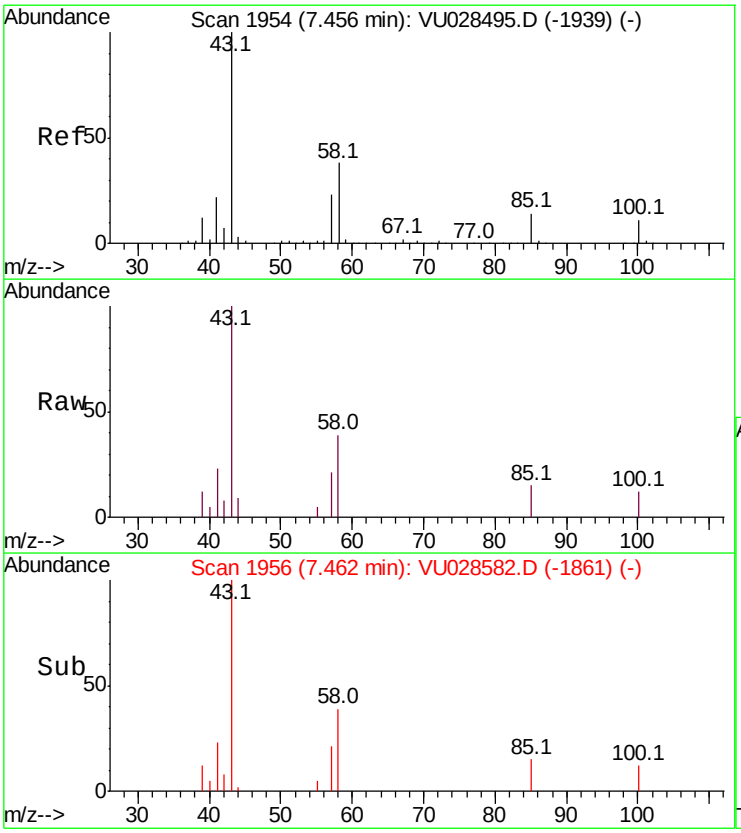
#50
Toluene-d8
Concen: 51.627 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion: 98 Resp: 190352

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.0	76.6

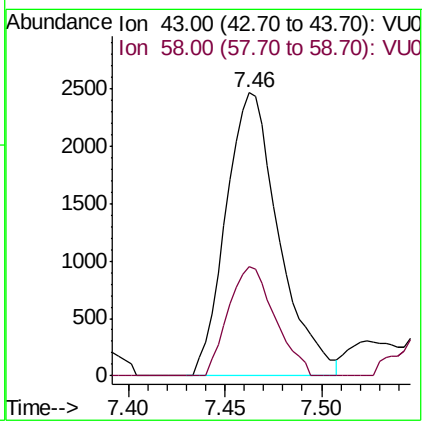


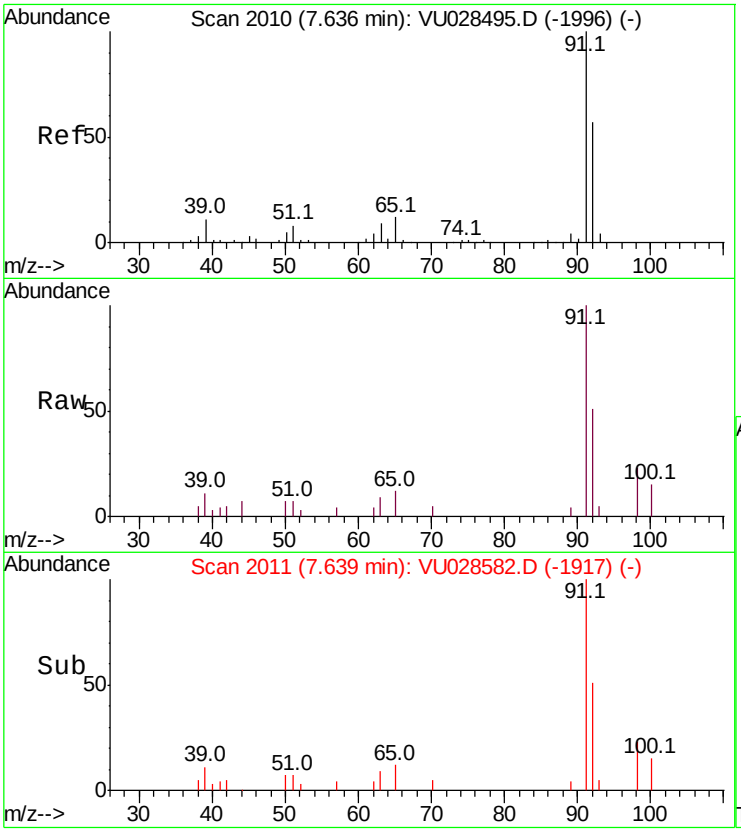


#51
4-Methyl-2-Pentanone
Concen: 2.249 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 4701

Ion	Ratio	Lower	Upper
43	100		
58	33.8	30.2	45.2



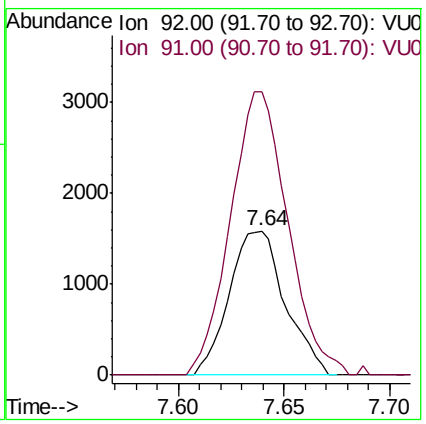


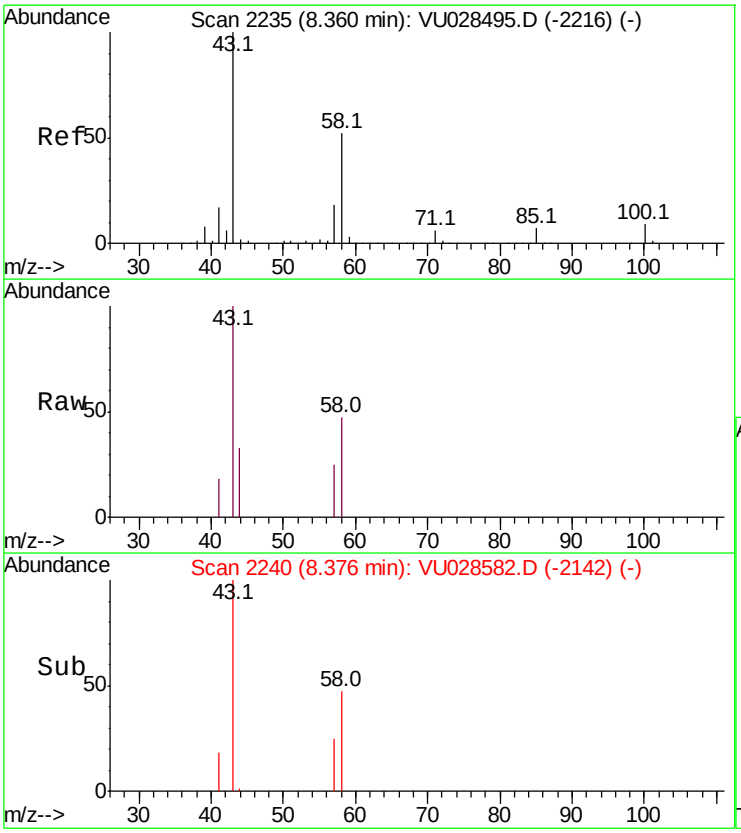
#52
Toluene
Concen: 1.044 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion: 92 Resp: 2932

Ion	Ratio	Lower	Upper
92	100		
91	201.1	140.2	210.4

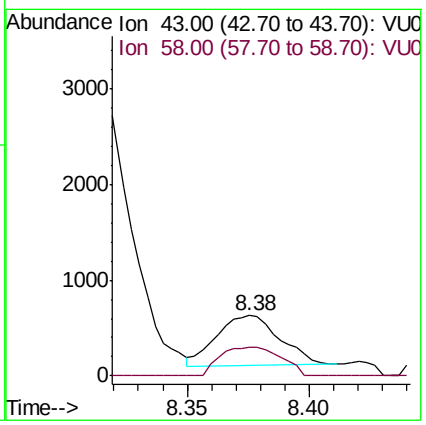


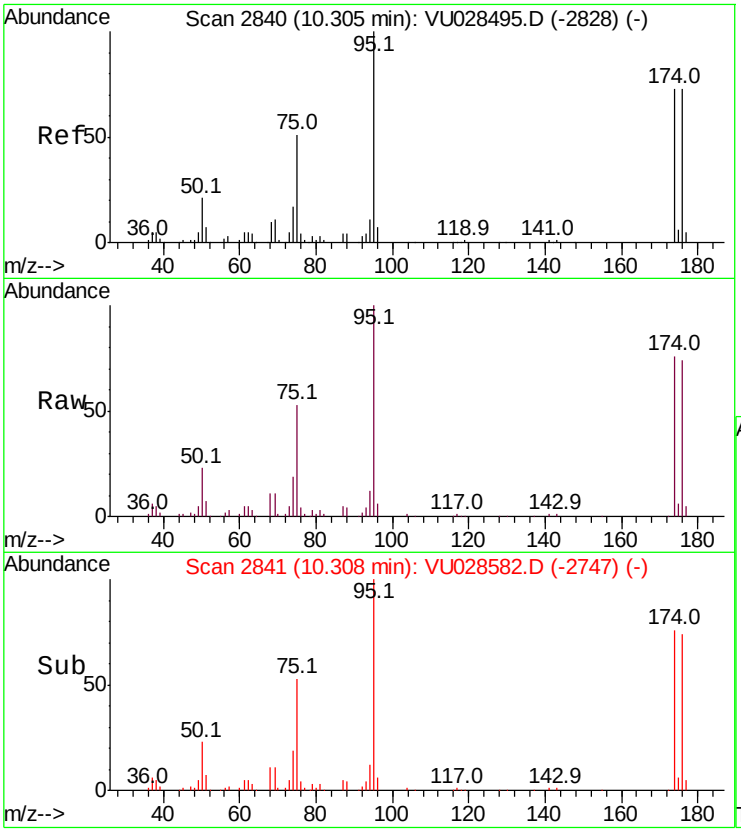


#59
2-Hexanone
Concen: 0.573 ug/l
RT: 8.38 min Scan# 2240
Delta R.T. 0.02 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 950

Ion	Ratio	Lower	Upper
43	100		
58	54.9	25.9	77.6



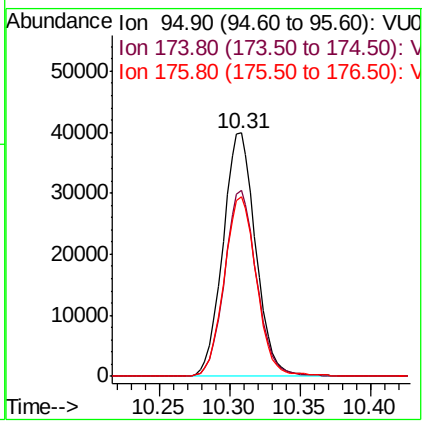


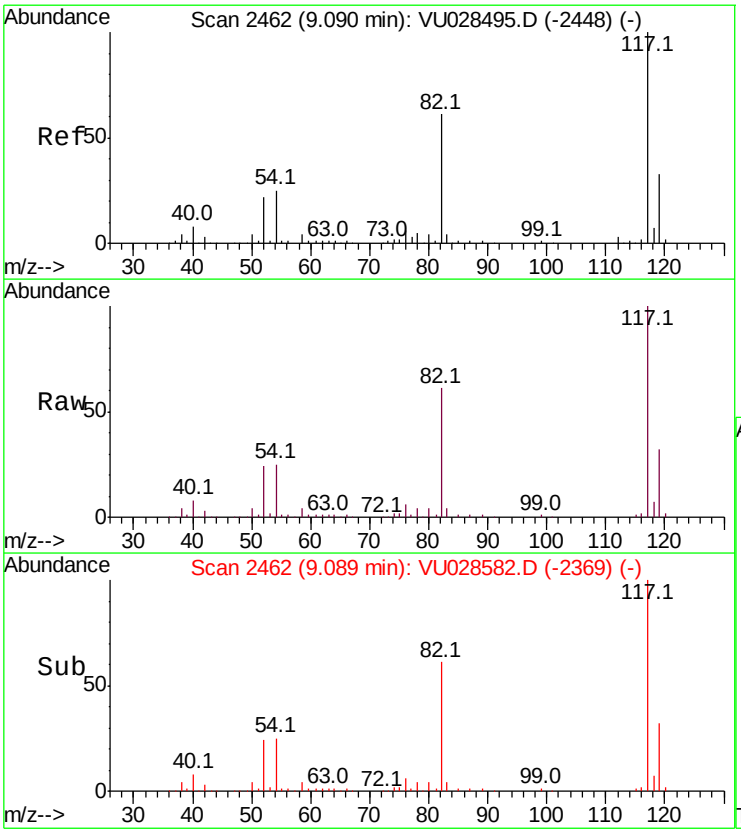
#62
4-Bromofluorobenzene
Concen: 46.962 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion: 95 Resp: 64718

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	73.0	0.0	145.2

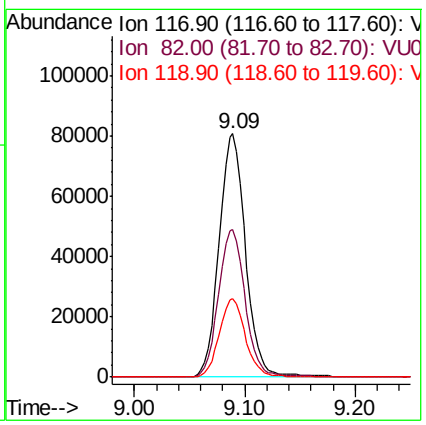


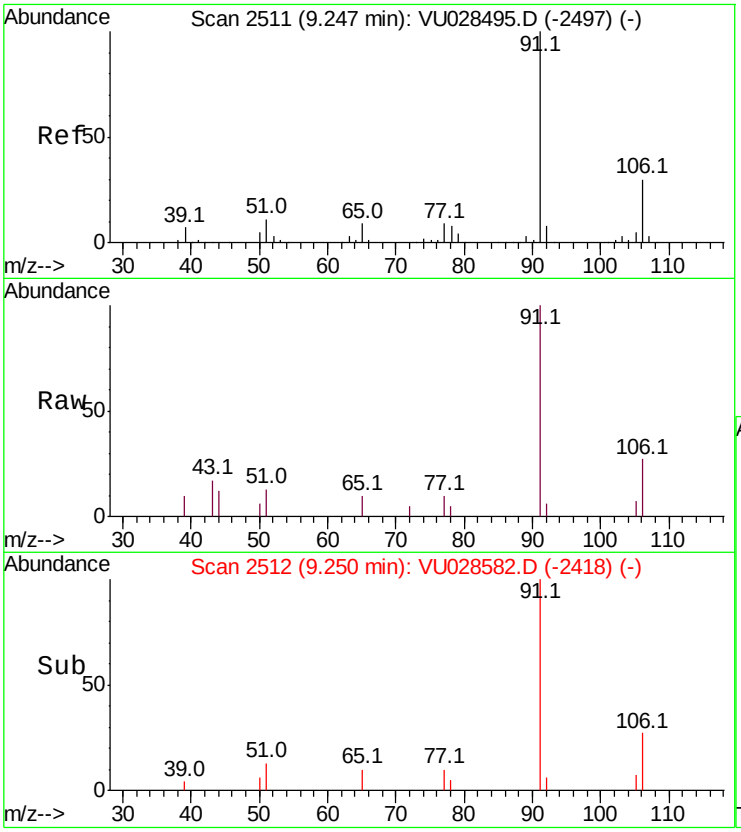


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:117 Resp: 134265

Ion	Ratio	Lower	Upper
117	100		
82	60.5	48.9	73.3
119	32.2	26.2	39.4



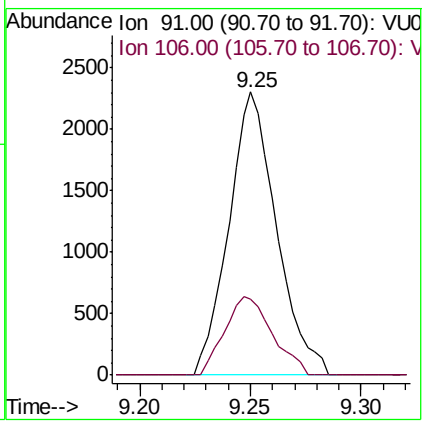


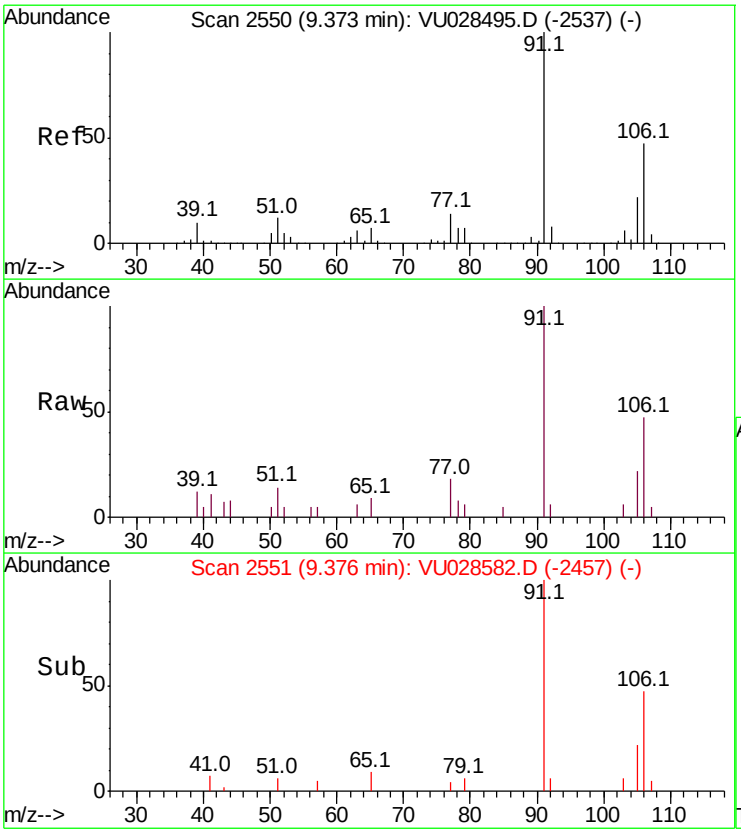
#67
Ethyl Benzene
Concen: 0.657 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion: 91 Resp: 3457

Ion	Ratio	Lower	Upper
91	100		
106	27.0	24.1	36.1

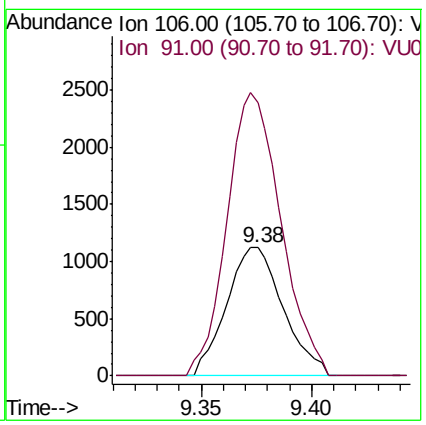


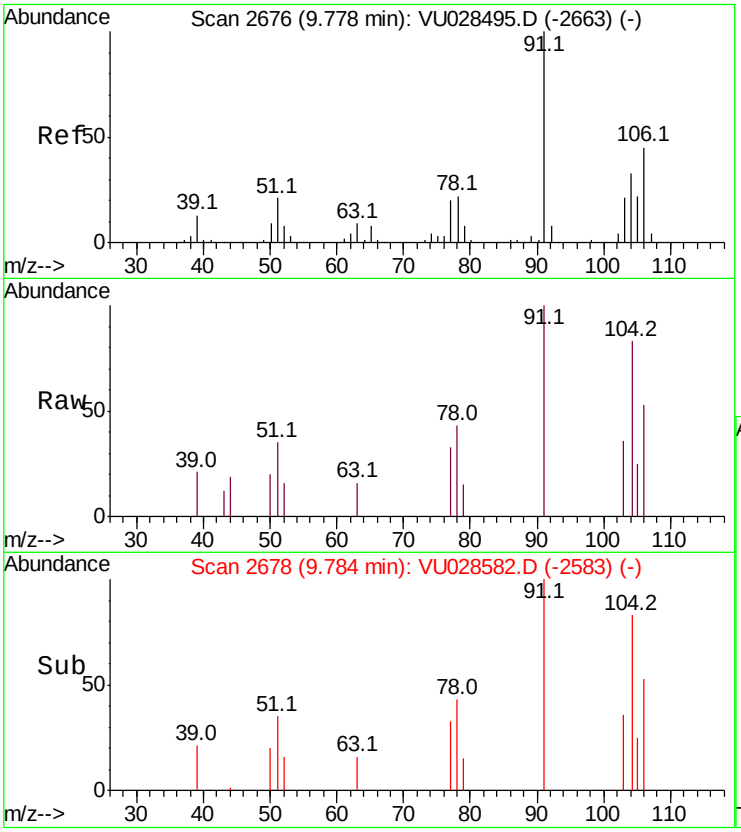


#68
m/p-Xylenes
Concen: 1.048 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:106 Resp: 2005

Ion	Ratio	Lower	Upper
106	100		
91	209.8	167.4	251.0



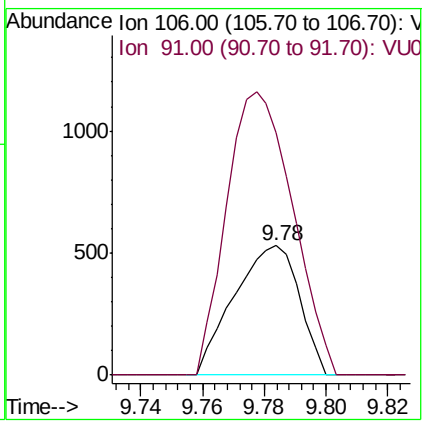


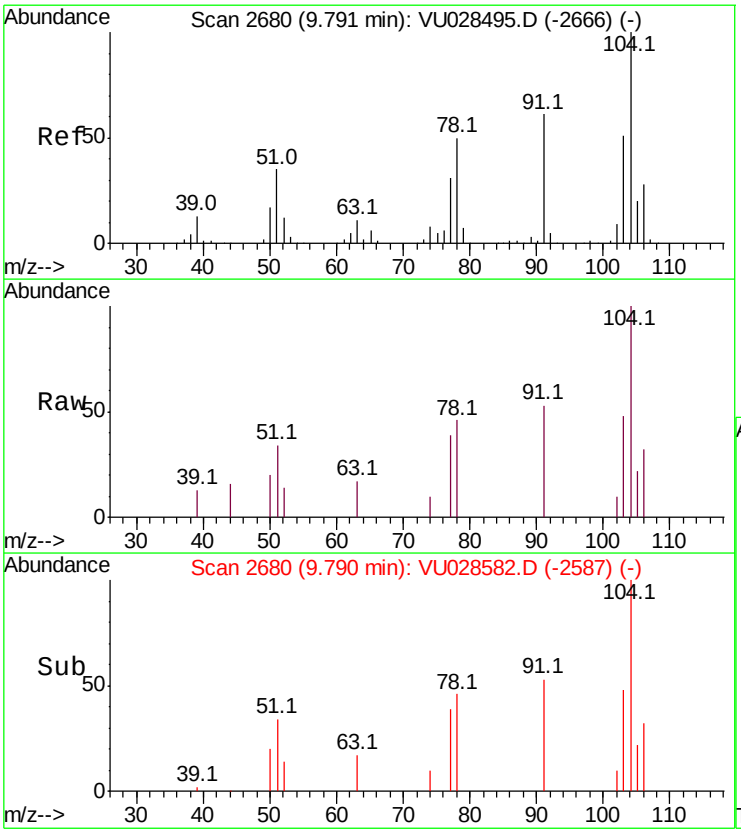
#69
o-Xylene
Concen: 0.419 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion:106 Resp: 779

Ion	Ratio	Lower	Upper
106	100		
91	221.4	111.3	334.0

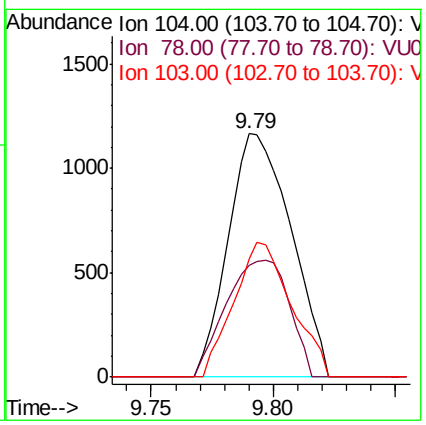


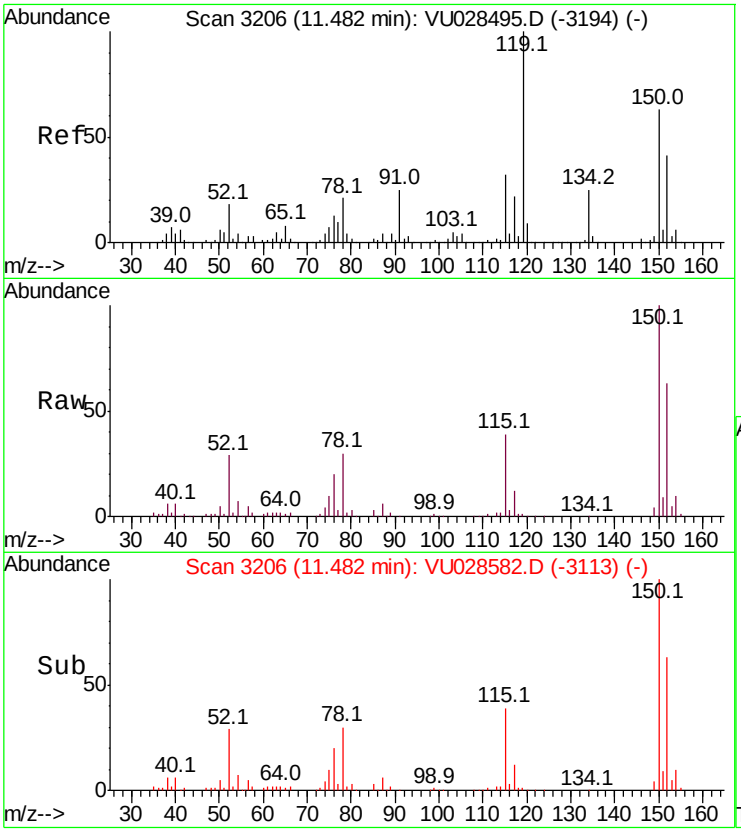


#70
Styrene
Concen: 0.677 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:104 Resp: 2085

Ion	Ratio	Lower	Upper
104	100		
78	48.3	43.0	64.6
103	50.4	44.2	66.4



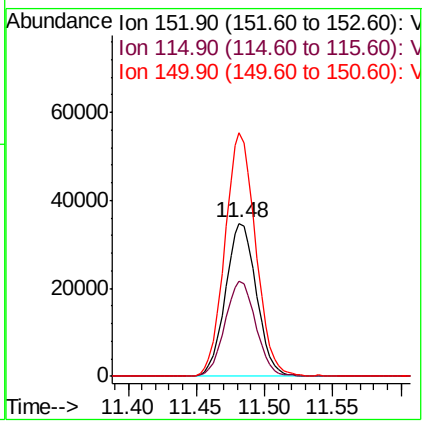


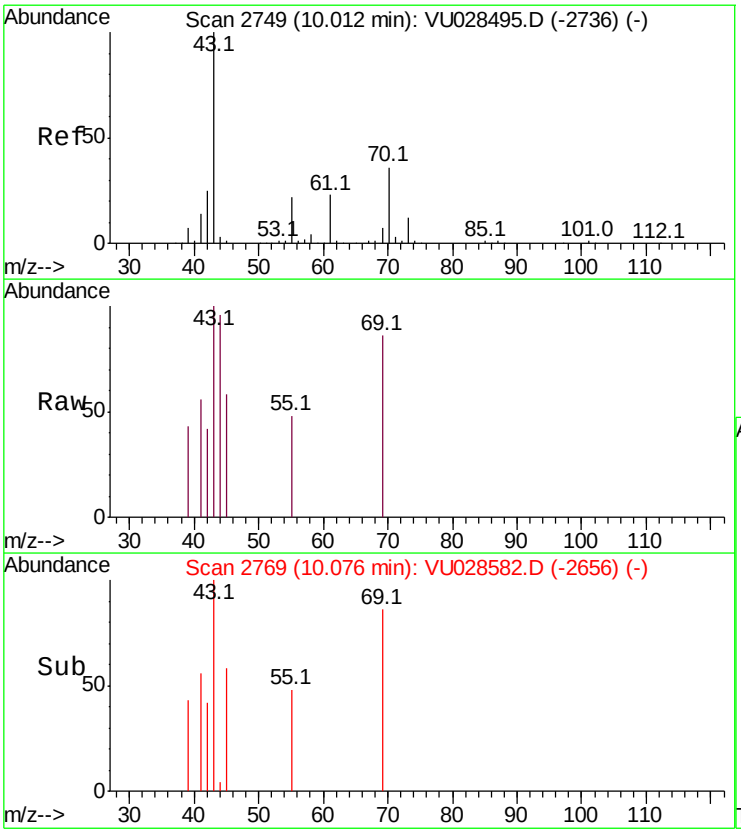
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument : MSVOA_U
ClientSampleId : P001-SW004-02

Tgt Ion:152 Resp: 54870

Ion	Ratio	Lower	Upper
152	100		
115	62.2	42.7	128.1
150	157.6	0.0	346.0

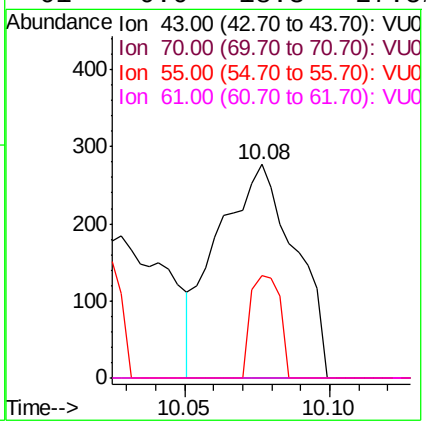


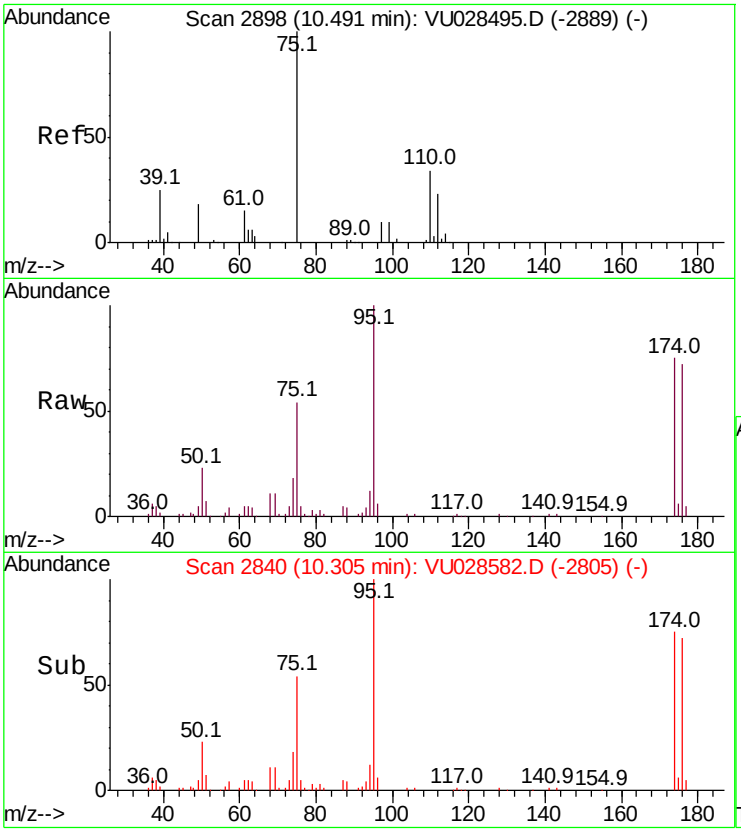


#74
N-amyl acetate
Concen: 0.212 ug/l
RT: 10.08 min Scan# 2769
Delta R.T. 0.06 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion: 43 Resp: 514

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.3	43.9#
55	18.1	18.0	27.0
61	0.0	18.3	27.5#



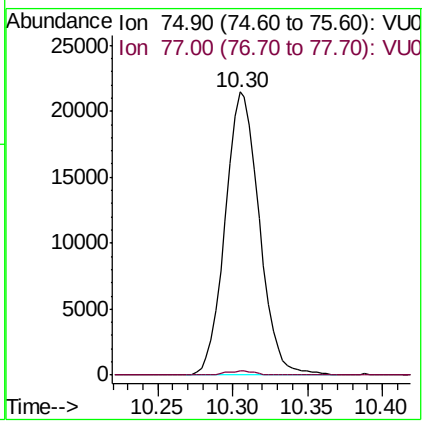


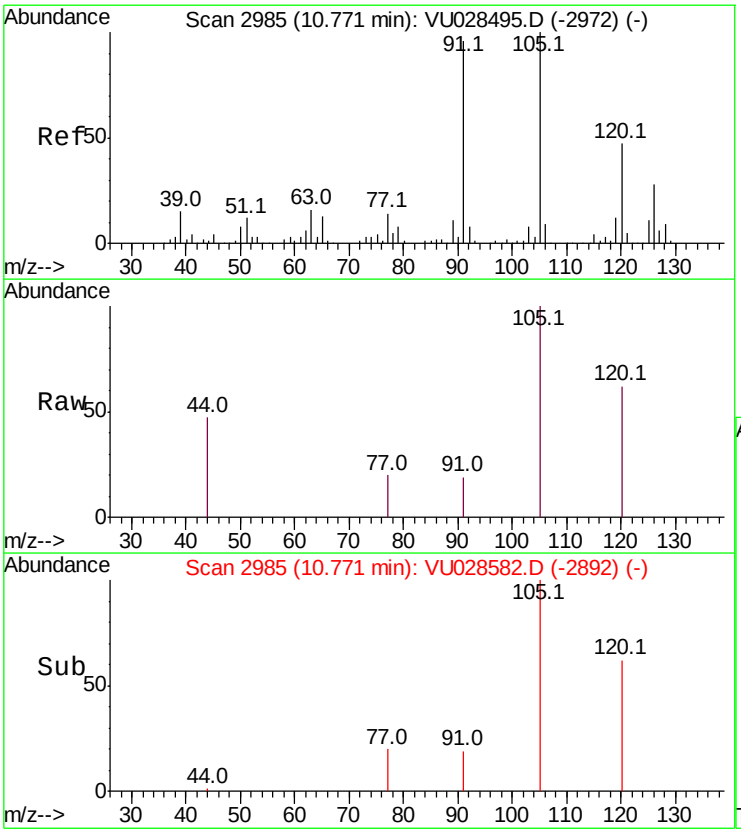
#76
1,2,3-Trichloropropane
Concen: 24.353 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion: 75 Resp: 34122

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.8	62.4#

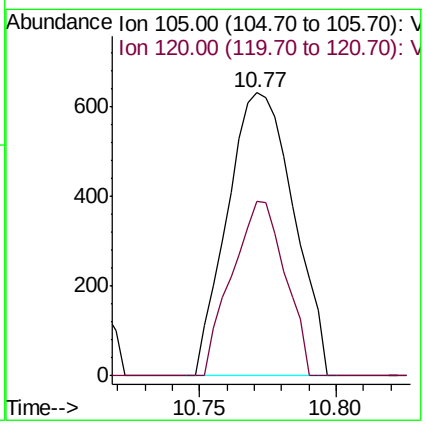


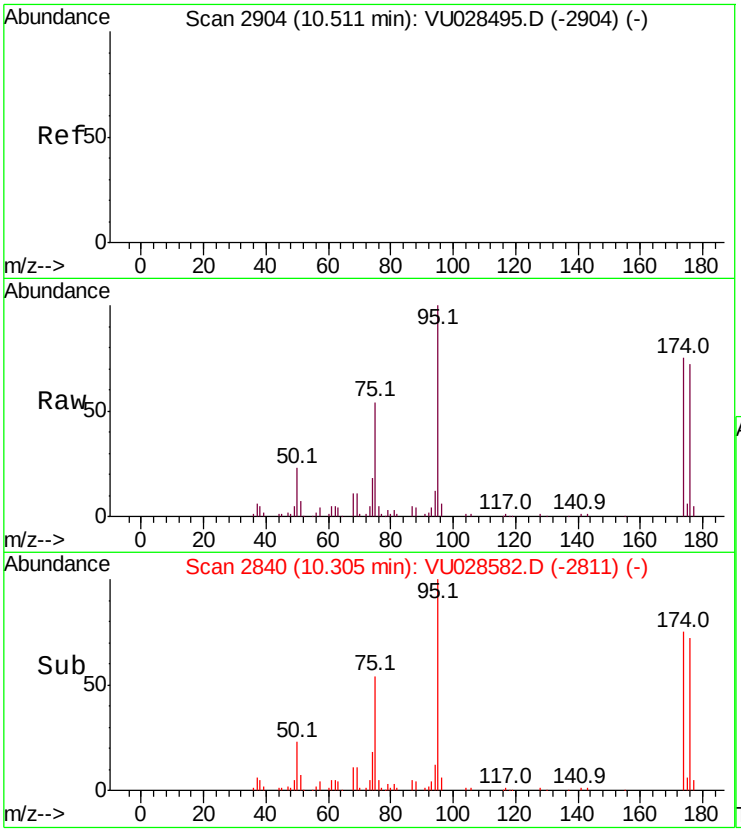


#80
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:105 Resp: 1062

Ion	Ratio	Lower	Upper
105	100		
120	49.6	23.7	71.1



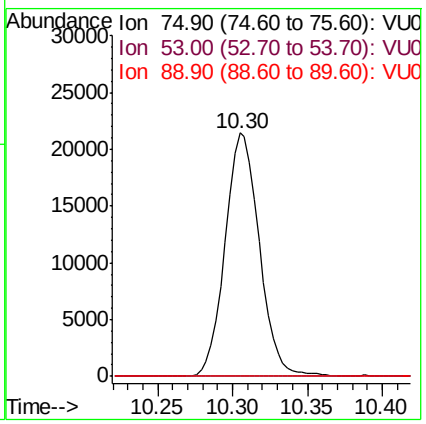


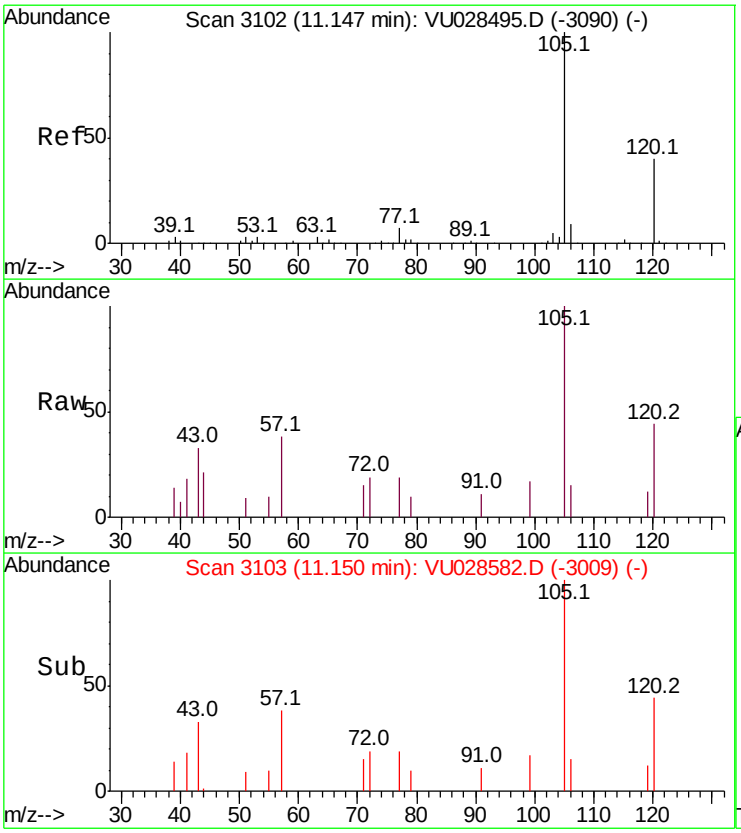
#81
trans-1,4-Dichloro-2-butene
Concen: 59.774 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion: 75 Resp: 34122

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

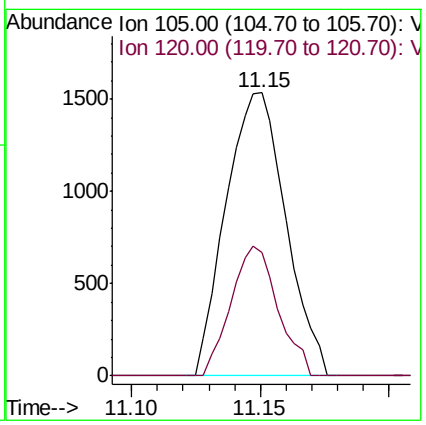


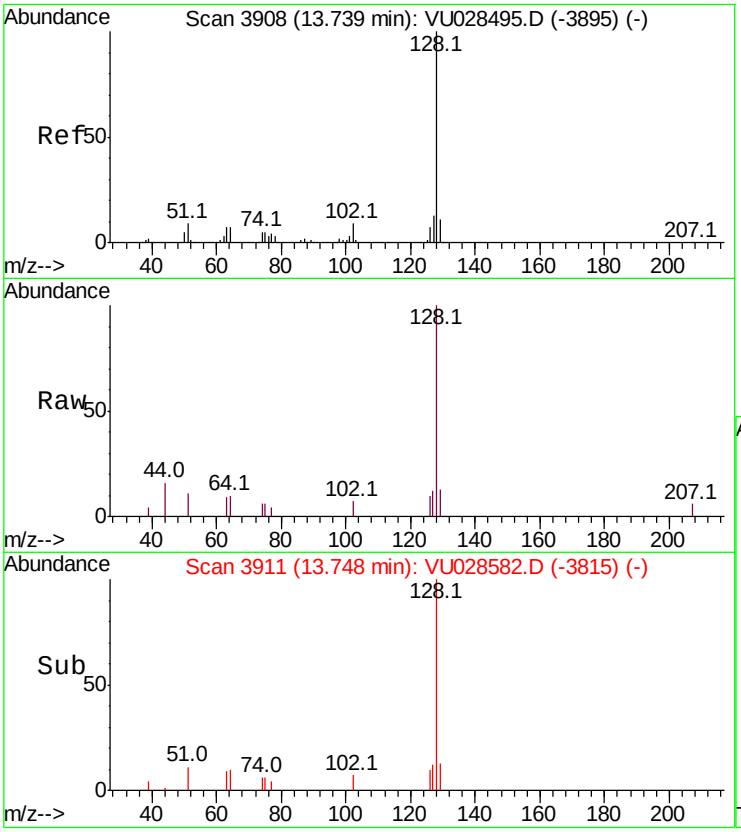


#84
1,2,4-Trimethylbenzene
Concen: 0.692 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Tgt Ion:105 Resp: 2485

Ion	Ratio	Lower	Upper
105	100		
120	36.1	21.8	65.4





#95
Naphthalene
Concen: 0.959 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028582.D
Acq: 11 Dec 2018 04:28

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-02

Tgt Ion:128 Resp: 4281

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	8.9	8.6	13.0