Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024548.D
Acq On : 14 Jun 2018 18:26
Operator : MD/SY
Sample : J3451-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jun 15 01:42:36 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	171507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	293049	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	130272	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.06%			
35) Dibromofluoromethane	4.89	113	114981	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.56%			
50) Toluene-d8	7.57	98	433750	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.78%			
62) 4-Bromofluorobenzene	10.31	95	167489	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.10%			
Target Compounds						Qvalue
6) Chloroethane	1.71	64	300	Below Cal	#	74
8) Diethyl Ether	2.10	74	22	Below Cal	#	1
10) Methyl Iodide	2.24	142	40	5.308	ug/l #	1
11) Tert butyl alcohol	2.82	59	3512	5.157	ug/l #	91
13) Acrolein	2.18	56	178	0.498	ug/l #	1
16) Acetone	2.32	43	37425	24.877	ug/l	96
18) Methyl Acetate	2.44	43	2228	0.691	ug/l #	53
25) 2-Butanone	4.28	43	2937	1.453	ug/l	96
29) Tetrahydrofuran	4.64	42	79539	63.562	ug/l	96
31) Cyclohexane	4.99	56	3812	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	12235	3.553	ug/l #	50
37) Ethyl Acetate	4.28	43	2937	0.783	ug/l #	75
38) Carbon Tetrachloride	4.99	117	15776	4.166	ug/l #	17
41) Methacrylonitrile	4.64	41	43581	21.536	ug/l #	46
51) 4-Methyl-2-Pentanone	7.47	43	1064	0.261	ug/l #	51
52) Toluene	7.65	92	1530	0.242	ug/l #	67
67) Ethyl Benzene	9.26	91	5826	0.462	ug/l	90
68) m/p-Xylenes	9.38	106	4099	0.846	ug/l	100
69) o-Xylene	9.78	106	2080	0.434	ug/l	63
73) Isopropylbenzene	10.17	105	3549	0.277	ug/l	99
76) 1,2,3-Trichloropropane	10.31	75	82569	22.449	ug/l #	36
78) n-propylbenzene	10.59	91	9387	0.621	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	5584	0.502	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.31	75	82569	51.957	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	17749	1.567	ug/l	98
89) n-Butylbenzene	11.89	91	3946	0.371	ug/l #	49
95) Naphthalene	13.75	128	36713	3.627	ug/l	98

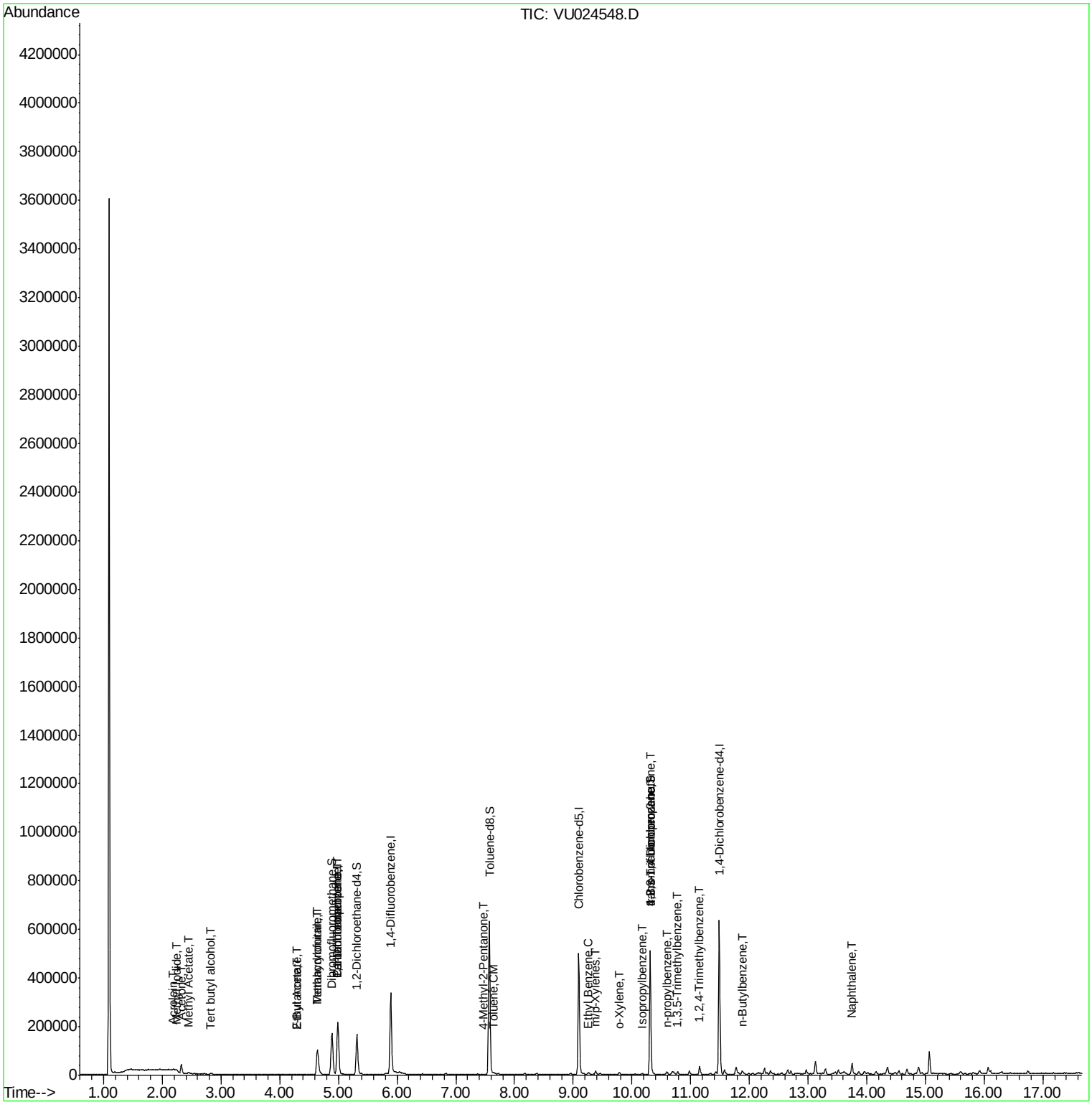
(#) = qualifier out of range (m) = manual integration (+) = signals summed

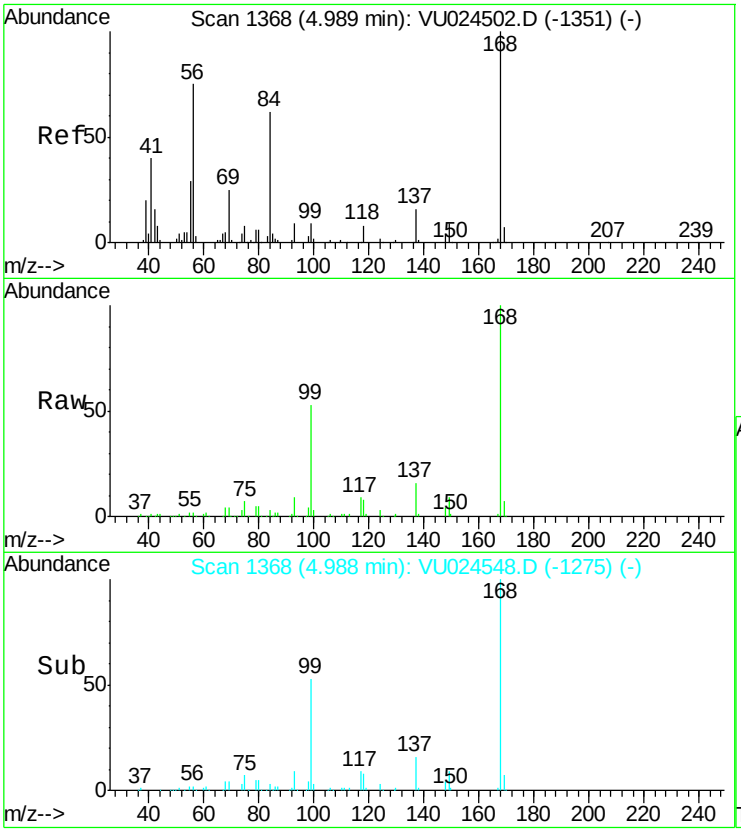
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061418\
Data File : VU024548.D
Acq On : 14 Jun 2018 18:26
Operator : MD/SY
Sample : J3451-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 15 01:42:36 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



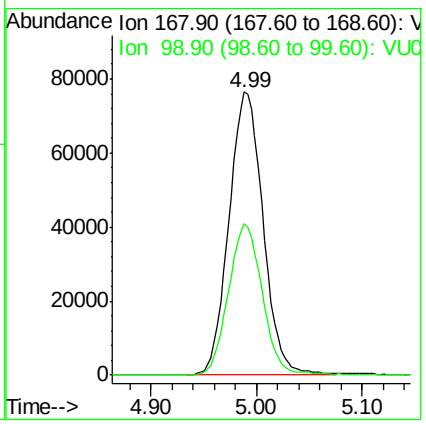


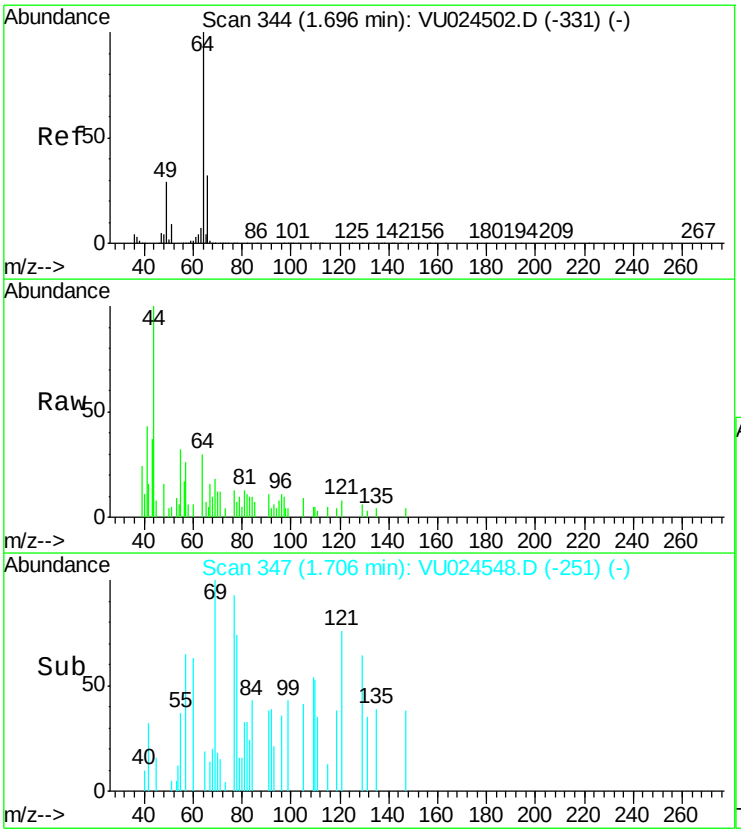
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:168 Resp: 171507

Ion	Ratio	Lower	Upper
168	100		
99	53.4	43.2	64.8

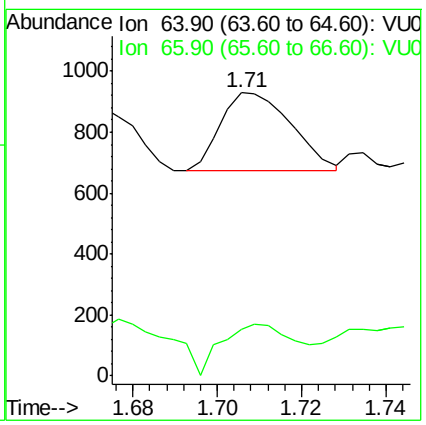


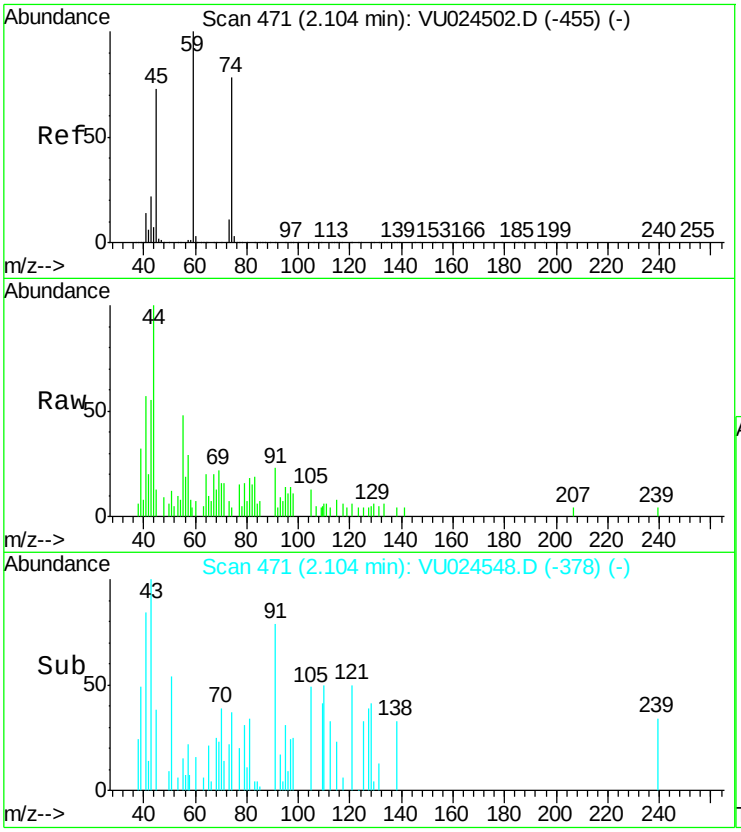


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 347
Delta R.T. 0.01 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 64 Resp: 300

Ion	Ratio	Lower	Upper
64	100		
66	17.5	25.5	38.3#



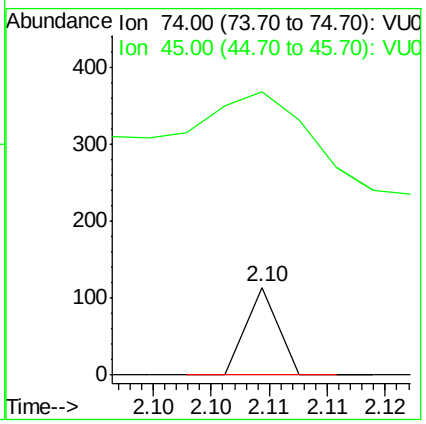


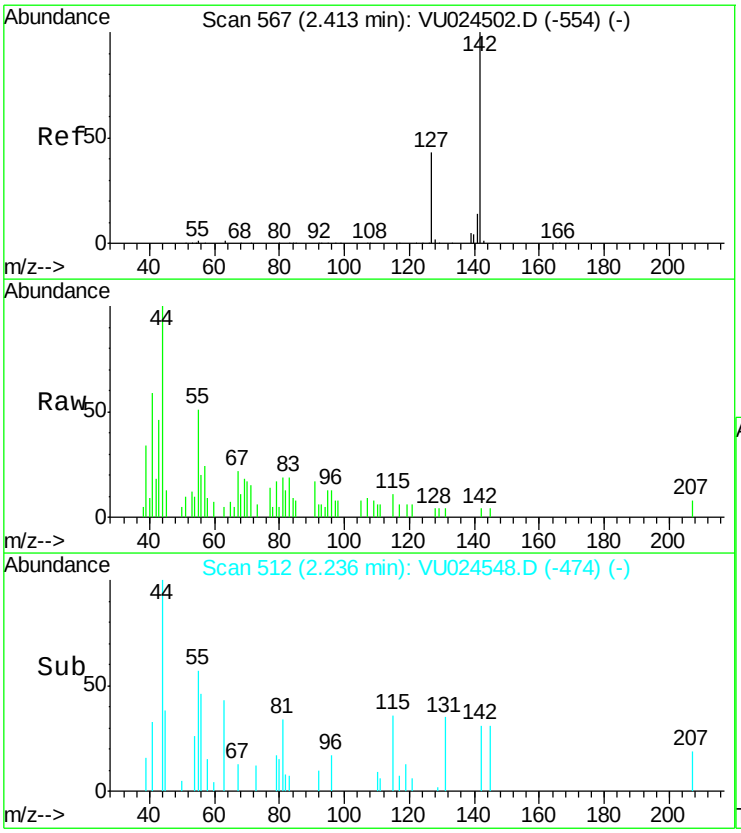
#8
Diethyl Ether
Concen: Below Cal
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 74 Resp: 22

Ion	Ratio	Lower	Upper
74	100		
45	604.5	55.0	165.0#

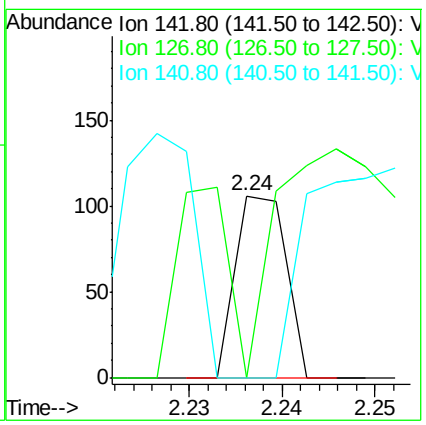


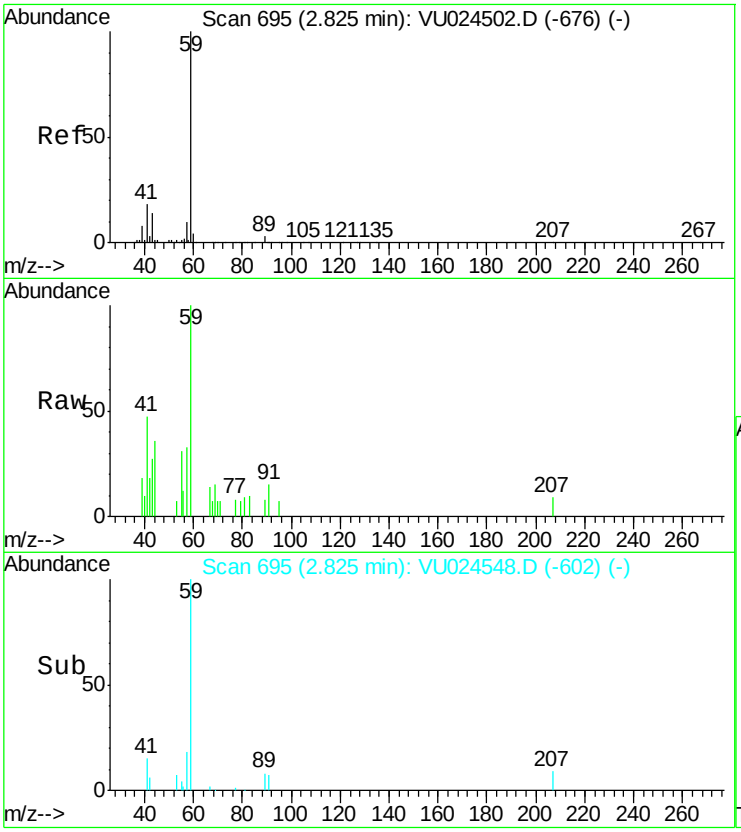


#10
Methyl Iodide
Concen: 5.308 ug/l
RT: 2.24 min Scan# 512
Delta R.T. -0.18 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion:142 Resp: 40

Ion	Ratio	Lower	Upper
142	100		
127	105.0	35.6	53.4#
141	192.5	11.7	17.5#



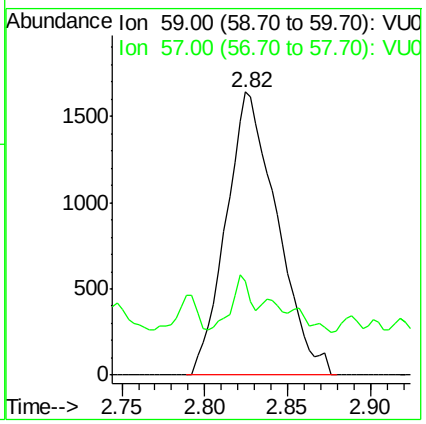


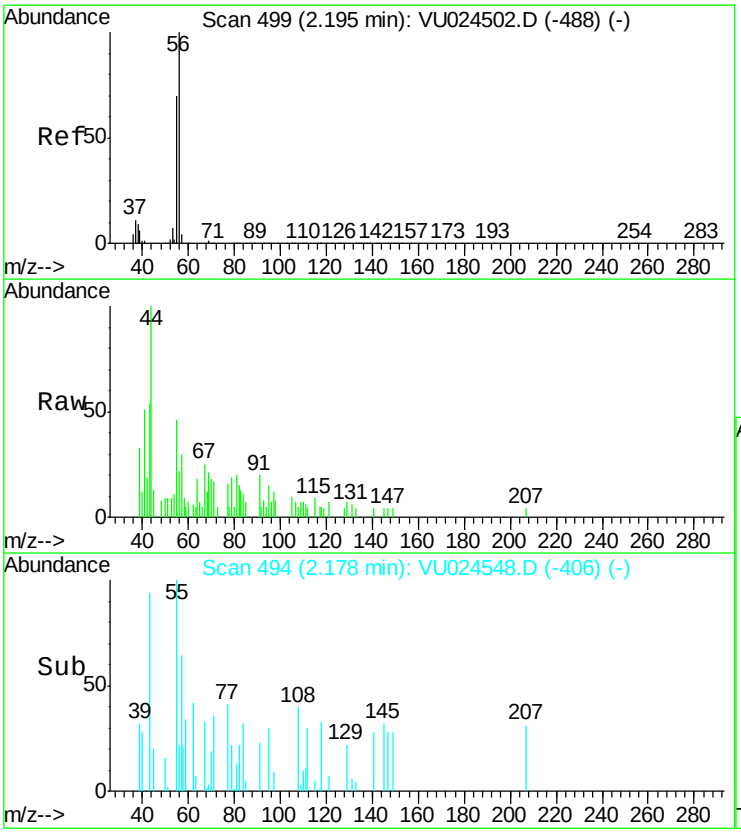
#11
Tert butyl alcohol
Concen: 5.157 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 59 Resp: 3512

Ion	Ratio	Lower	Upper
59	100		
57	7.3	8.5	12.7#

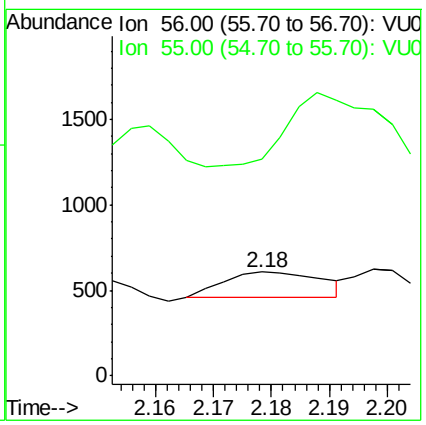


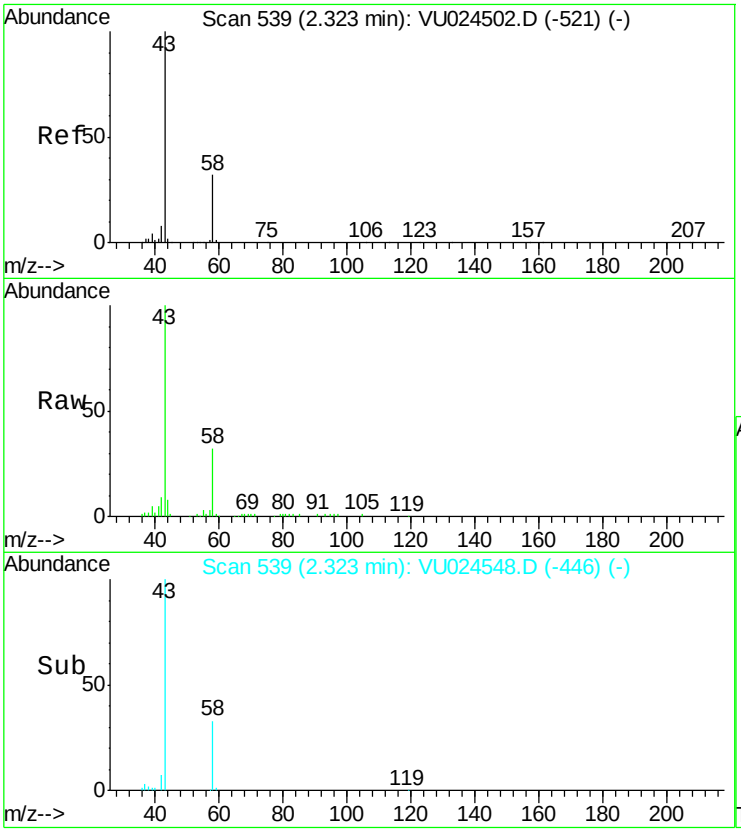


#13
Acrolein
Concen: 0.498 ug/l
RT: 2.18 min Scan# 494
Delta R.T. -0.02 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 56 Resp: 178

Ion	Ratio	Lower	Upper
56	100		
55	334.3	58.4	87.6#



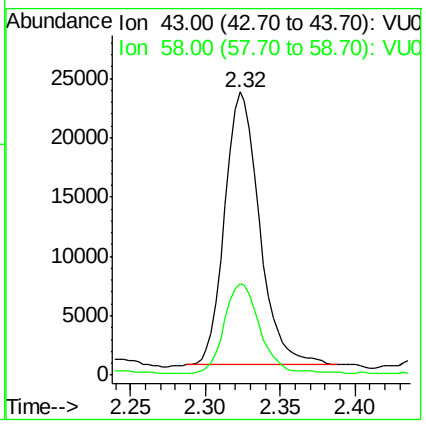


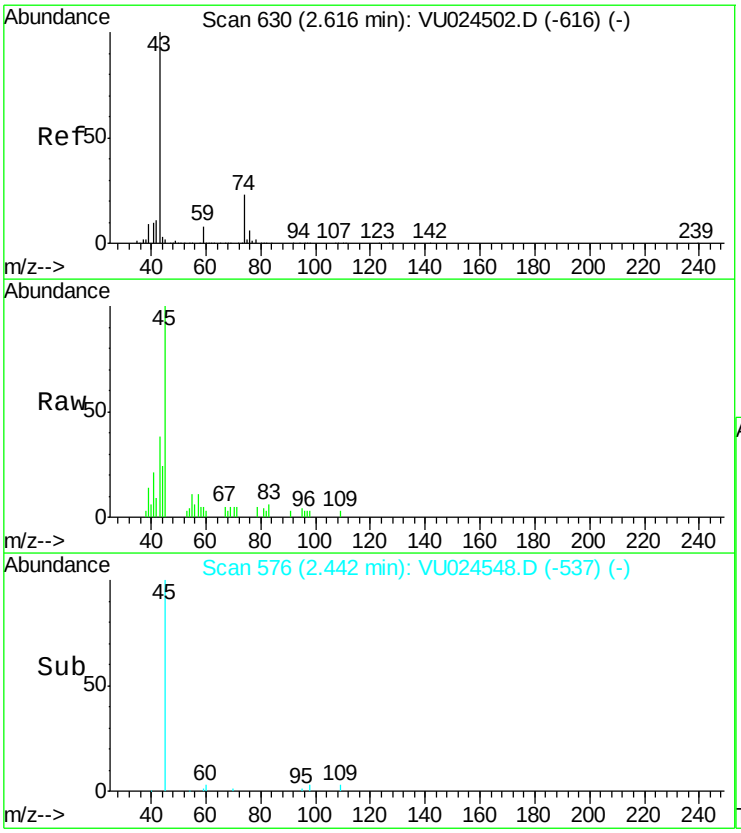
#16
Acetone
Concen: 24.877 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 37425

Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.4	36.6

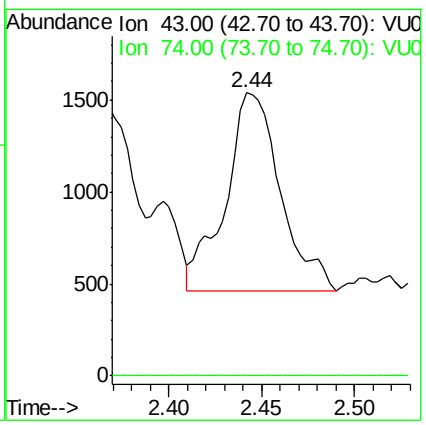


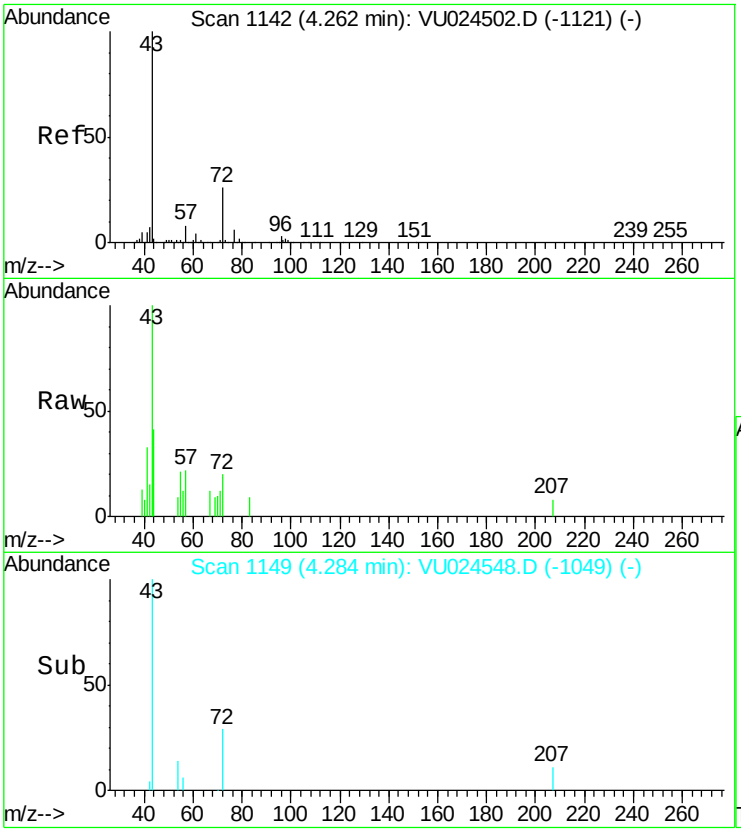


#18
Methyl Acetate
Concen: 0.691 ug/l
RT: 2.44 min Scan# 576
Delta R.T. -0.17 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 43 Resp: 2228

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#



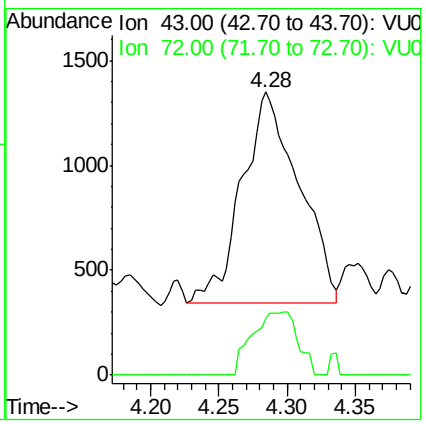


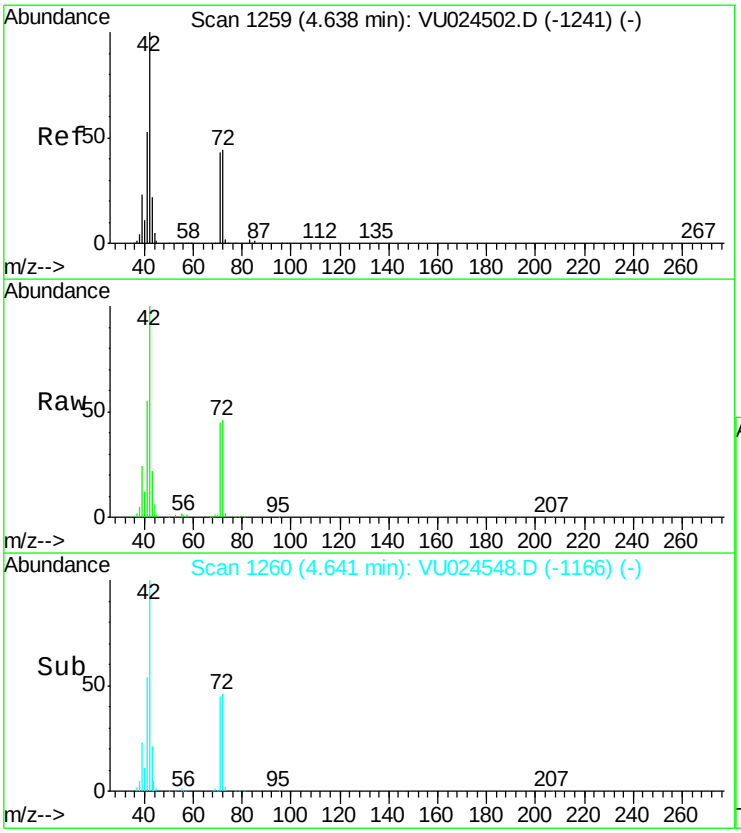
#25
2-Butanone
Concen: 1.453 ug/l
RT: 4.28 min Scan# 1149
Delta R.T. 0.02 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2937

Ion	Ratio	Lower	Upper
43	100		
72	26.6	19.6	29.4

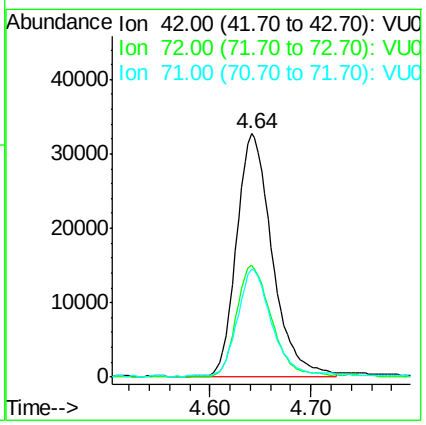


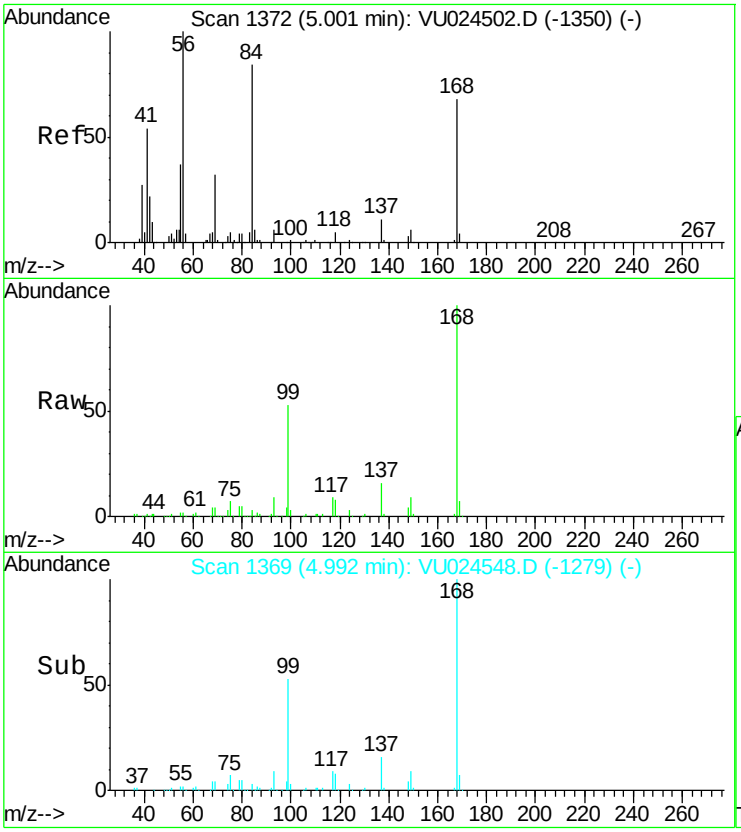


#29
Tetrahydrofuran
Concen: 63.562 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 42 Resp: 79539

Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.5	51.7
71	42.9	32.2	48.4



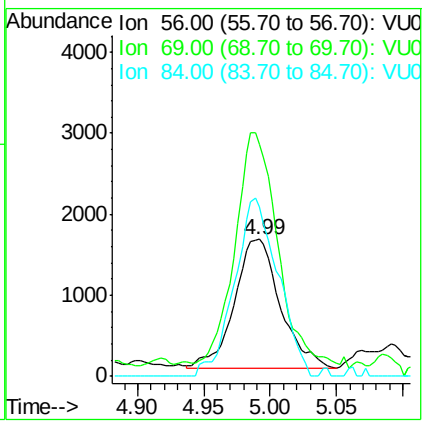


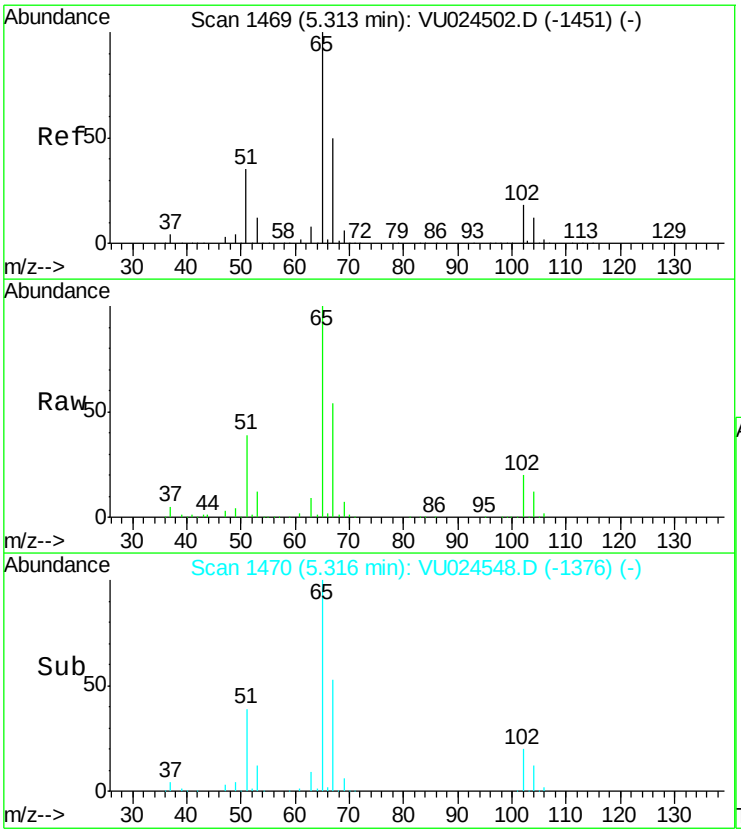
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 3812

Ion	Ratio	Lower	Upper
56	100		
69	170.4	24.8	37.2#
84	131.3	65.2	97.8#

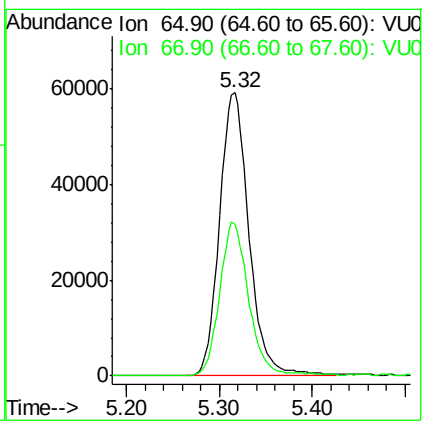


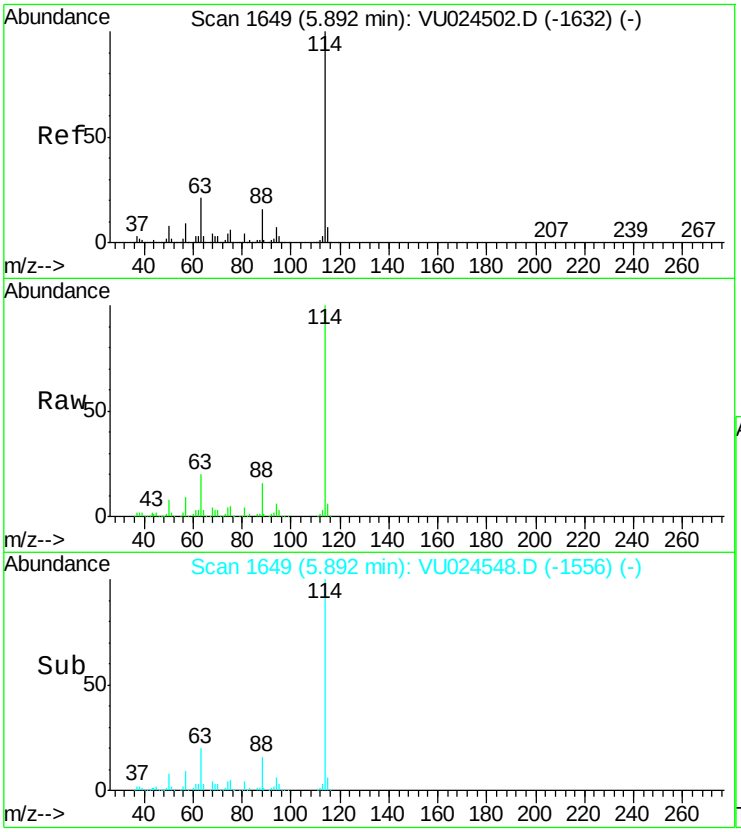


#33
1,2-Dichloroethane-d4
Concen: 46.528 ug/l
RT: 5.32 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 65 Resp: 130272

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.0



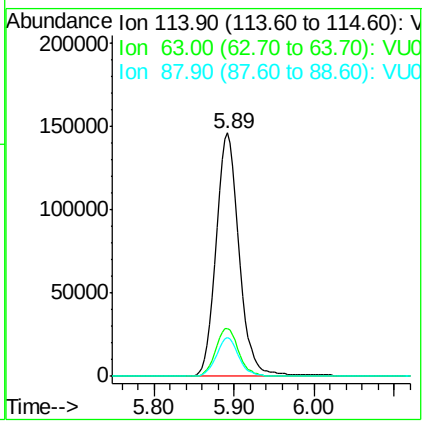


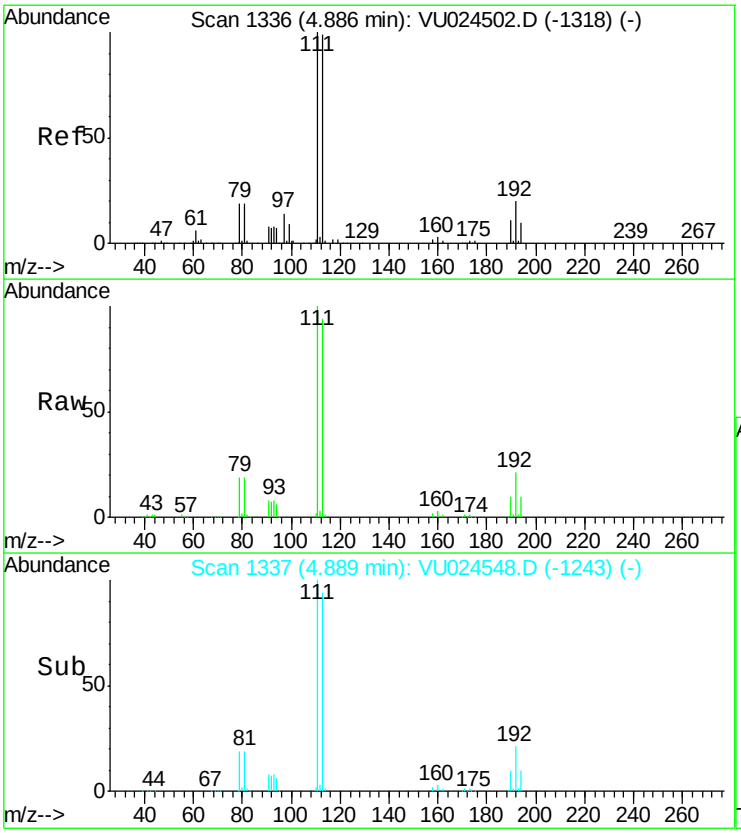
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:114 Resp: 293049

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	45.4
88	15.8	0.0	31.0

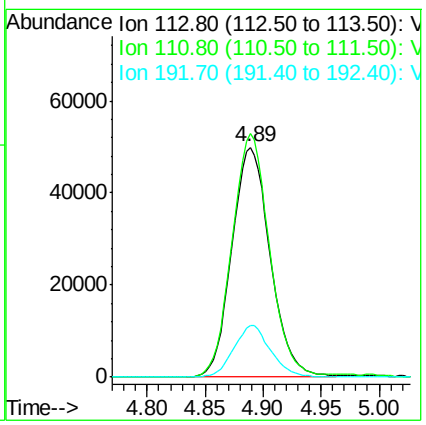


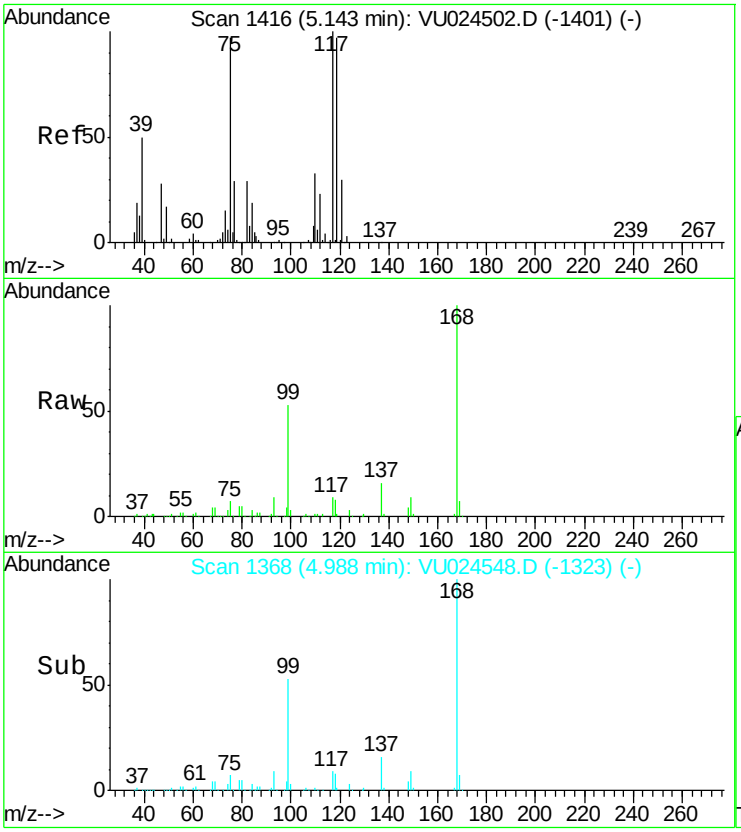


#35
Dibromofluoromethane
Concen: 47.277 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion:113 Resp: 114981

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	21.6	16.2	24.4



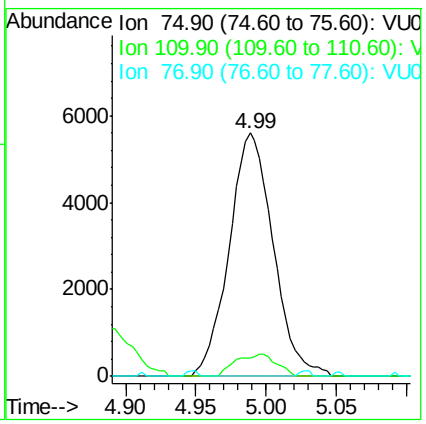


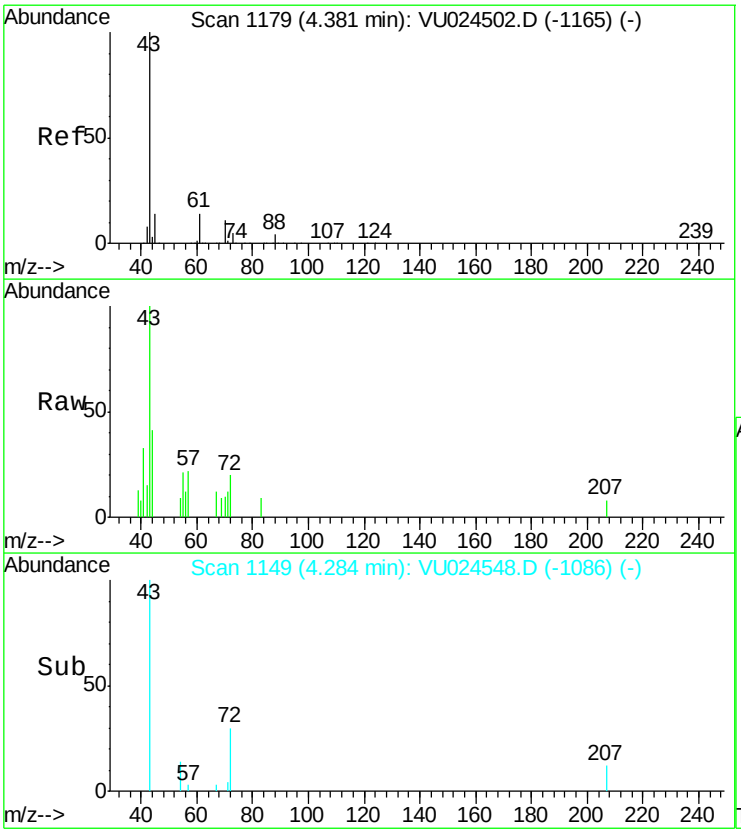
#36
1,1-Dichloropropene
Concen: 3.553 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 12235

Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	24.2	36.4#

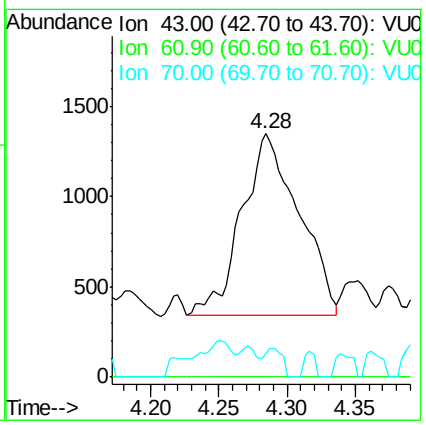


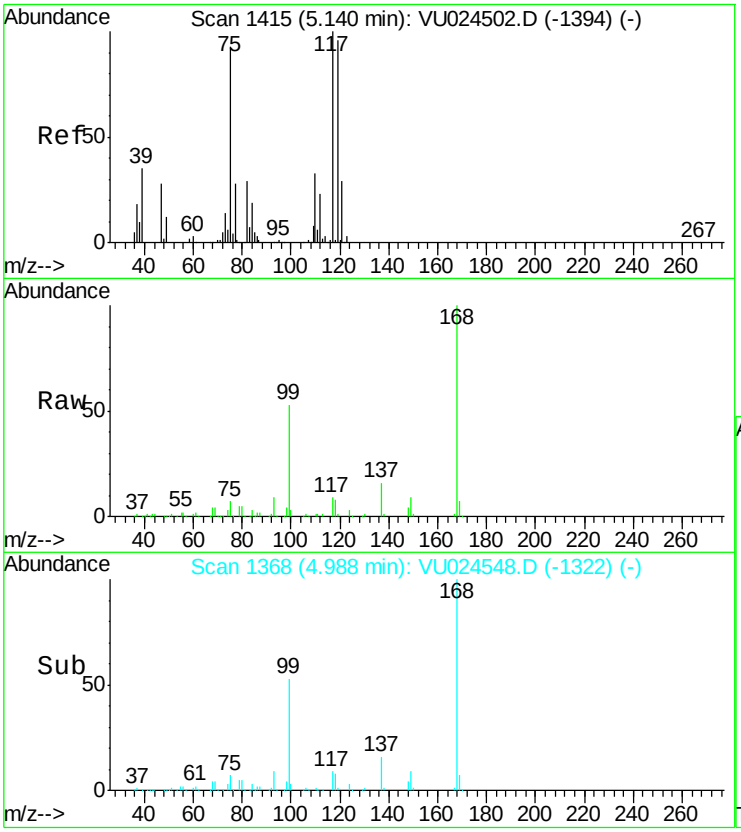


#37
Ethyl Acetate
Concen: 0.783 ug/l
RT: 4.28 min Scan# 1149
Delta R.T. -0.10 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 43 Resp: 2937

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	4.6	7.4	11.2#



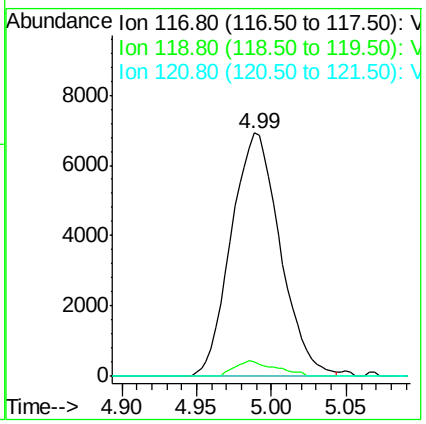


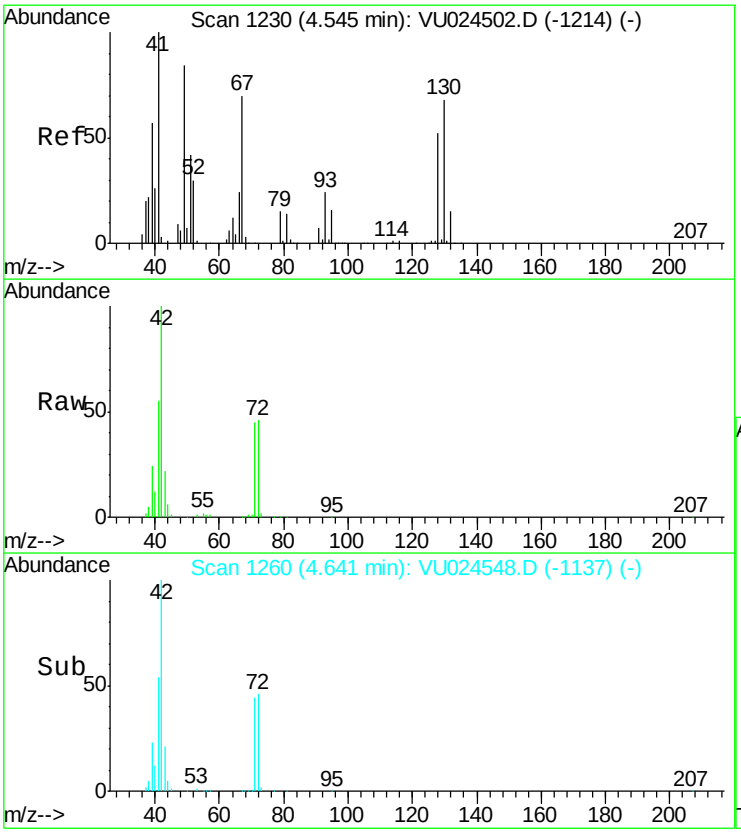
#38
Carbon Tetrachloride
Concen: 4.166 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 15776

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.1	114.1#
121	0.0	23.7	35.5#

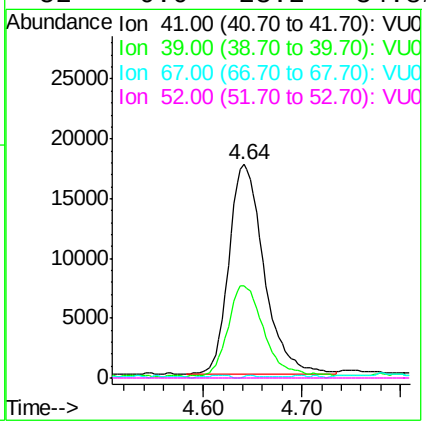


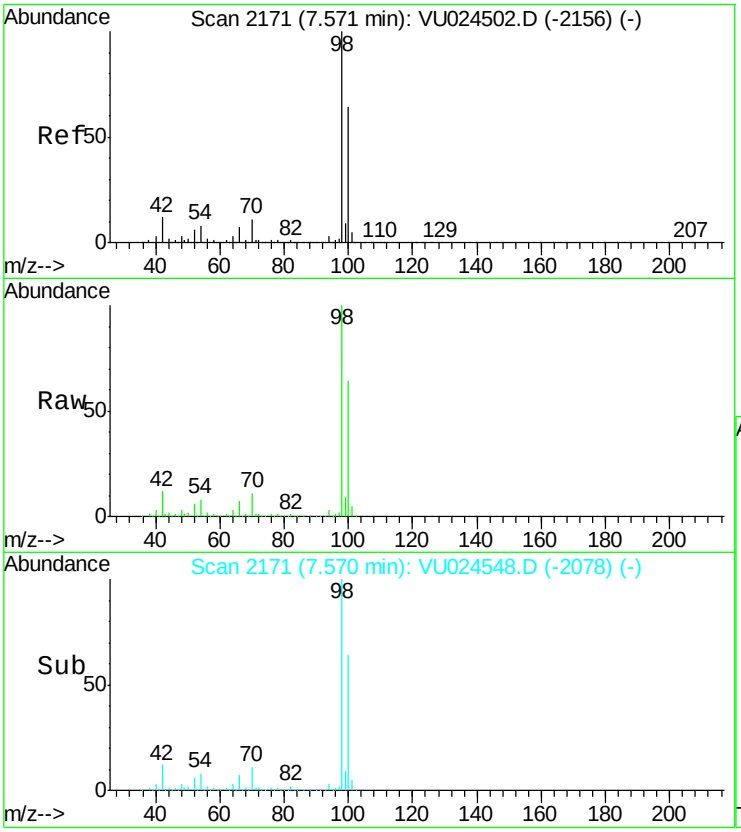


#41
Methacrylonitrile
Concen: 21.536 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.10 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 41 Resp: 43581

Ion	Ratio	Lower	Upper
41	100		
39	43.5	43.8	65.6#
67	0.8	56.3	84.5#
52	0.0	23.2	34.8#



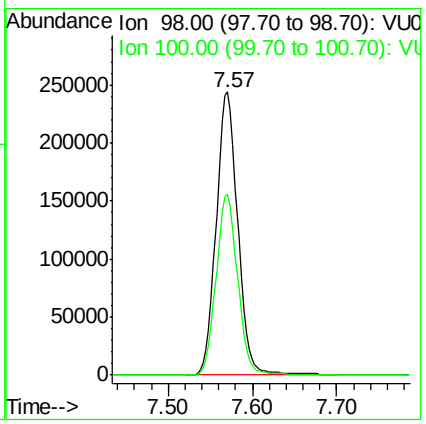


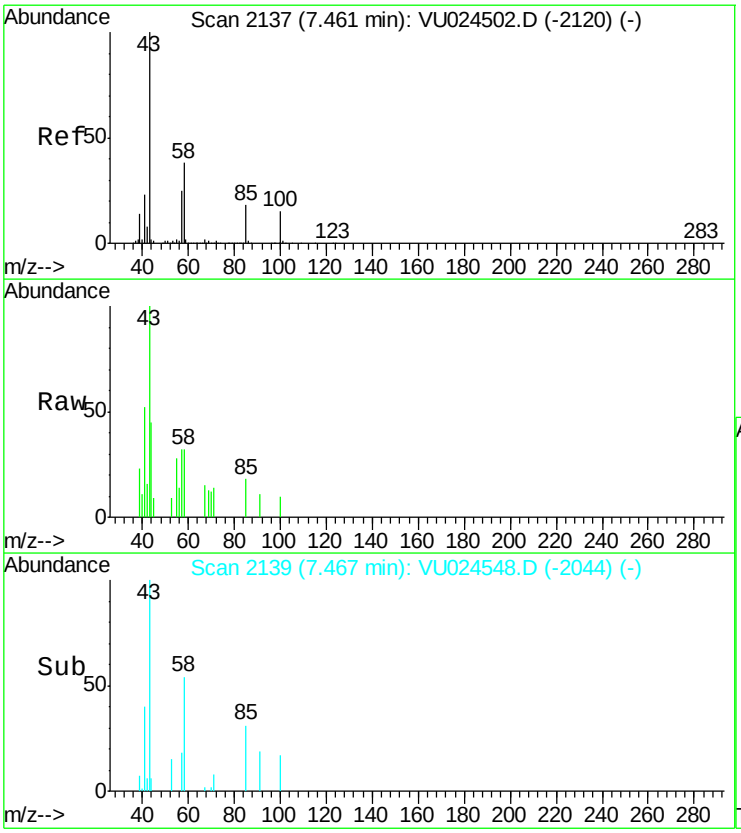
#50
Toluene-d8
Concen: 48.894 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 98 Resp: 433750

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7

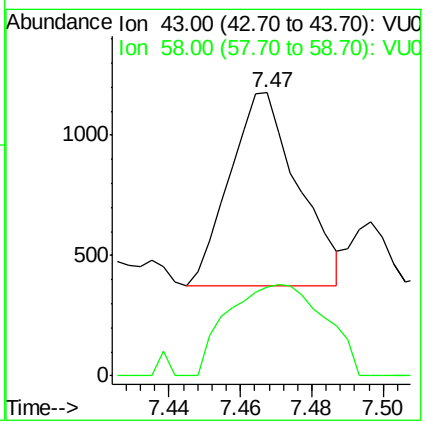


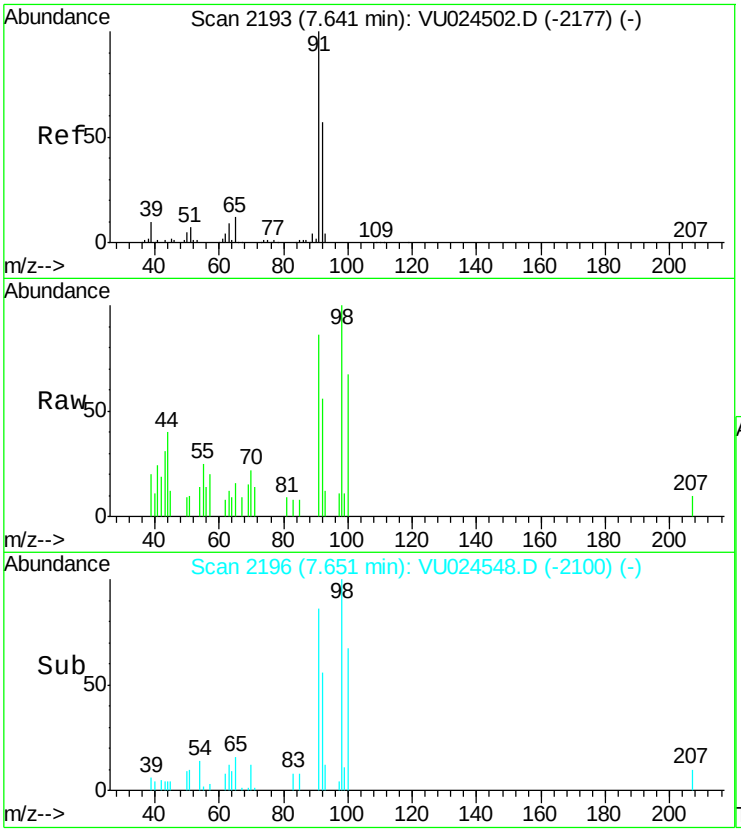


#51
4-Methyl-2-Pentanone
Concen: 0.261 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.01 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 43 Resp: 1064

Ion	Ratio	Lower	Upper
43	100		
58	67.1	30.0	45.0#



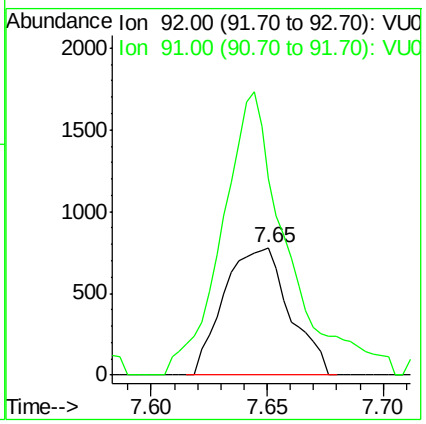


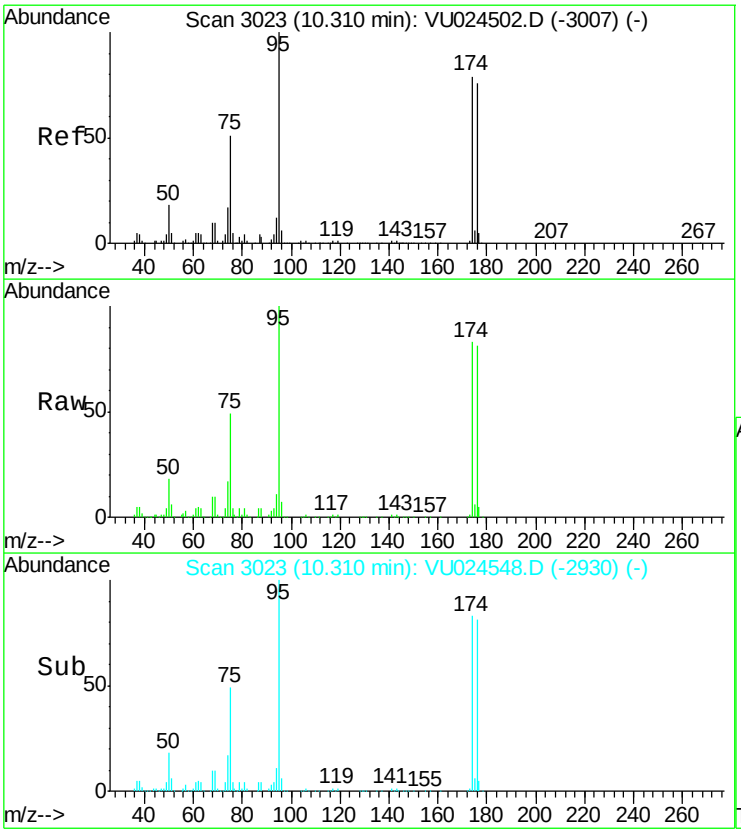
#52
Toluene
Concen: 0.242 ug/l
RT: 7.65 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 92 Resp: 1530

Ion	Ratio	Lower	Upper
92	100		
91	221.4	140.5	210.7#

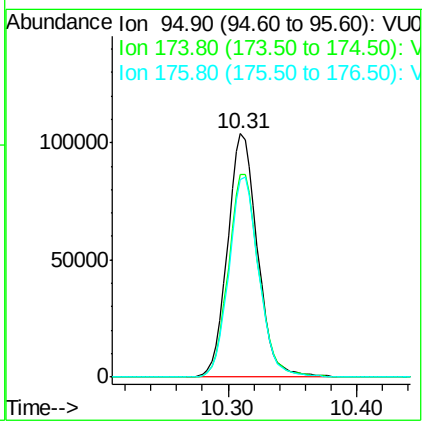


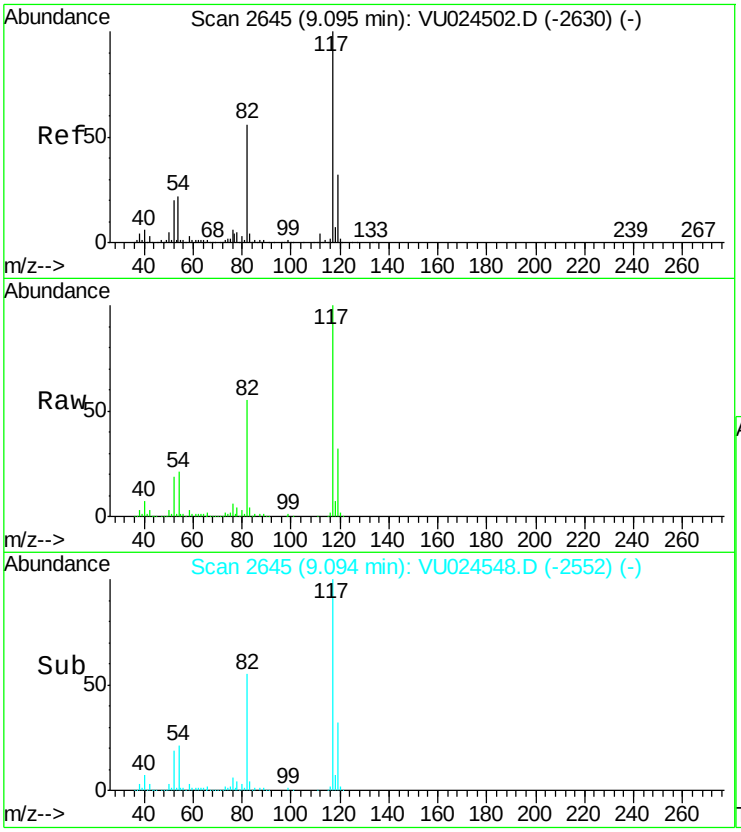


#62
4-Bromofluorobenzene
Concen: 47.552 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 95 Resp: 167489

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	165.8
176	82.0	0.0	159.4



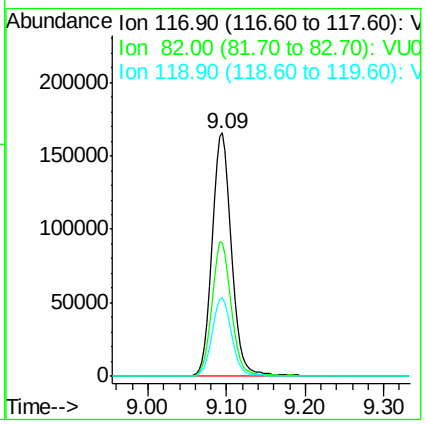


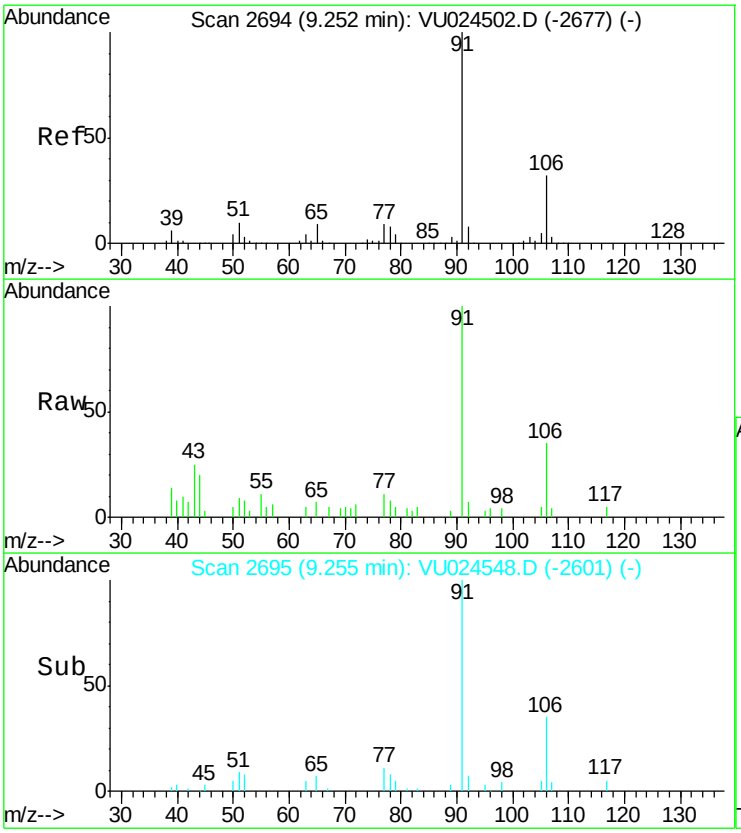
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 281680

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.3	66.5
119	32.3	25.4	38.2

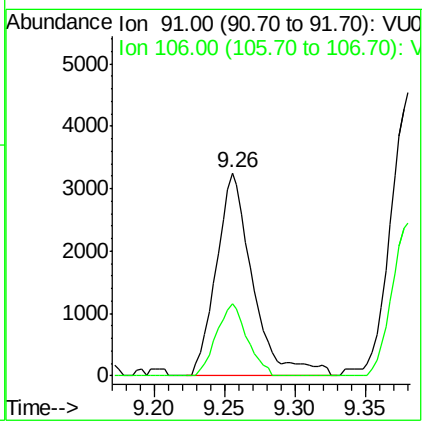


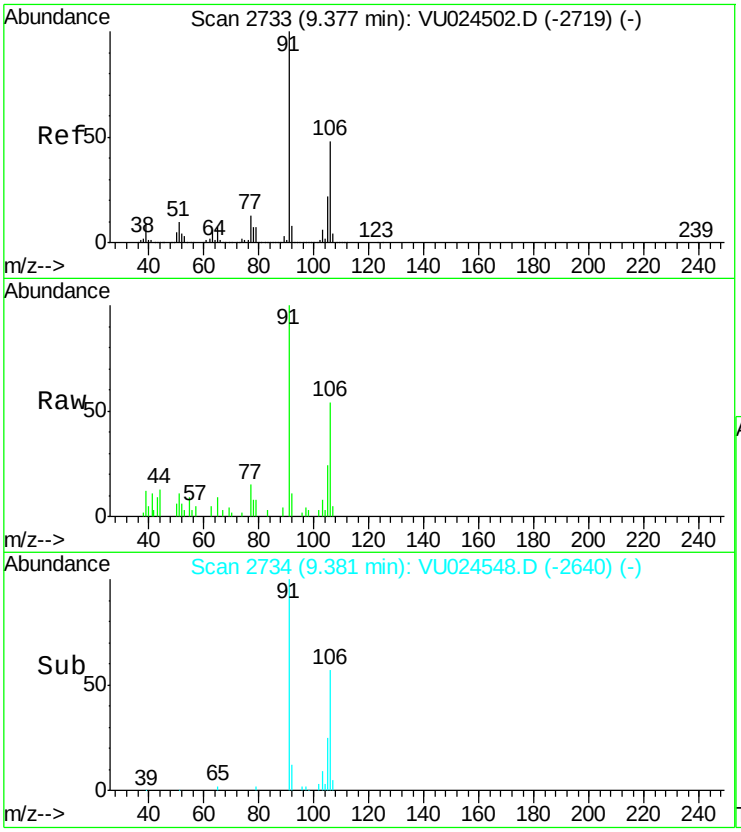


#67
Ethyl Benzene
Concen: 0.462 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 91 Resp: 5826

Ion	Ratio	Lower	Upper
91	100		
106	35.5	24.2	36.4



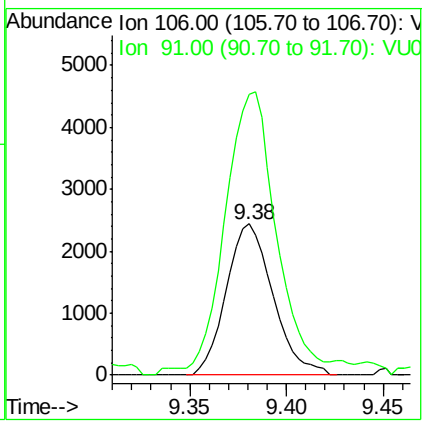


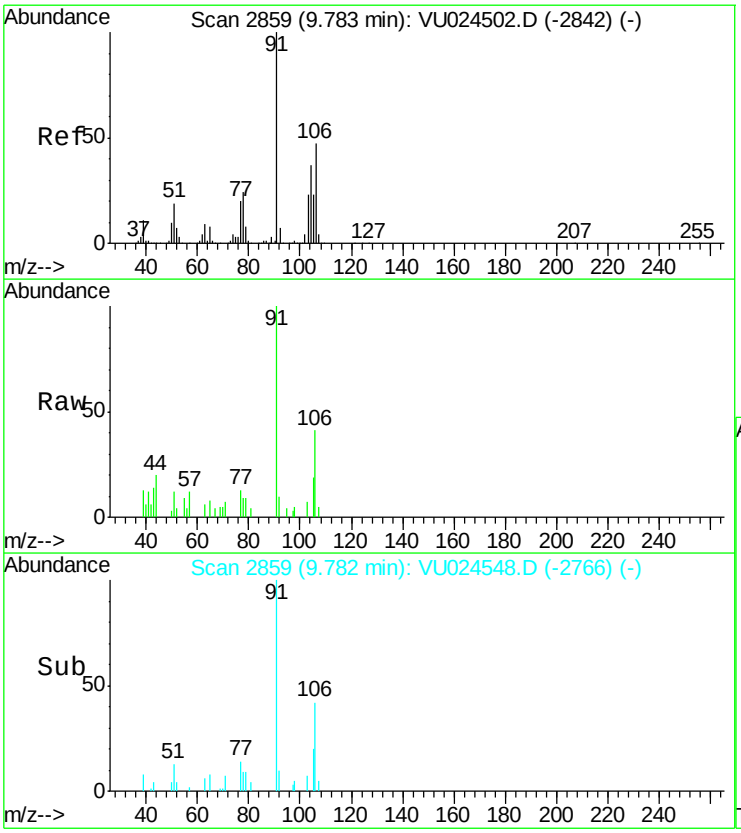
#68
m/p-Xylenes
Concen: 0.846 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 4099

Ion	Ratio	Lower	Upper
106	100		
91	207.5	166.5	249.7

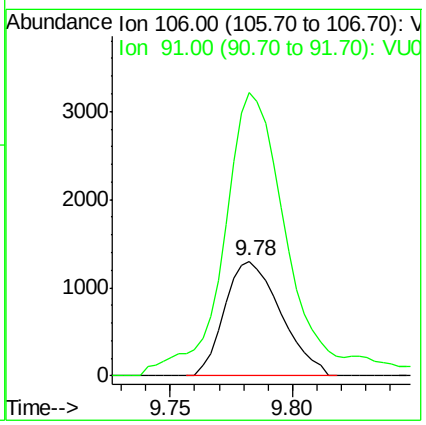


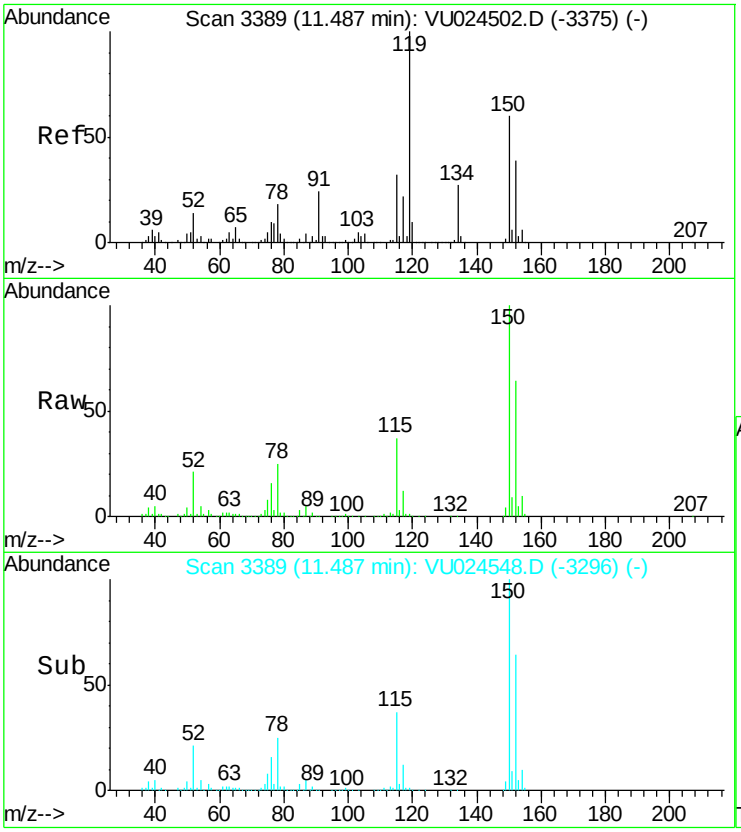


#69
o-Xylene
Concen: 0.434 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion:106 Resp: 2080

Ion	Ratio	Lower	Upper
106	100		
91	281.1	110.7	331.9



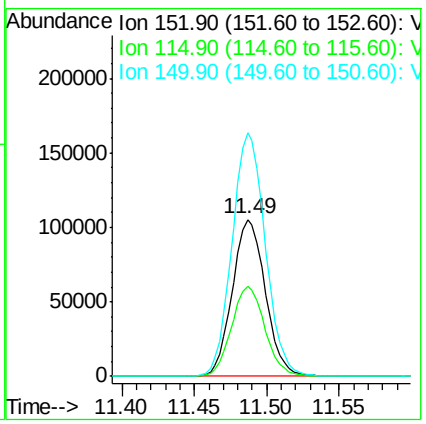


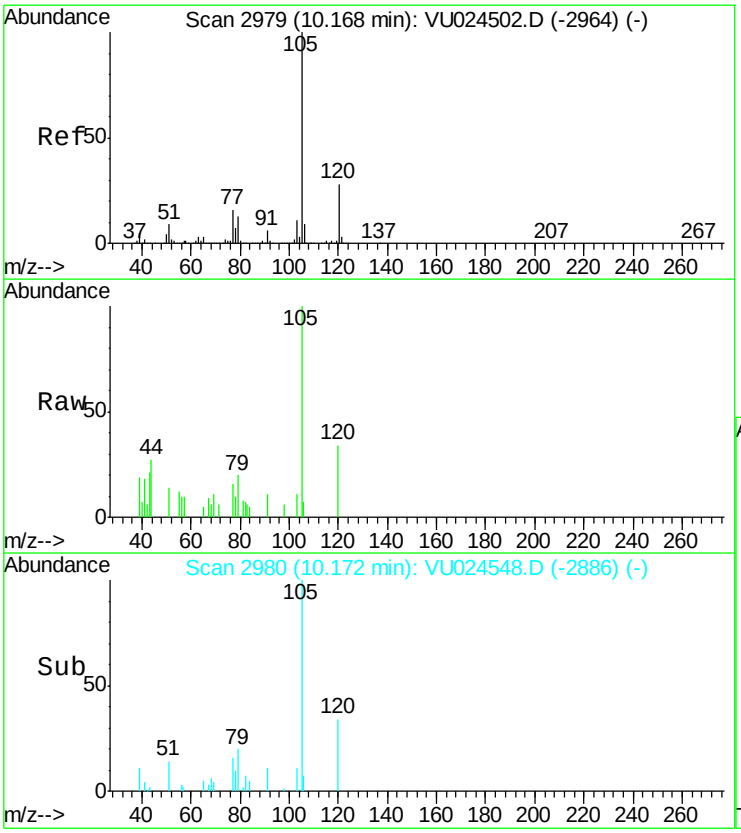
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:152 Resp: 167058

Ion	Ratio	Lower	Upper
152	100		
115	57.3	43.0	129.0
150	156.3	0.0	354.0

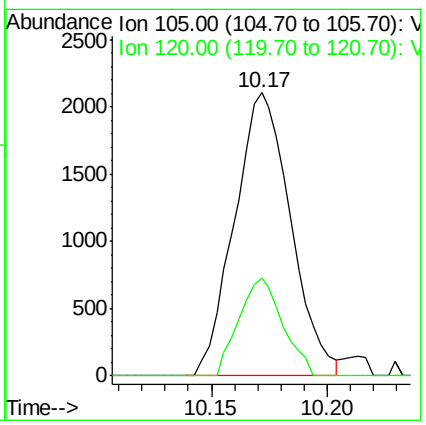


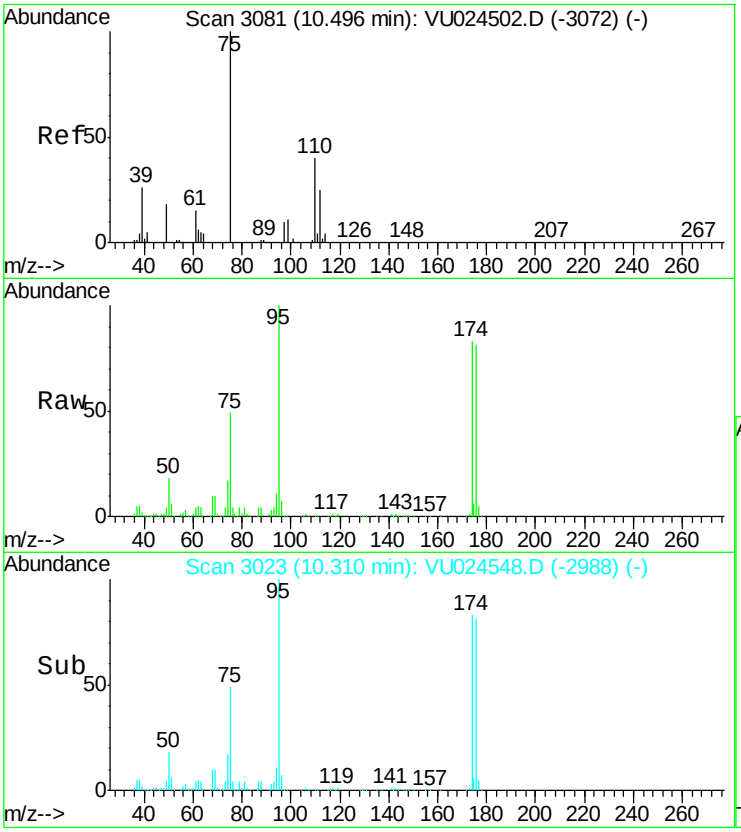


#73
Isopropylbenzene
Concen: 0.277 ug/l
RT: 10.17 min Scan# 2980
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion:105 Resp: 3549

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.2	39.6



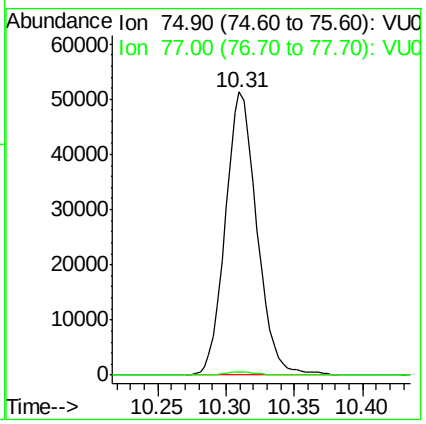


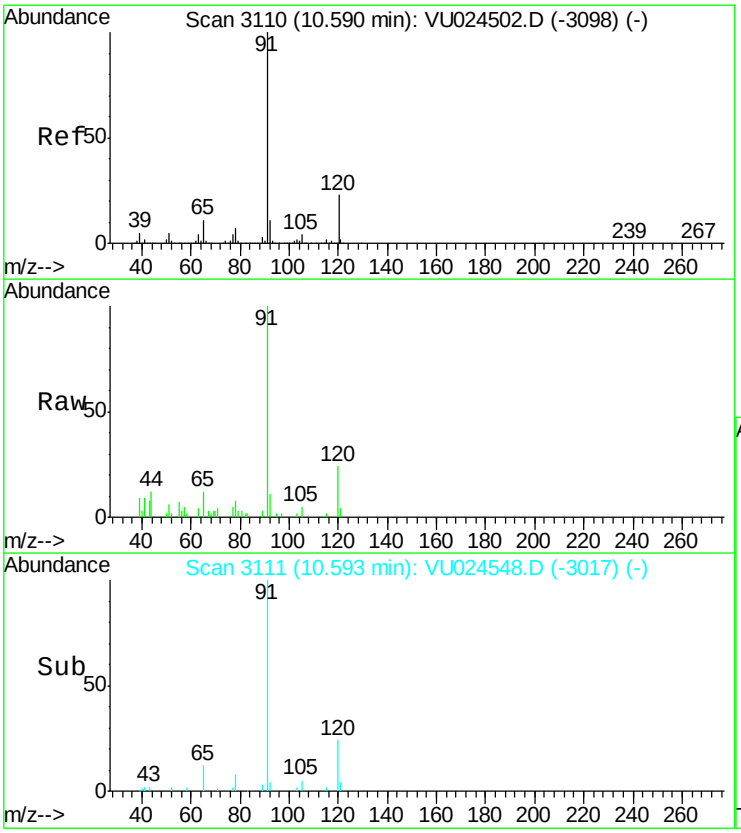
#76
1,2,3-Trichloropropane
Concen: 22.449 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 82569

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.7#

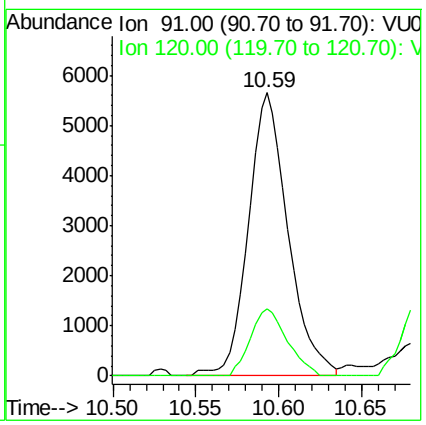


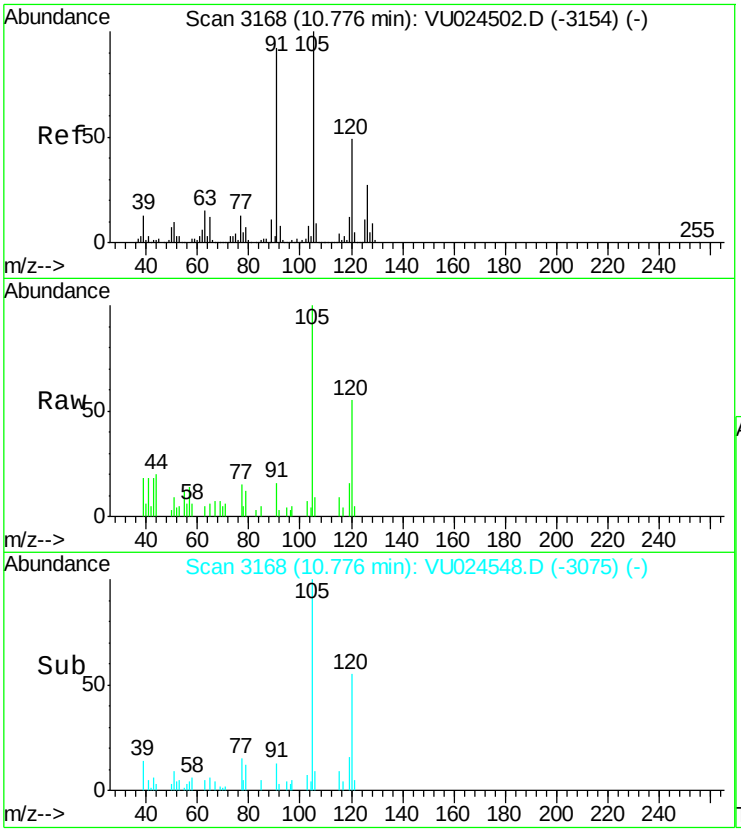


#78
n-propylbenzene
Concen: 0.621 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 91 Resp: 9387

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.5



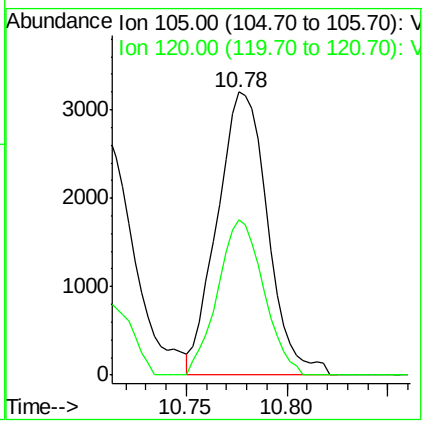


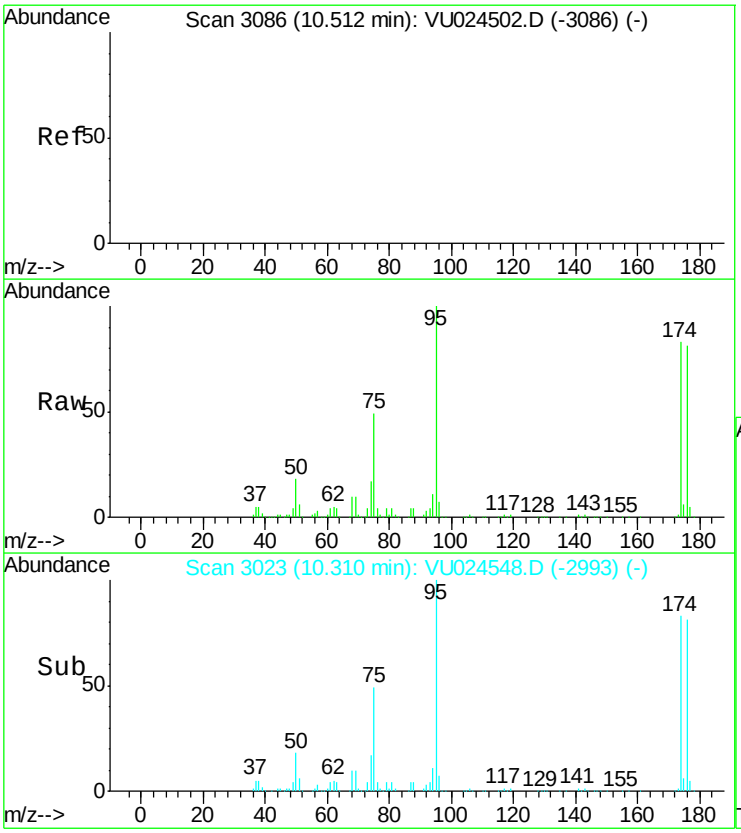
#80
1,3,5-Trimethylbenzene
Concen: 0.502 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 5584

Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.1	72.2

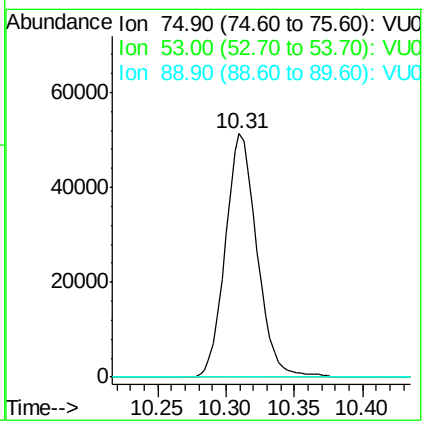


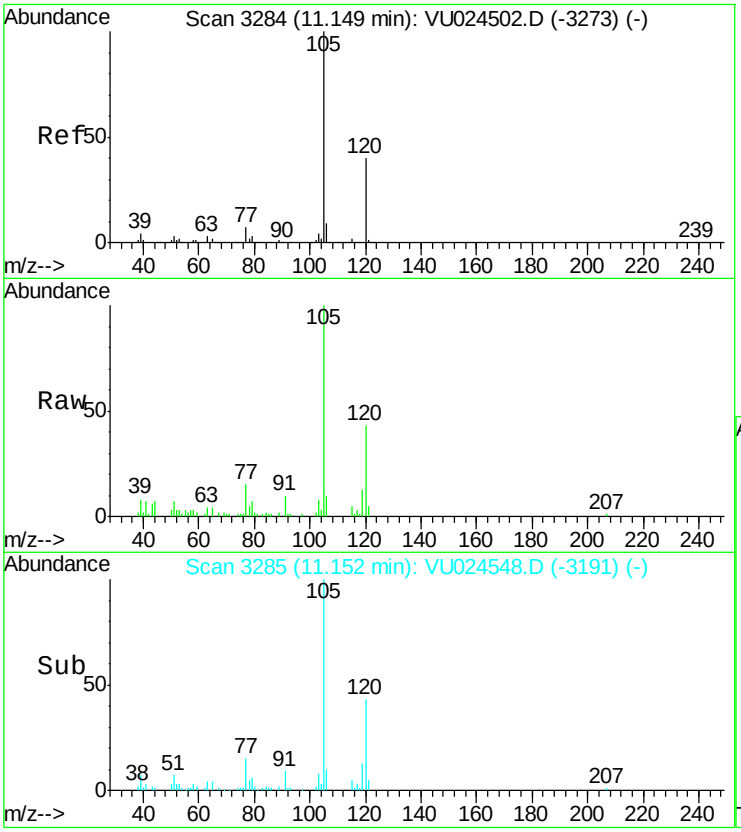


#81
trans-1,4-Dichloro-2-butene
Concen: 51.957 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 75 Resp: 82569

Ion	Ratio	Lower	Upper
75	100		
53	0.1	0.0	0.0#
89	0.0	0.0	0.0



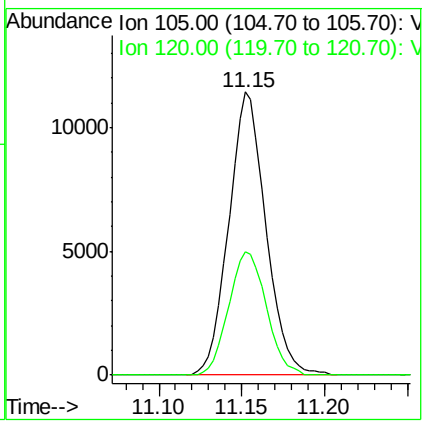


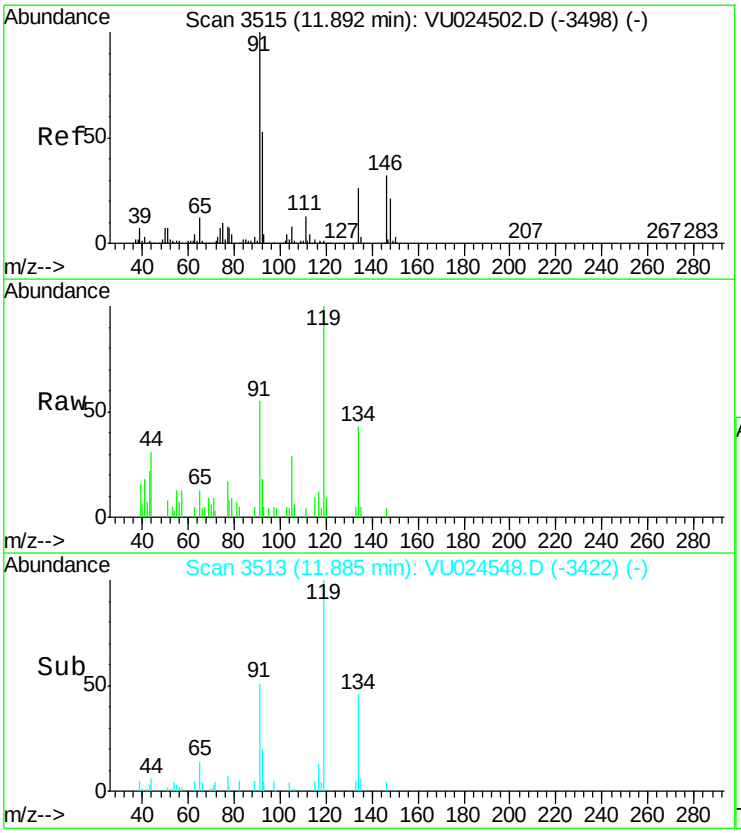
#84
1,2,4-Trimethylbenzene
Concen: 1.567 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 17749

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.6	67.8

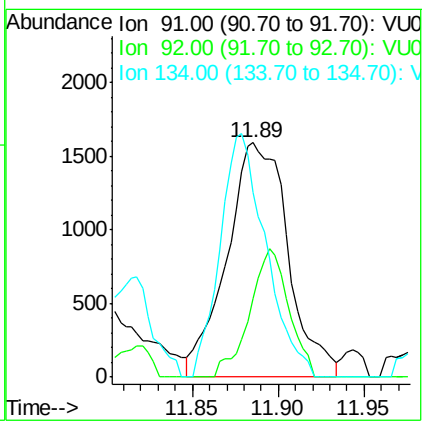


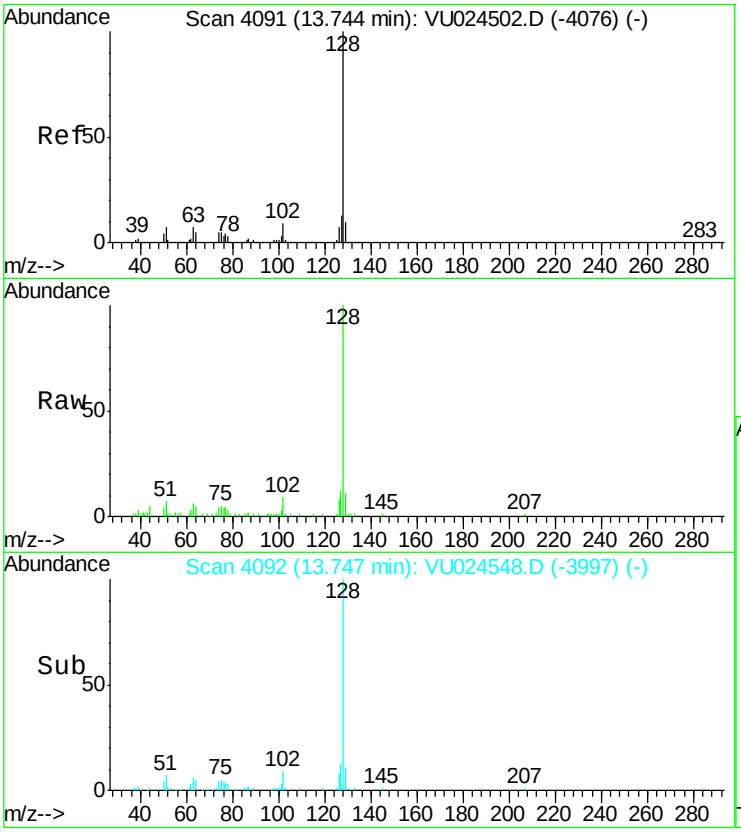


#89
n-Butylbenzene
Concen: 0.371 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. -0.01 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 91 Resp: 3946

Ion	Ratio	Lower	Upper
91	100		
92	34.6	25.6	76.8
134	77.6	12.3	36.8#





#95
Naphthalene
Concen: 3.627 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 36713

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	16.0
129	11.5	8.6	12.8