Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
Data File : VU025105.D
Acq On : 30 Jun 2018 22:03
Operator : MD/SY
Sample : J3671-09MEDL 50X
Misc : 7.10g/5..0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : WP021SB478-25-27-180621MEDL

Quant Time: Jul 02 05:42:41 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	213186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	319076	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	160129	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.02%			
35) Dibromofluoromethane	4.89	113	125476	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.76%			
50) Toluene-d8	7.57	98	462671	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.80%			
62) 4-Bromofluorobenzene	10.31	95	169820	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.56%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1059	0.388	ug/l	89
4) Vinyl Chloride	1.40	62	10215	3.633	ug/l	96
5) Bromomethane	1.62	94	484	0.356	ug/l	97
6) Chloroethane	1.70	64	305	Below Cal	#	43
11) Tert butyl alcohol	2.84	59	3662	4.326	ug/l #	72
12) 1,1-Dichloroethene	2.28	96	544	0.224	ug/l #	80
16) Acetone	2.32	43	850	0.455	ug/l #	44
27) cis-1,2-Dichloroethene	4.23	96	135128	43.963	ug/l	88
29) Tetrahydrofuran	4.65	42	312	0.201	ug/l #	44
31) Cyclohexane	4.99	56	5015	Below Cal	#	24
36) 1,1-Dichloropropene	4.99	75	15800	4.214	ug/l #	51
38) Carbon Tetrachloride	4.99	117	21528	5.221	ug/l #	18
39) Methylcyclohexane	6.42	83	1503	0.321	ug/l #	86
44) Trichloroethene	6.19	130	17540	5.769	ug/l	94
65) Chlorobenzene	9.12	112	7503	0.987	ug/l	92
68) m/p-Xylenes	9.38	106	1280	0.250	ug/l	94
76) 1,2,3-Trichloropropane	10.31	75	89511	26.062	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.78	105	2375	0.229	ug/l	95
81) trans-1,4-Dichloro-2-buten	10.31	75	89511	60.317	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	5210	0.492	ug/l	96
89) n-Butylbenzene	11.89	91	2348	0.236	ug/l #	40
90) Hexachloroethane	12.15	117	467	0.214	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	2761	0.492	ug/l	95
95) Naphthalene	13.75	128	1882	0.841	ug/l #	91

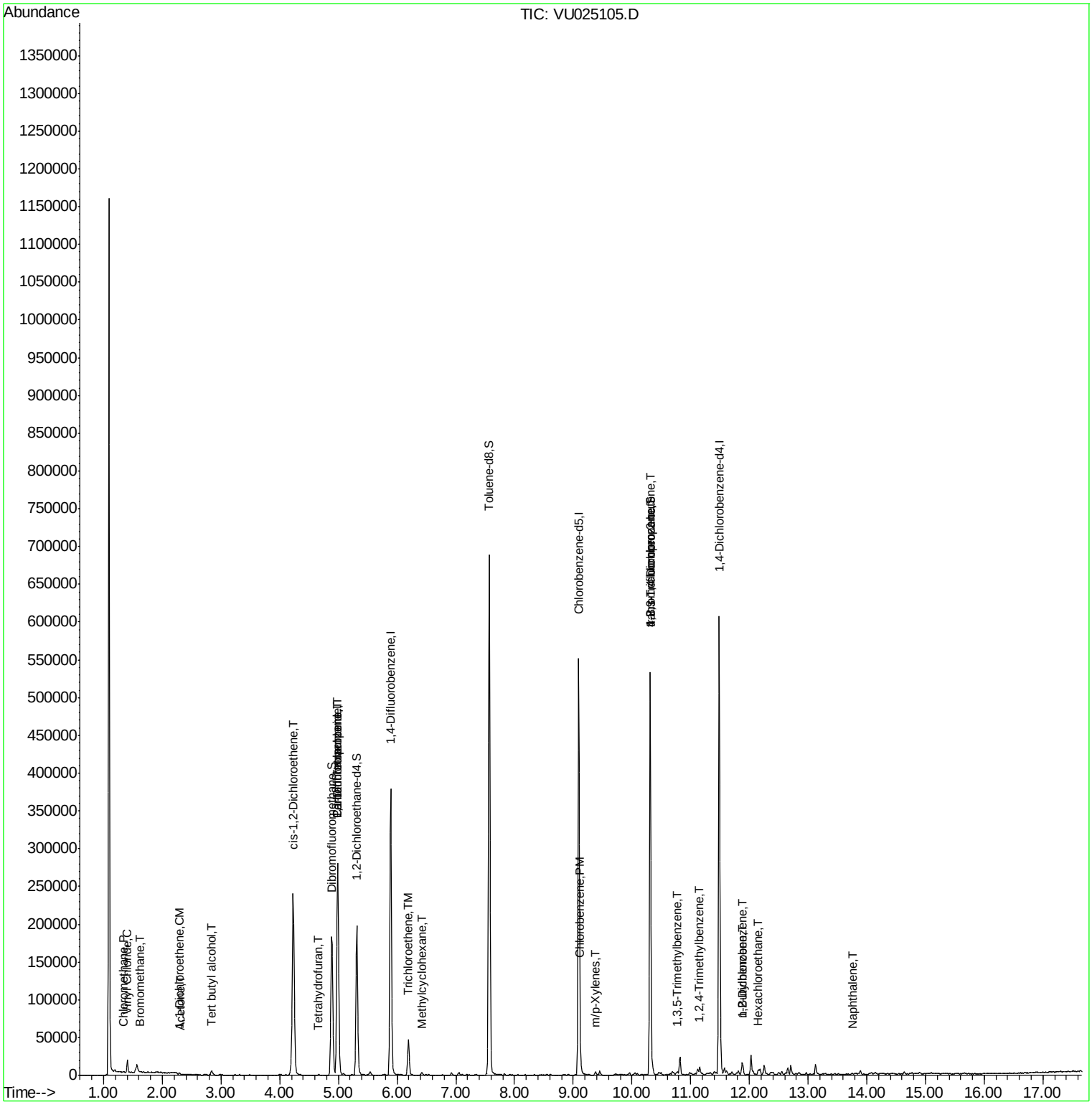
(#) = qualifier out of range (m) = manual integration (+) = signals summed

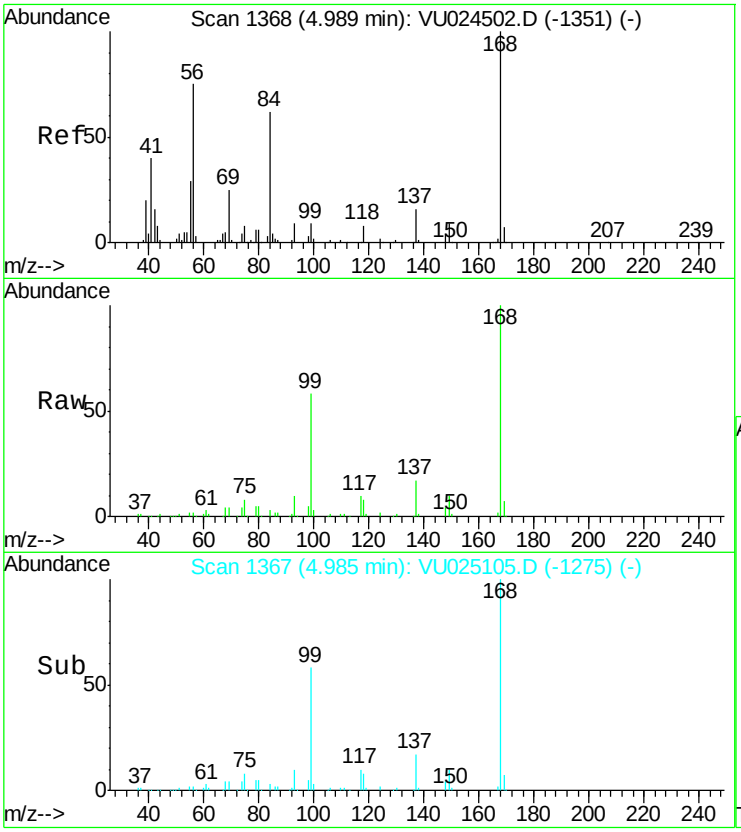
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
Data File : VU025105.D
Acq On : 30 Jun 2018 22:03
Operator : MD/SY
Sample : J3671-09MEDL 50X
Misc : 7.10g/5..0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Quant Time: Jul 02 05:42:41 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



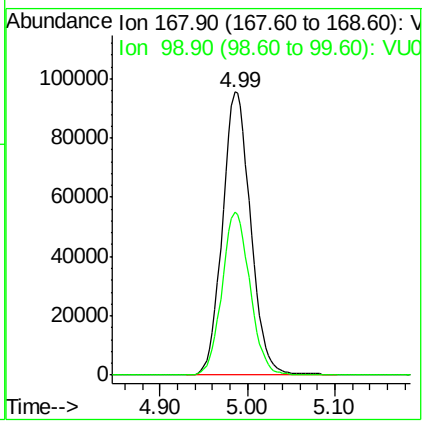


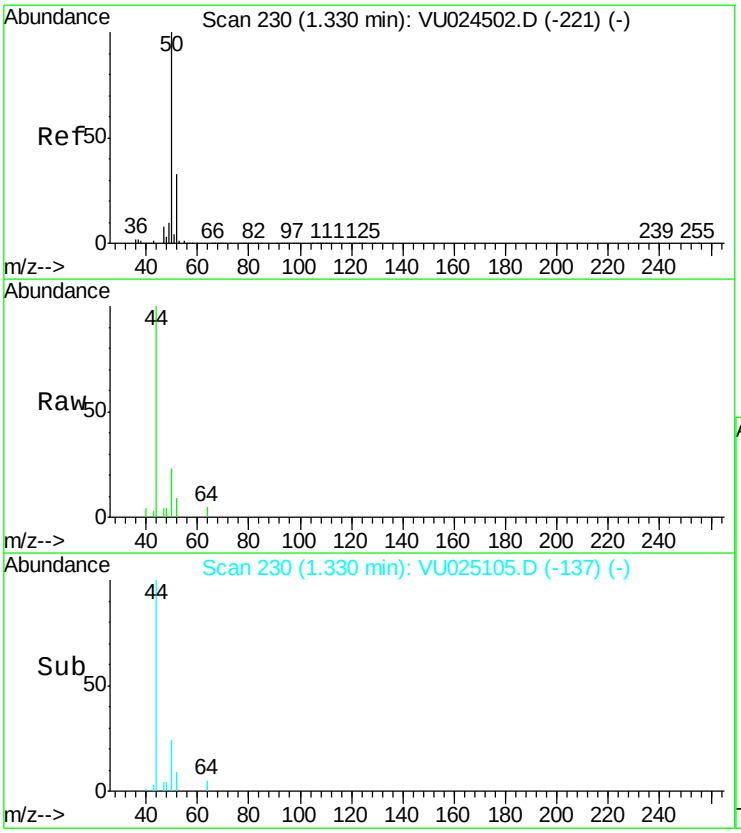
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion:168 Resp: 213186

Ion	Ratio	Lower	Upper
168	100		
99	57.5	43.2	64.8

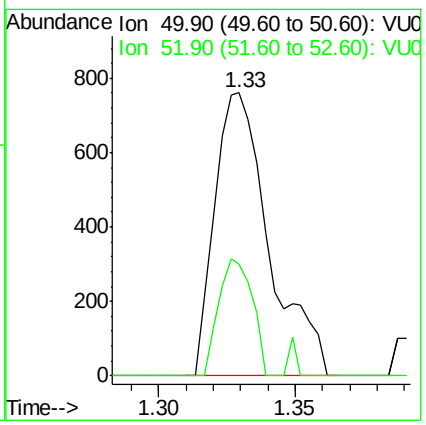


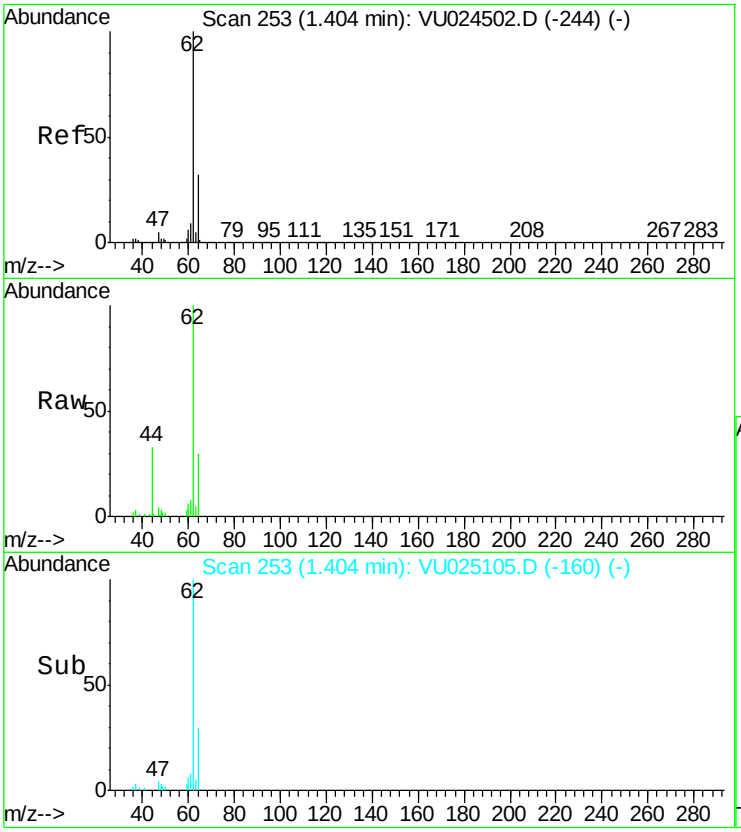


#3
Chloromethane
Concen: 0.388 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion: 50 Resp: 1059

Ion	Ratio	Lower	Upper
50	100		
52	39.3	26.4	39.6



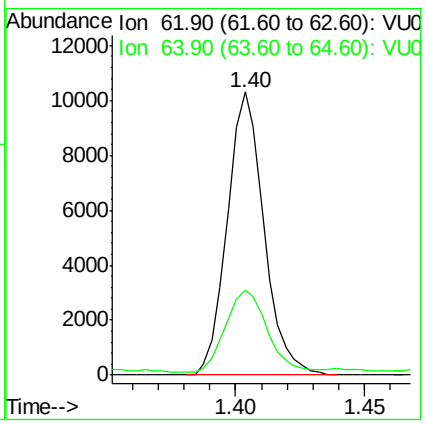


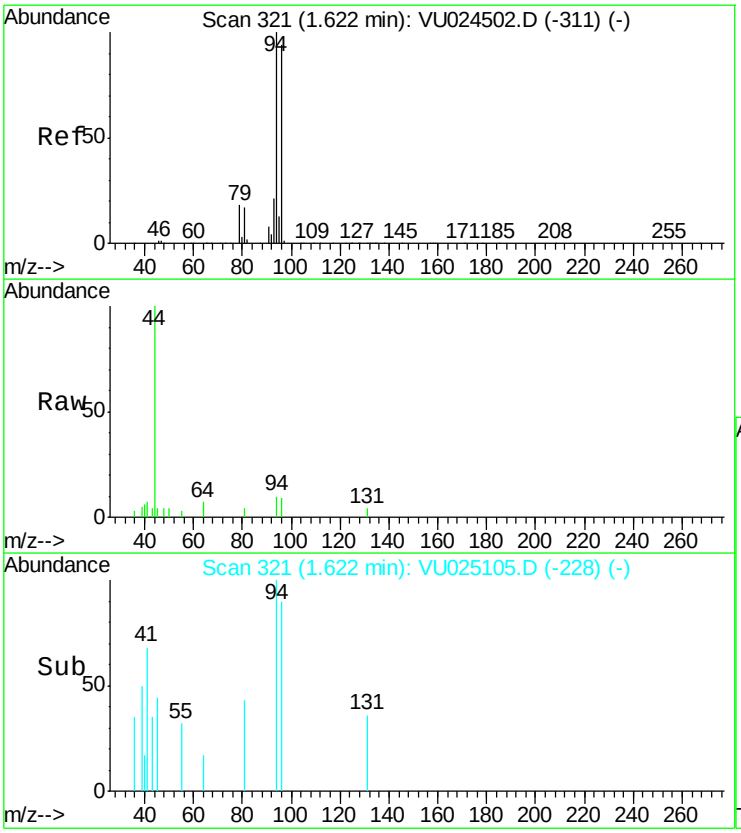
#4
Vinyl Chloride
Concen: 3.633 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 62 Resp: 10215

Ion	Ratio	Lower	Upper
62	100		
64	28.6	24.8	37.2

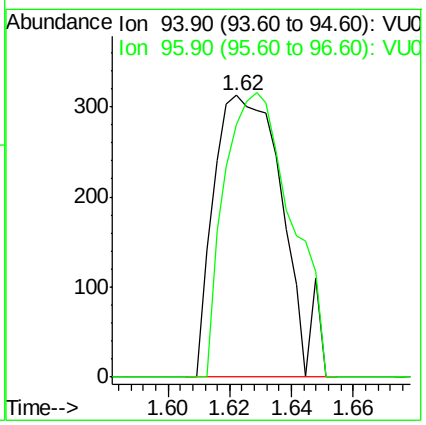


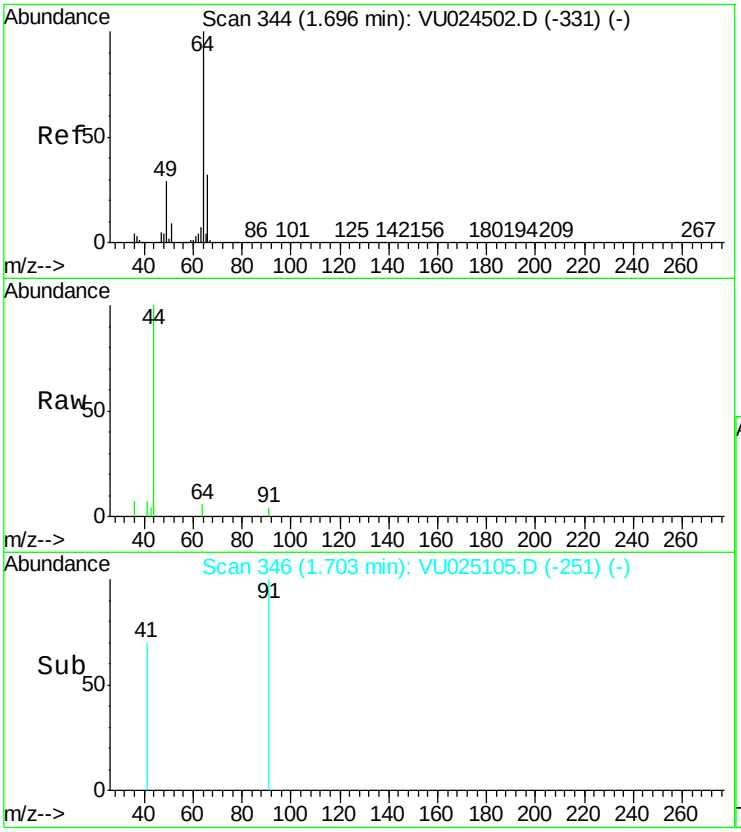


#5
Bromomethane
Concen: 0.356 ug/l
RT: 1.62 min Scan# 321
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion: 94 Resp: 484

Ion	Ratio	Lower	Upper
94	100		
96	89.8	74.5	111.7



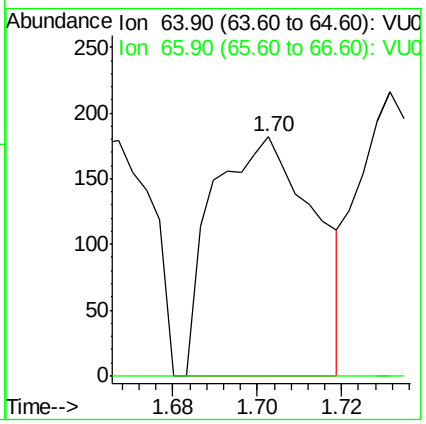


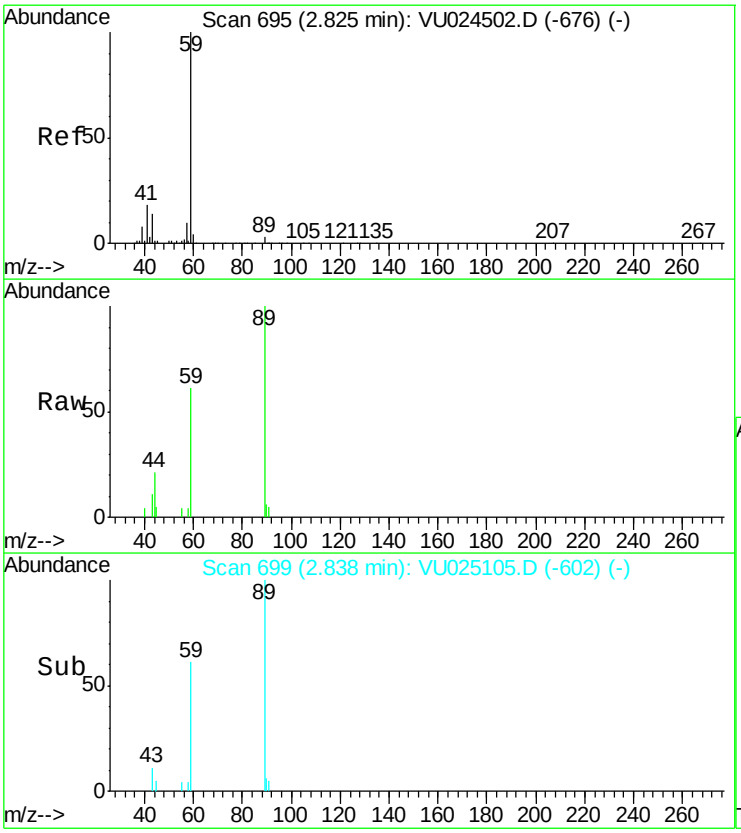
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 346
Delta R.T. 0.01 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument : MSVOA_U
ClientSampleId : WP021SB478-25-27-180621MEDL

Tgt Ion: 64 Resp: 305

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

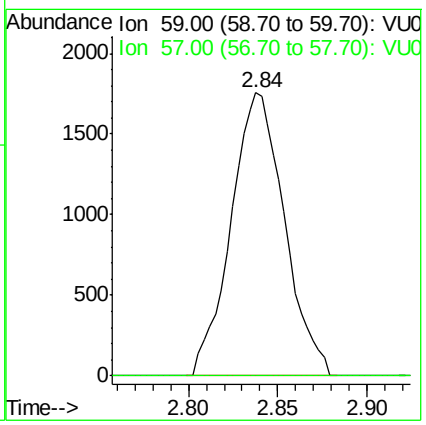


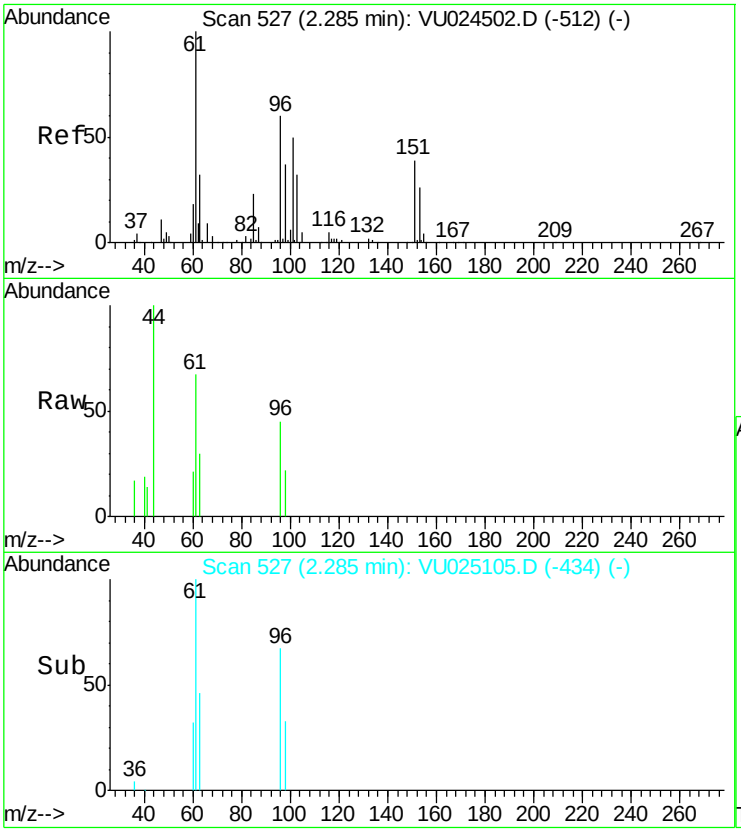


#11
Tert butyl alcohol
Concen: 4.326 ug/l
RT: 2.84 min Scan# 699
Delta R.T. 0.01 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion: 59 Resp: 3662

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



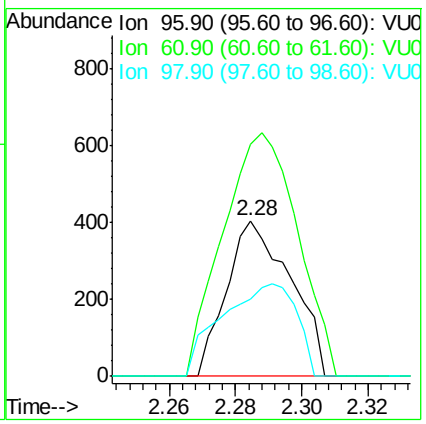


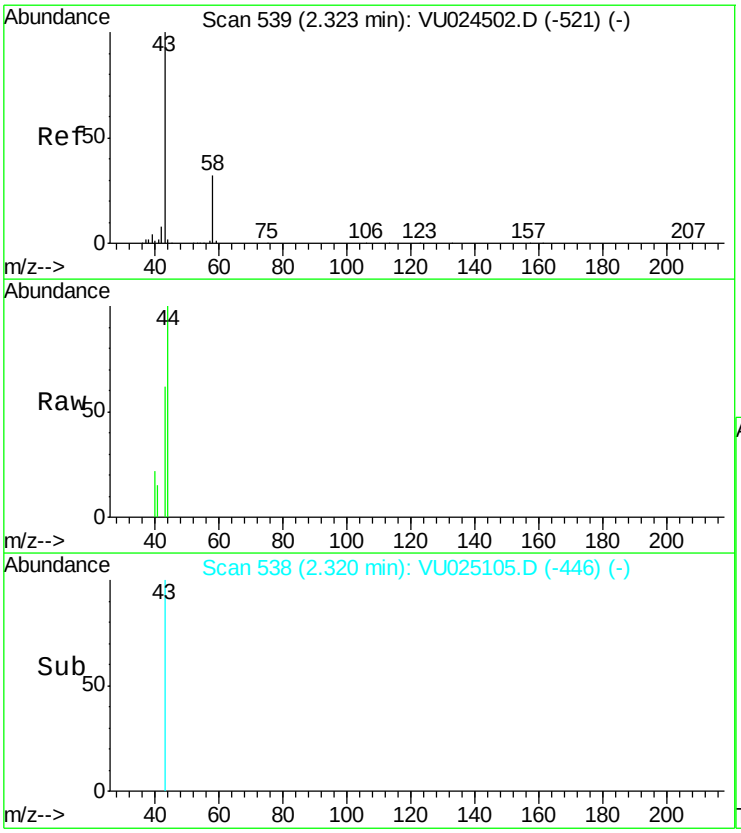
#12
1,1-Dichloroethene
Concen: 0.224 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 96 Resp: 544

Ion	Ratio	Lower	Upper
96	100		
61	149.0	141.7	212.5
98	49.5	51.6	77.4#

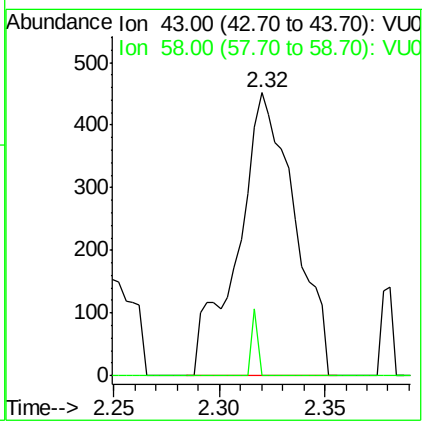


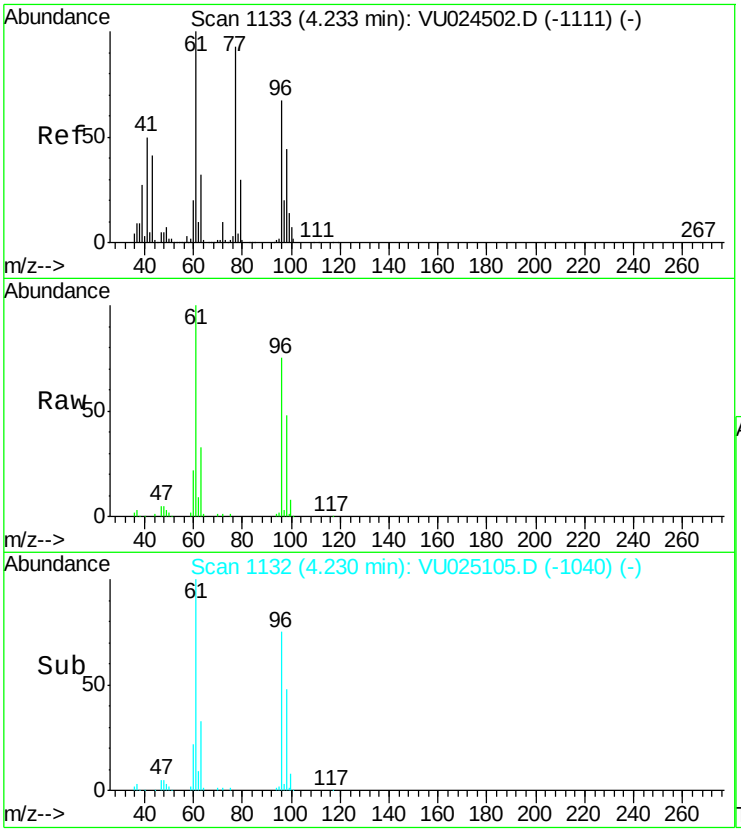


#16
Acetone
Concen: 0.455 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion: 43 Resp: 850

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.4	36.6#



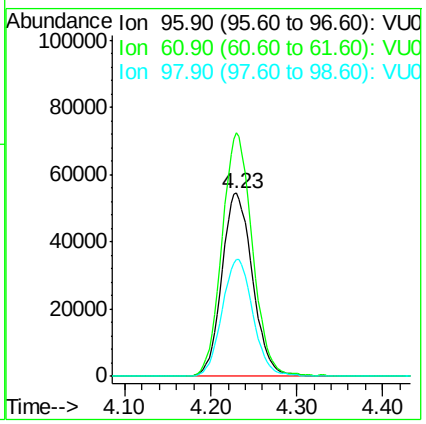


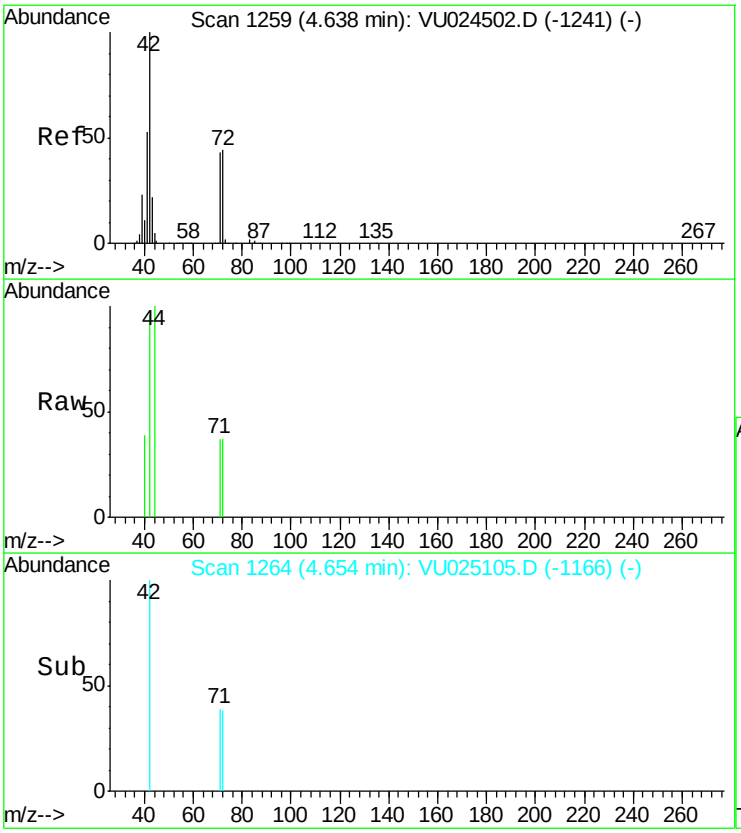
#27
cis-1,2-Dichloroethene
Concen: 43.963 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 96 Resp: 135128

Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	306.6
98	64.3	0.0	128.8

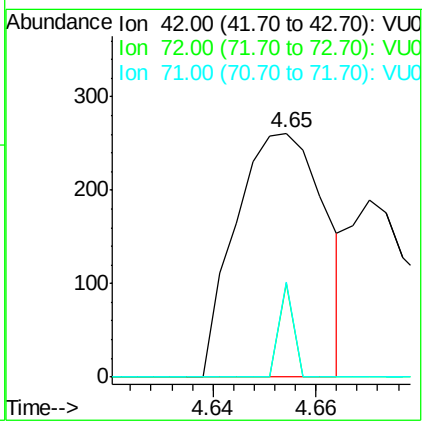


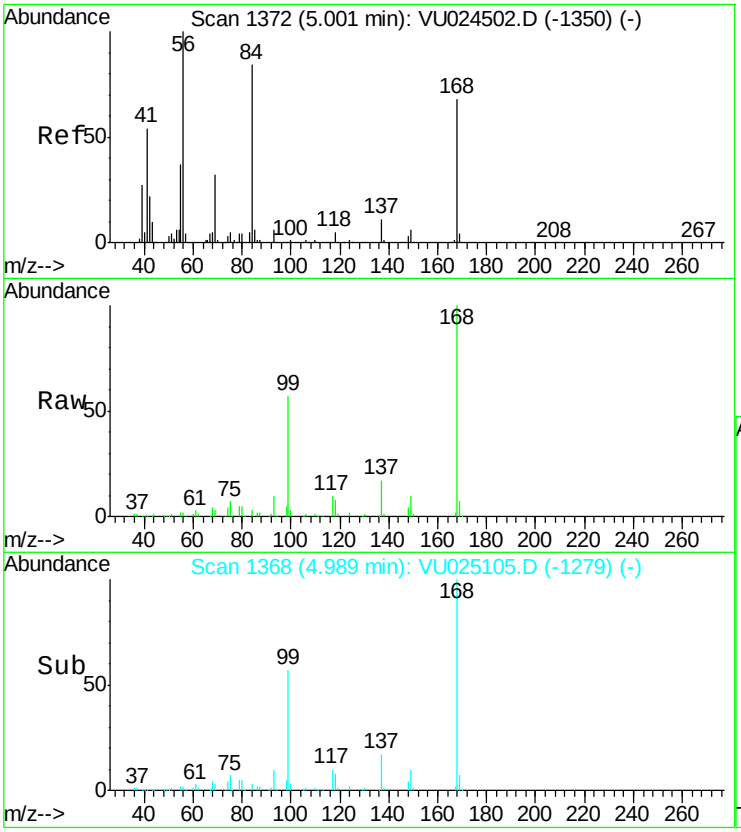


#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. 0.02 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion: 42 Resp: 312

Ion	Ratio	Lower	Upper
42	100		
72	6.1	34.5	51.7#
71	6.4	32.2	48.4#



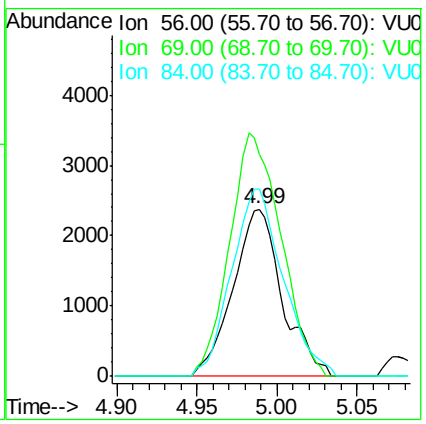


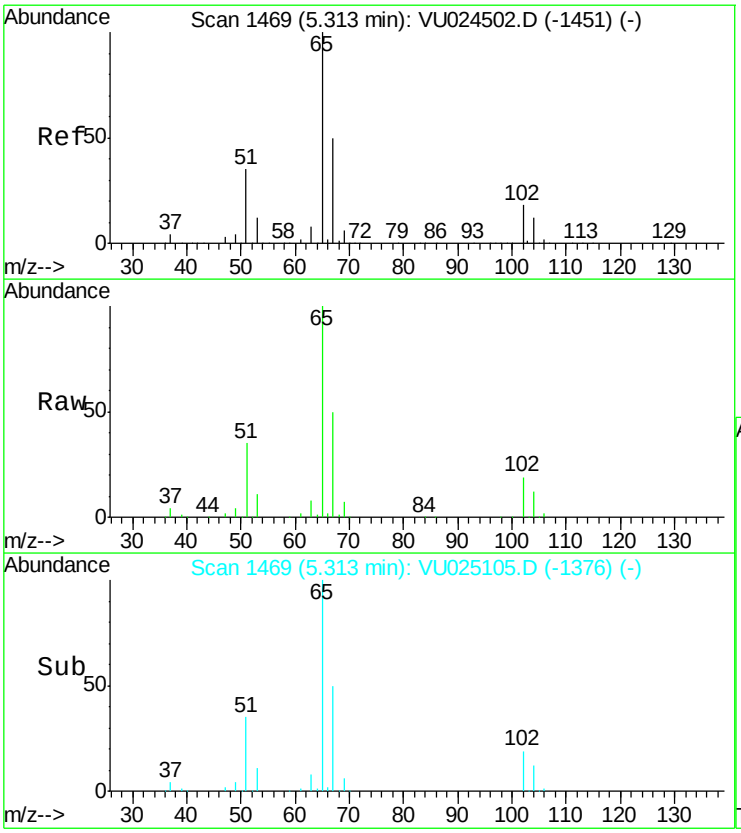
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument : MSVOA_U
ClientSampleId : WP021SB478-25-27-180621MEDL

Tgt Ion: 56 Resp: 5015

Ion	Ratio	Lower	Upper
56	100		
69	133.0	24.8	37.2#
84	112.2	65.2	97.8#

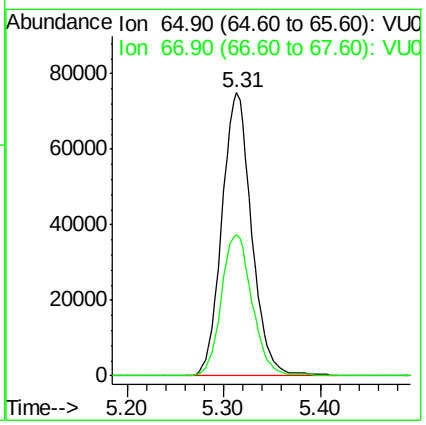


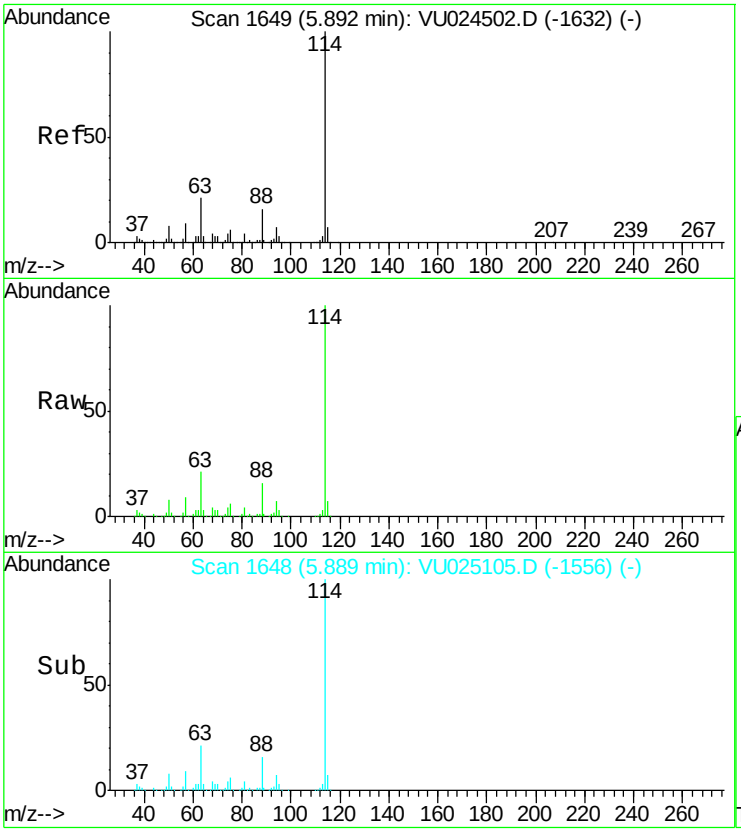


#33
1,2-Dichloroethane-d4
Concen: 46.010 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion: 65 Resp: 160129

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	107.0



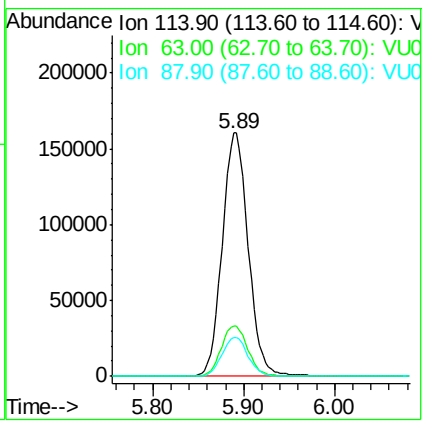


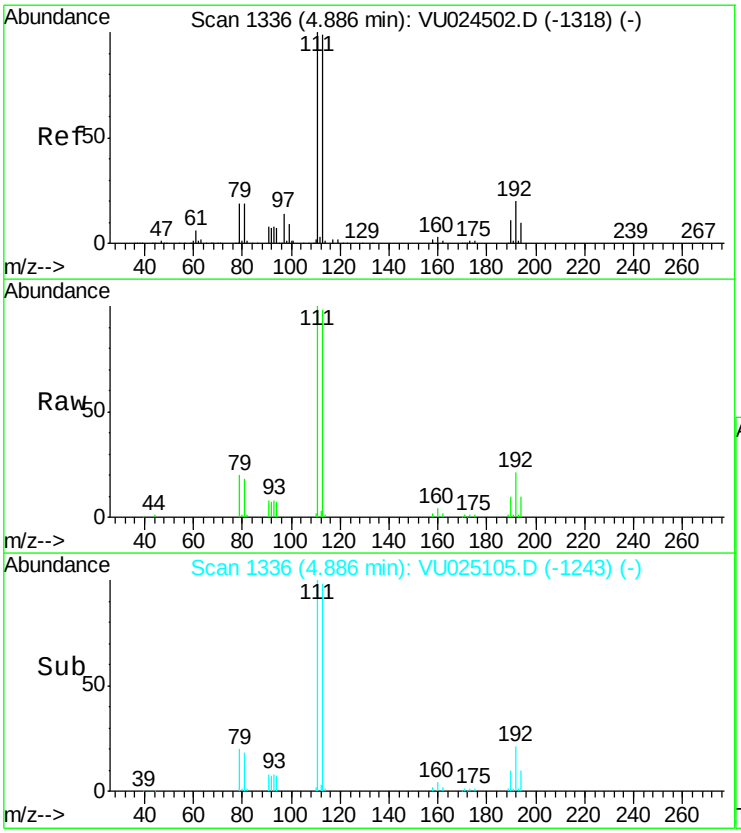
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion:114 Resp: 319076

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	45.4
88	16.1	0.0	31.0

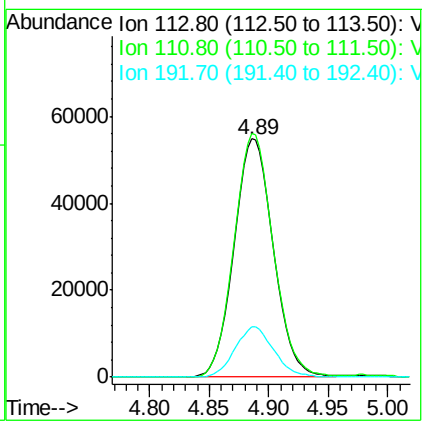


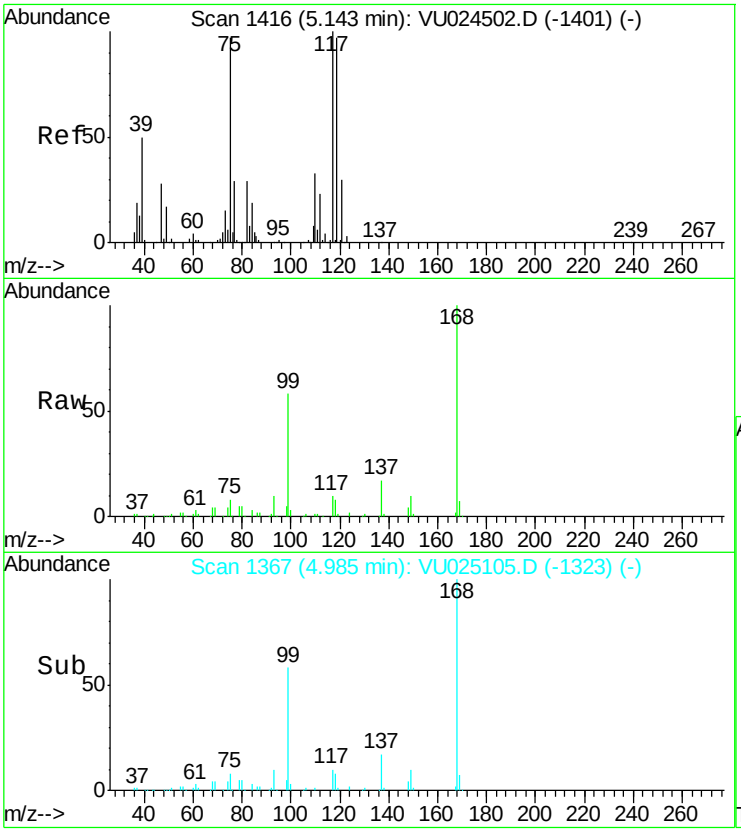


#35
Dibromofluoromethane
Concen: 47.384 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:113 Resp: 125476

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	20.8	16.2	24.4



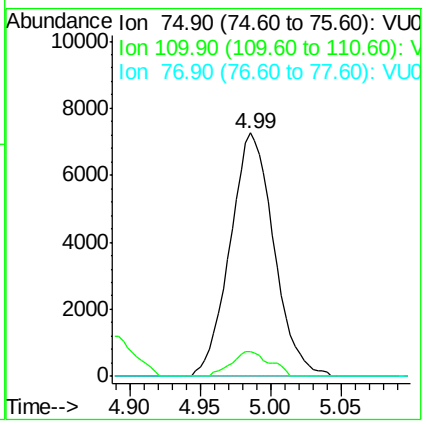


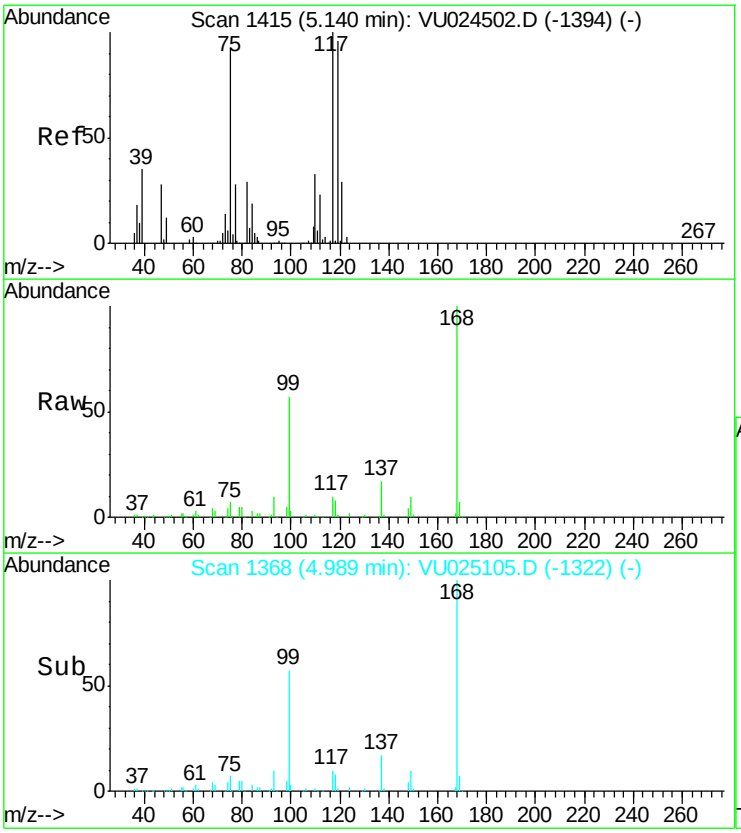
#36
1,1-Dichloropropene
Concen: 4.214 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.16 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 75 Resp: 15800

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	24.2	36.4#

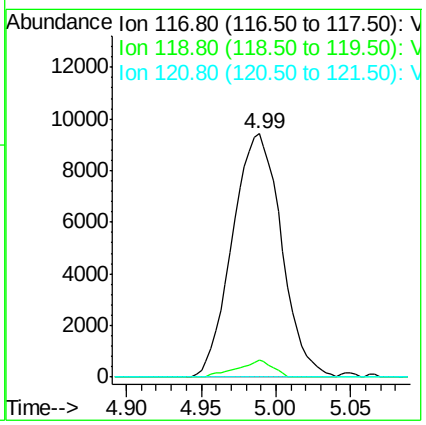


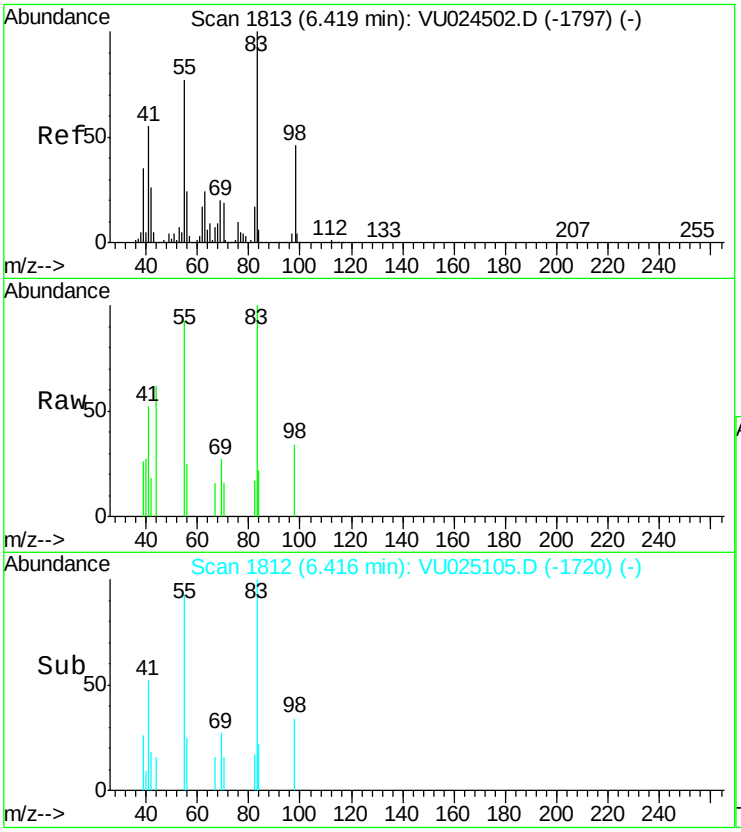


#38
Carbon Tetrachloride
Concen: 5.221 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:117 Resp: 21528

Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.1	114.1#
121	0.0	23.7	35.5#



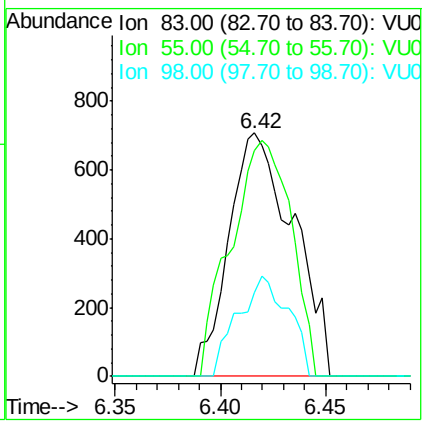


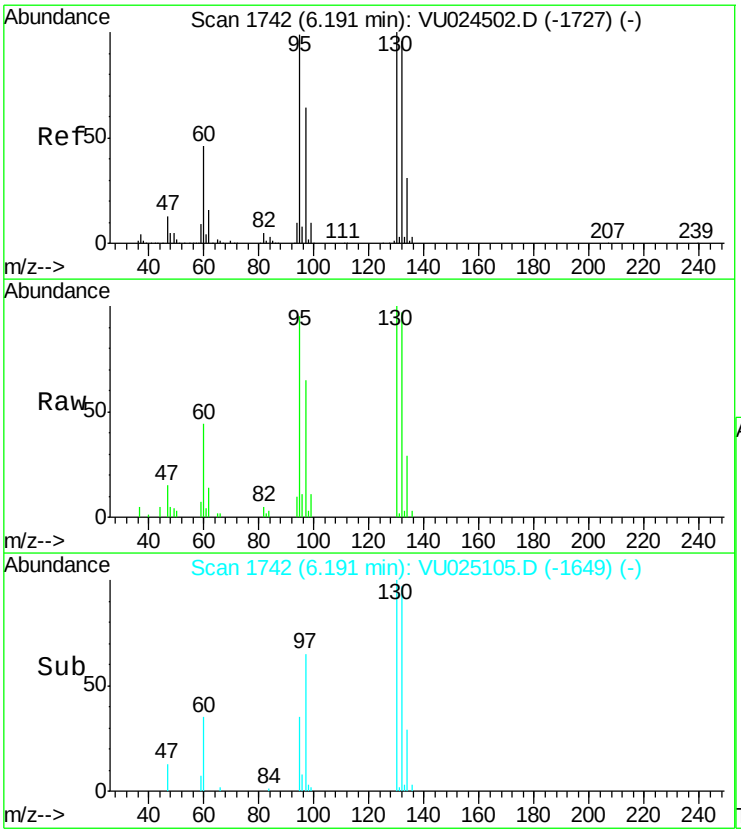
#39
Methylcyclohexane
Concen: 0.321 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 83 Resp: 1503

Ion	Ratio	Lower	Upper
83	100		
55	92.9	65.8	98.6
98	34.3	36.7	55.1#

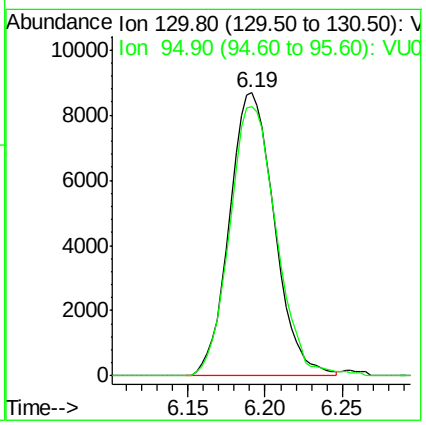


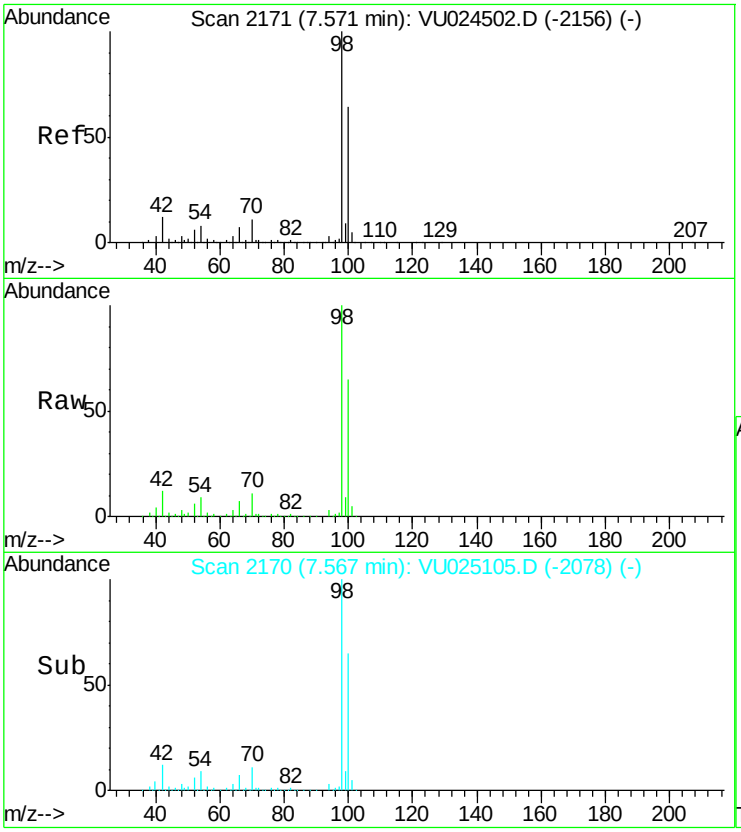


#44
Trichloroethene
Concen: 5.769 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:130 Resp: 17540

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	202.4



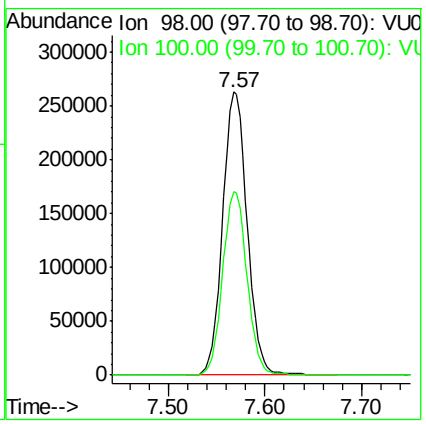


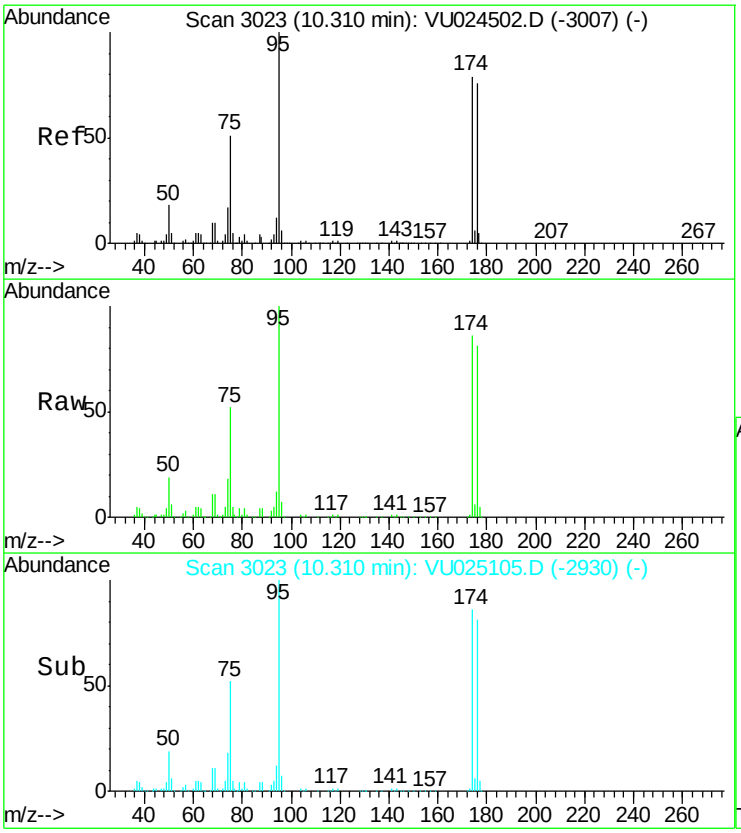
#50
Toluene-d8
Concen: 47.900 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 98 Resp: 462671

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7

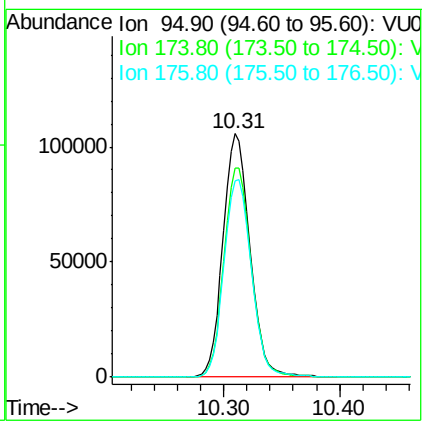


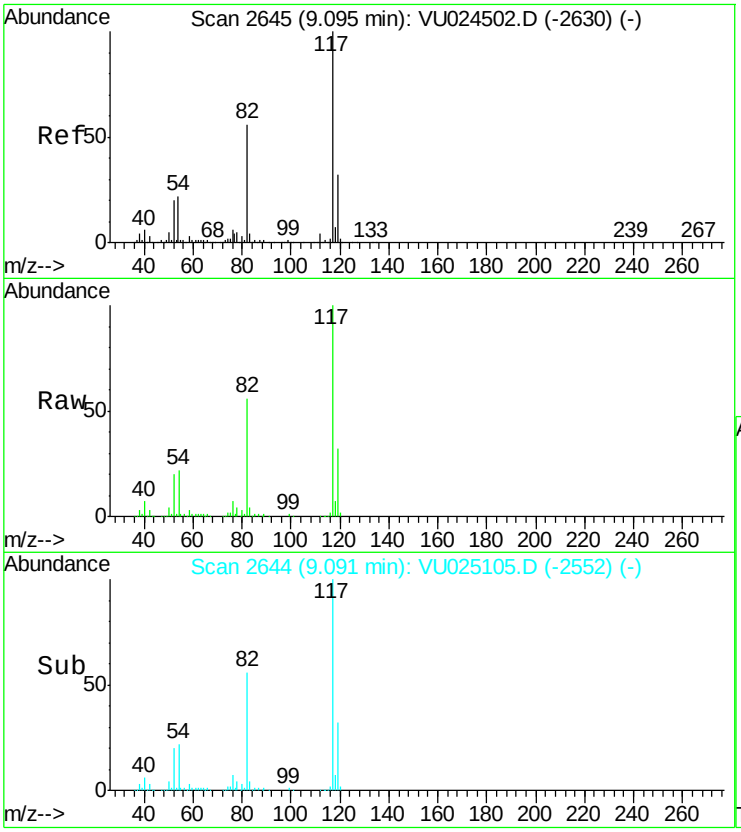


#62
4-Bromofluorobenzene
Concen: 44.281 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion: 95 Resp: 169820

Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	165.8
176	82.7	0.0	159.4



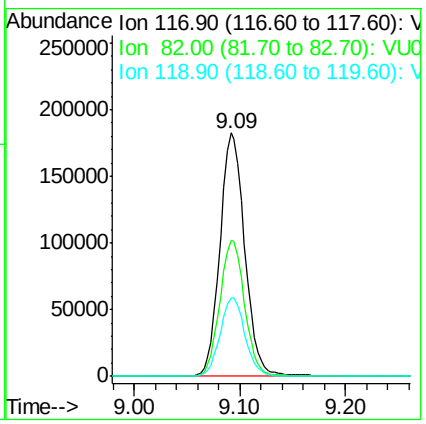


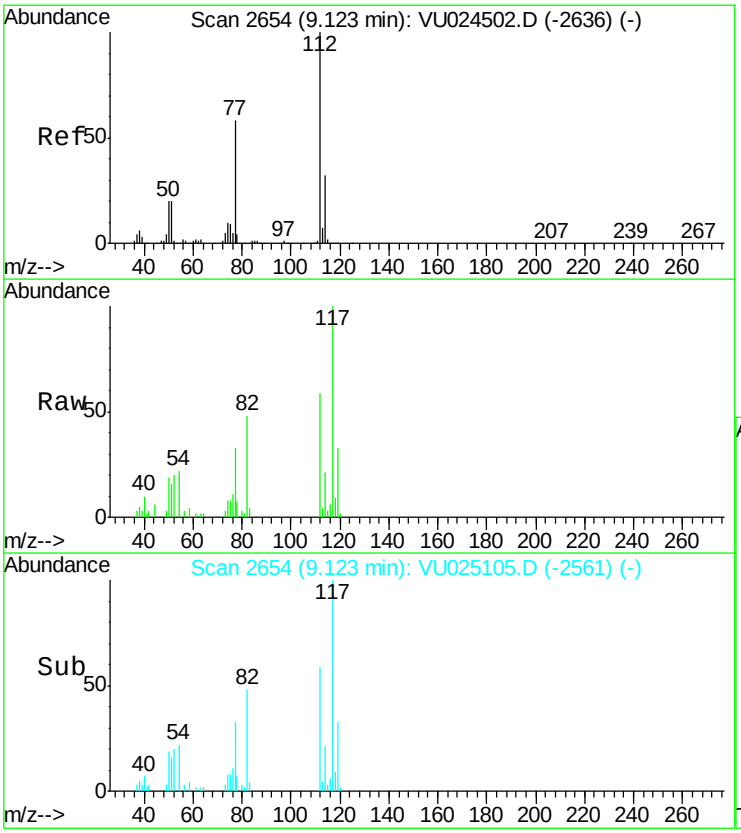
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion:117 Resp: 297514

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.3	66.5
119	32.2	25.4	38.2

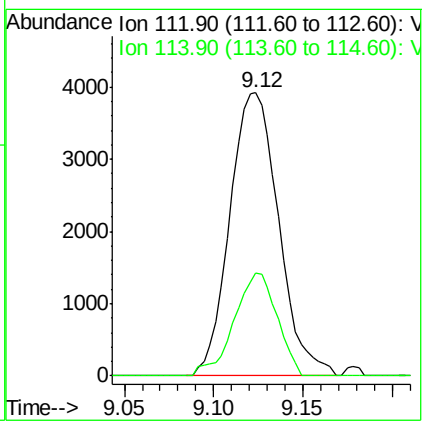


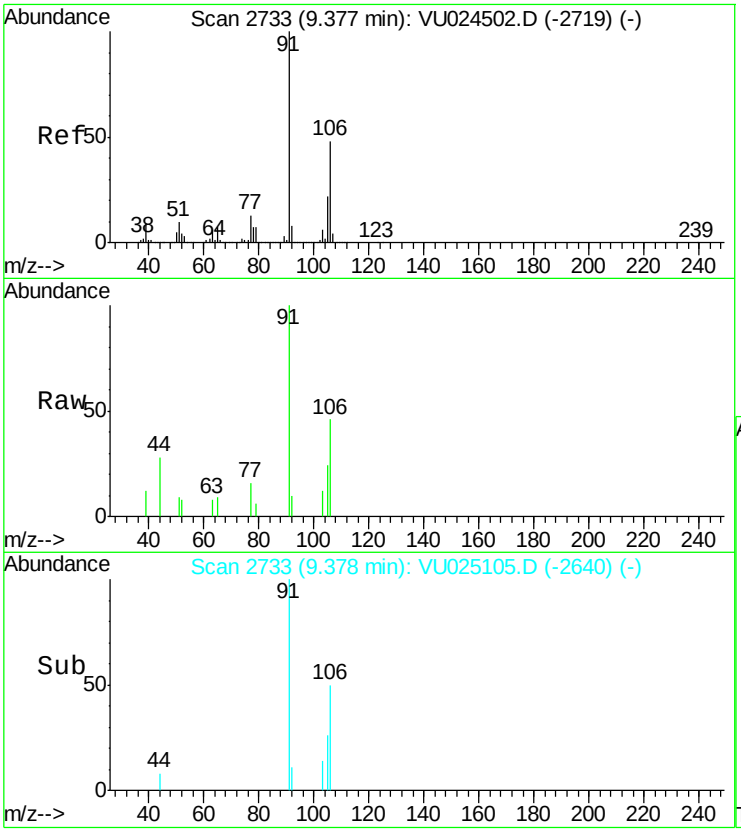


#65
Chlorobenzene
Concen: 0.987 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:112 Resp: 7503

Ion	Ratio	Lower	Upper
112	100		
114	36.3	25.6	38.4



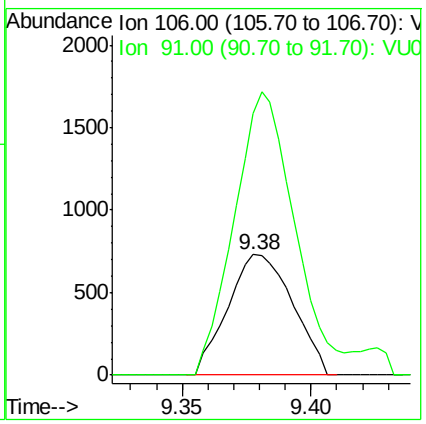


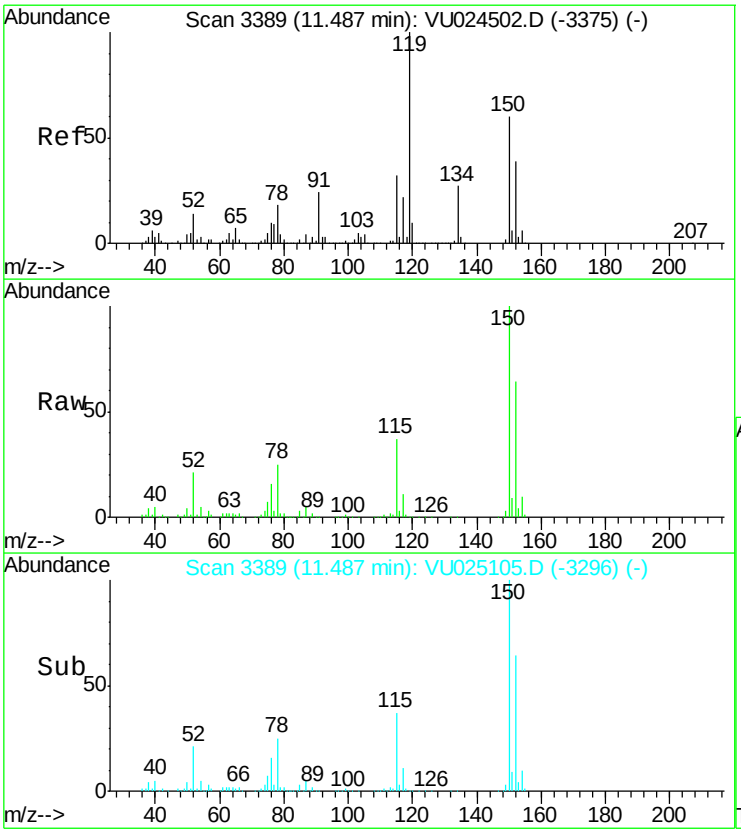
#68
m/p-Xylenes
Concen: 0.250 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion:106 Resp: 1280

Ion	Ratio	Lower	Upper
106	100		
91	218.0	166.5	249.7

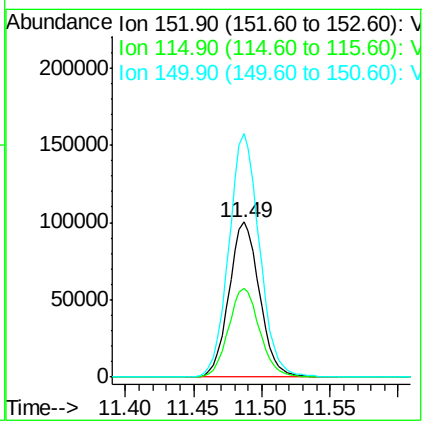


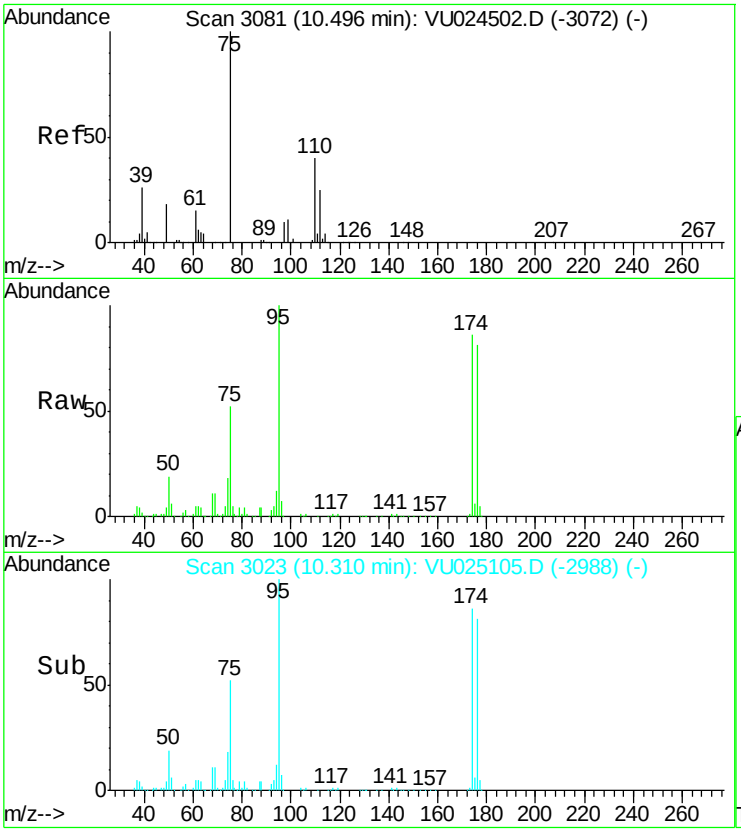


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:152 Resp: 156002

Ion	Ratio	Lower	Upper
152	100		
115	58.2	43.0	129.0
150	157.2	0.0	354.0



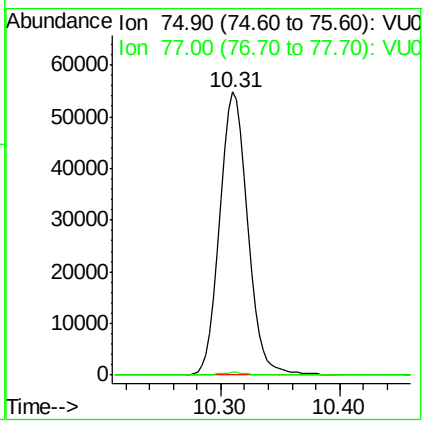


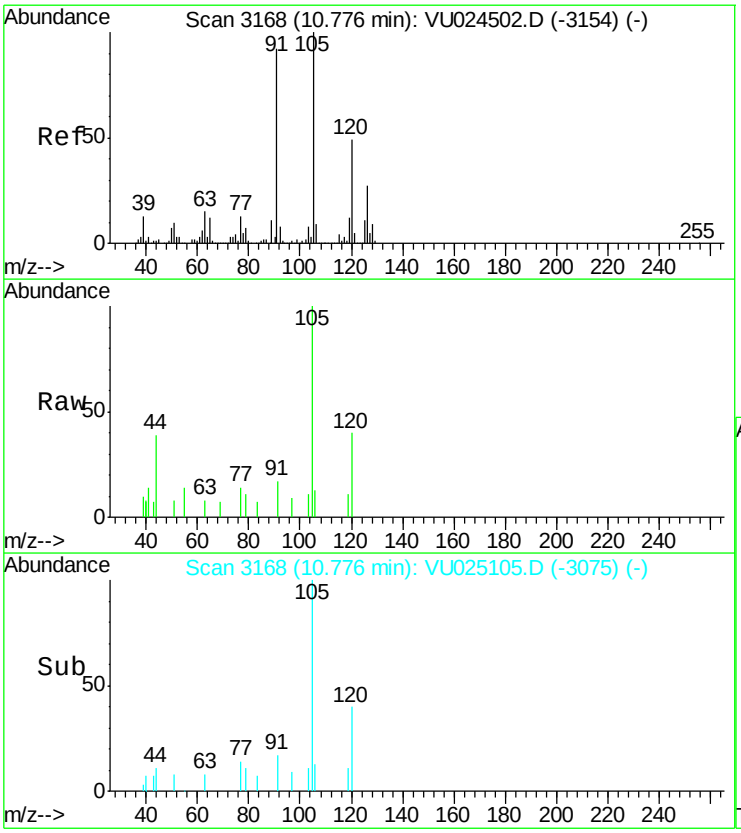
#76
1,2,3-Trichloropropane
Concen: 26.062 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 75 Resp: 89511

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.9	62.7#

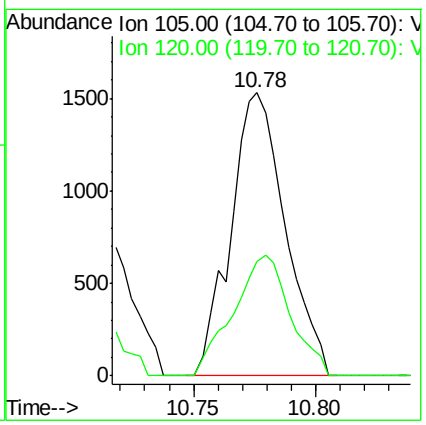


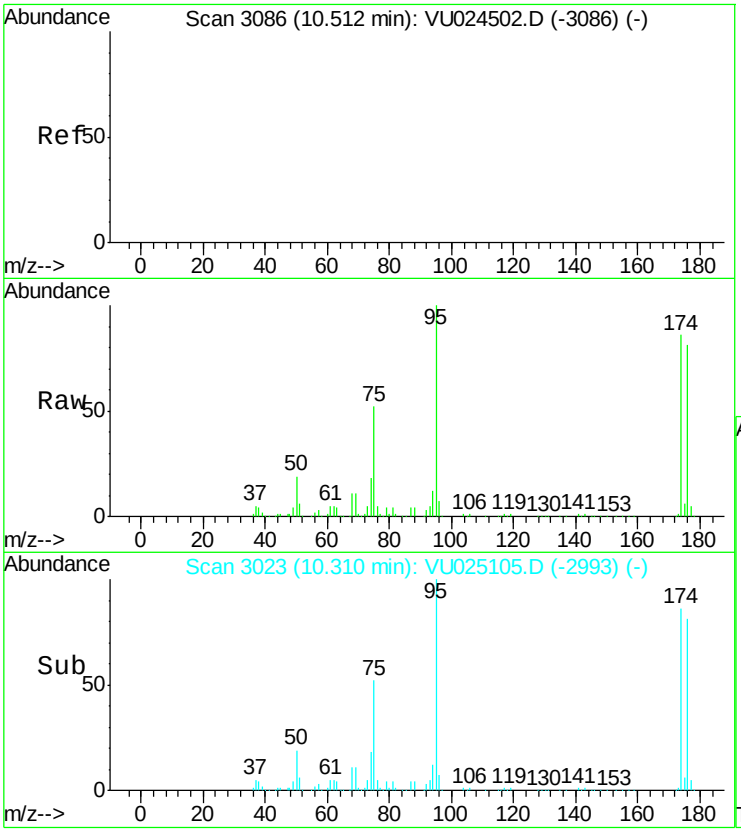


#80
1,3,5-Trimethylbenzene
Concen: 0.229 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:105 Resp: 2375

Ion	Ratio	Lower	Upper
105	100		
120	44.6	24.1	72.2



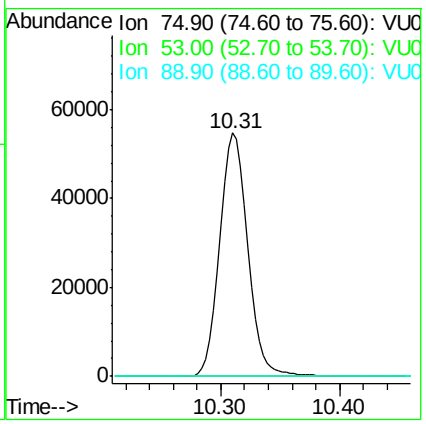


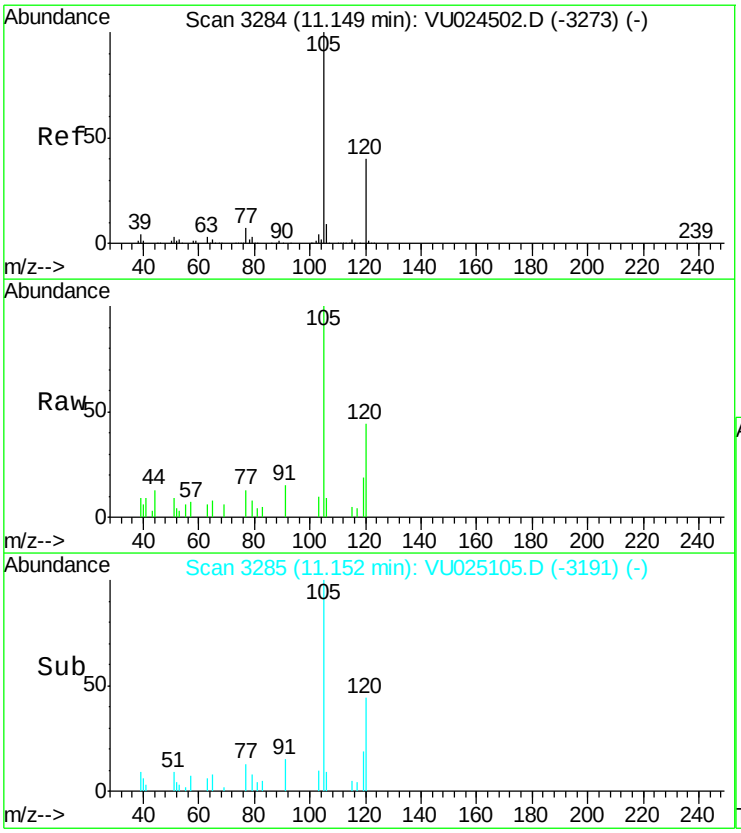
#81
trans-1,4-Dichloro-2-butene
Concen: 60.317 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 75 Resp: 89511

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

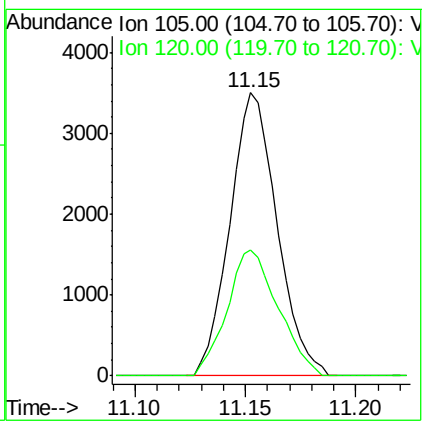


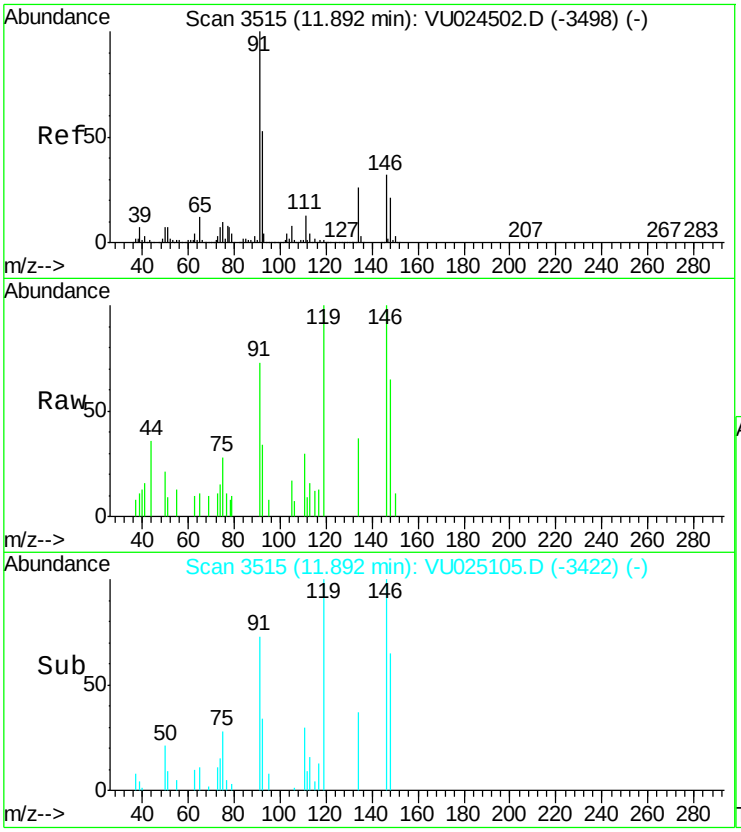


#84
1,2,4-Trimethylbenzene
Concen: 0.492 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:105 Resp: 5210

Ion	Ratio	Lower	Upper
105	100		
120	48.0	22.6	67.8



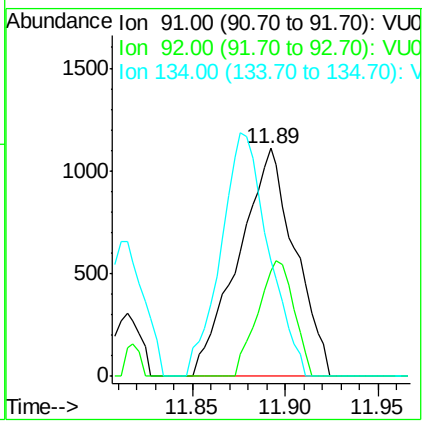


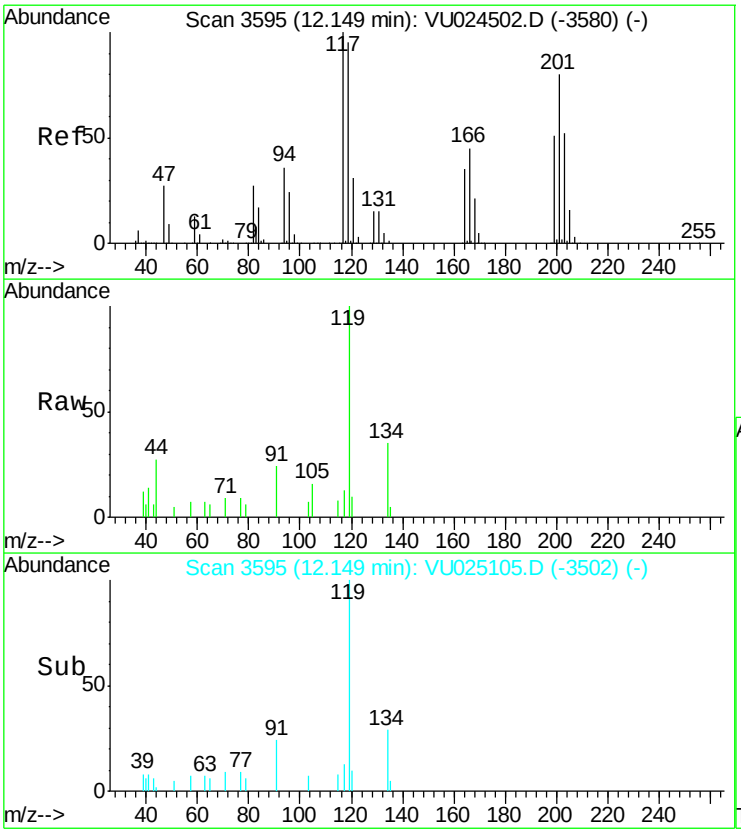
#89
n-Butylbenzene
Concen: 0.236 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion: 91 Resp: 2348

Ion	Ratio	Lower	Upper
91	100		
92	32.6	25.6	76.8
134	89.6	12.3	36.8#

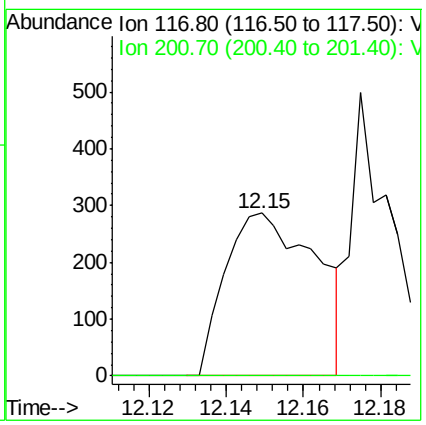


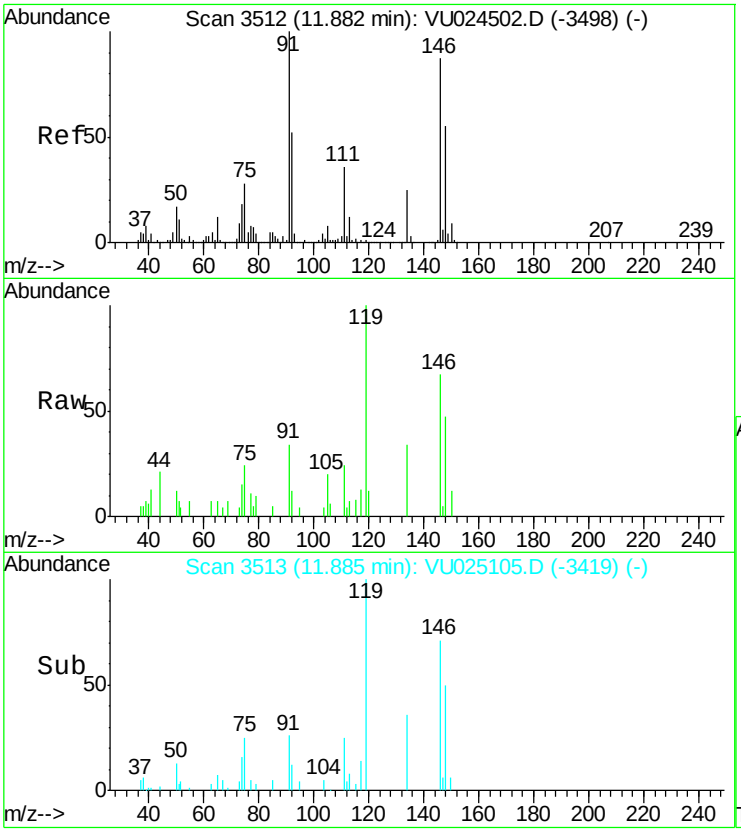


#90
Hexachloroethane
Concen: 0.214 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:117 Resp: 467

Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.1	123.3#



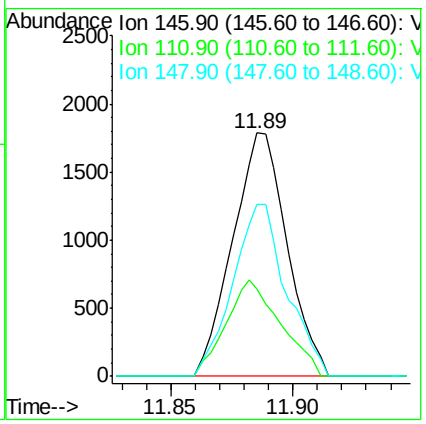


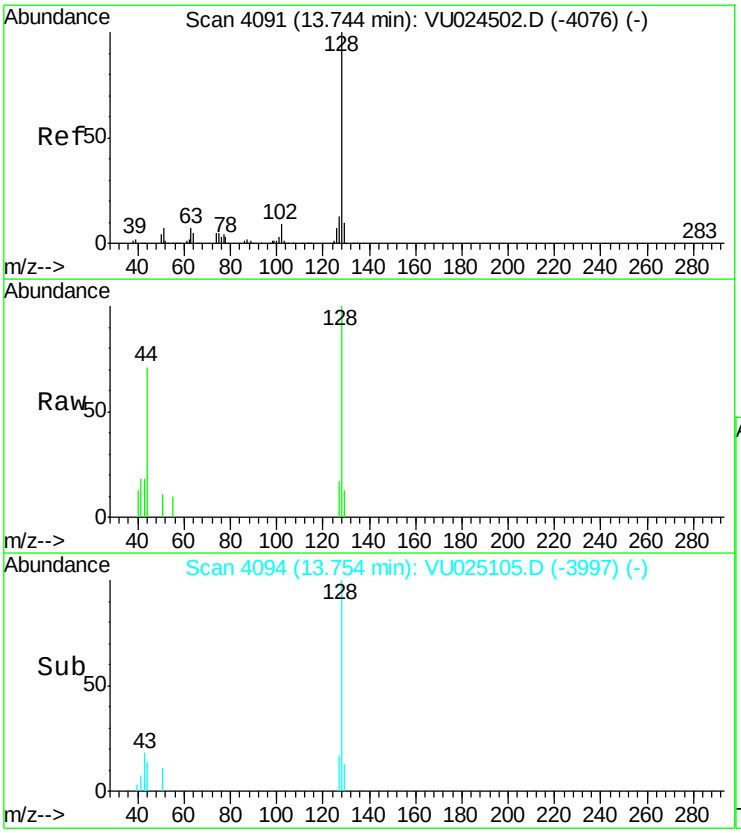
#91
1,2-Dichlorobenzene
Concen: 0.492 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621MEDL

Tgt Ion:146 Resp: 2761

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.5	61.6
148	69.5	31.9	95.7





#95
Naphthalene
Concen: 0.841 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU025105.D
Acq: 30 Jun 2018 22:03

Tgt Ion:128 Resp: 1882

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	3.6	8.6	12.8#