Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071018\
Data File : VU025282.D
Acq On : 10 Jul 2018 12:06
Operator : MD/SY
Sample : VU0710WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Quant Time: Jul 11 01:59:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.99	168	221000	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	330406	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	303636	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153690	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	165827	48.30	ug/l		0.00
Spiked Amount 50.000			Recovery =	96.60%			
35) Dibromofluoromethane	4.89	113	129547	46.48	ug/l		0.00
Spiked Amount 50.000			Recovery =	92.96%			
50) Toluene-d8	7.57	98	474580	49.72	ug/l		0.00
Spiked Amount 50.000			Recovery =	99.44%			
62) 4-Bromofluorobenzene	10.31	95	170351	44.33	ug/l		0.00
Spiked Amount 50.000			Recovery =	88.66%			
Target Compounds							Qvalue
3) Chloromethane	1.33	50	2674	1.72	ug/l		100
5) Bromomethane	1.63	94	1562	Below Cal		#	80
6) Chloroethane	1.69	64	19	0.30	ug/l	#	43
10) Methyl Iodide	2.42	142	1078	8.04	ug/l	#	80
11) Tert butyl alcohol	2.85	59	990	1.32	ug/l	#	73
13) Acrolein	2.20	56	287	0.58	ug/l		89
16) Acetone	2.32	43	978	5.41	ug/l	#	46
17) Carbon Disulfide	2.48	76	1221	2.11	ug/l	#	74
20) Methylene Chloride	2.71	84	457	0.86	ug/l	#	52
29) Tetrahydrofuran	4.65	42	700	0.49	ug/l	#	46
31) Cyclohexane	4.98	56	4398	1.74	ug/l	#	19
36) 1,1-Dichloropropene	4.99	75	16069	4.37	ug/l	#	51
38) Carbon Tetrachloride	4.99	117	21363	5.40	ug/l	#	16
59) 2-Hexanone	8.39	43	1283	0.37	ug/l	#	58
74) N-amyl acetate	10.02	43	333	1.34	ug/l	#	62
76) 1,2,3-Trichloropropane	10.31	75	88697	28.34	ug/l	#	36
79) 2-Chlorotoluene	10.67	91	474	0.21	ug/l	#	47
81) trans-1,4-Dichloro-2-buten	10.31	75	88697	72.44	ug/l	#	100
88) 1,4-Dichlorobenzene	11.43	146	631	1.60	ug/l		75
89) n-Butylbenzene	11.90	91	1975	0.23	ug/l		94
93) 1,2,4-Trichlorobenzene	13.52	180	1542	3.67	ug/l		83
95) Naphthalene	13.75	128	10998	3.34	ug/l	#	95
96) 1,2,3-Trichlorobenzene	13.99	180	2325	3.12	ug/l		97

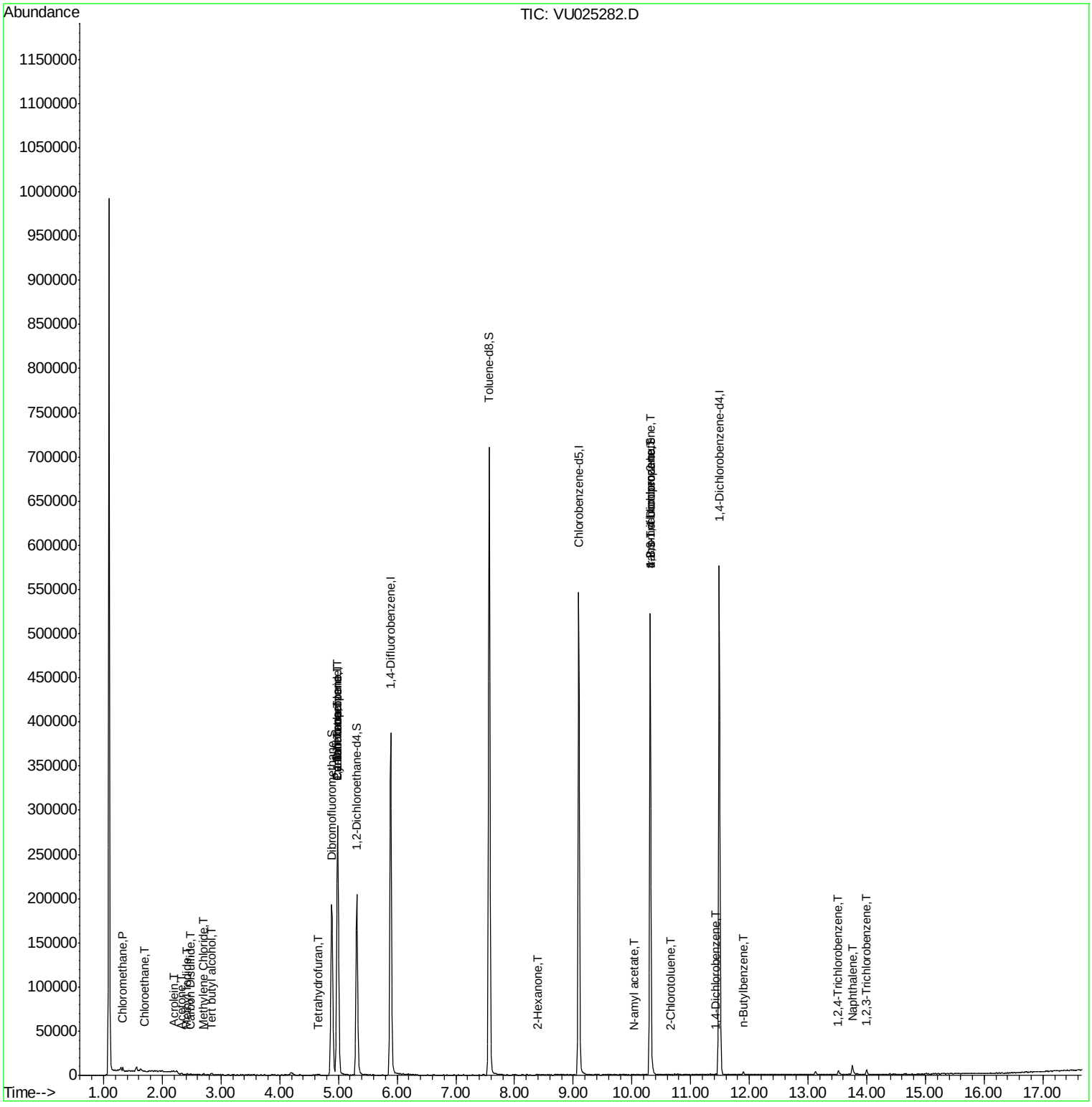
(#) = qualifier out of range (m) = manual integration (+) = signals summed

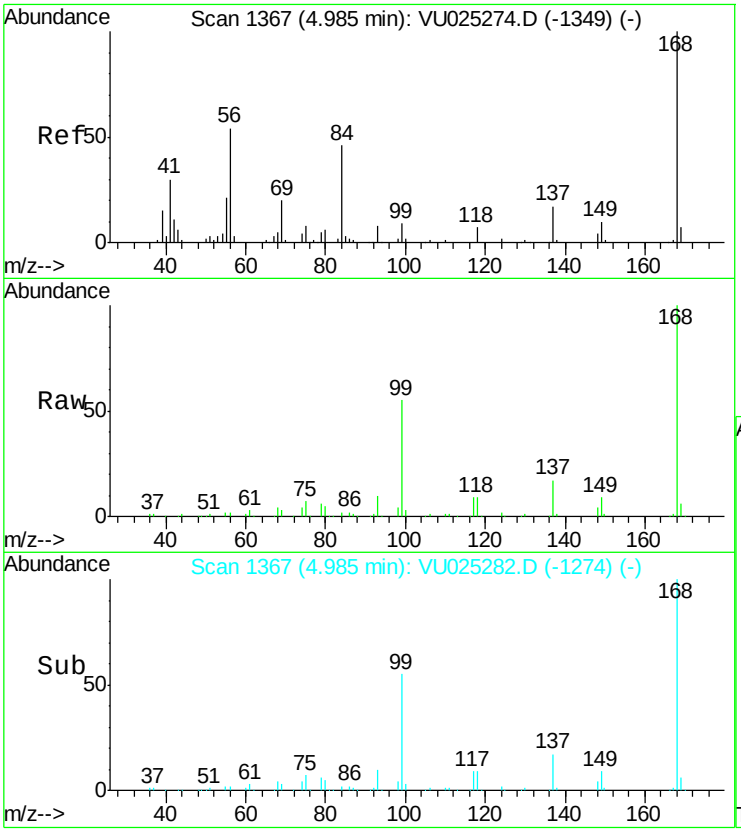
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071018\
Data File : VU025282.D
Acq On : 10 Jul 2018 12:06
Operator : MD/SY
Sample : VU0710WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL01

Quant Time: Jul 11 01:59:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration



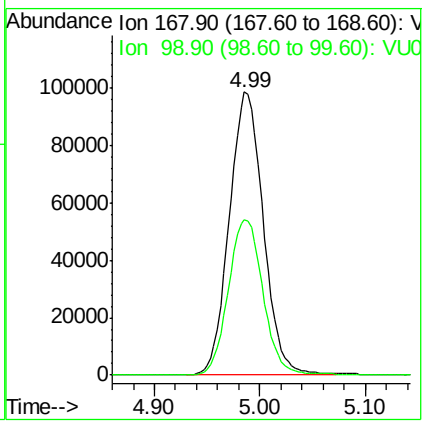


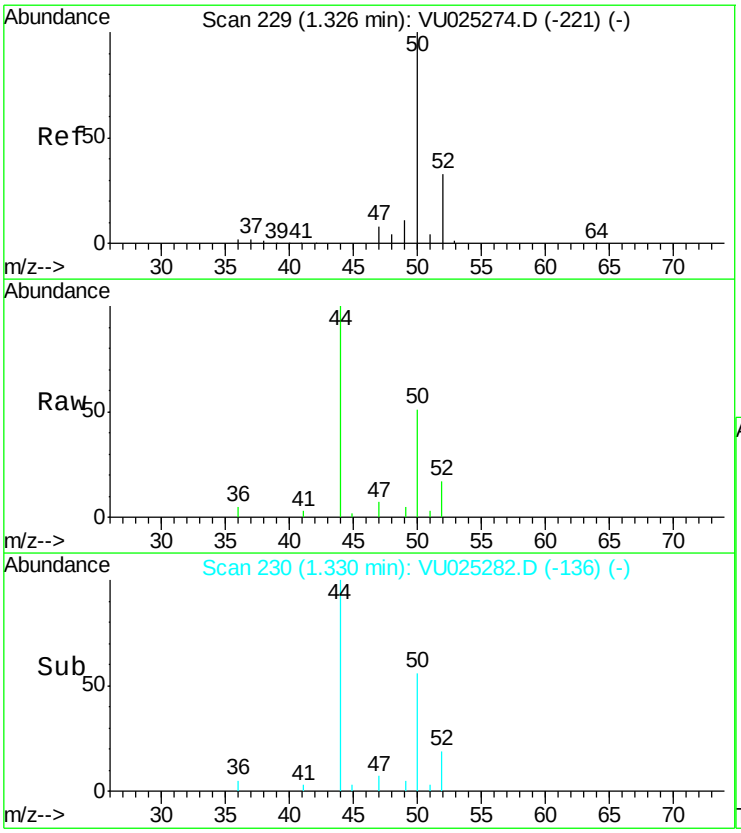
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL01

Tgt Ion:168 Resp: 221000

Ion	Ratio	Lower	Upper
168	100		
99	54.9	42.8	64.2

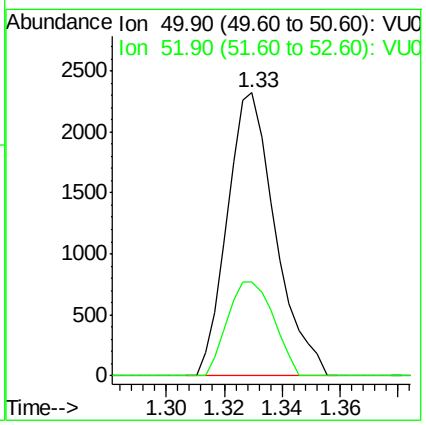


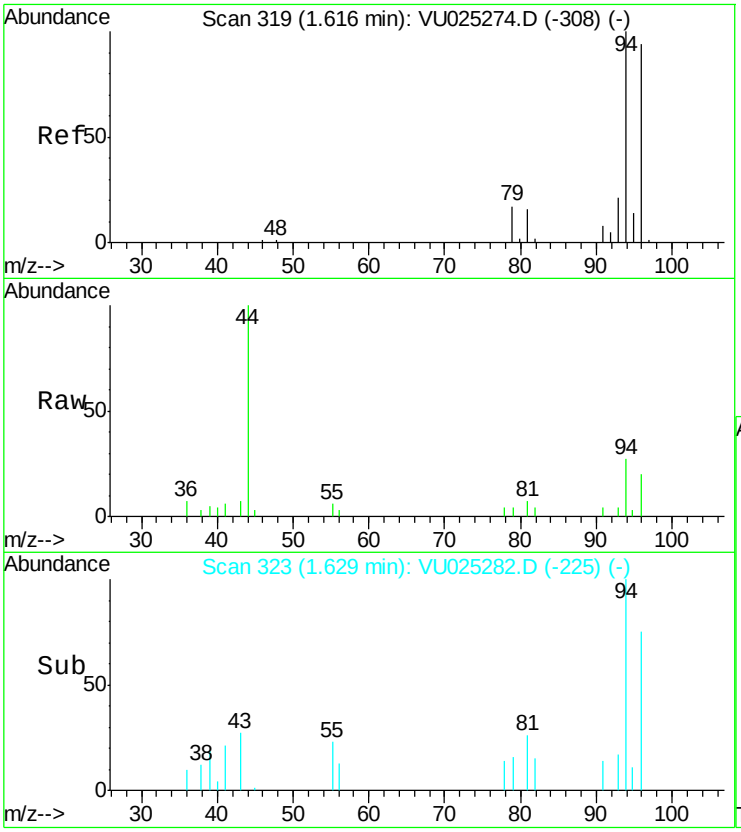


#3
Chloromethane
Concen: 1.72 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 50 Resp: 2674

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.5	39.7



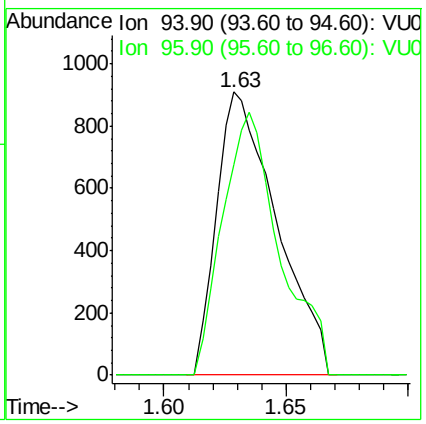


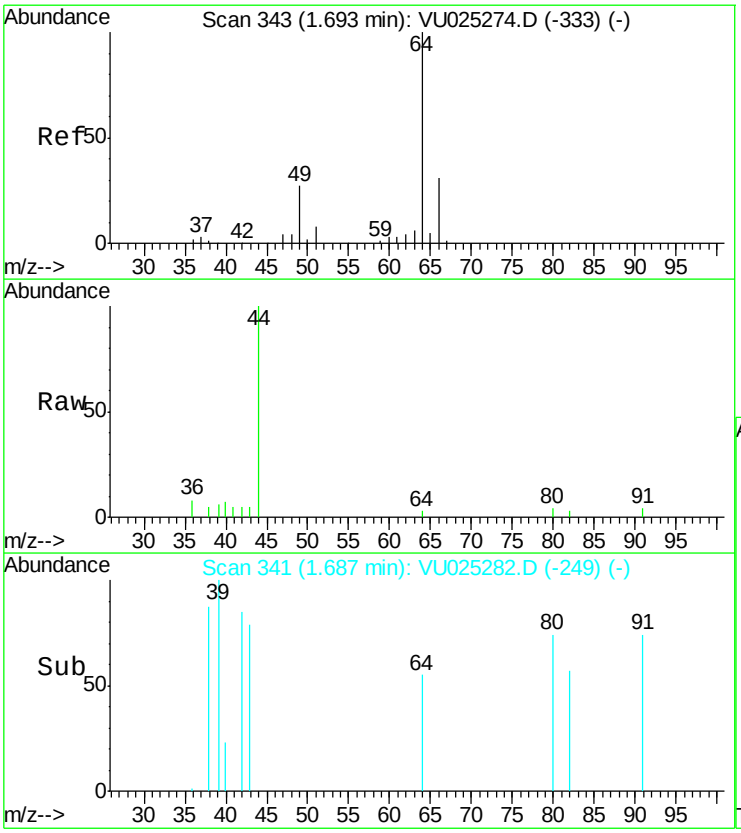
#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 323
Delta R.T. 0.01 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL01

Tgt Ion: 94 Resp: 1562

Ion	Ratio	Lower	Upper
94	100		
96	74.6	75.0	112.4#

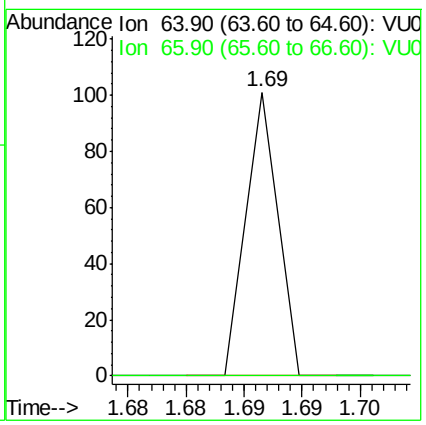


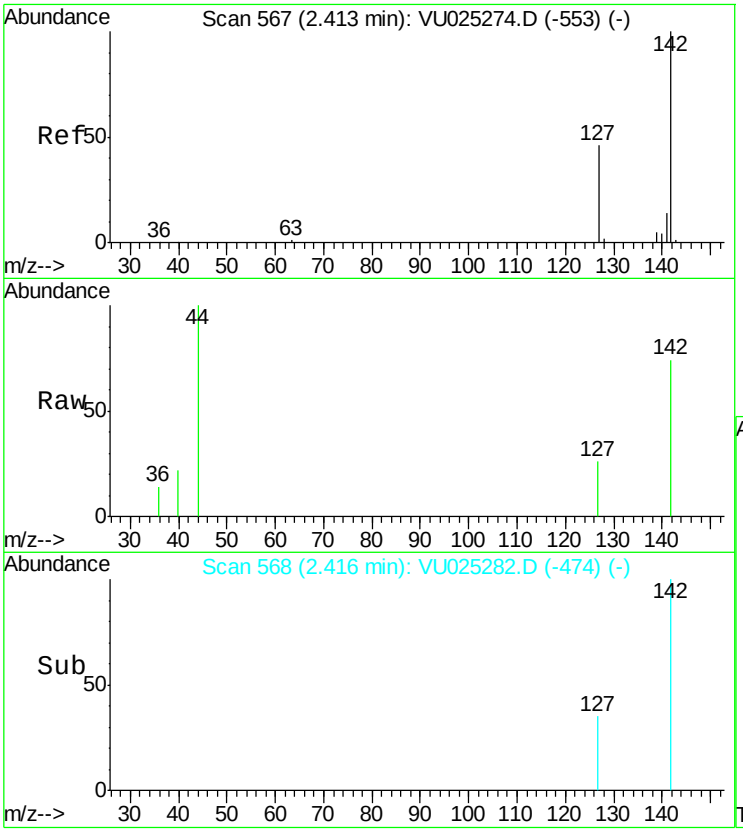


#6
Chloroethane
Concen: 0.30 ug/l
RT: 1.69 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 64 Resp: 19

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#



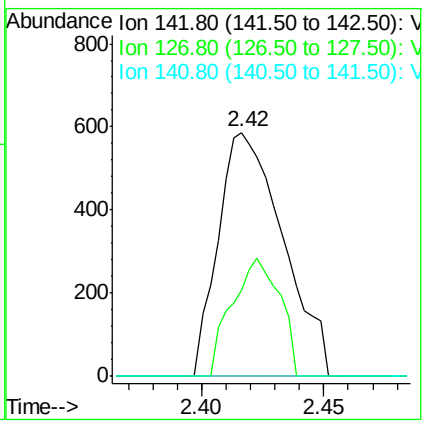


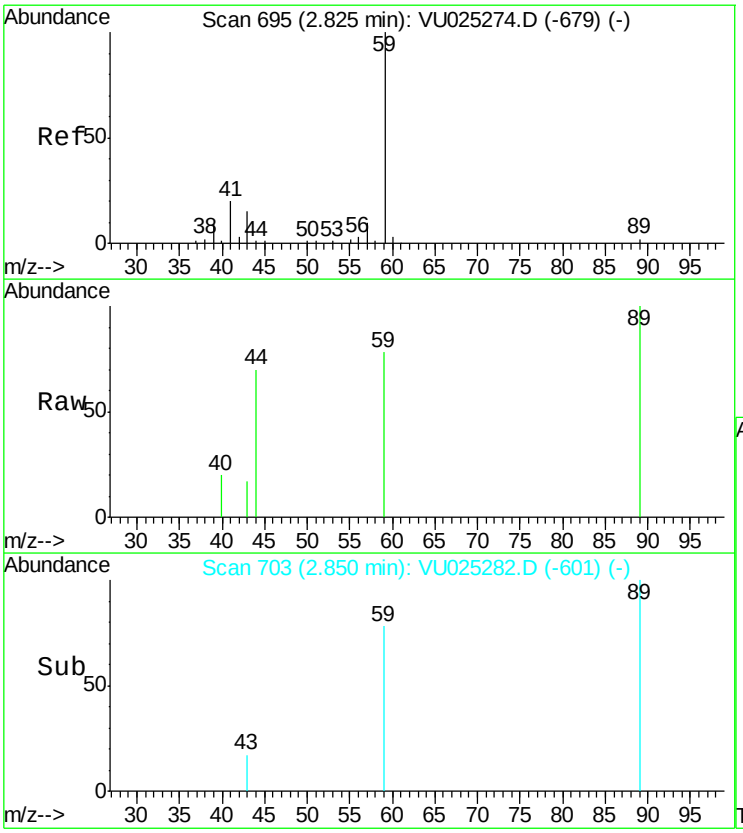
#10
Methyl Iodide
Concen: 8.04 ug/l
RT: 2.42 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion:142 Resp: 1078

Ion	Ratio	Lower	Upper
142	100		
127	35.8	36.5	54.7#
141	0.0	11.4	17.2#

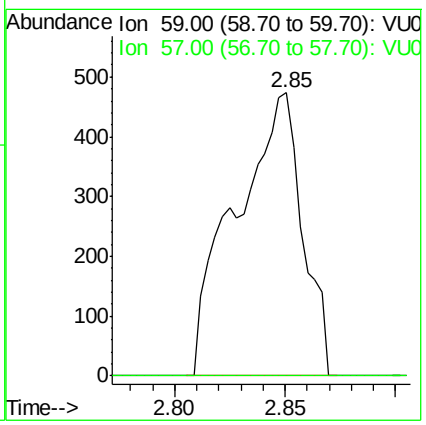


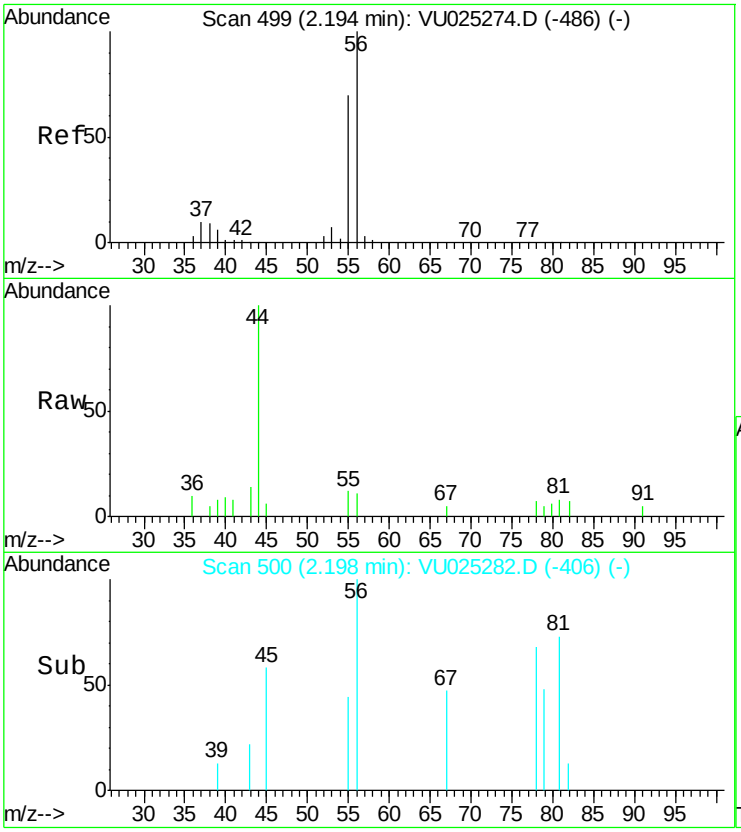


#11
Tert butyl alcohol
Concen: 1.32 ug/l
RT: 2.85 min Scan# 703
Delta R.T. 0.03 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 59 Resp: 990

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



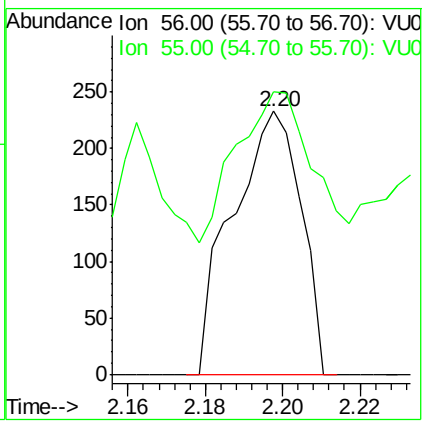


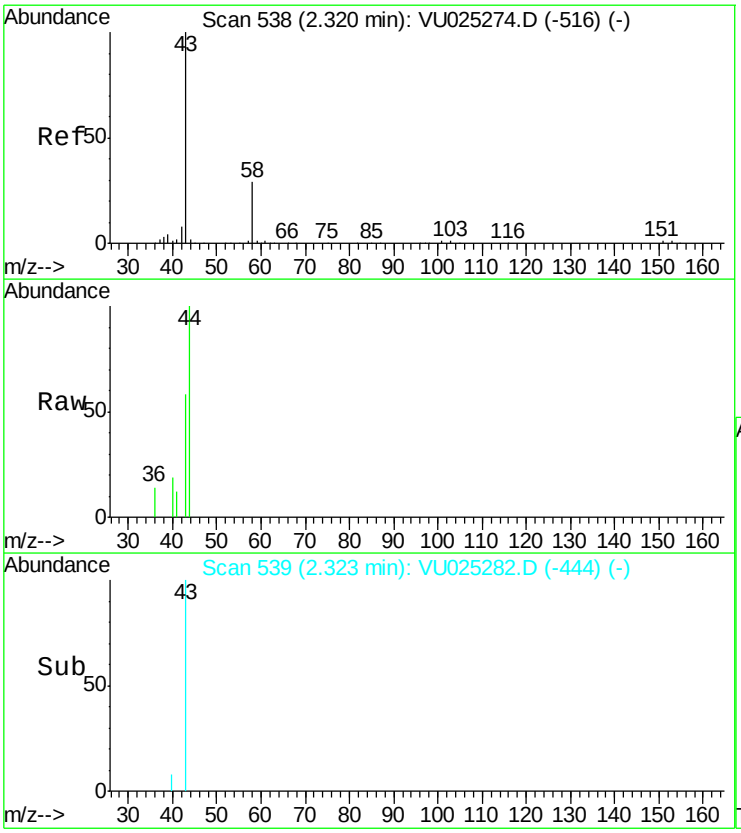
#13
Acrolein
Concen: 0.58 ug/l
RT: 2.20 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion: 56 Resp: 287

Ion	Ratio	Lower	Upper
56	100		
55	62.0	57.2	85.8

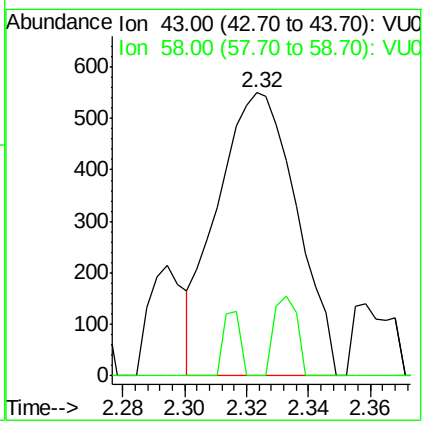


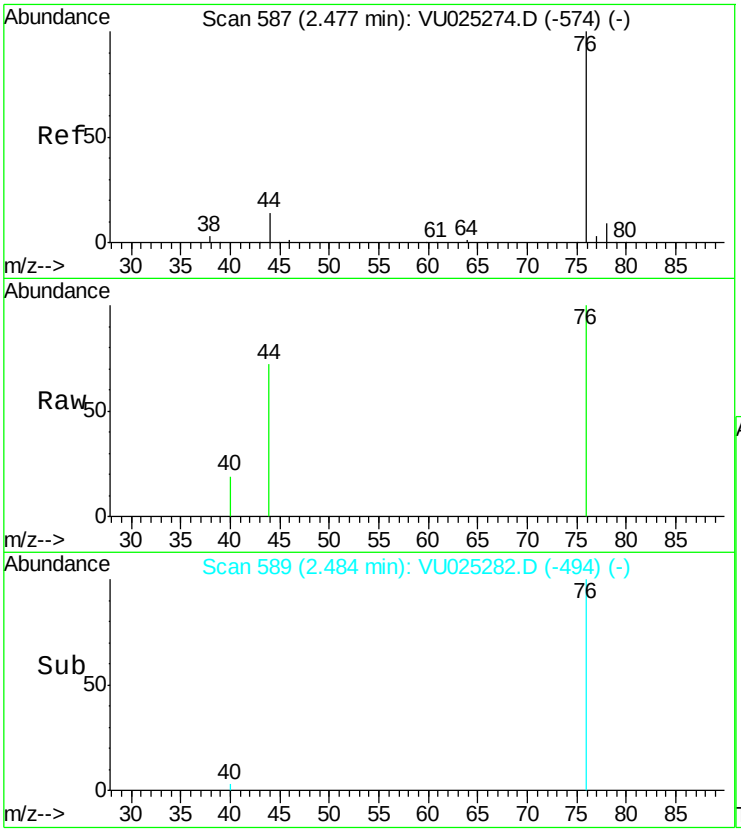


#16
Acetone
Concen: 5.41 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 43 Resp: 978

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#



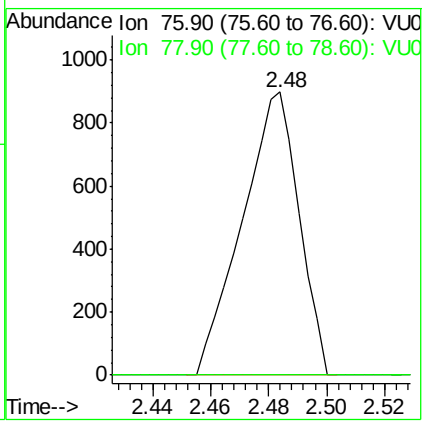


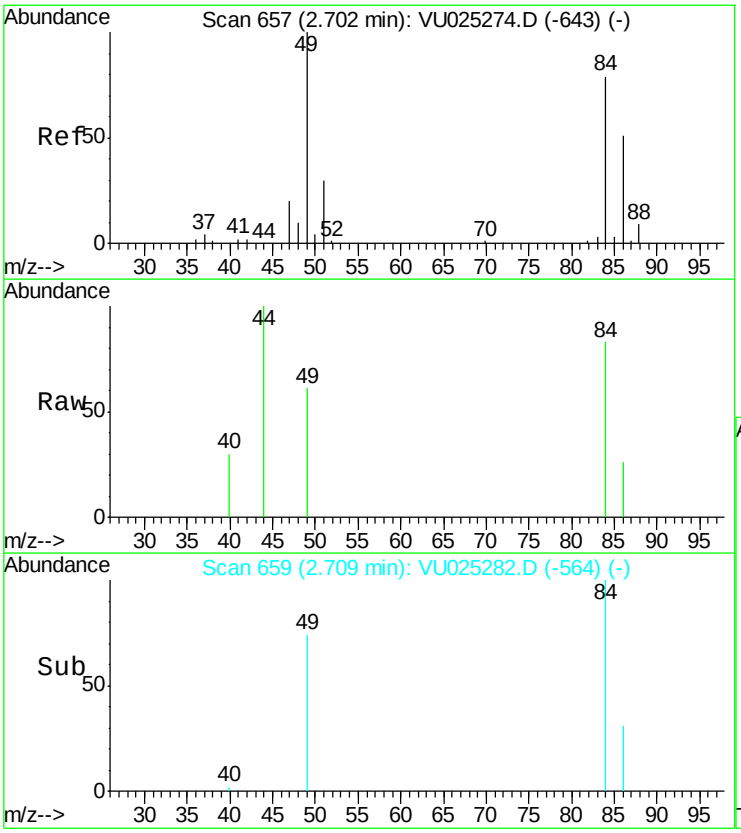
#17
Carbon Disulfide
Concen: 2.11 ug/l
RT: 2.48 min Scan# 589
Delta R.T. 0.01 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion: 76 Resp: 1221

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

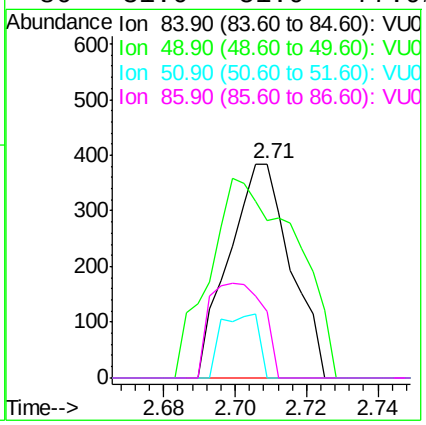


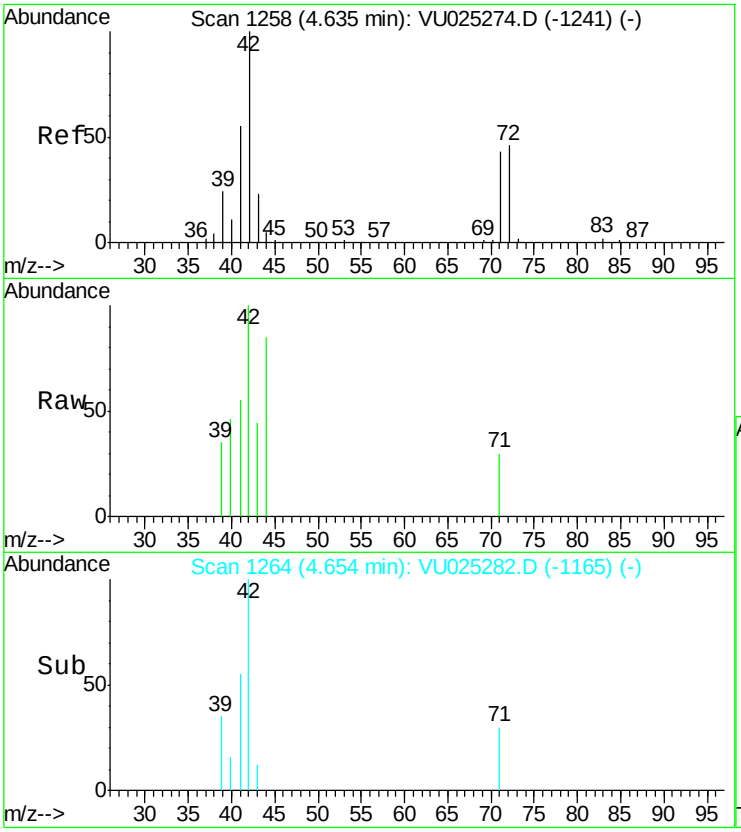


#20
Methylene Chloride
Concen: 0.86 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.01 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 84 Resp: 457

Ion	Ratio	Lower	Upper
84	100		
49	73.7	101.8	152.6#
51	0.0	30.8	46.2#
86	31.0	51.9	77.9#



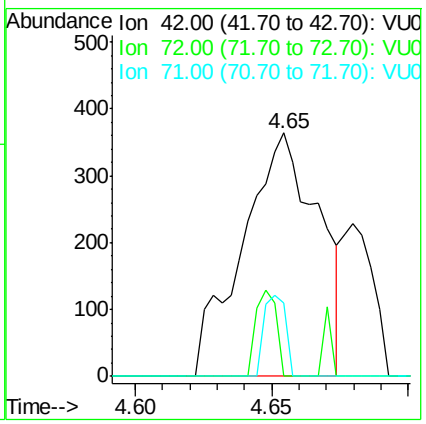


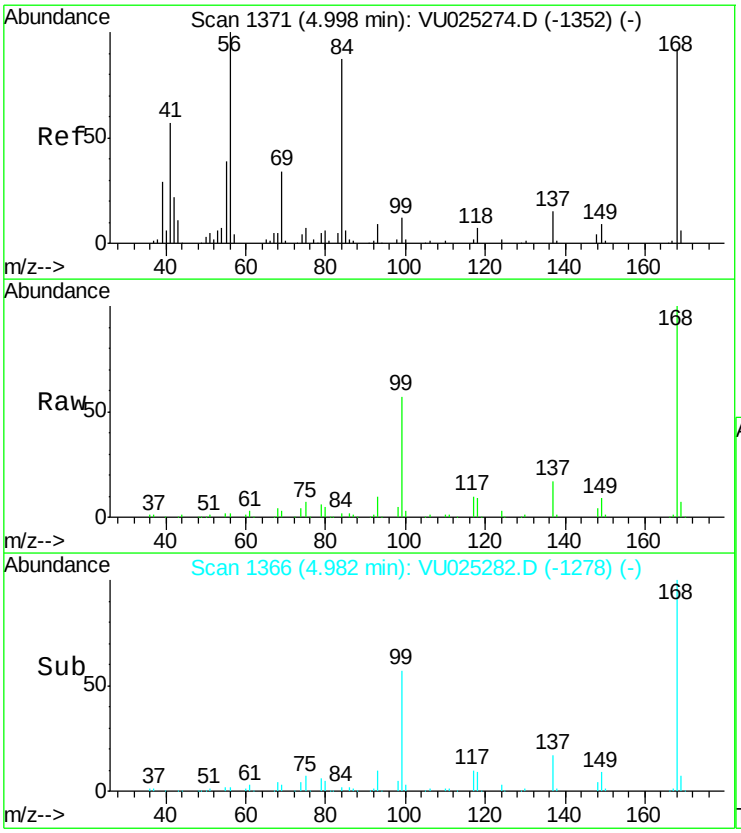
#29
Tetrahydrofuran
Concen: 0.49 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. 0.02 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion: 42 Resp: 700

Ion	Ratio	Lower	Upper
42	100		
72	9.4	36.7	55.1#
71	9.3	33.9	50.9#

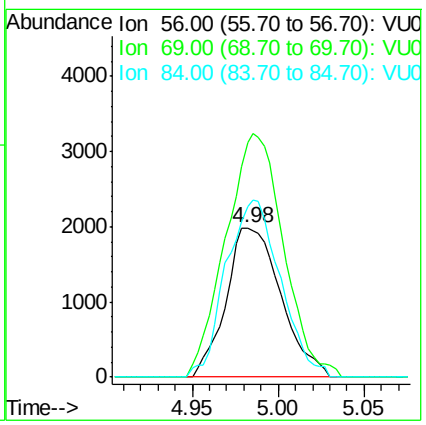


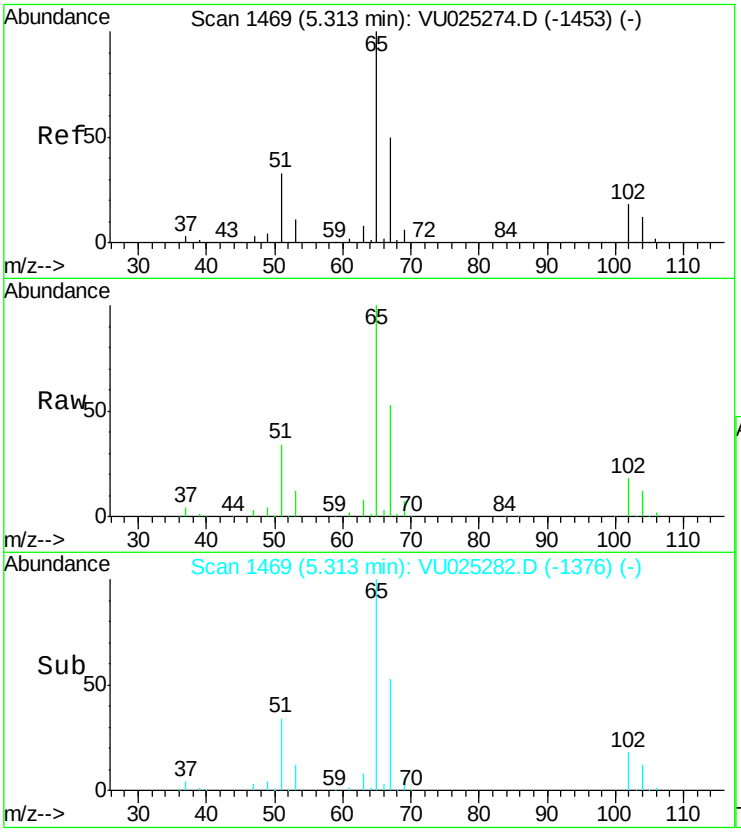


#31
Cyclohexane
Concen: 1.74 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 56 Resp: 4398

Ion	Ratio	Lower	Upper
56	100		
69	157.2	26.8	40.2#
84	114.0	69.7	104.5#



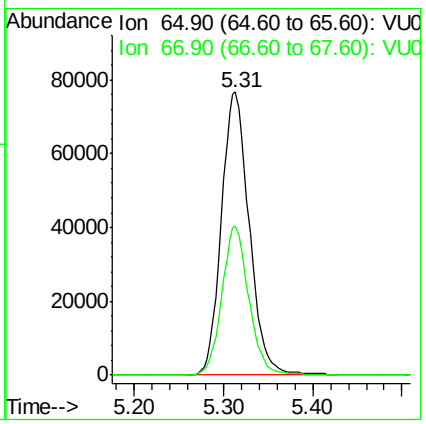


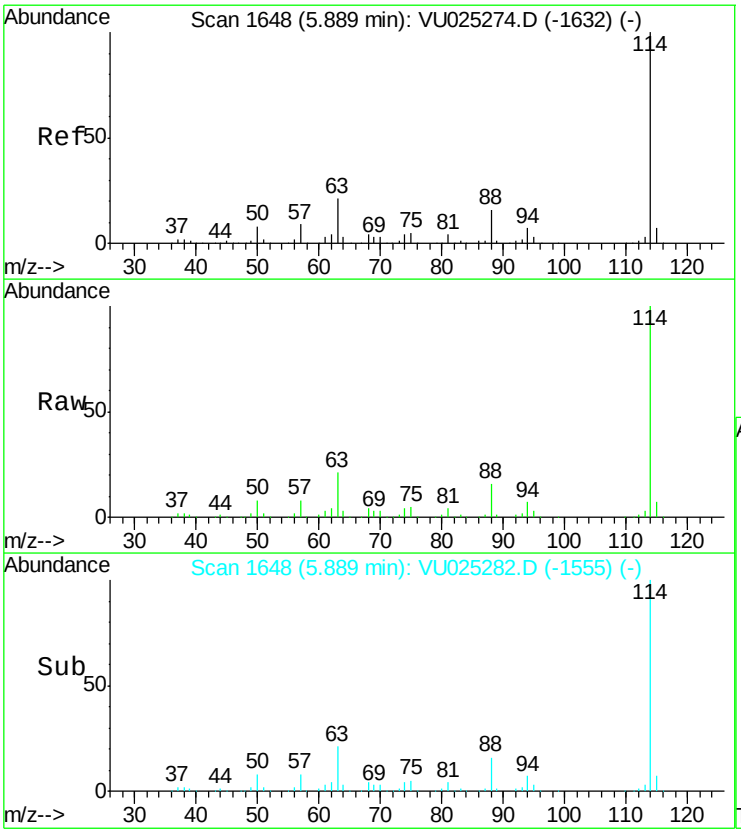
#33
1,2-Dichloroethane-d4
Concen: 48.30 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion: 65 Resp: 165827

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.6

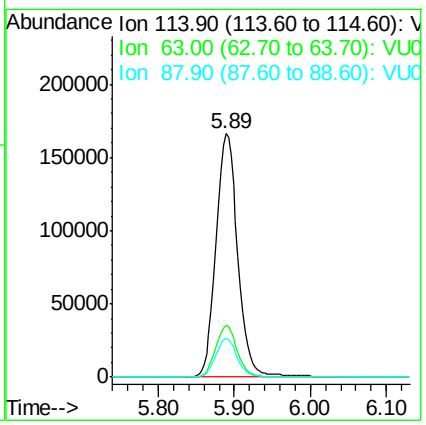


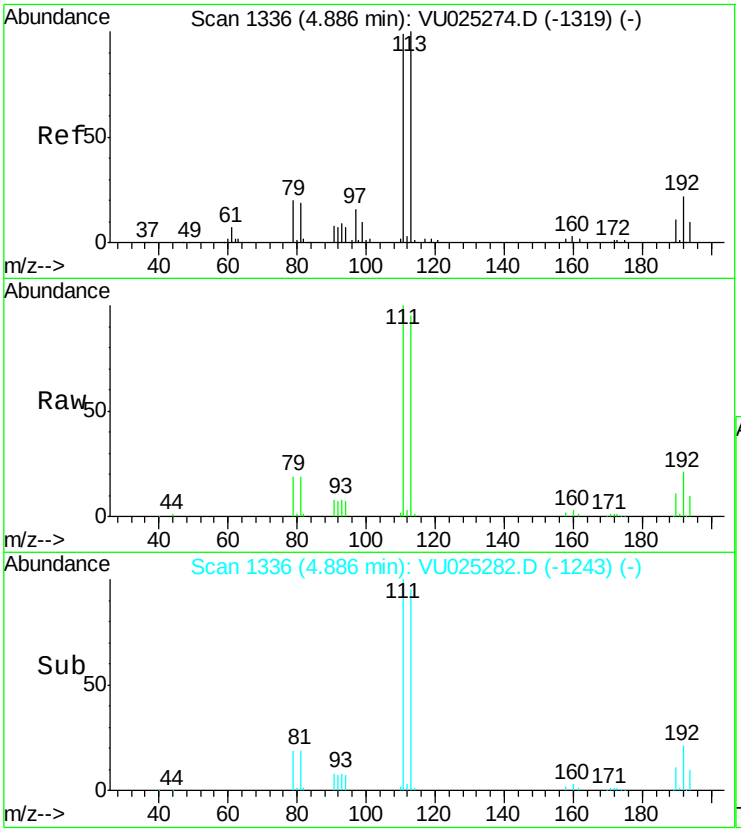


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion:114 Resp: 330406

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	16.0	0.0	32.4



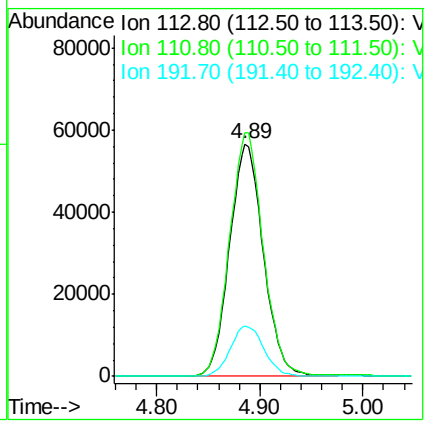


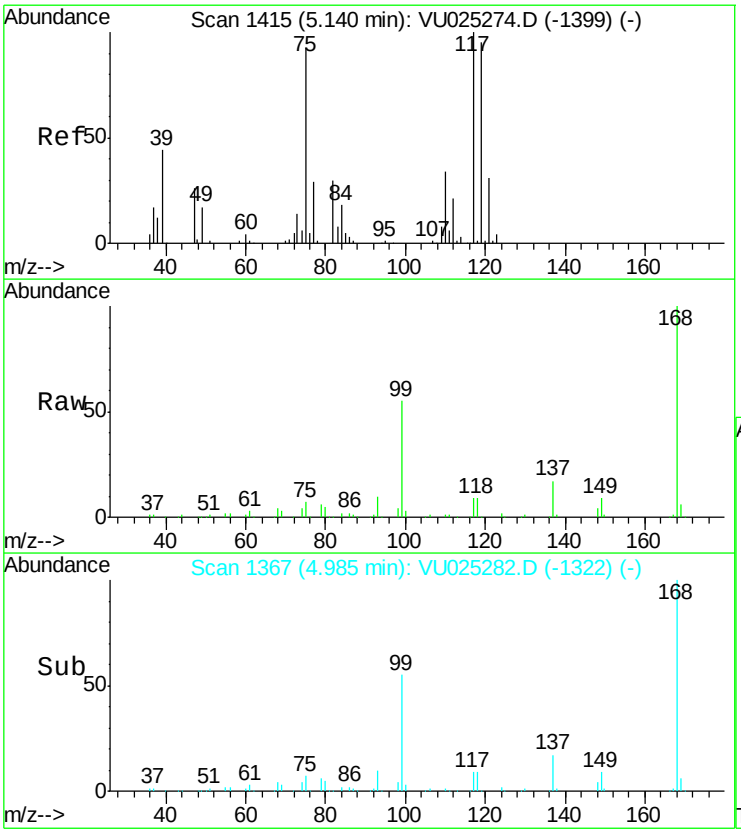
#35
Dibromofluoromethane
Concen: 46.48 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL01

Tgt Ion:113 Resp: 129547

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.7	122.5
192	21.6	17.1	25.7

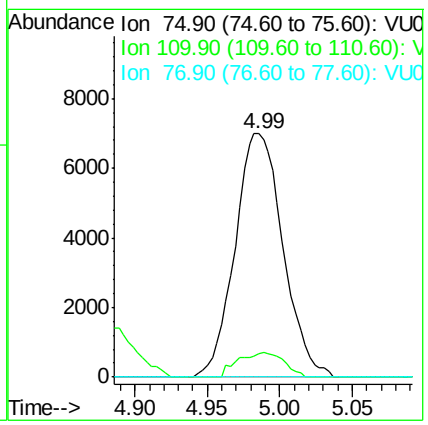


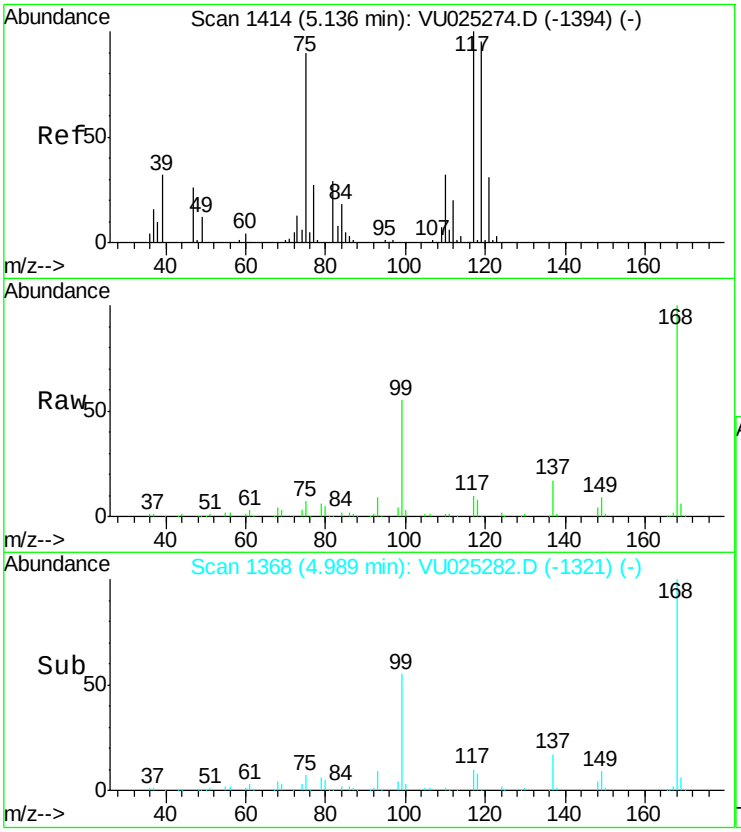


#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 75 Resp: 16069

Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.6	52.9#
77	0.0	24.4	36.6#



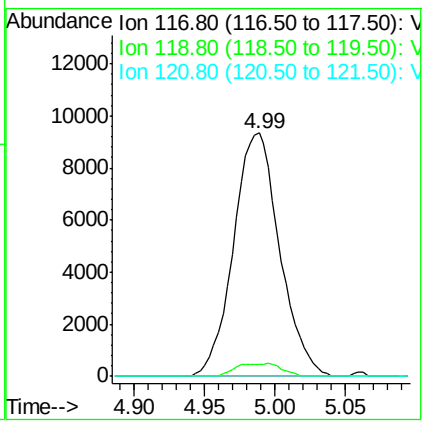


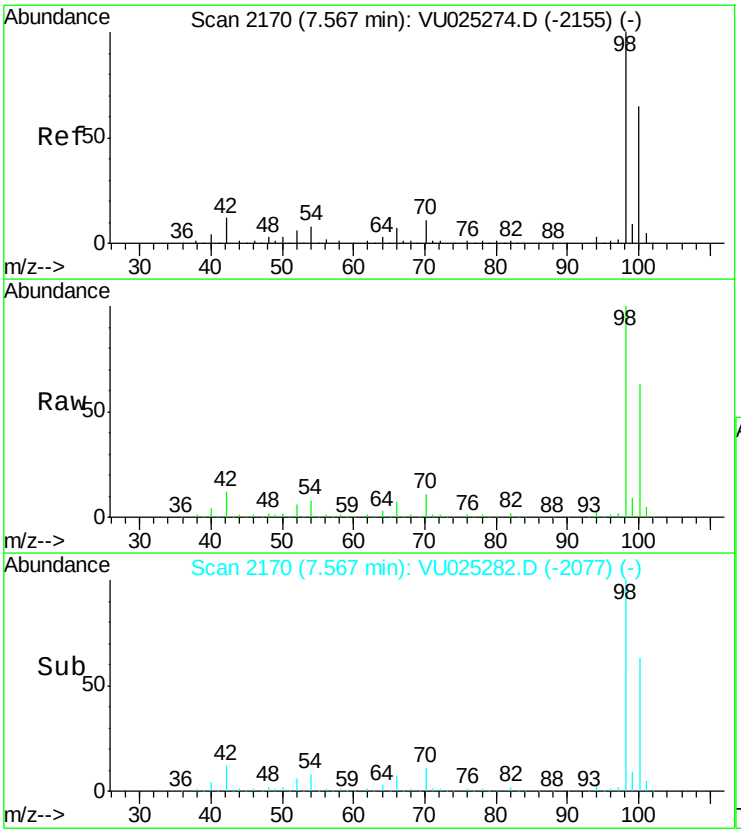
#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL01

Tgt Ion:117 Resp: 21363

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.7	113.5#
121	0.0	24.6	36.8#

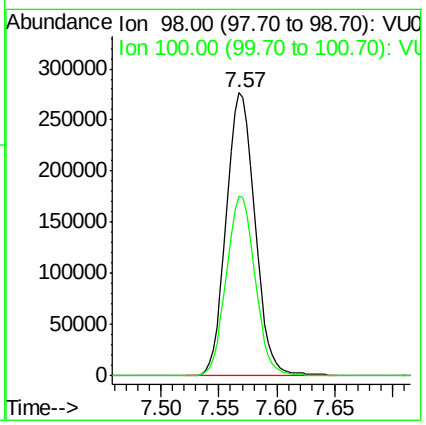


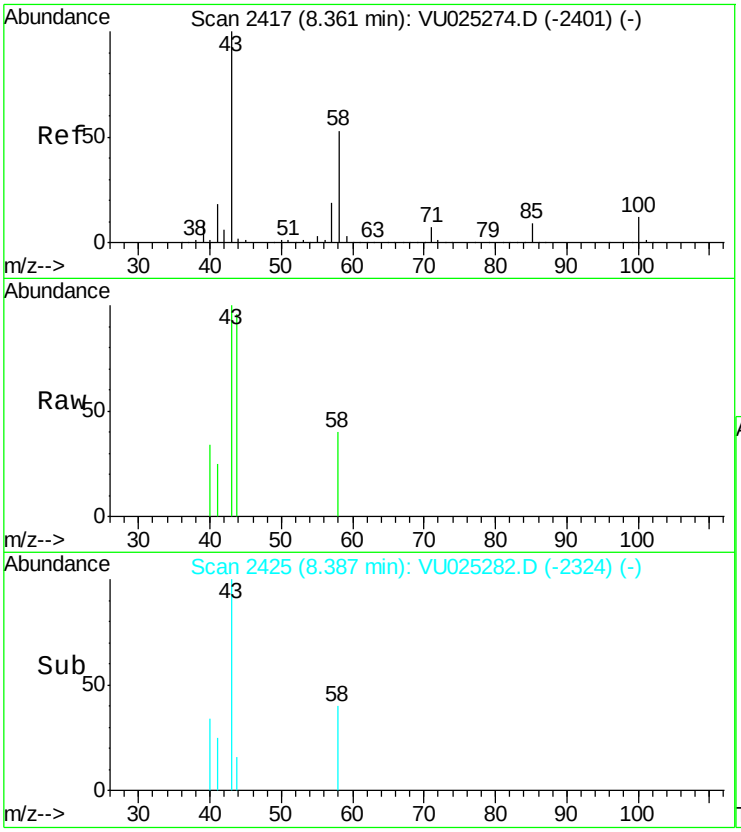


#50
Toluene-d8
Concen: 49.72 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 98 Resp: 474580

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7



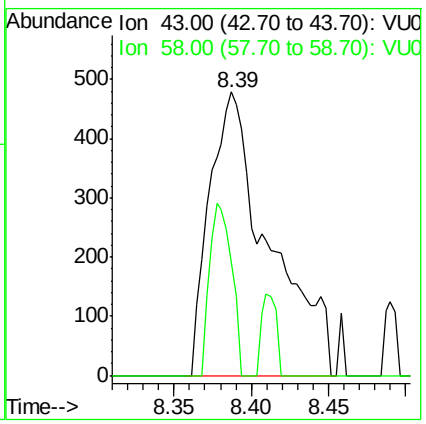


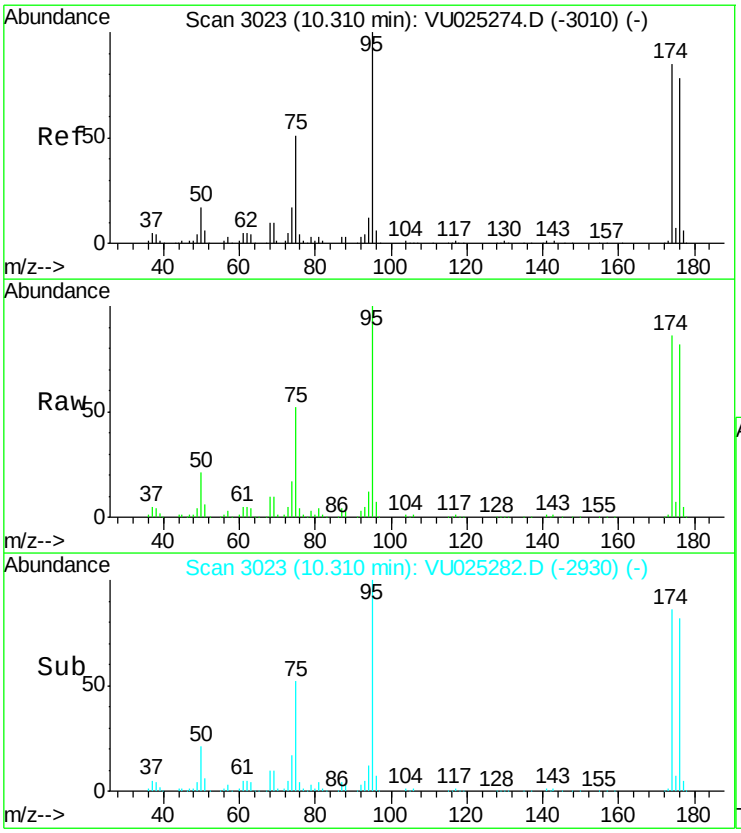
#59
2-Hexanone
Concen: 0.37 ug/l
RT: 8.39 min Scan# 2425
Delta R.T. 0.03 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion: 43 Resp: 1283

Ion	Ratio	Lower	Upper
43	100		
58	22.7	26.2	78.5#

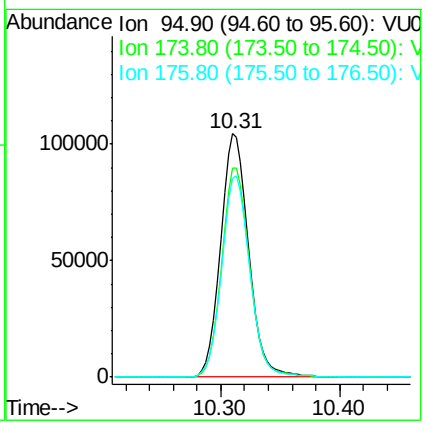


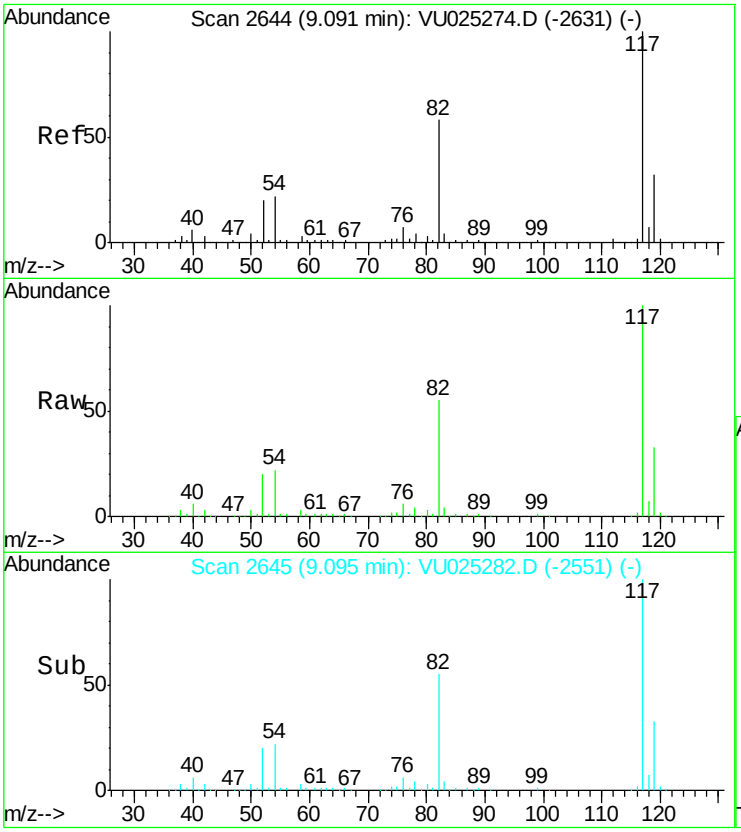


#62
4-Bromofluorobenzene
Concen: 44.33 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 95 Resp: 170351

Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	172.2
176	83.2	0.0	162.6



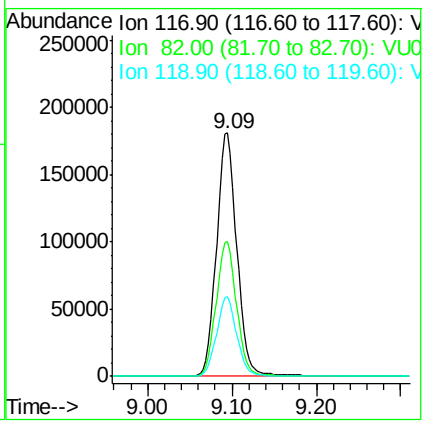


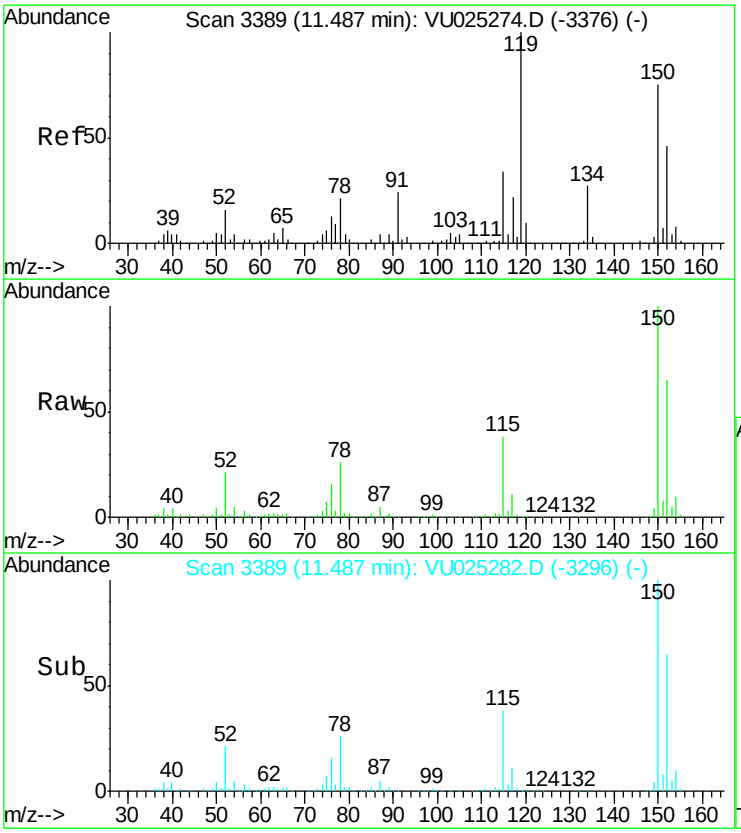
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion:117 Resp: 303636

Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.0	69.0
119	32.8	26.0	39.0

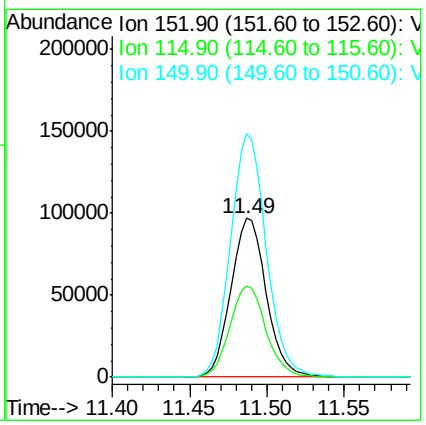


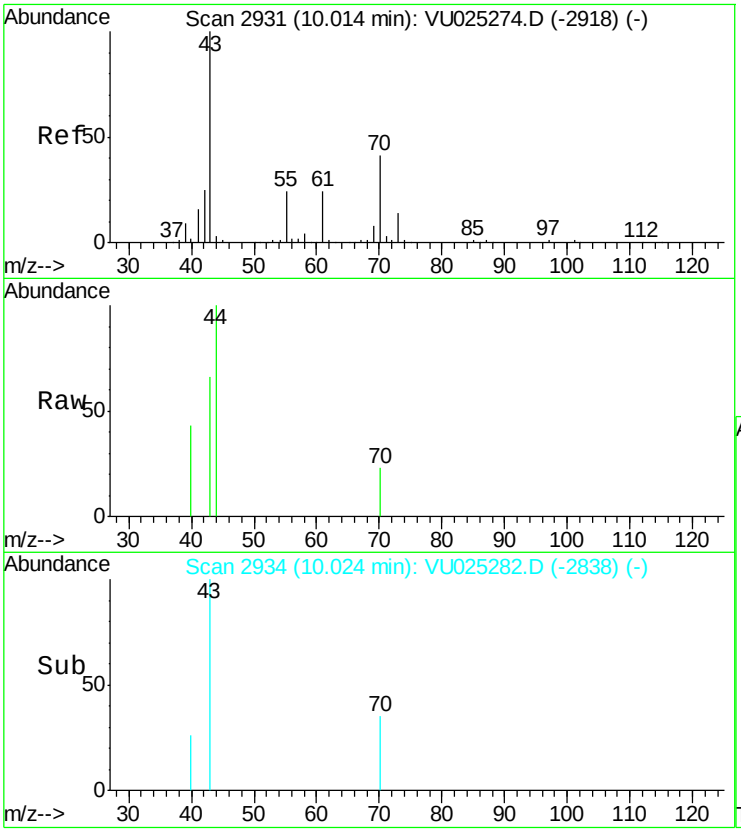


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion:152 Resp: 153690

Ion	Ratio	Lower	Upper
152	100		
115	58.6	40.1	120.3
150	155.0	0.0	351.4



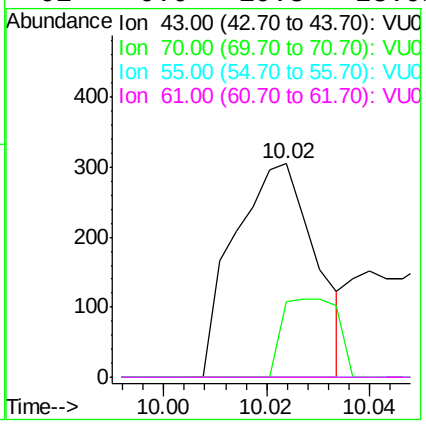


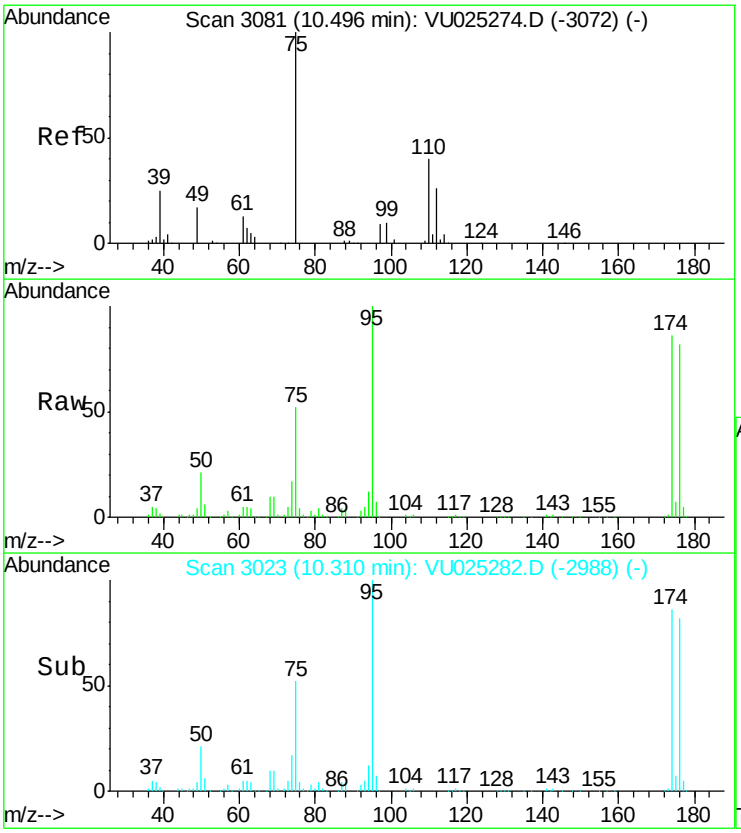
#74
N-amyl acetate
Concen: 1.34 ug/l
RT: 10.02 min Scan# 2934
Delta R.T. 0.01 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion: 43 Resp: 333

Ion	Ratio	Lower	Upper
43	100		
70	25.2	33.4	50.2#
55	0.0	19.0	28.6#
61	0.0	19.3	28.9#

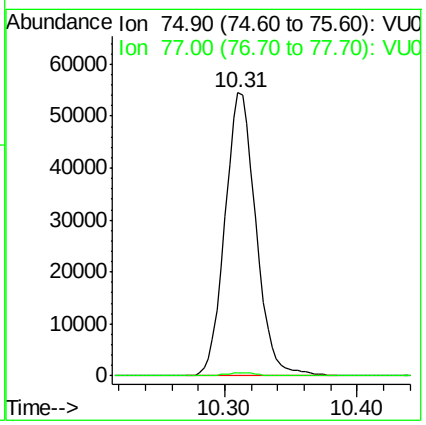


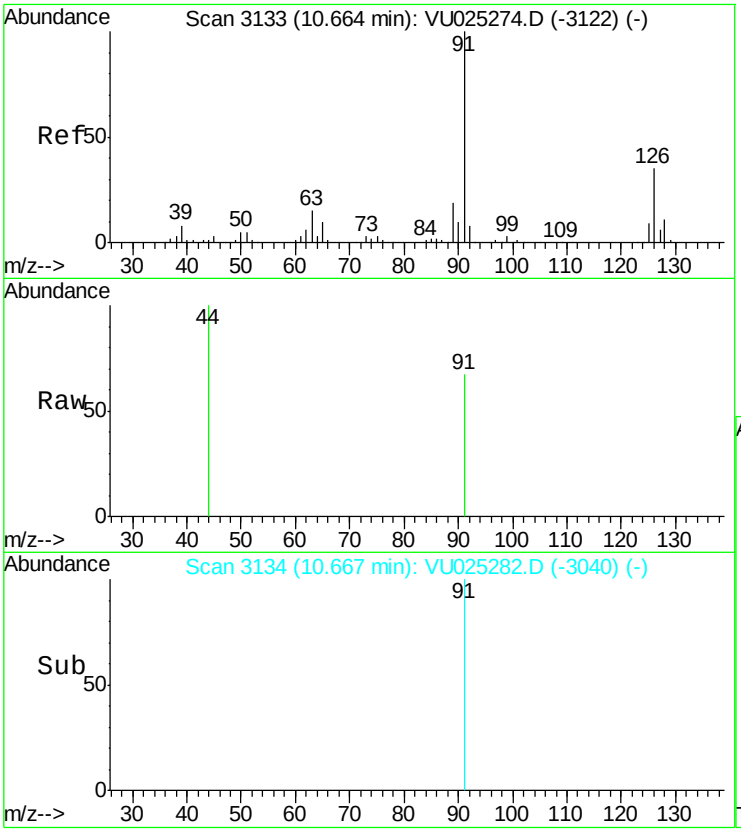


#76
1,2,3-Trichloropropane
Concen: 28.34 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 75 Resp: 88697

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.4	61.3#



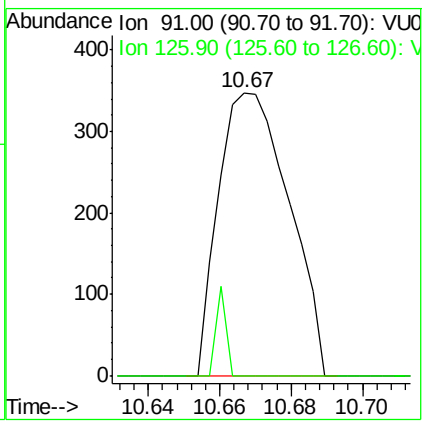


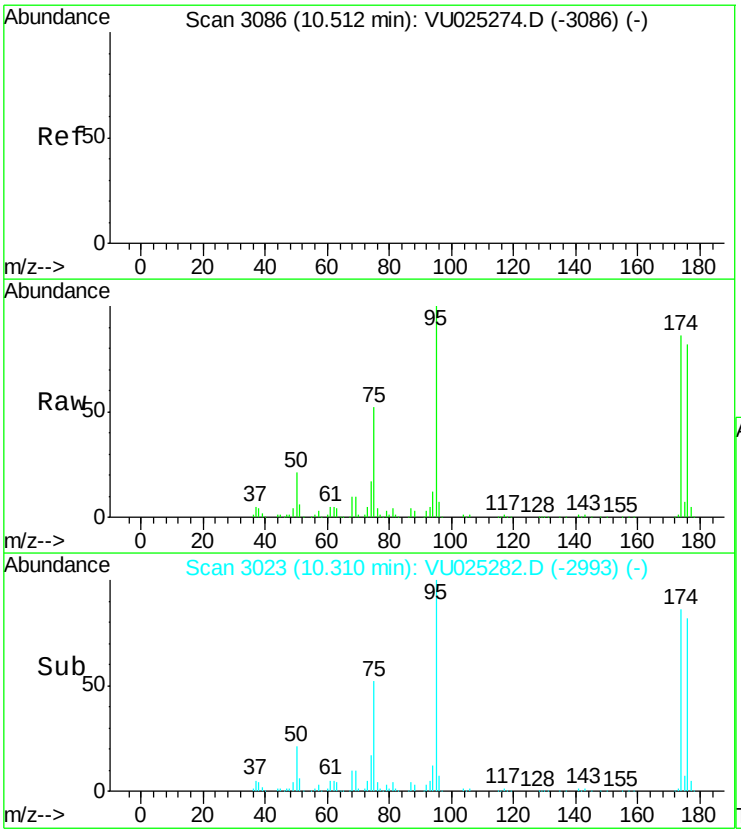
#79
2-Chlorotoluene
Concen: 0.21 ug/l
RT: 10.67 min Scan# 3134
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion: 91 Resp: 474

Ion	Ratio	Lower	Upper
91	100		
126	4.4	17.5	52.6#

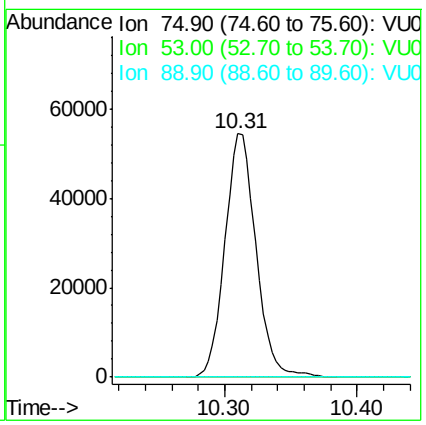


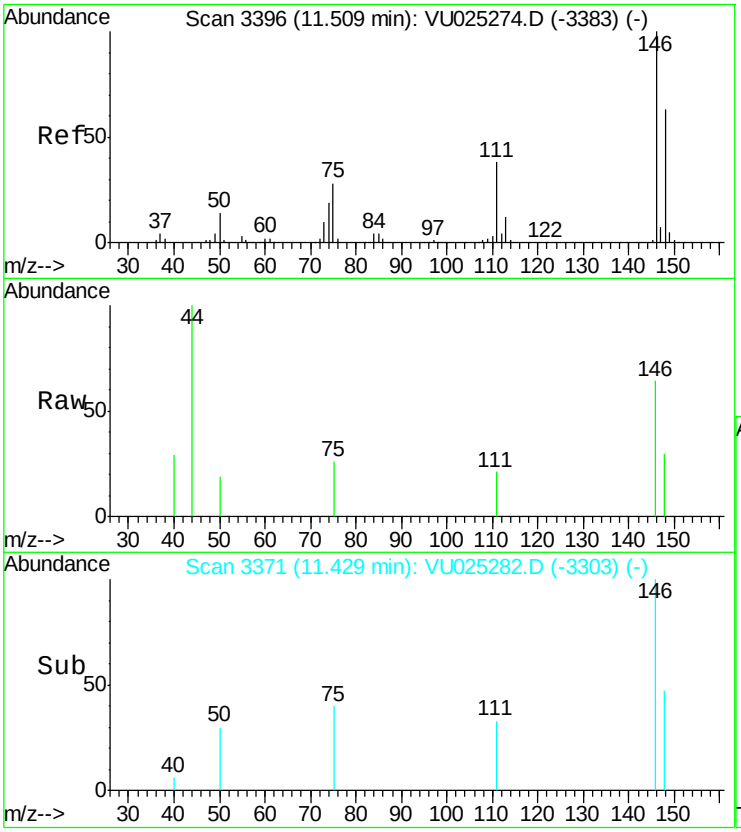


#81
trans-1,4-Dichloro-2-butene
Concen: 72.44 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 75 Resp: 88697

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



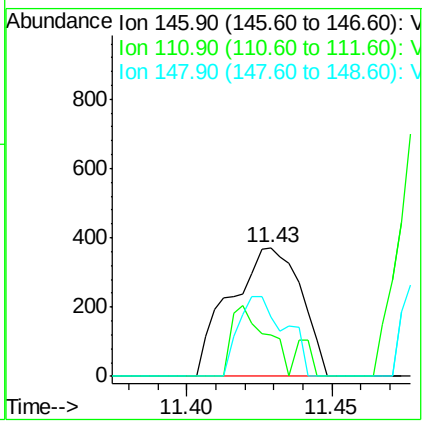


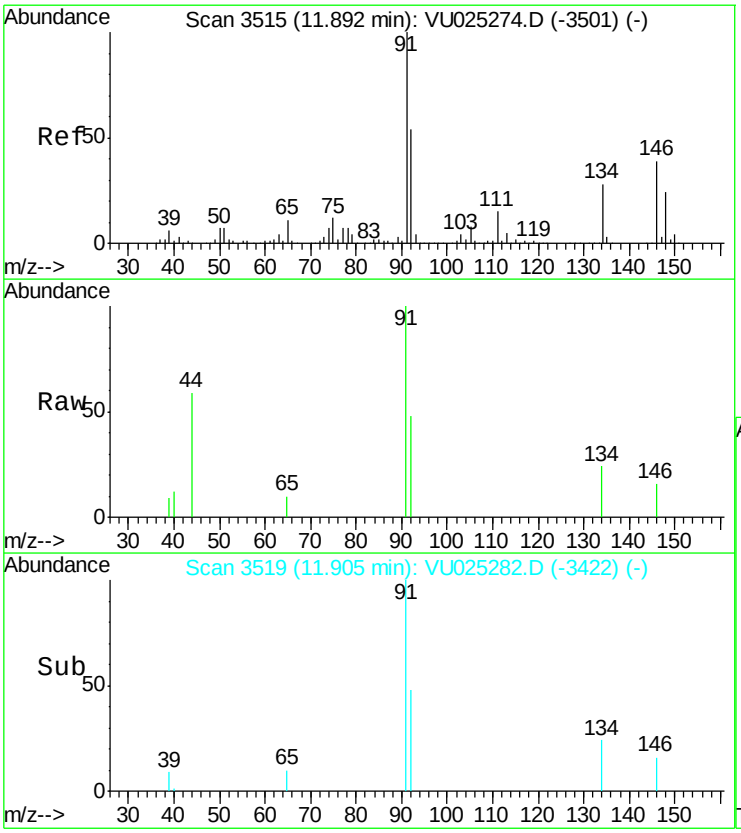
#88
1,4-Dichlorobenzene
Concen: 1.60 ug/l
RT: 11.43 min Scan# 3371
Delta R.T. -0.08 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument : MSVOA_U
ClientSampleId : VU0710WBL01

Tgt Ion:146 Resp: 631

Ion	Ratio	Lower	Upper
146	100		
111	27.4	19.4	58.1
148	41.2	31.7	95.1

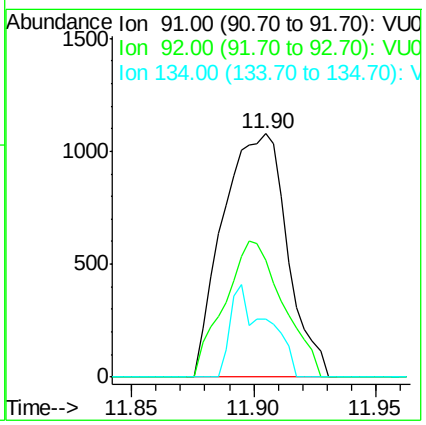


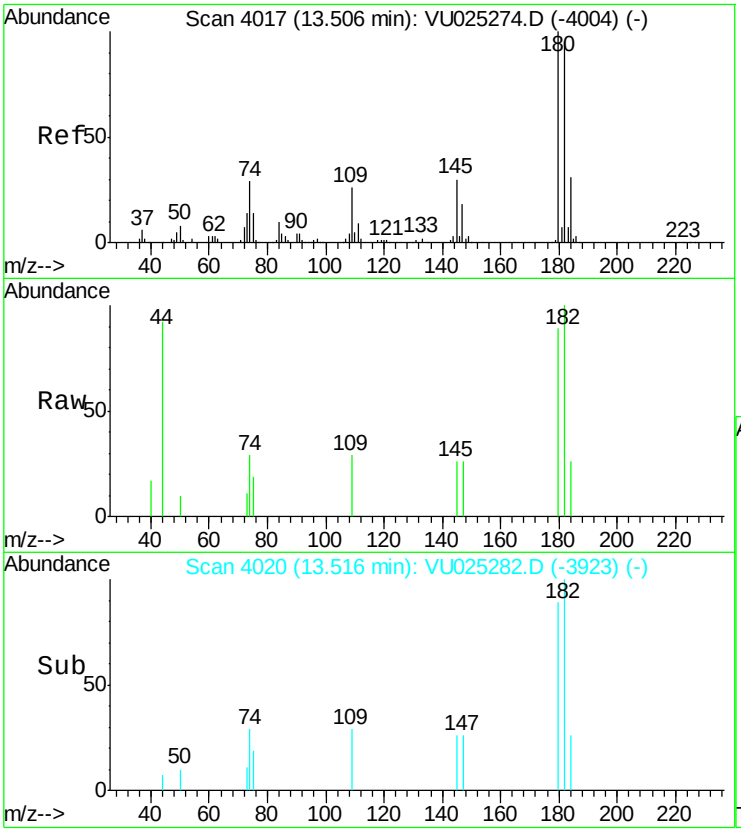


#89
n-Butylbenzene
Concen: 0.23 ug/l
RT: 11.90 min Scan# 3519
Delta R.T. 0.01 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion: 91 Resp: 1975

Ion	Ratio	Lower	Upper
91	100		
92	50.6	26.5	79.5
134	21.5	13.6	40.7



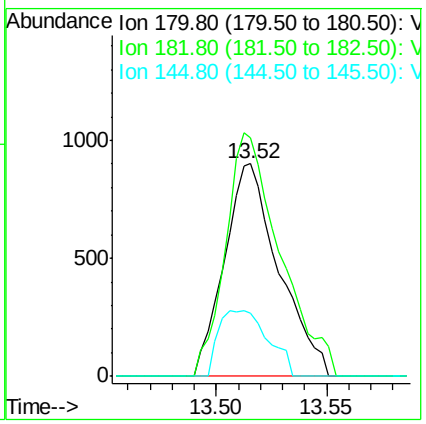


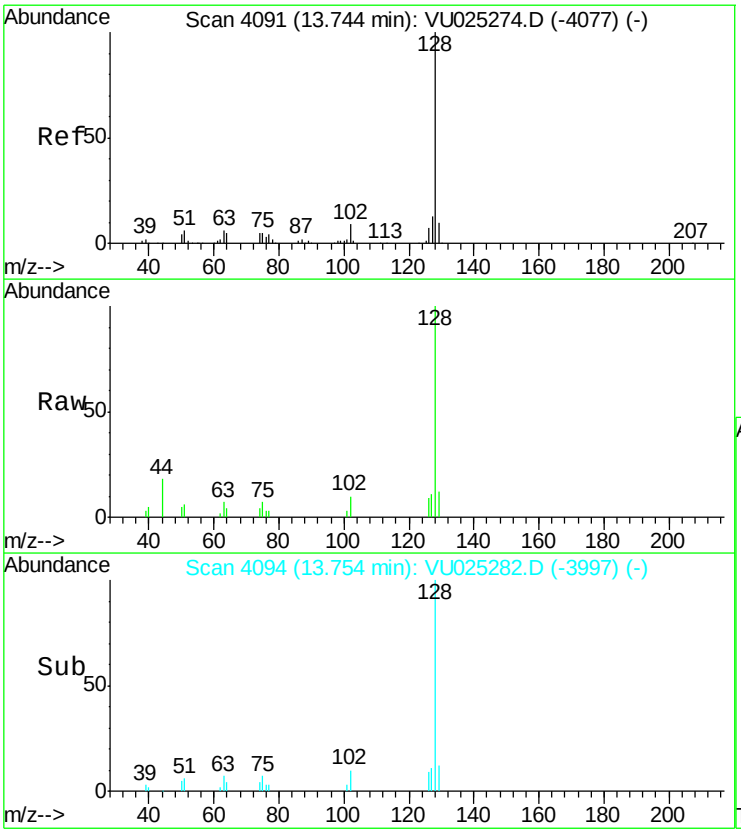
#93
1,2,4-Trichlorobenzene
Concen: 3.67 ug/l
RT: 13.52 min Scan# 4020
Delta R.T. 0.01 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL01

Tgt Ion:180 Resp: 1542

Ion	Ratio	Lower	Upper
180	100		
182	114.9	47.3	141.9
145	28.0	14.9	44.7

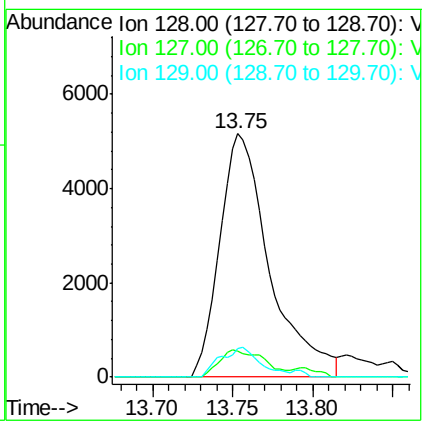


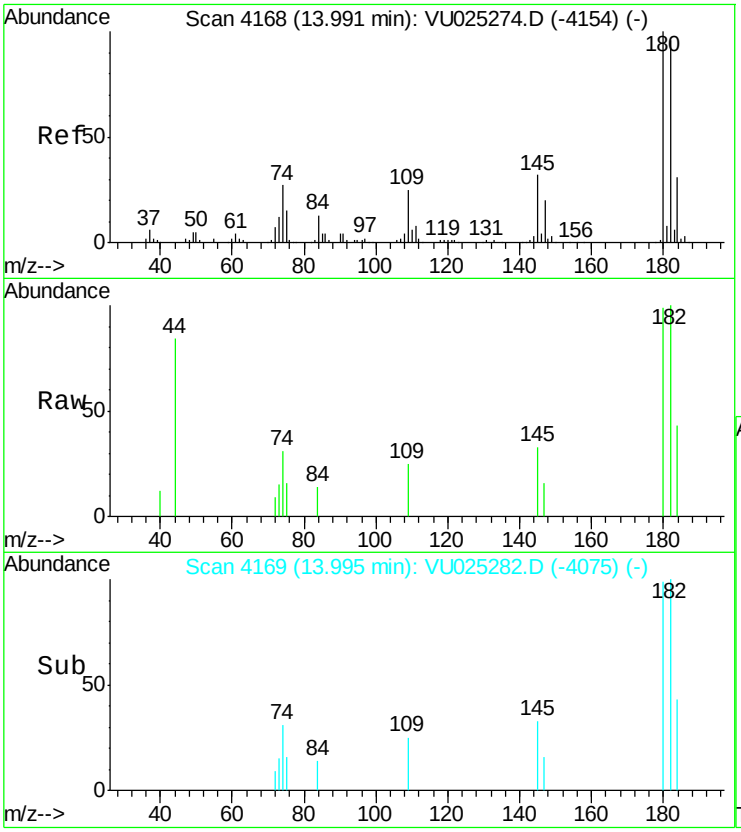


#95
Naphthalene
Concen: 3.34 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Tgt Ion:128 Resp: 10998

Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.5	15.7#
129	9.7	8.3	12.5





#96
1,2,3-Trichlorobenzene
Concen: 3.12 ug/l
RT: 13.99 min Scan# 4169
Delta R.T. 0.00 min
Lab File: VU025282.D
Acq: 10 Jul 2018 12:06

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL01

Tgt Ion:180 Resp: 2325

Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.8	143.3
145	31.4	15.6	46.8