Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
Data File : VU024766.D
Acq On : 20 Jun 2018 18:44
Operator : MD/SY
Sample : J3577-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFB86

Quant Time: Jun 21 07:51:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	186881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	295468	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	268106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	140292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	131670	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.32%			
35) Dibromofluoromethane	4.89	113	114316	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.24%			
50) Toluene-d8	7.57	98	428425	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.80%			
62) 4-Bromofluorobenzene	10.31	95	148862	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.84%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1665	0.697	ug/l	97
5) Bromomethane	1.64	94	777	0.652	ug/l	94
6) Chloroethane	1.70	64	139	Below Cal	#	43
8) Diethyl Ether	2.25	74	41	Below Cal	#	1
10) Methyl Iodide	2.42	142	66	5.318	ug/l #	78
11) Tert butyl alcohol	2.82	59	5656	7.623	ug/l #	91
14) Allyl chloride	2.55	41	2967	0.751	ug/l #	20
16) Acetone	2.32	43	667240	407.045	ug/l	97
20) Methylene Chloride	2.70	84	542	0.211	ug/l #	66
25) 2-Butanone	4.26	43	35826	16.271	ug/l	94
28) Bromochloromethane	4.68	49	1058	0.533	ug/l #	16
30) Chloroform	4.68	83	14212	3.116	ug/l	92
31) Cyclohexane	4.99	56	4463	Below Cal	#	4
36) 1,1-Dichloropropene	4.99	75	13819	3.980	ug/l #	49
37) Ethyl Acetate	4.39	43	1582	0.418	ug/l #	72
38) Carbon Tetrachloride	4.99	117	17737	4.646	ug/l #	16
40) Benzene	5.40	78	5472	0.553	ug/l	94
47) Bromodichloromethane	6.76	83	1287	0.349	ug/l #	89
51) 4-Methyl-2-Pentanone	7.47	43	2862	0.696	ug/l #	74
59) 2-Hexanone	8.37	43	2308	0.688	ug/l	97
60) Dibromochloromethane	8.48	129	2293	0.711	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.21	131	747	0.287	ug/l #	62
71) Bromoform	9.96	173	5764	2.330	ug/l #	100
74) N-amyl acetate	10.03	43	3077	0.601	ug/l #	11
76) 1,2,3-Trichloropropane	10.31	75	76554	24.785	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	76554	57.363	ug/l #	100
90) Hexachloroethane	12.15	117	3128	1.593	ug/l	85
95) Naphthalene	13.75	128	172	0.696	ug/l #	69

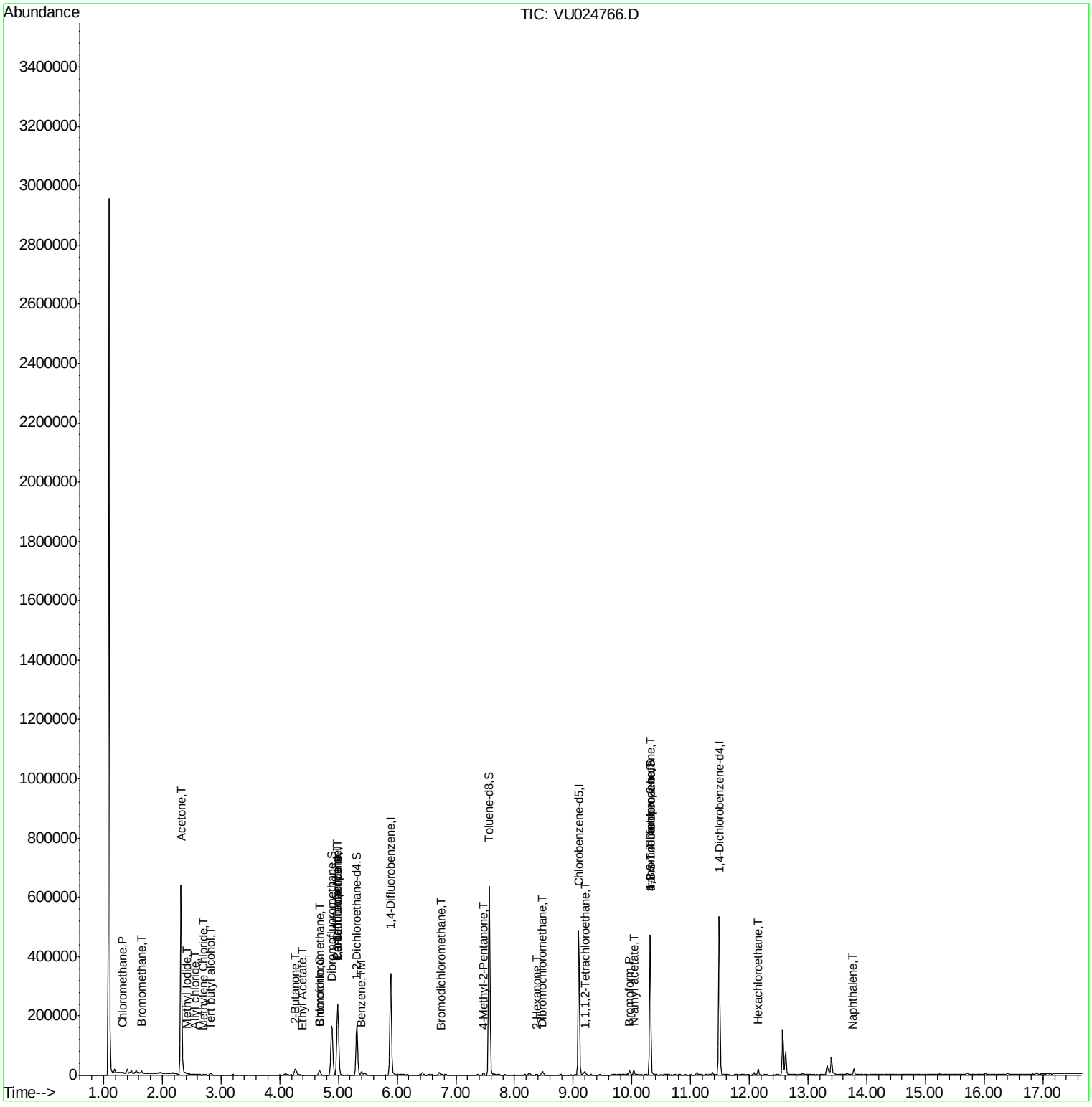
(#) = qualifier out of range (m) = manual integration (+) = signals summed

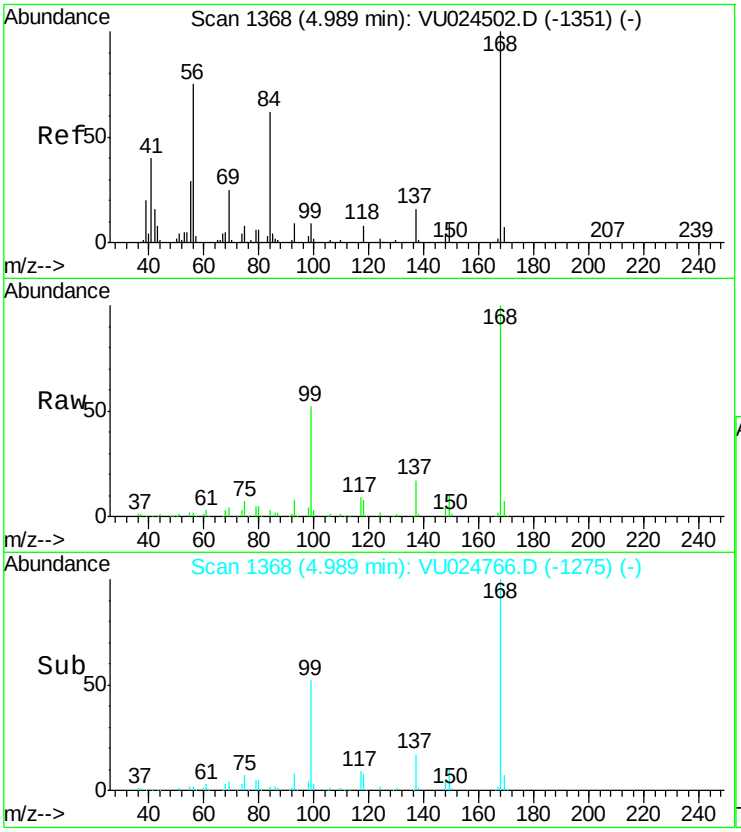
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
Data File : VU024766.D
Acq On : 20 Jun 2018 18:44
Operator : MD/SY
Sample : J3577-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB86

Quant Time: Jun 21 07:51:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration



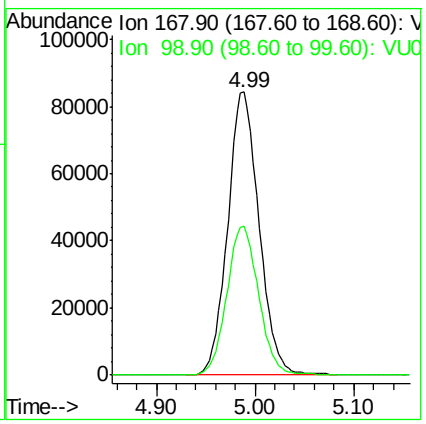


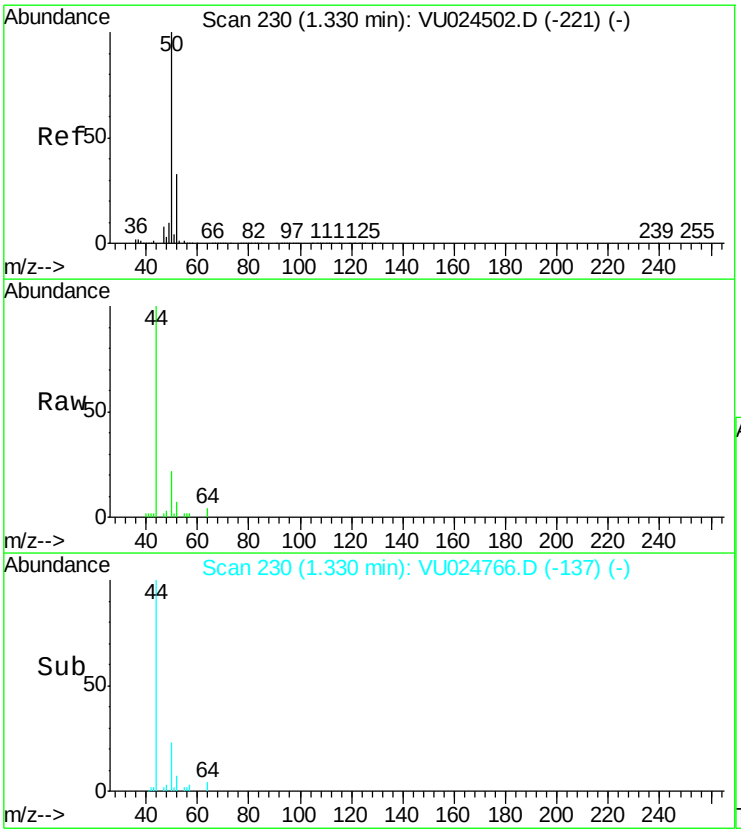
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion:168 Resp: 186881

Ion	Ratio	Lower	Upper
168	100		
99	52.5	43.2	64.8

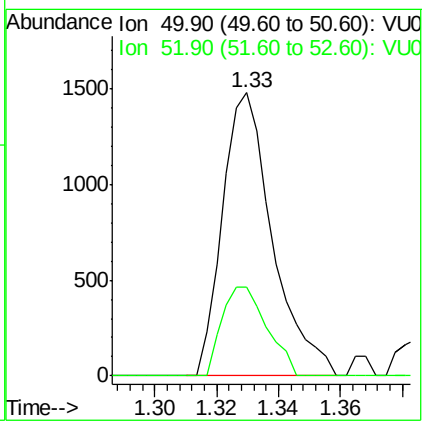


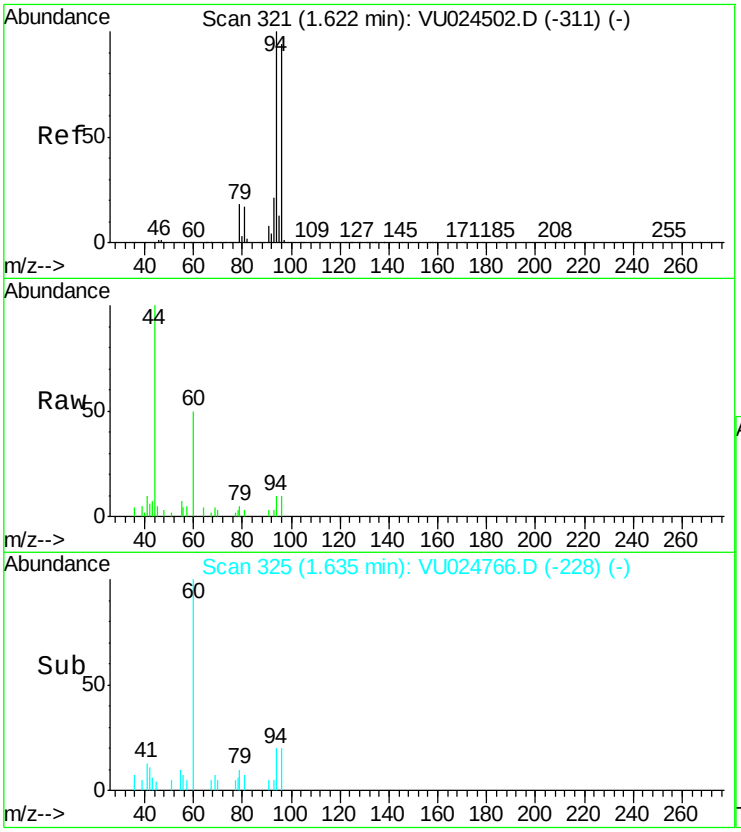


#3
Chloromethane
Concen: 0.697 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 50 Resp: 1665

Ion	Ratio	Lower	Upper
50	100		
52	31.2	26.4	39.6



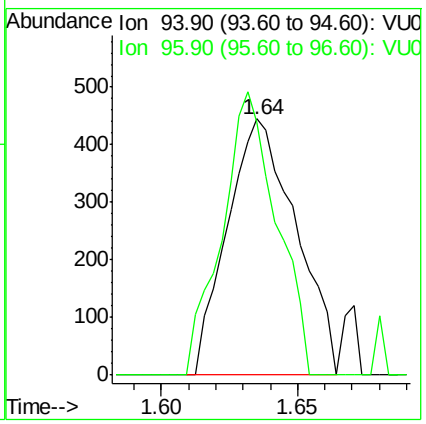


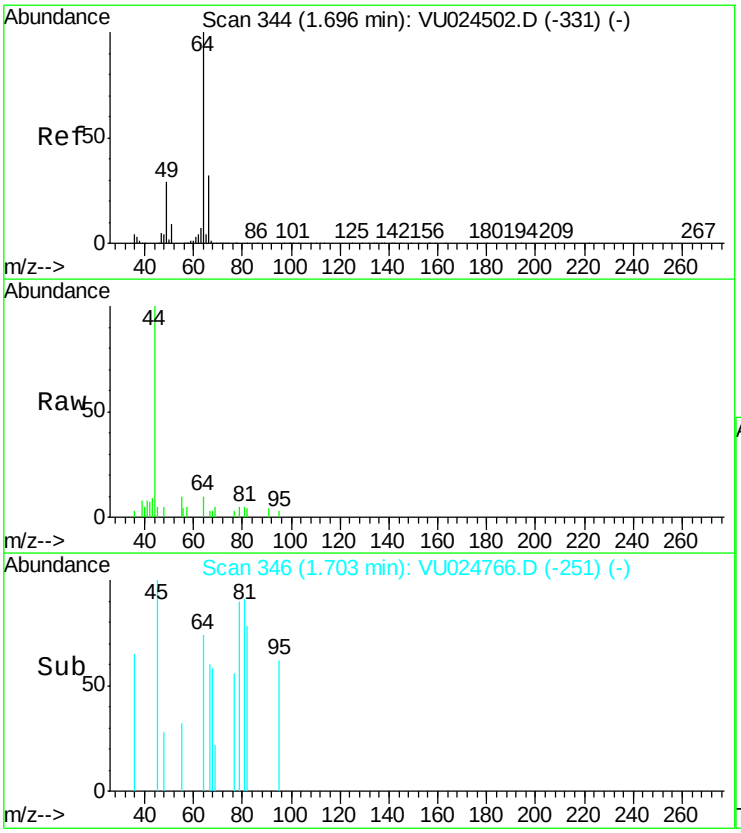
#5
Bromomethane
Concen: 0.652 ug/l
RT: 1.64 min Scan# 325
Delta R.T. 0.01 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
BFB86

Tgt Ion: 94 Resp: 777

Ion	Ratio	Lower	Upper
94	100		
96	98.7	74.5	111.7

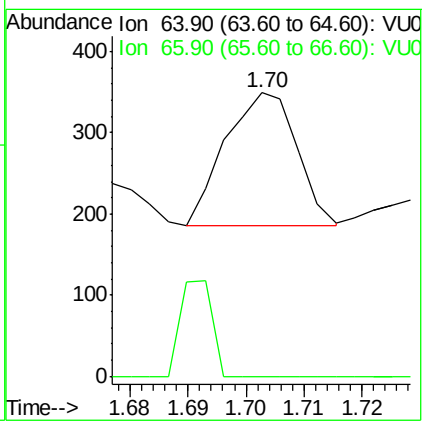


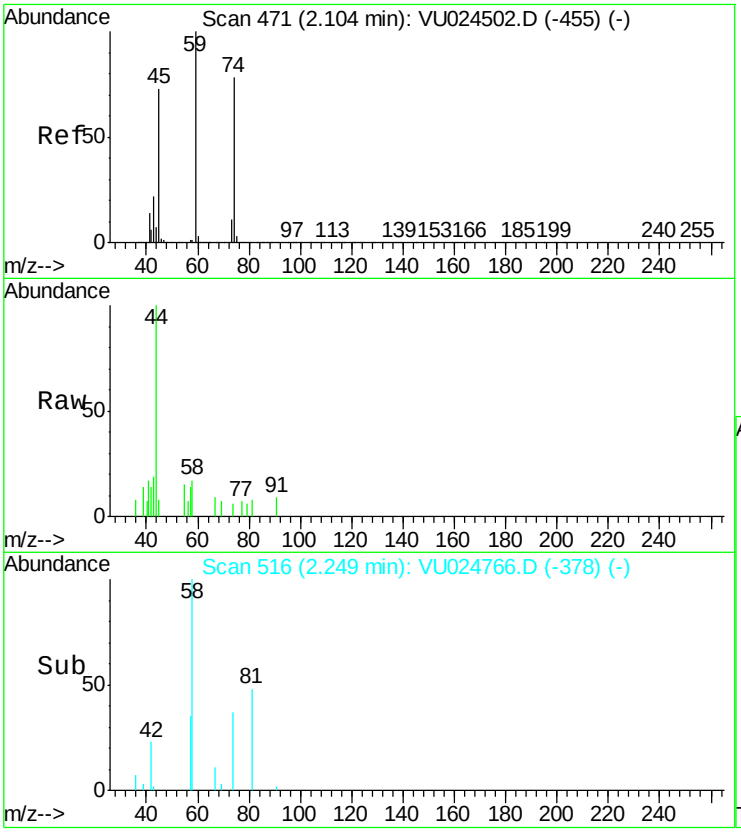


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 346
Delta R.T. 0.01 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 64 Resp: 139

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



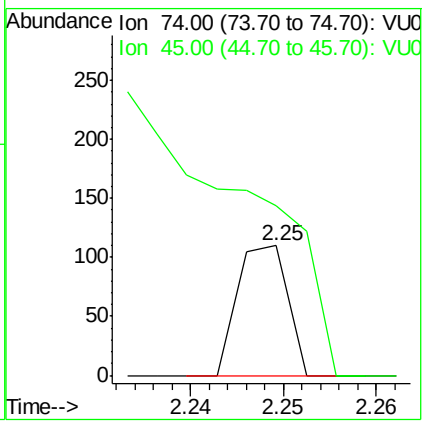


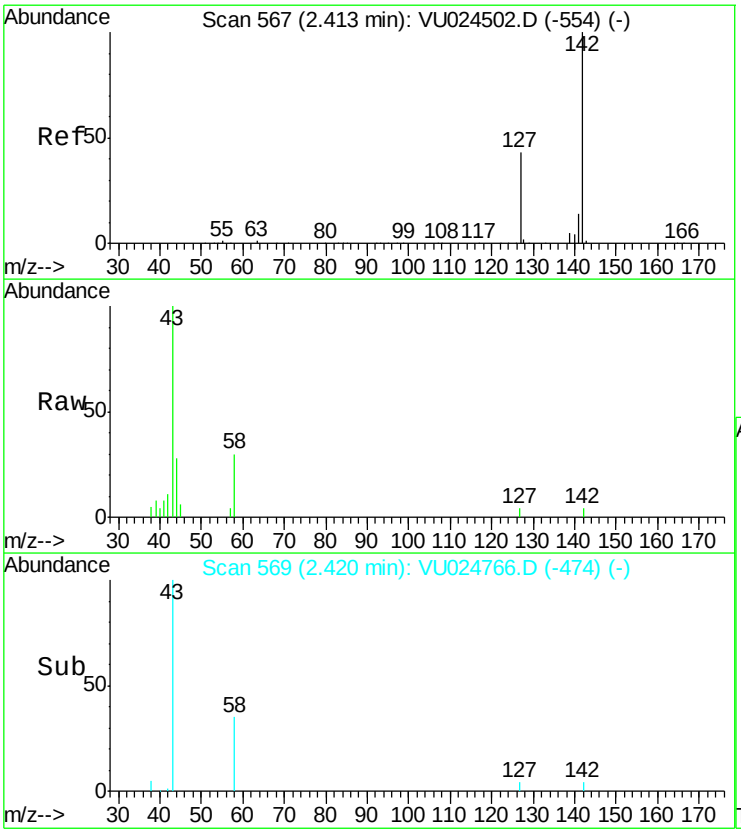
#8
Diethyl Ether
Concen: Below Cal
RT: 2.25 min Scan# 516
Delta R.T. 0.15 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion: 74 Resp: 41

Ion	Ratio	Lower	Upper
74	100		
45	1090.2	55.0	165.0#

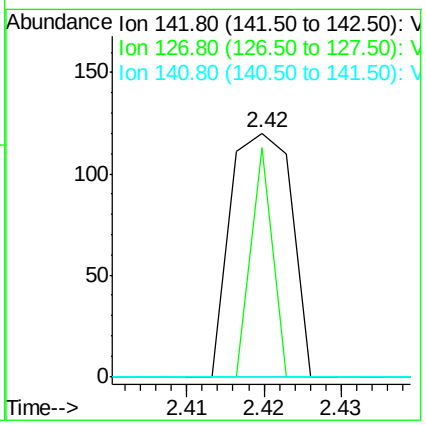


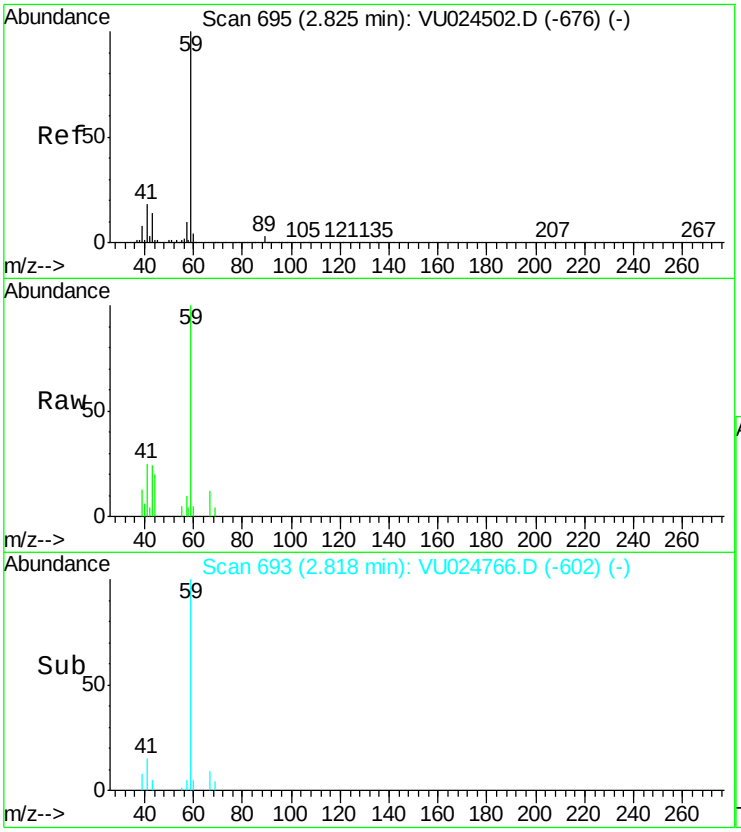


#10
Methyl Iodide
Concen: 5.318 ug/l
RT: 2.42 min Scan# 569
Delta R.T. 0.01 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion:142 Resp: 66

Ion	Ratio	Lower	Upper
142	100		
127	33.3	35.6	53.4#
141	0.0	11.7	17.5#



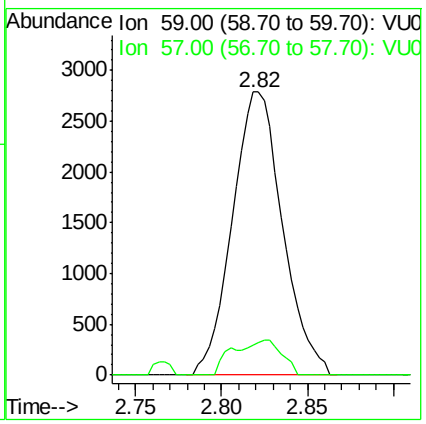


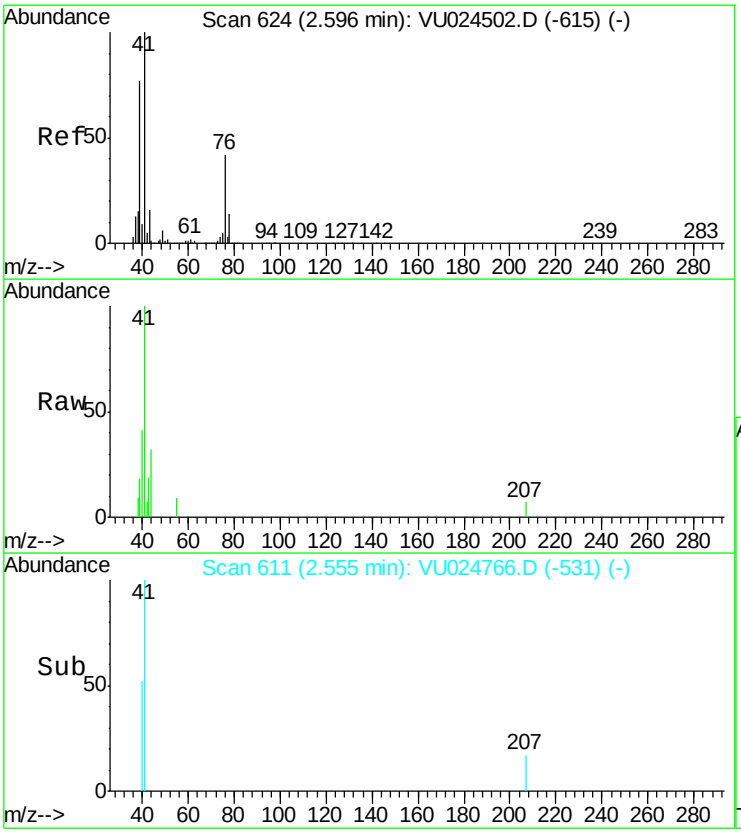
#11
Tert butyl alcohol
Concen: 7.623 ug/l
RT: 2.82 min Scan# 693
Delta R.T. -0.01 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion: 59 Resp: 5656

Ion	Ratio	Lower	Upper
59	100		
57	7.1	8.5	12.7#

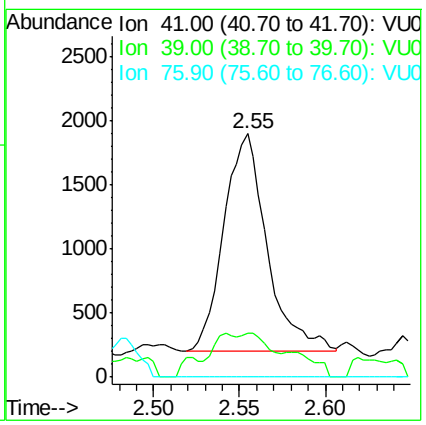


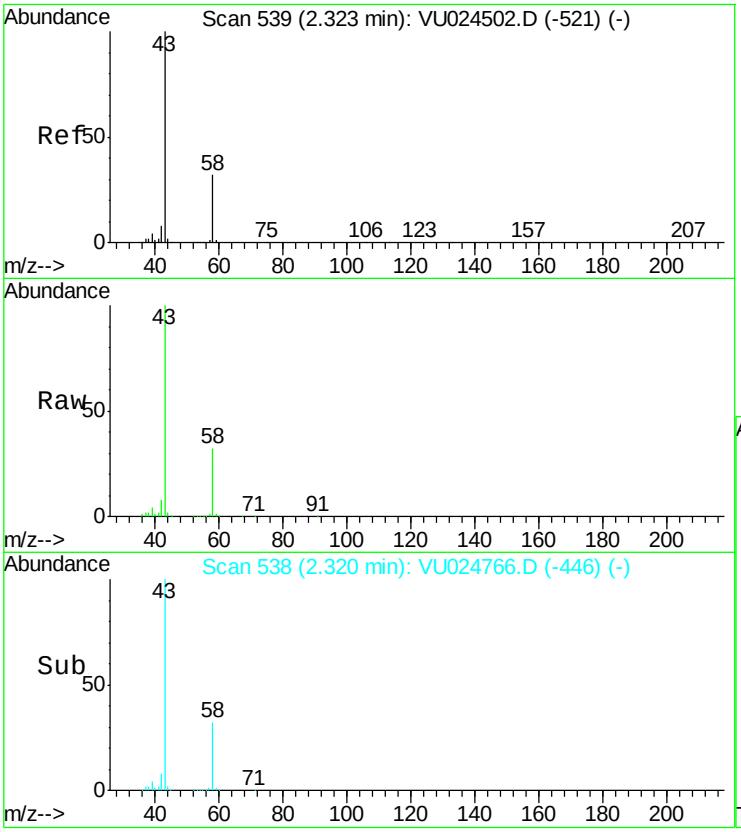


#14
Allyl chloride
Concen: 0.751 ug/l
RT: 2.55 min Scan# 611
Delta R.T. -0.04 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 41 Resp: 2967

Ion	Ratio	Lower	Upper
41	100		
39	0.0	61.6	92.4#
76	0.0	29.7	44.5#



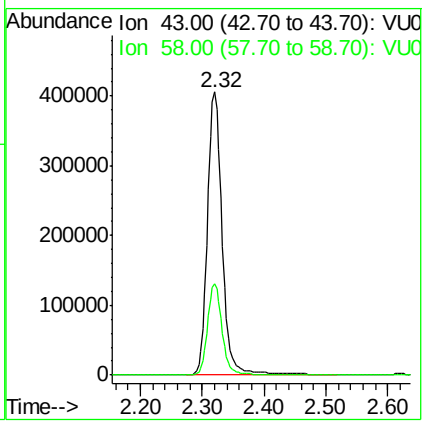


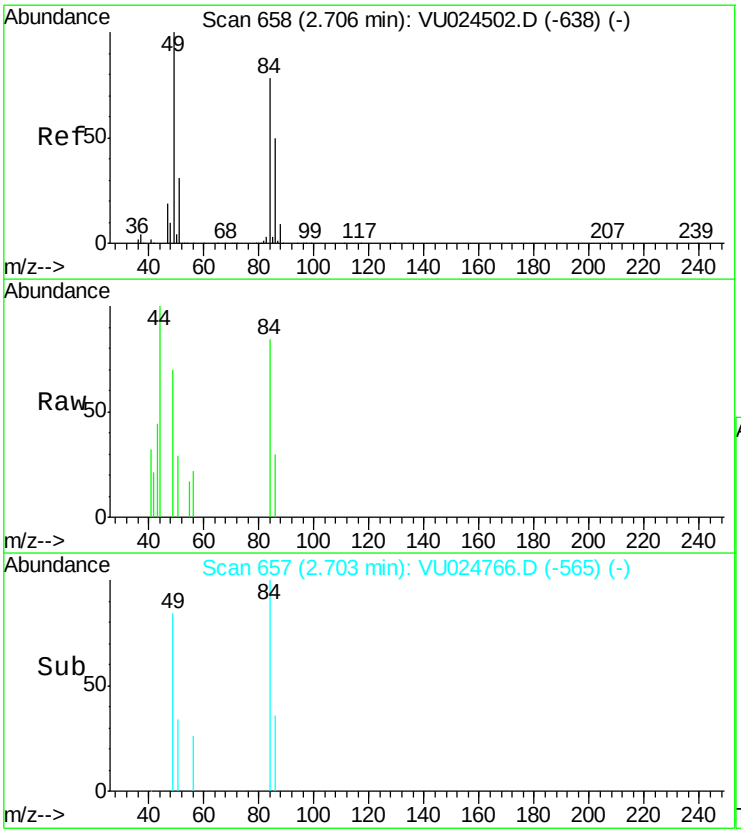
#16
Acetone
Concen: 407.045 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
BFB86

Tgt Ion: 43 Resp: 667240

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.4	36.6

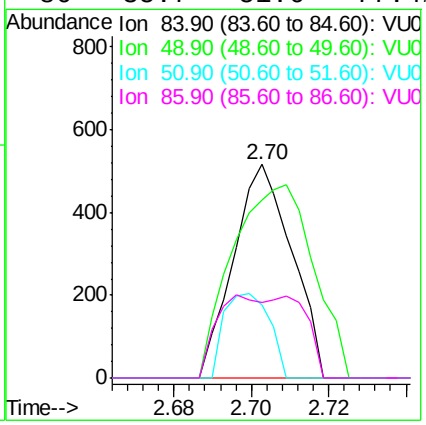


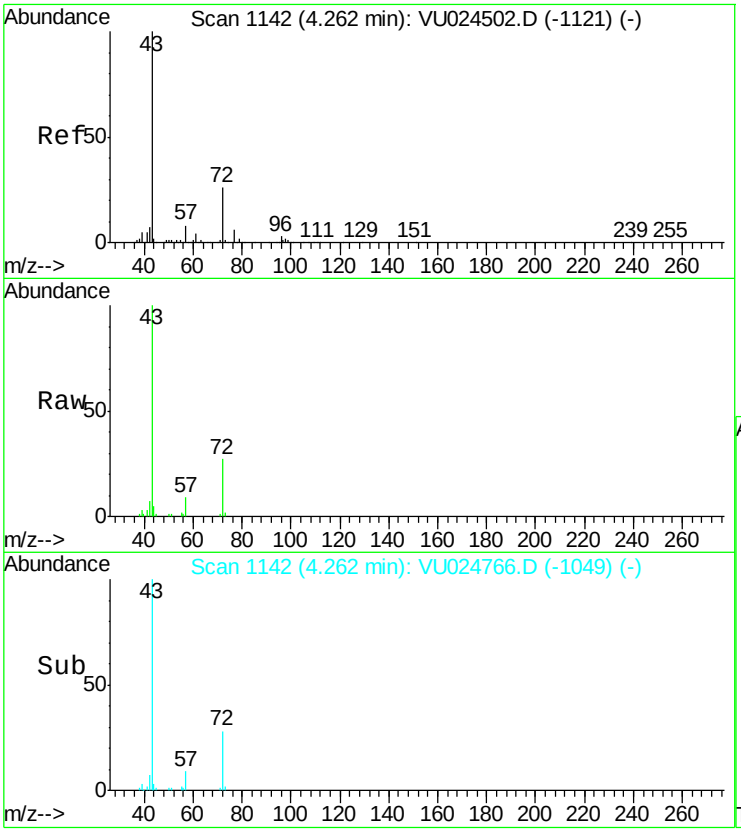


#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 84 Resp: 542

Ion	Ratio	Lower	Upper
84	100		
49	83.5	103.8	155.8#
51	34.3	32.0	48.0
86	35.7	51.6	77.4#



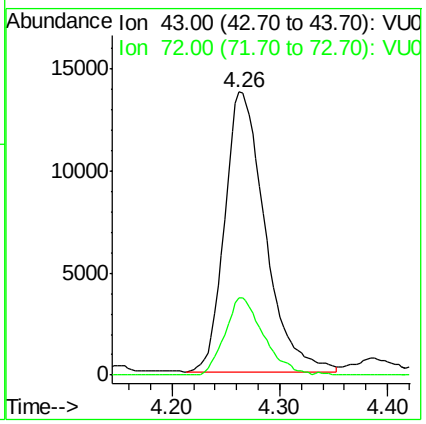


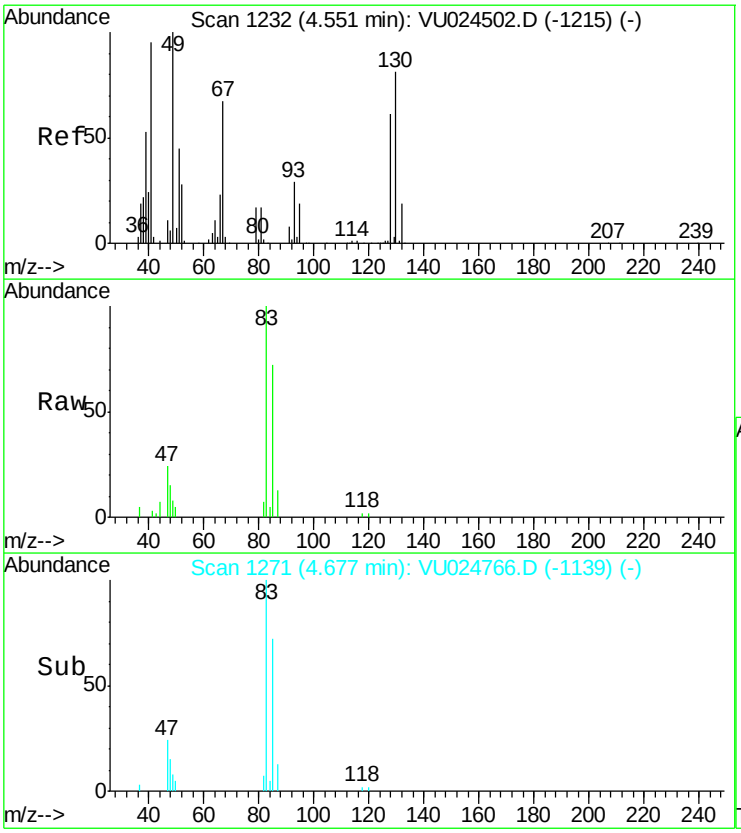
#25
2-Butanone
Concen: 16.271 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion: 43 Resp: 35826

Ion	Ratio	Lower	Upper
43	100		
72	27.6	19.6	29.4

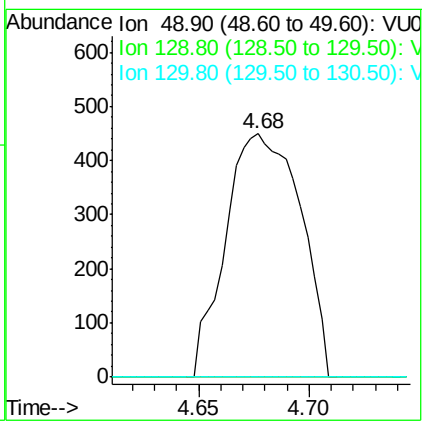


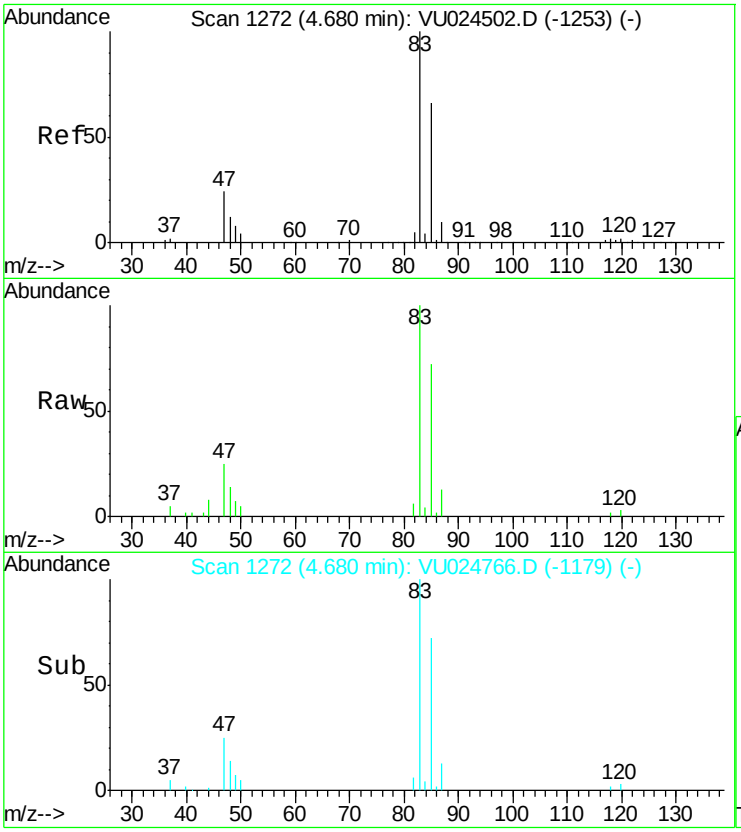


#28
Bromochloromethane
Concen: 0.533 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.13 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 49 Resp: 1058

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	57.8	86.6#



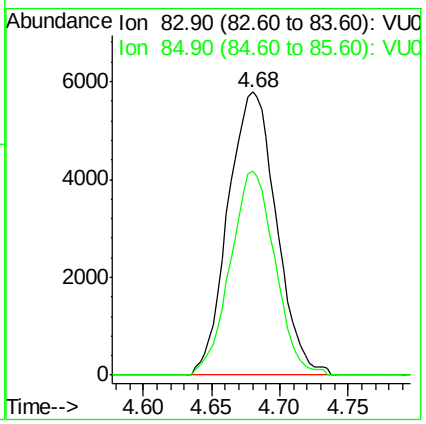


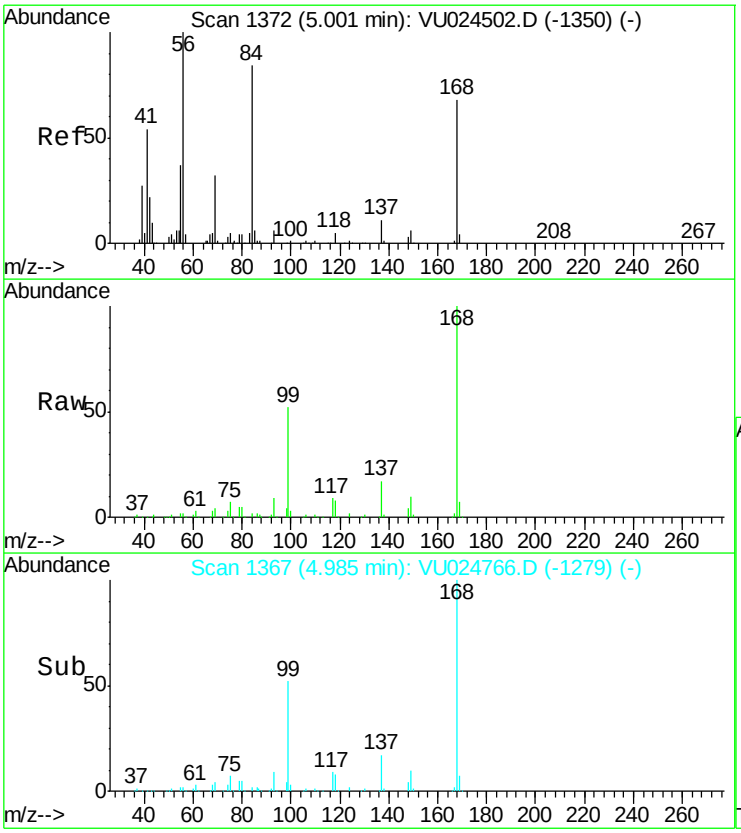
#30
Chloroform
Concen: 3.116 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion: 83 Resp: 14212

Ion	Ratio	Lower	Upper
83	100		
85	72.0	52.4	78.6

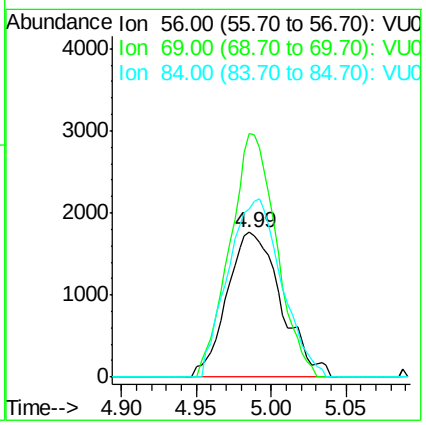


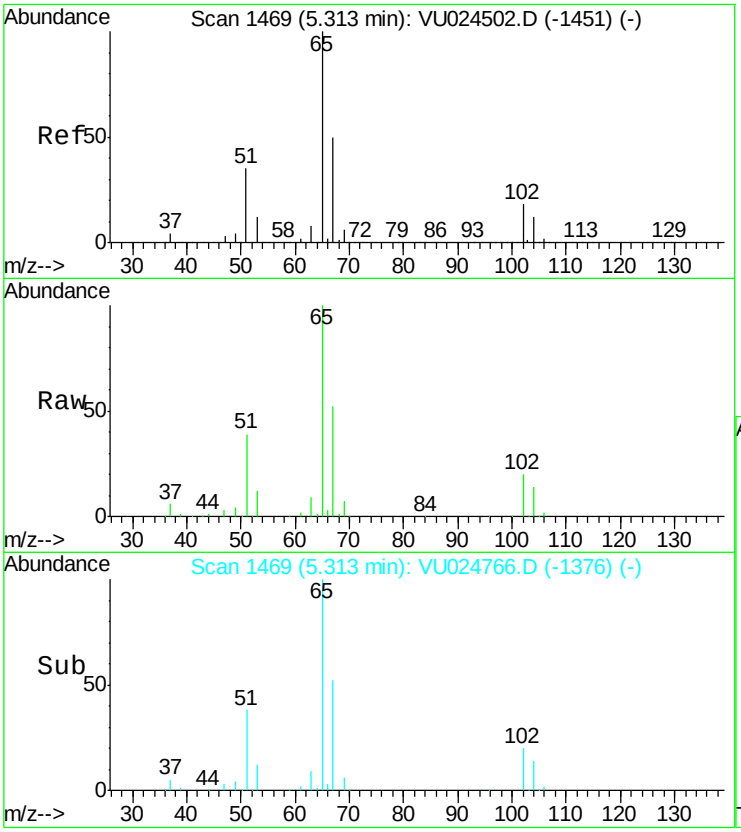


#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 56 Resp: 4463

Ion	Ratio	Lower	Upper
56	100		
69	168.0	24.8	37.2#
84	115.7	65.2	97.8#



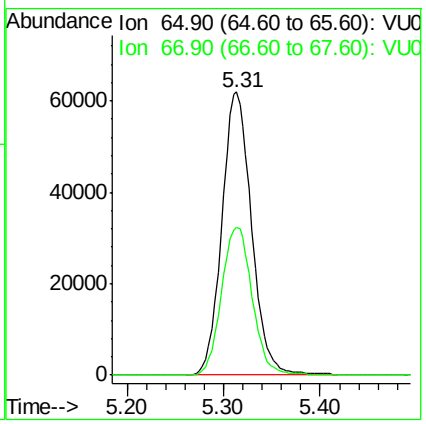


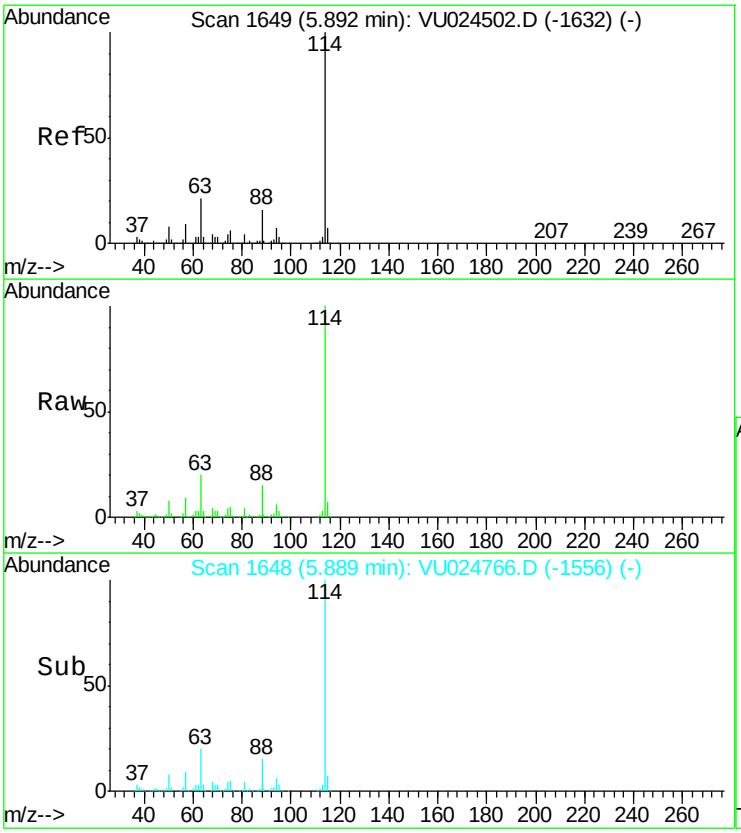
#33
1,2-Dichloroethane-d4
Concen: 43.158 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
BFB86

Tgt Ion: 65 Resp: 131670

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.0

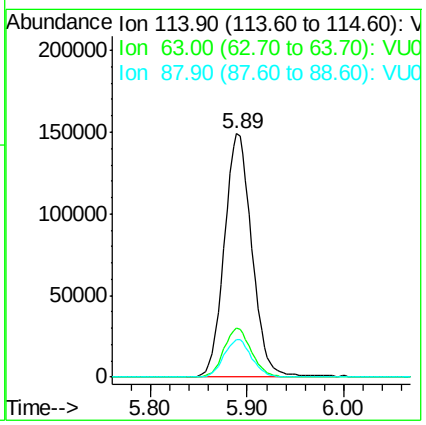


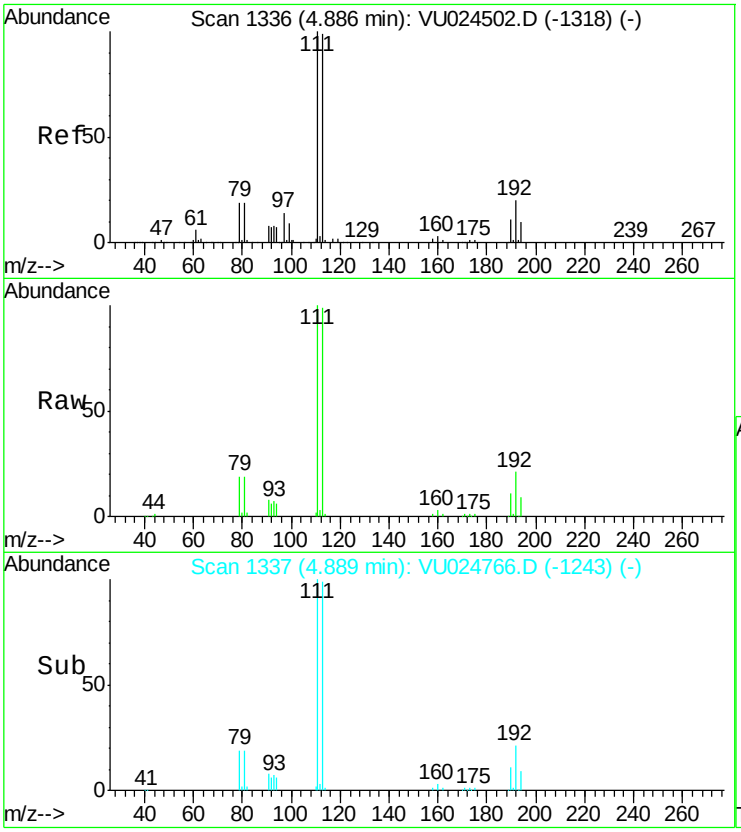


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion:114 Resp: 295468

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	45.4
88	15.2	0.0	31.0



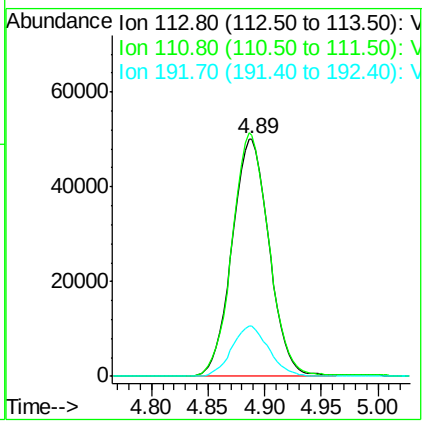


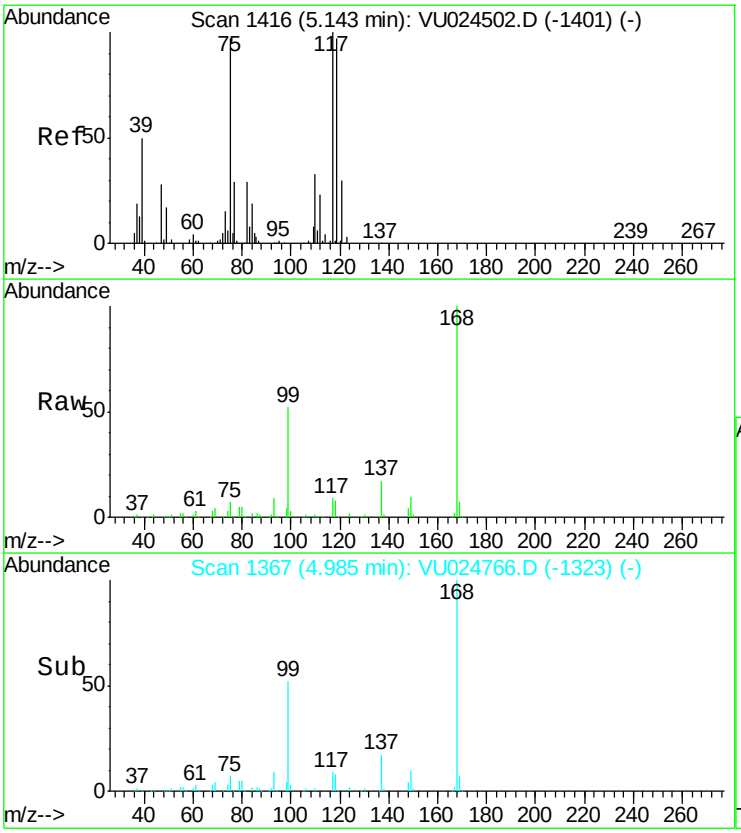
#35
Dibromofluoromethane
Concen: 46.619 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
BFB86

Tgt Ion:113 Resp: 114316

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	21.1	16.2	24.4

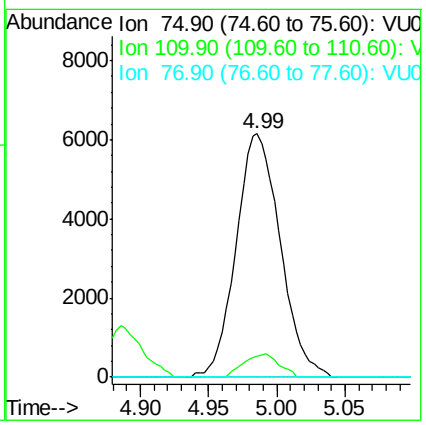


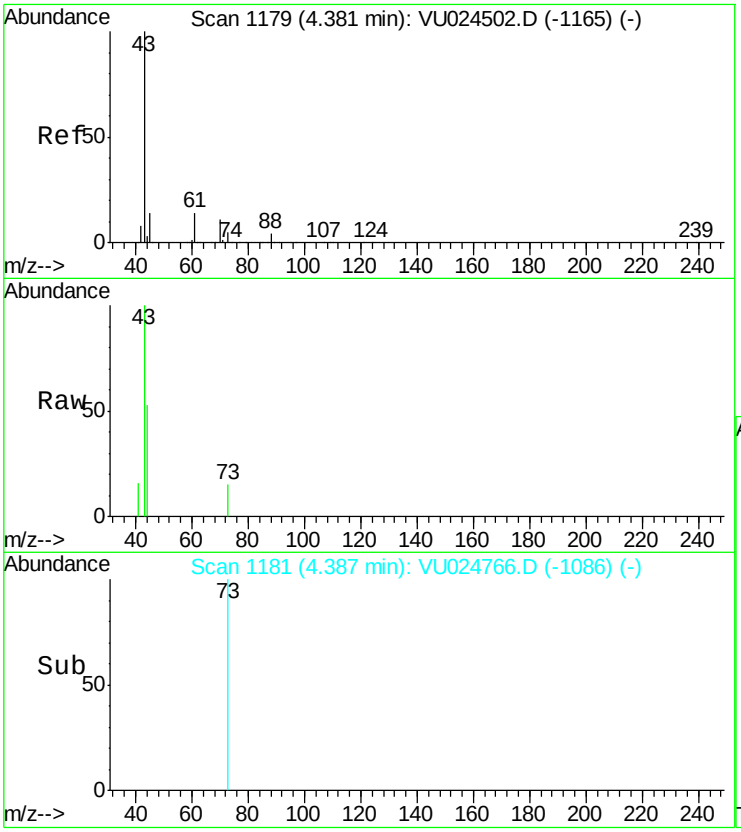


#36
1,1-Dichloropropene
Concen: 3.980 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.16 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 75 Resp: 13819

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.0	50.9#
77	0.0	24.2	36.4#



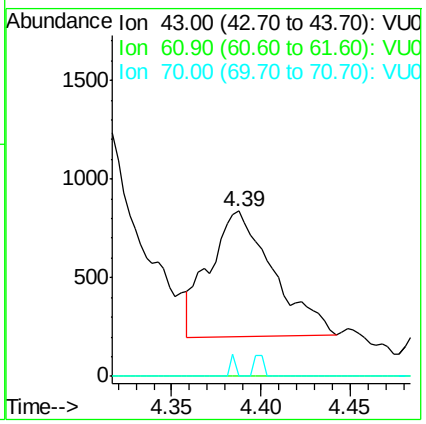


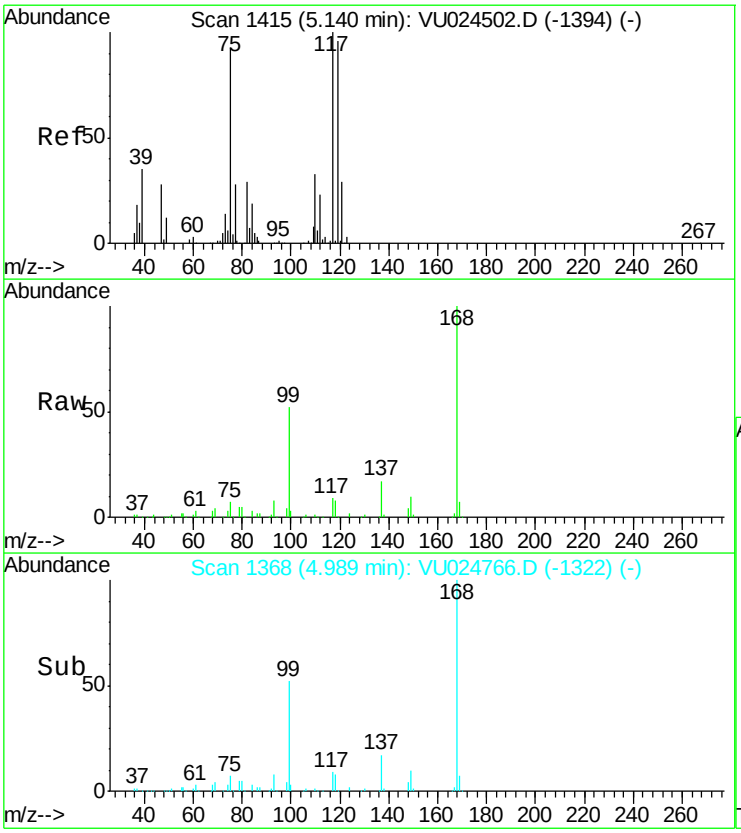
#37
Ethyl Acetate
Concen: 0.418 ug/l
RT: 4.39 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion: 43 Resp: 1582

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	1.4	7.4	11.2#

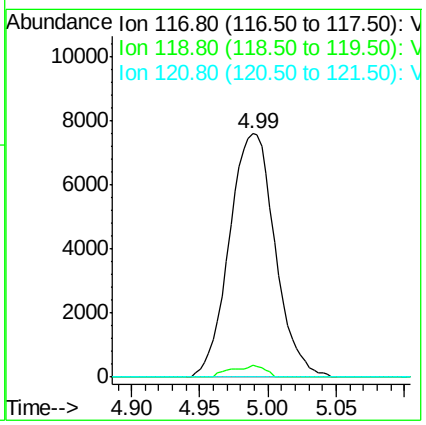


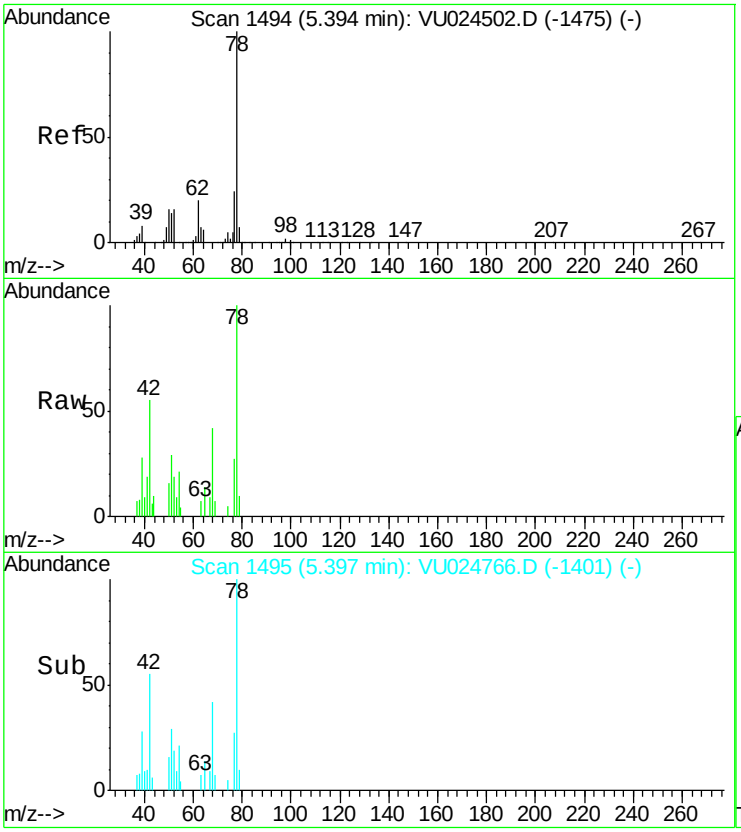


#38
Carbon Tetrachloride
Concen: 4.646 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion:117 Resp: 17737

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.1	114.1#
121	0.0	23.7	35.5#



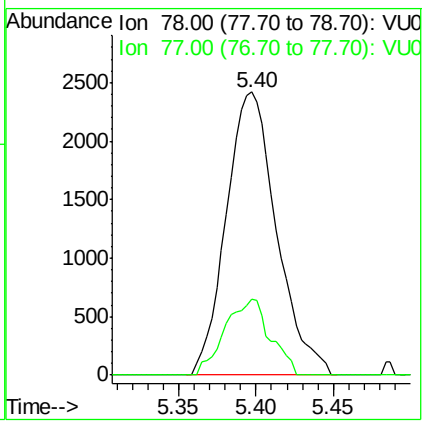


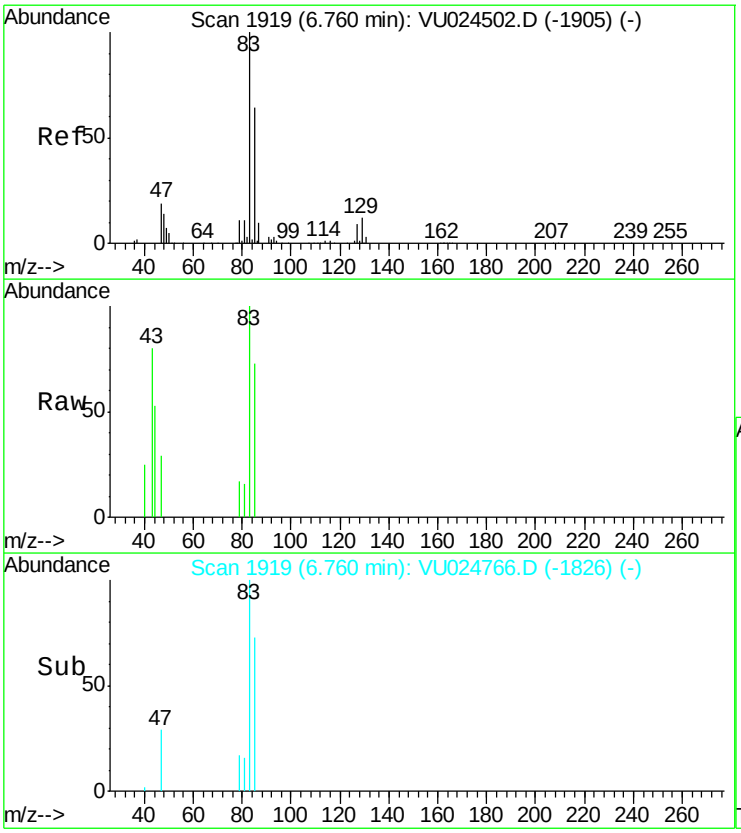
#40
Benzene
Concen: 0.553 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
BFB86

Tgt Ion: 78 Resp: 5472

Ion	Ratio	Lower	Upper
78	100		
77	27.0	19.2	28.8

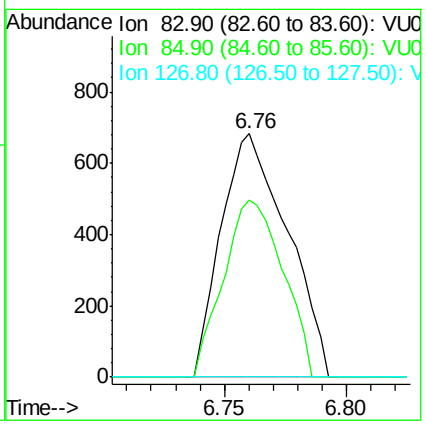


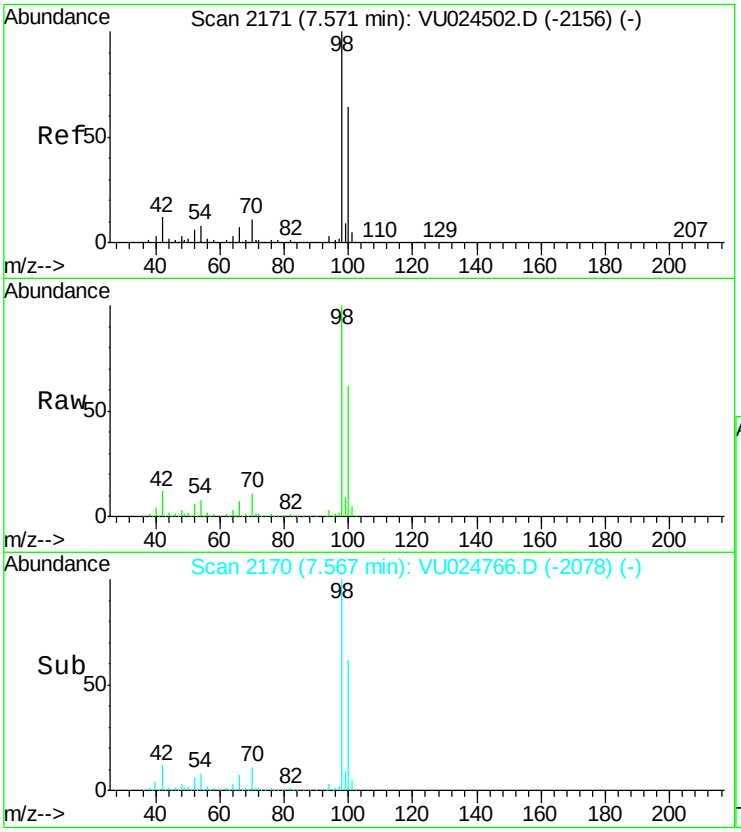


#47
Bromodichloromethane
Concen: 0.349 ug/l
RT: 6.76 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 83 Resp: 1287

Ion	Ratio	Lower	Upper
83	100		
85	72.6	51.9	77.9
127	0.0	6.6	9.8#



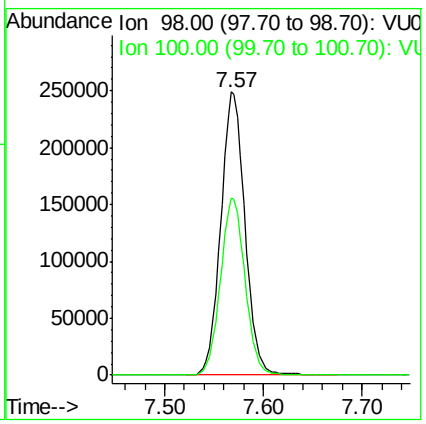


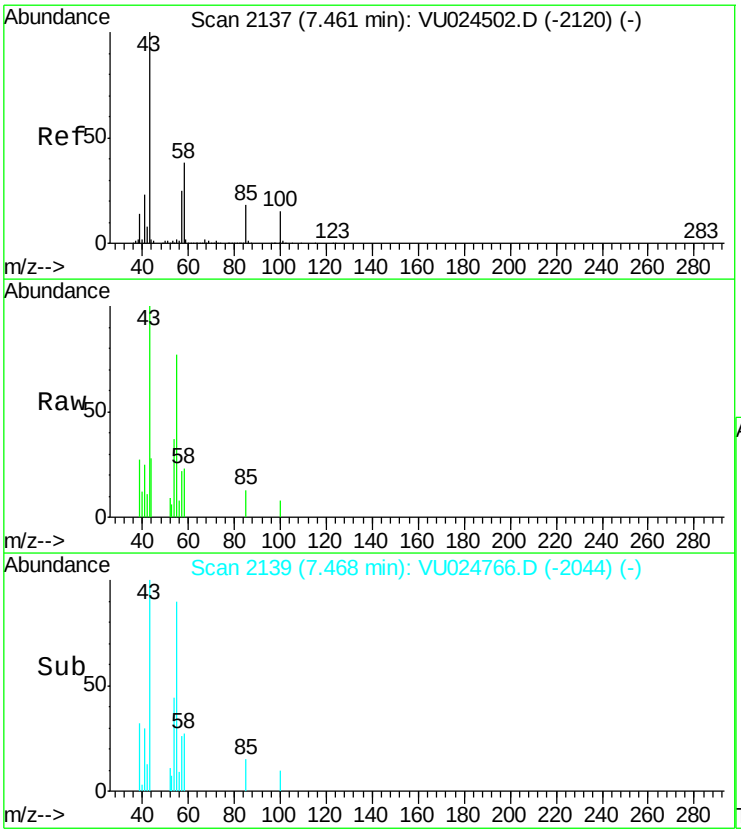
#50
Toluene-d8
Concen: 47.898 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion: 98 Resp: 428425

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7

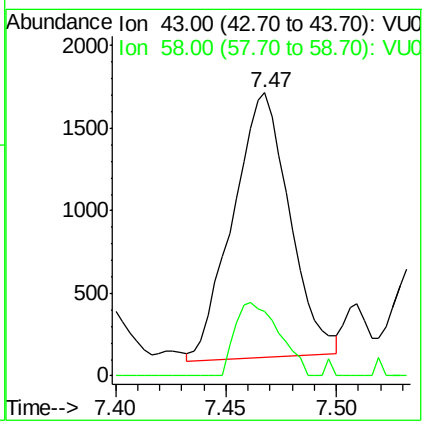


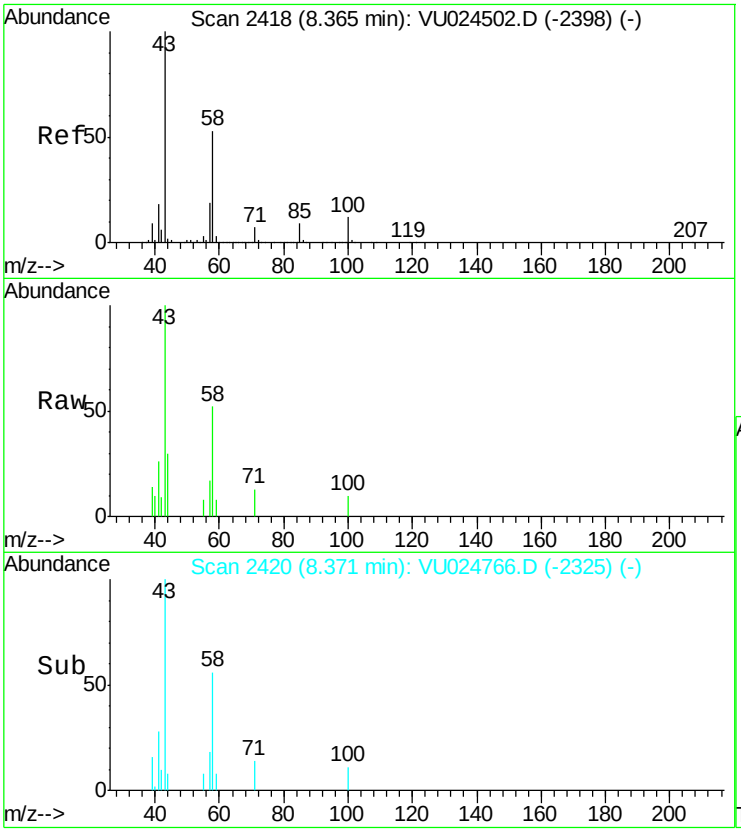


#51
4-Methyl-2-Pentanone
Concen: 0.696 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.01 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 43 Resp: 2862

Ion	Ratio	Lower	Upper
43	100		
58	21.8	30.0	45.0#



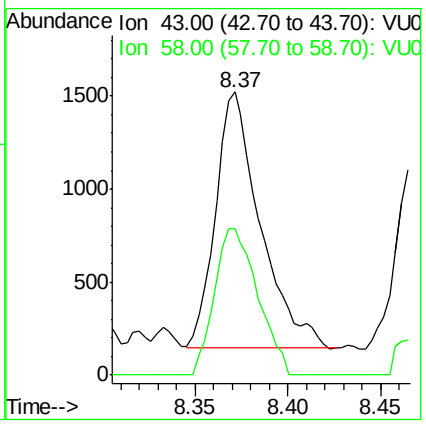


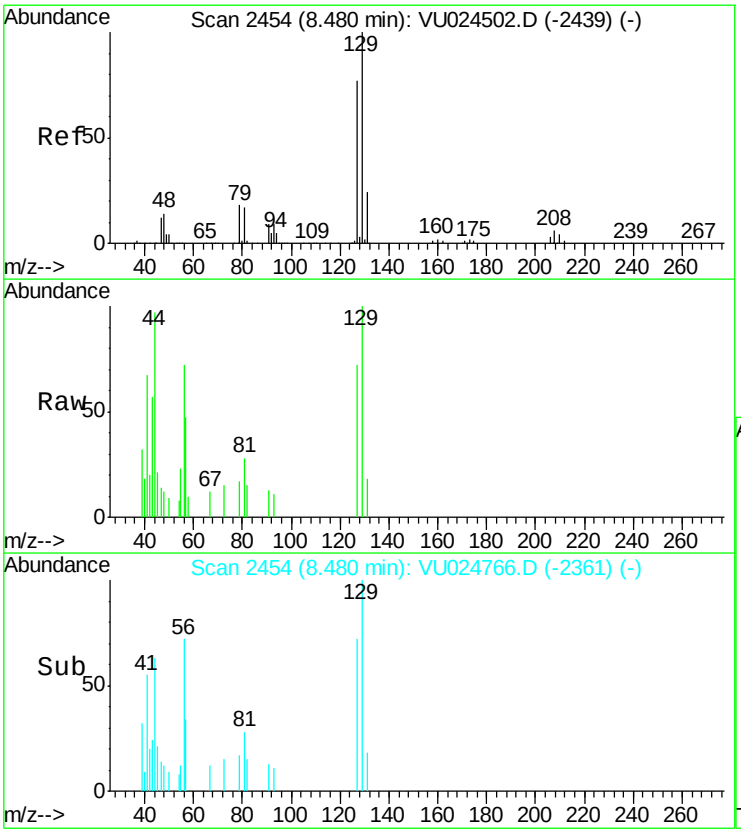
#59
2-Hexanone
Concen: 0.688 ug/l
RT: 8.37 min Scan# 2420
Delta R.T. 0.01 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion: 43 Resp: 2308

Ion	Ratio	Lower	Upper
43	100		
58	54.9	26.4	79.0

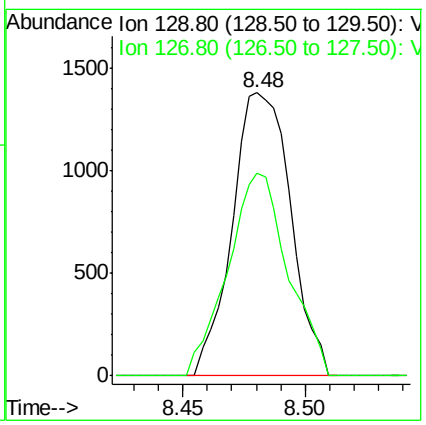


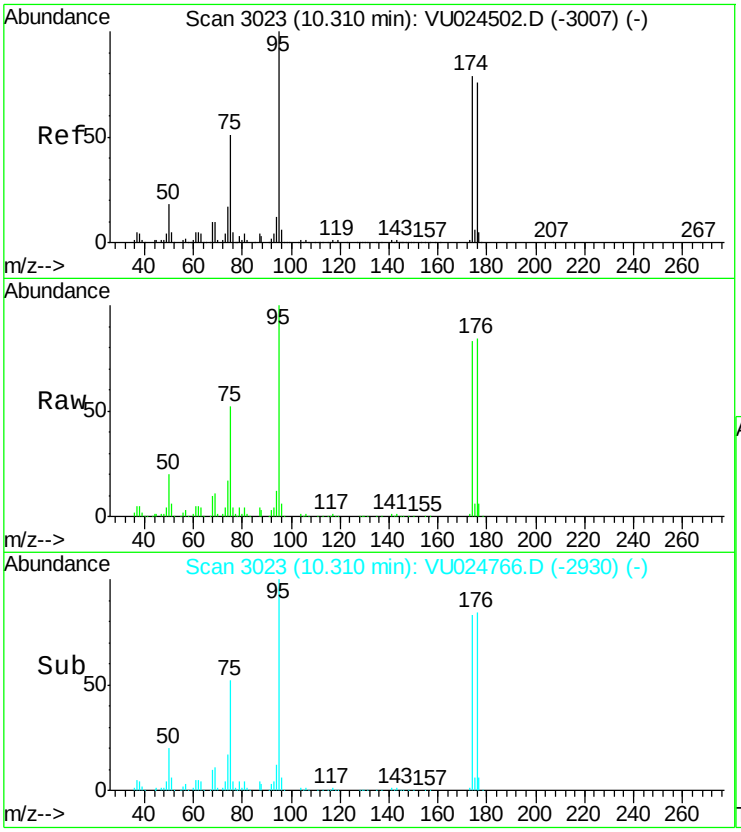


#60
Dibromochloromethane
Concen: 0.711 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion:129 Resp: 2293

Ion	Ratio	Lower	Upper
129	100		
127	73.9	38.6	116.0



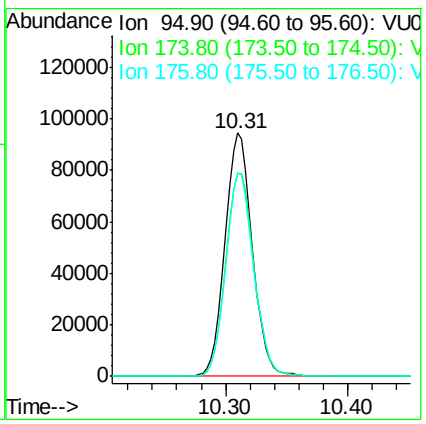


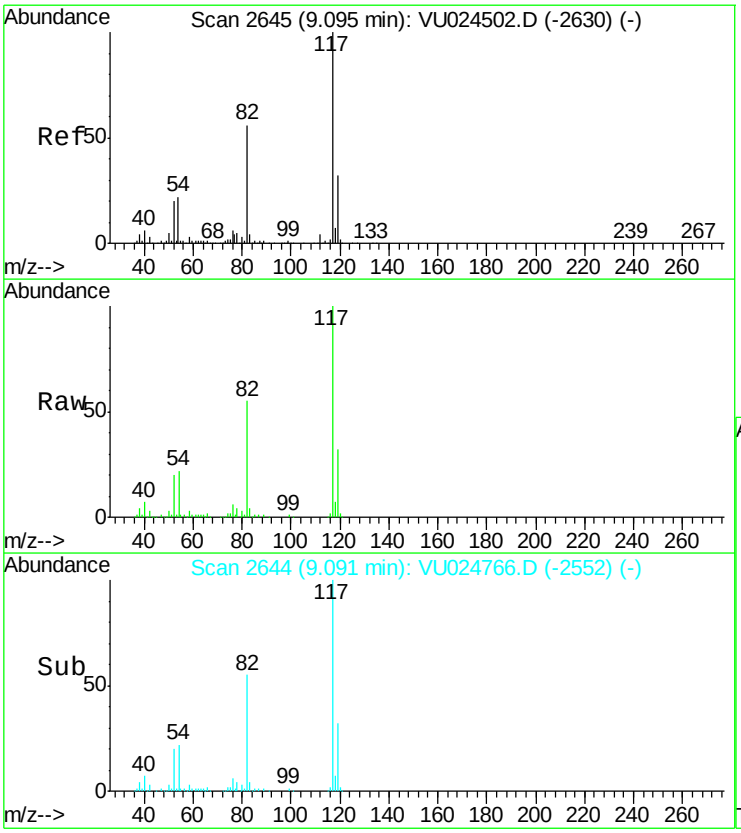
#62
4-Bromofluorobenzene
Concen: 41.917 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion: 95 Resp: 148862

Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	165.8
176	85.0	0.0	159.4

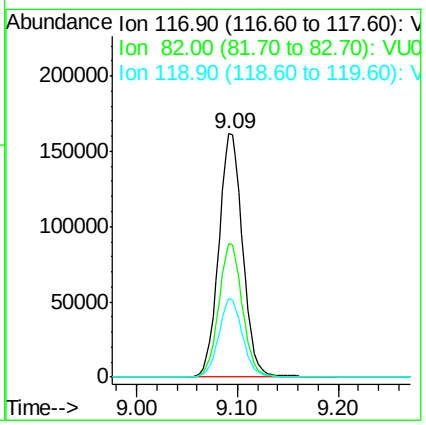


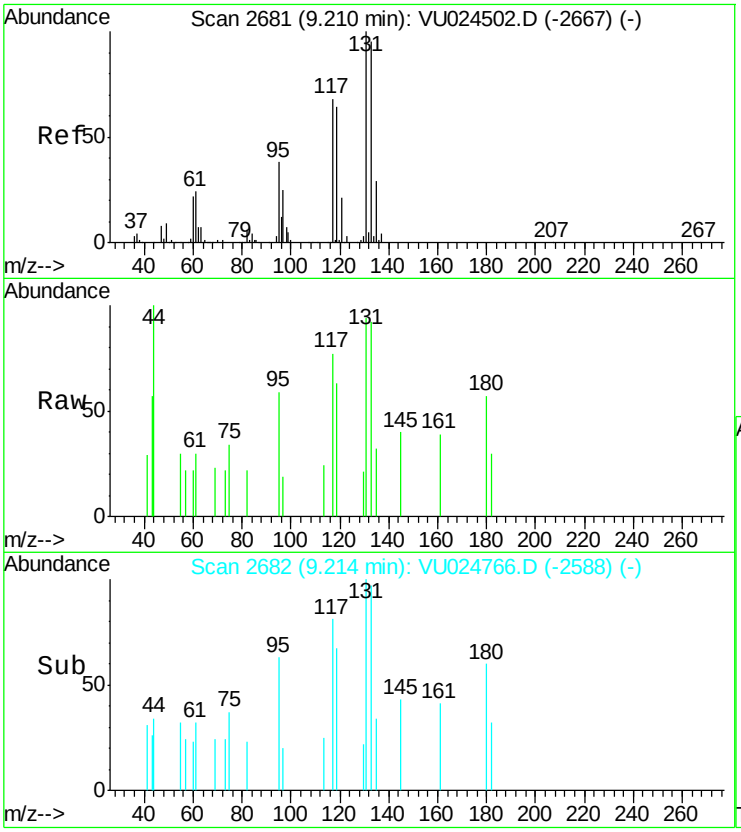


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion:117 Resp: 268106

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.3	66.5
119	32.0	25.4	38.2



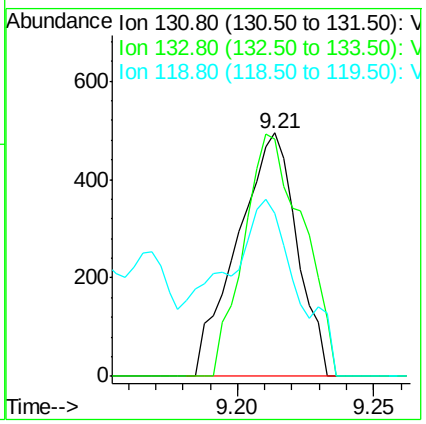


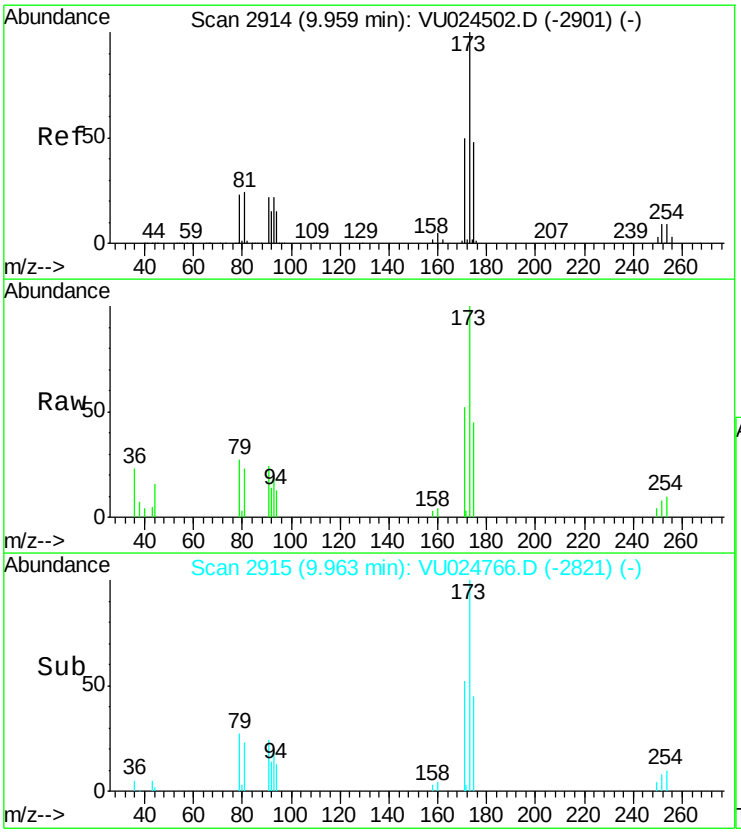
#66
1,1,1,2-Tetrachloroethane
Concen: 0.287 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion:131 Resp: 747

Ion	Ratio	Lower	Upper
131	100		
133	99.5	46.9	140.8
119	0.0	33.5	100.4#

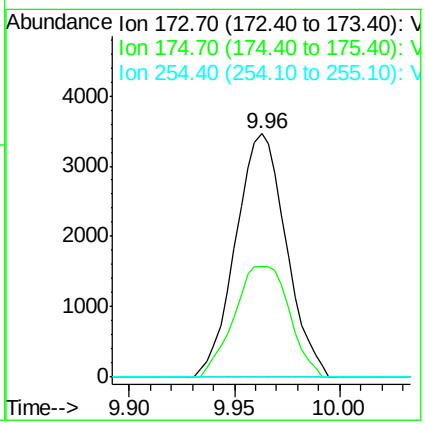


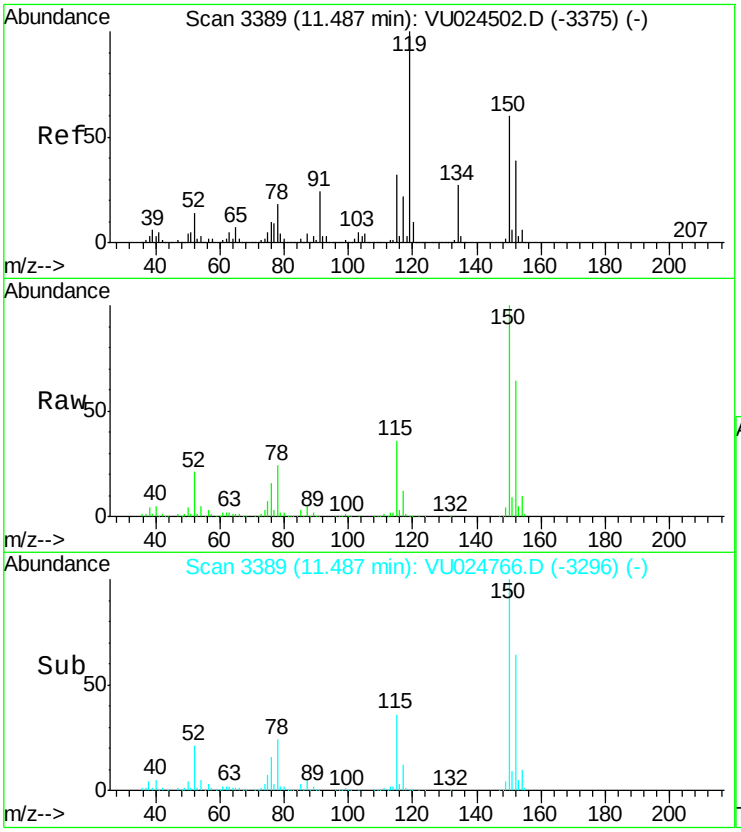


#71
Bromoform
Concen: 2.330 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion:173 Resp: 5764

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.6	74.0
254	0.0	0.0	0.0



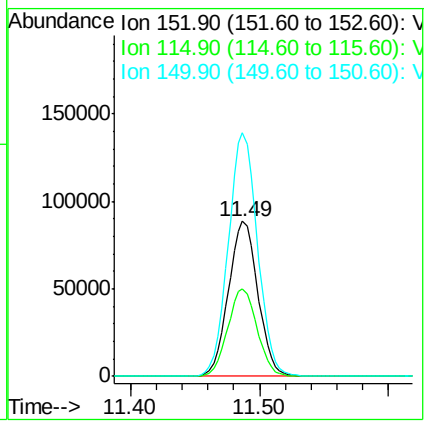


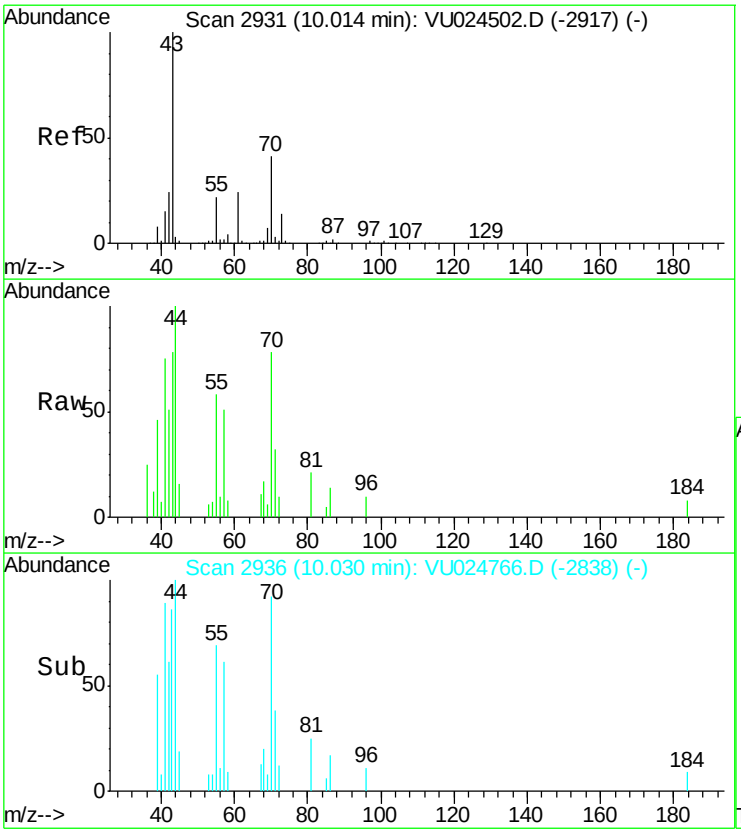
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument : MSVOA_U
ClientSampleId : BFB86

Tgt Ion:152 Resp: 140292

Ion	Ratio	Lower	Upper
152	100		
115	56.3	43.0	129.0
150	156.0	0.0	354.0

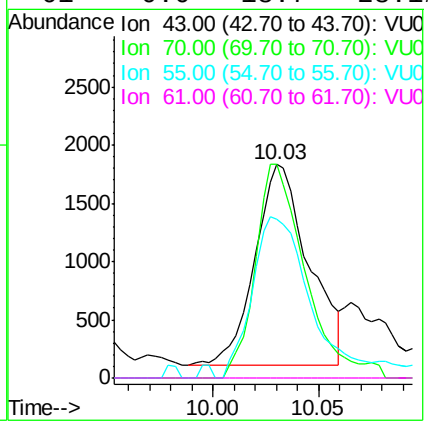


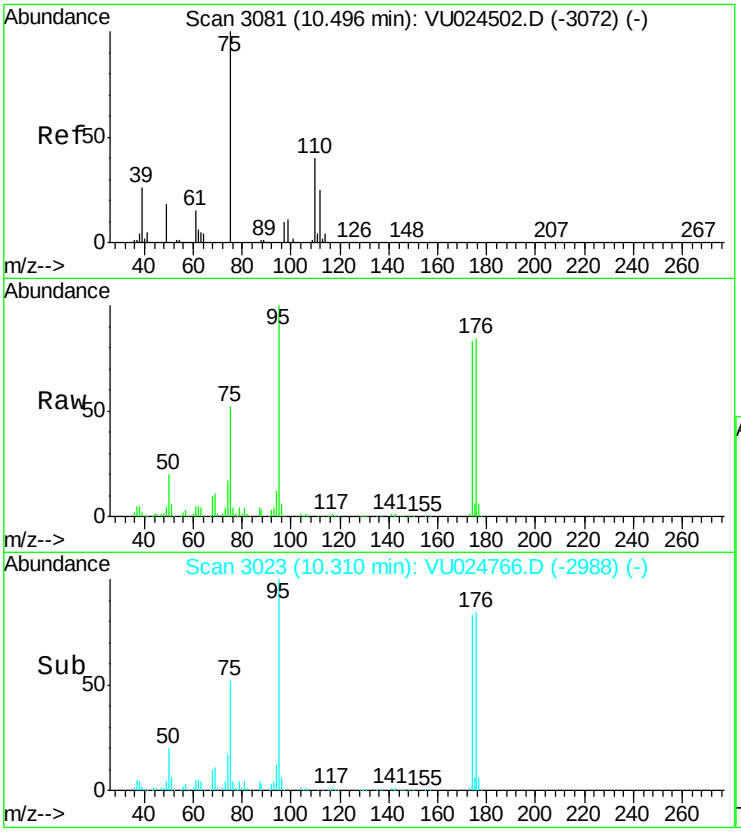


#74
N-amyl acetate
Concen: 0.601 ug/l
RT: 10.03 min Scan# 2936
Delta R.T. 0.02 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 43 Resp: 3077

Ion	Ratio	Lower	Upper
43	100		
70	98.5	32.2	48.4#
55	85.5	20.5	30.7#
61	0.0	18.7	28.1#



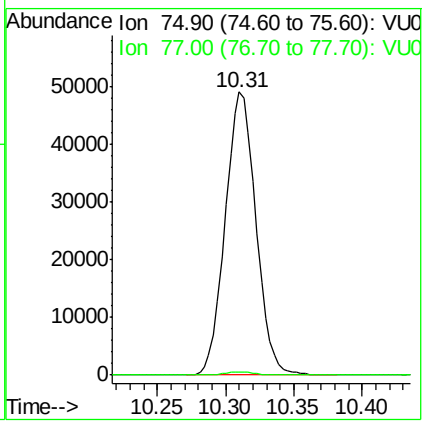


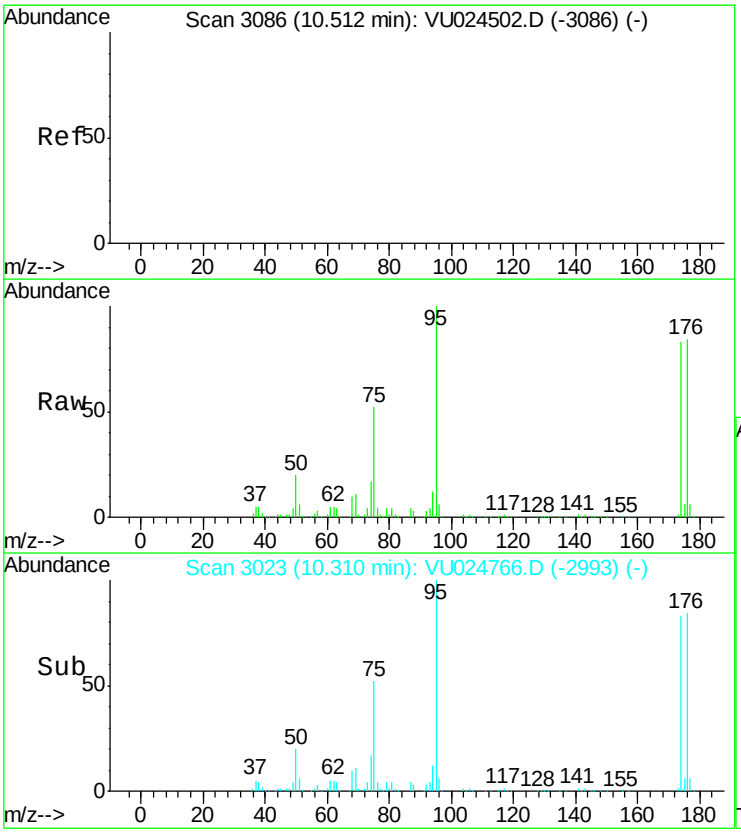
#76
1,2,3-Trichloropropane
Concen: 24.785 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
BFB86

Tgt Ion: 75 Resp: 76554

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.9	62.7#

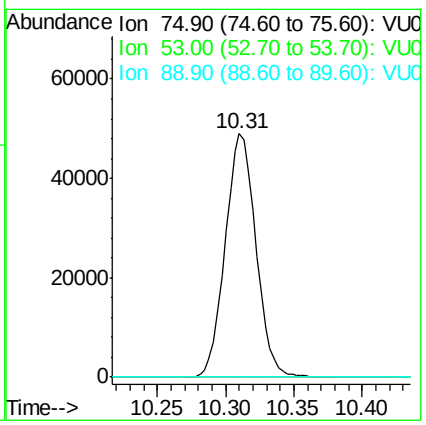


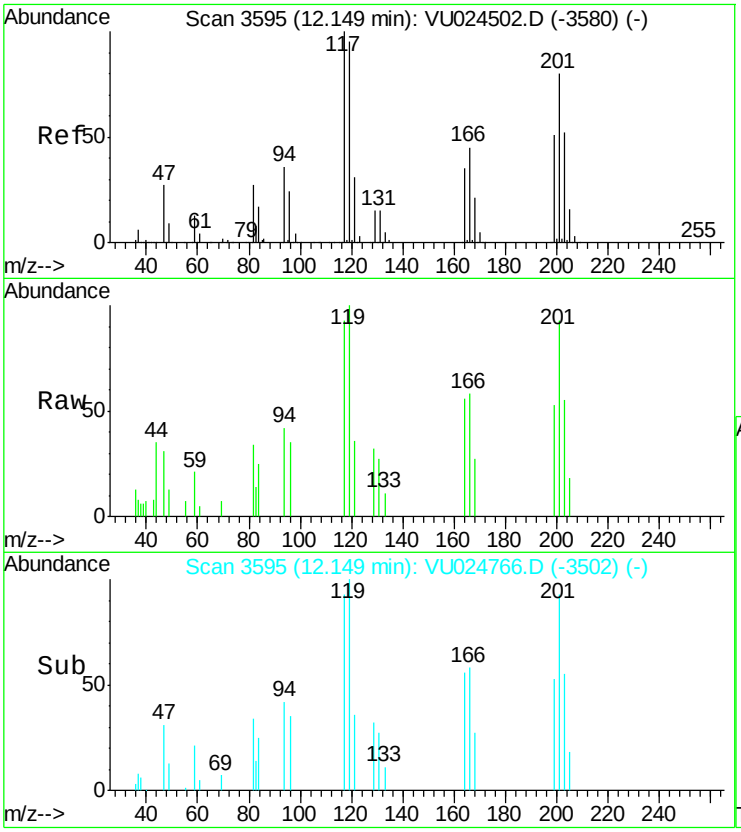


#81
trans-1,4-Dichloro-2-butene
Concen: 57.363 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 75 Resp: 76554

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



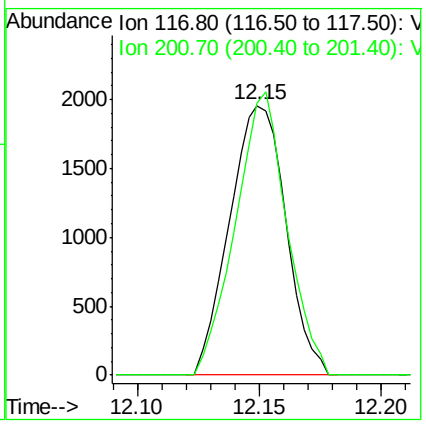


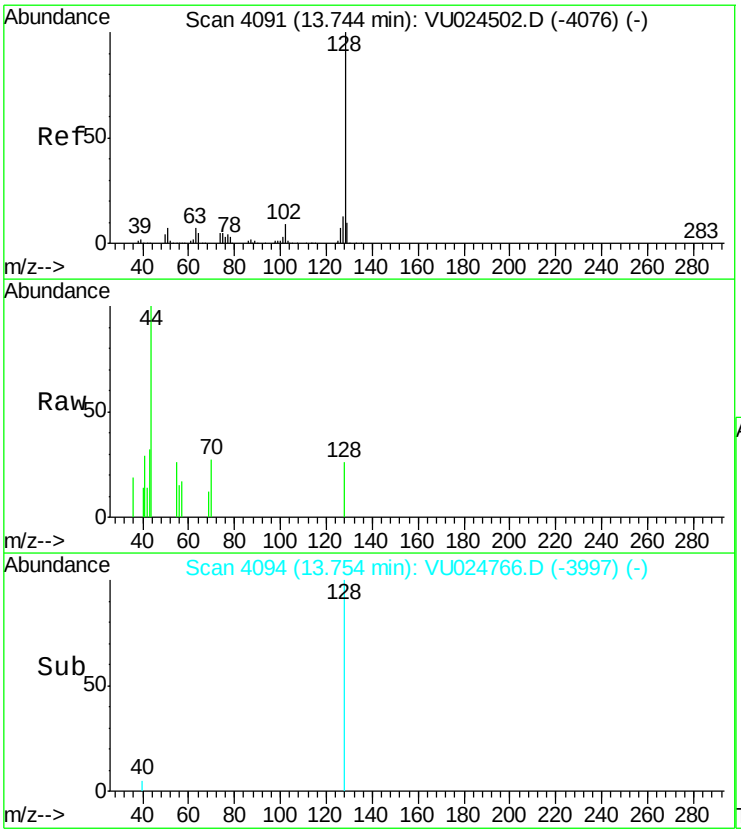
#90
Hexachloroethane
Concen: 1.593 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
BFB86

Tgt Ion:117 Resp: 3128

Ion	Ratio	Lower	Upper
117	100		
201	95.7	41.1	123.3





#95
Naphthalene
Concen: 0.696 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion:128 Resp: 172

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#