Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

Quantitation Report (Not Reviewed)

Data File : VU029252.D
Acq On : 21 Jan 2019 16:32
Operator : JC/SP
Sample : K1013-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Quant Time: Jan 22 01:13:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193964	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	185493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75575	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.72%			
35) Dibromofluoromethane	4.88	113	65879	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.80%			
50) Toluene-d8	7.56	98	254696	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.62%			
62) 4-Bromofluorobenzene	10.30	95	80243	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.96%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	702	Below Cal	#	79
11) Tert butyl alcohol	2.83	59	110	0.317	ug/l #	73
14) Allyl chloride	2.70	41	2724	1.296	ug/l #	29
16) Acetone	2.32	43	6056	7.041	ug/l	98
17) Carbon Disulfide	2.48	76	190	Below Cal	#	75
18) Methyl Acetate	2.62	43	1900	0.950	ug/l #	89
20) Methylene Chloride	2.70	84	75139	51.456	ug/l	96
25) 2-Butanone	4.29	43	234	0.201	ug/l #	47
29) Tetrahydrofuran	4.66	42	379	0.538	ug/l #	30
31) Cyclohexane	4.98	56	2132	Below Cal	#	1
32) 1,1,1-Trichloroethane	4.91	97	3050	1.616	ug/l	93
36) 1,1-Dichloropropene	4.98	75	7835	4.041	ug/l #	47
38) Carbon Tetrachloride	4.98	117	9700	5.999	ug/l #	19
43) Isopropyl Acetate	5.55	43	7026	2.152	ug/l #	93
45) 1,2-Dichloropropane	6.71	63	578	0.362	ug/l #	43
48) Methyl methacrylate	6.70	41	42349	26.642	ug/l #	36
51) 4-Methyl-2-Pentanone	7.42	43	33607	15.127	ug/l #	44
52) Toluene	7.63	92	993	0.270	ug/l	88
54) cis-1,3-Dichloropropene	7.42	75	17735	7.269	ug/l #	61
57) 1,3-Dichloropropane	8.41	76	3664	1.452	ug/l #	42
59) 2-Hexanone	8.31	43	5761	3.303	ug/l #	21
68) m/p-Xylenes	9.38	106	1316	0.488	ug/l	92
69) o-Xylene	9.78	106	817	0.314	ug/l	86
76) 1,2,3-Trichloropropane	10.30	75	38125	20.361	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.77	105	1563	0.331	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.30	75	38125	52.513	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	6251	1.325	ug/l	96
90) Hexachloroethane	12.28	117	351	0.435	ug/l #	7
95) Naphthalene	13.75	128	9240	1.562	ug/l	100

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

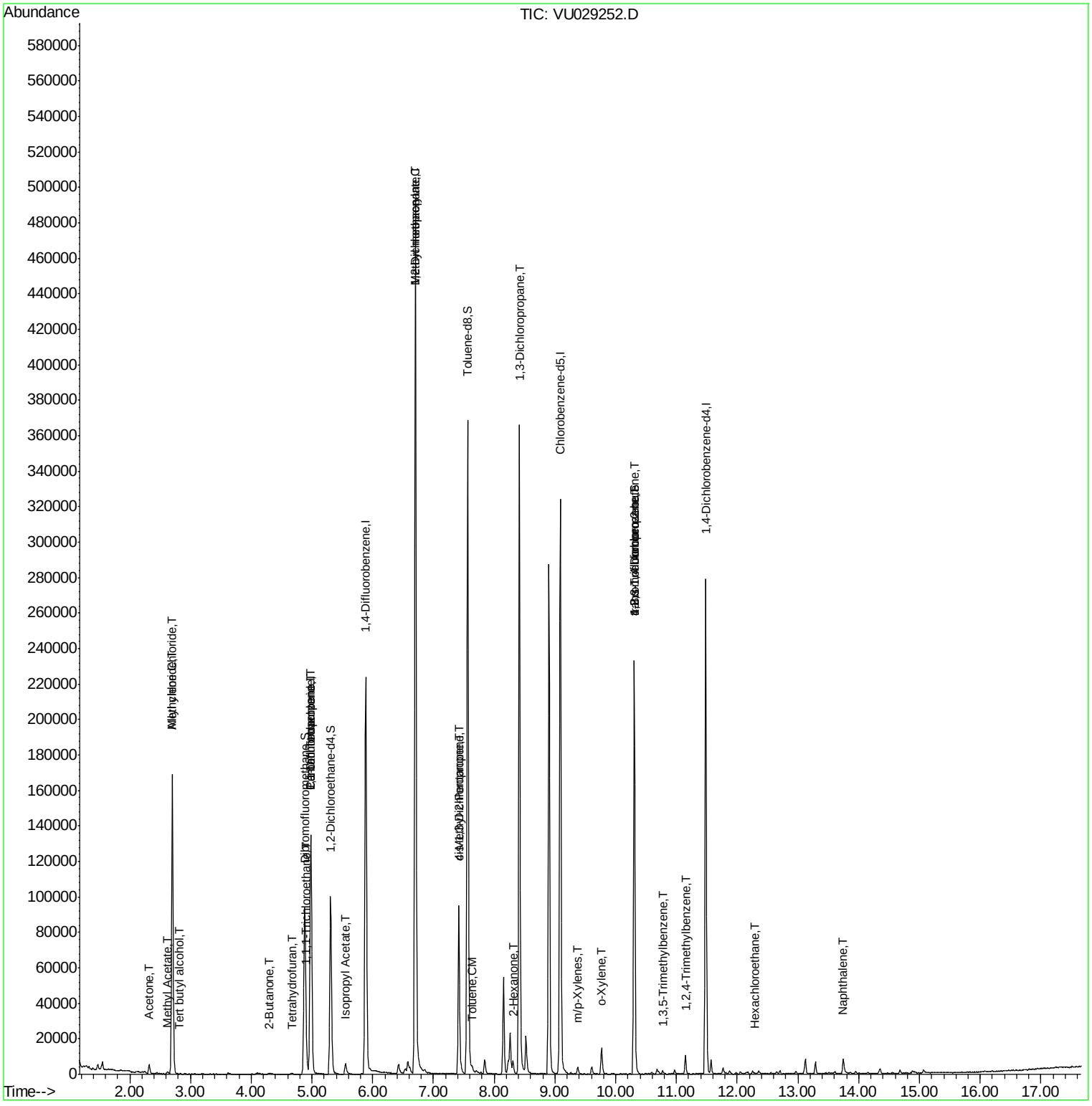
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

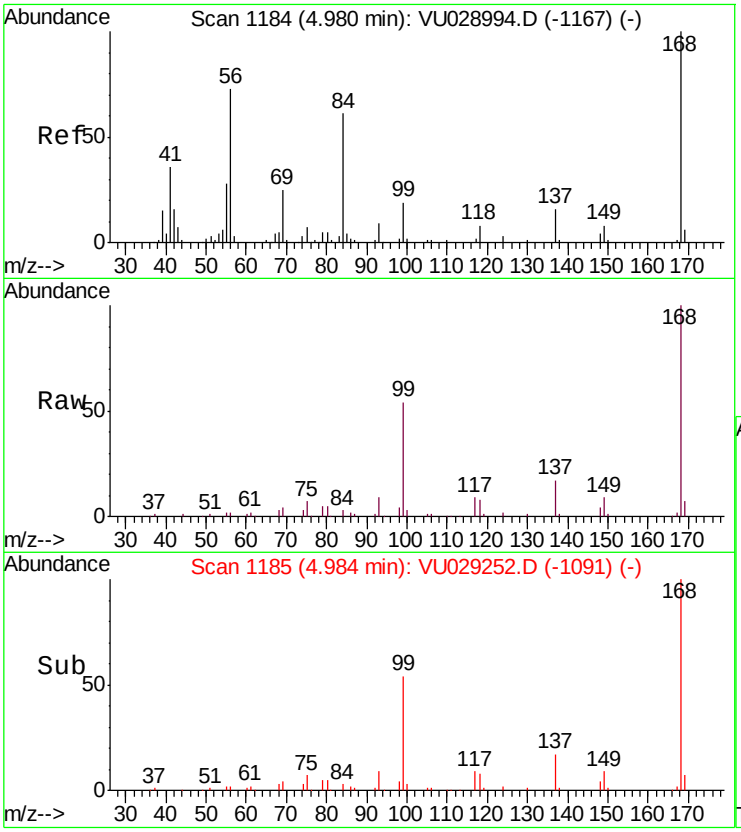
Quantitation Report (Not Reviewed)

Data File : VU029252.D
Acq On : 21 Jan 2019 16:32
Operator : JC/SP
Sample : K1013-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Quant Time: Jan 22 01:13:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration



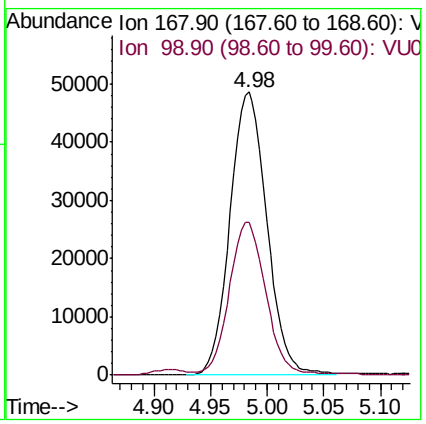


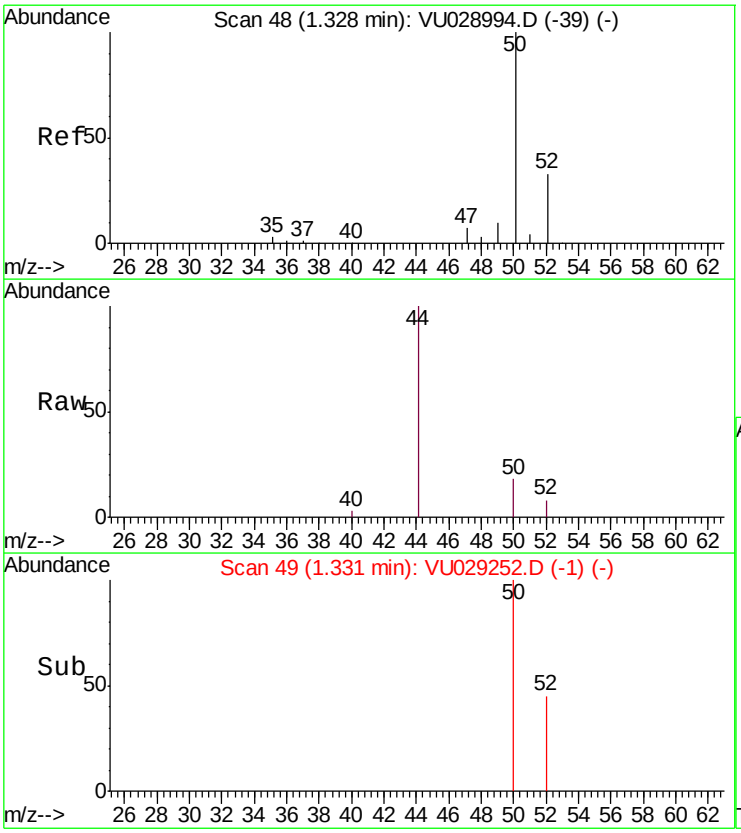
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion:168 Resp: 110441

Ion	Ratio	Lower	Upper
168	100		
99	53.5	42.0	63.0

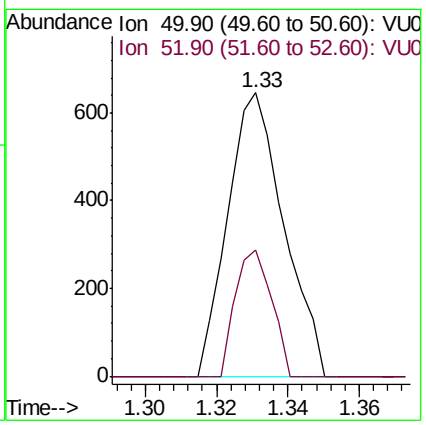


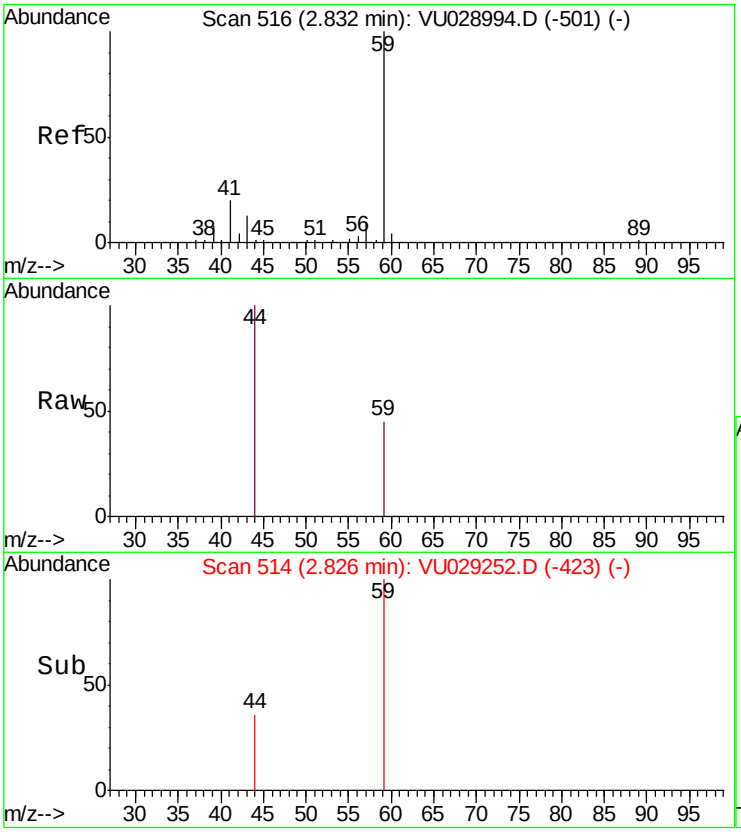


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 50 Resp: 702

Ion	Ratio	Lower	Upper
50	100		
52	44.6	26.1	39.1#



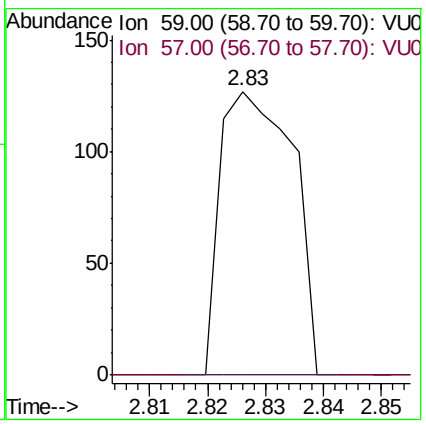


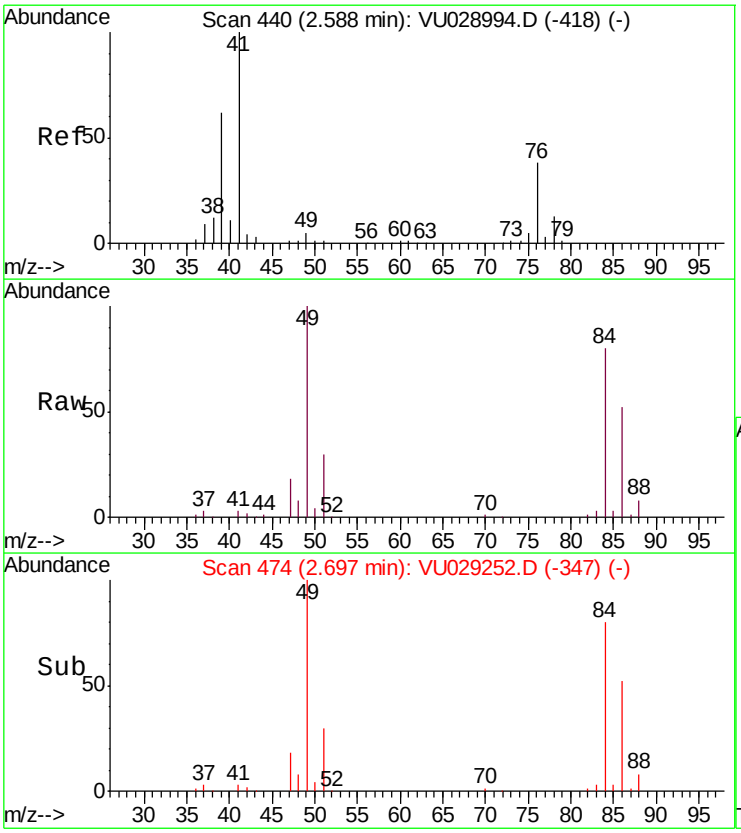
#11
Tert butyl alcohol
Concen: 0.317 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.01 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Tgt Ion: 59 Resp: 110

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

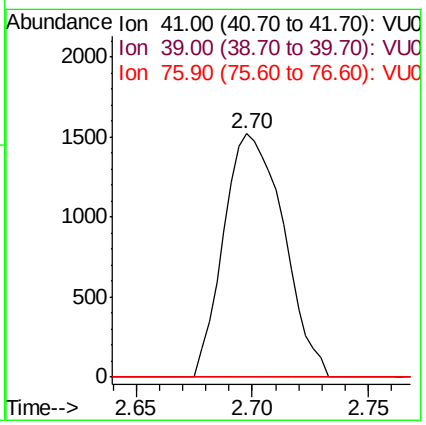


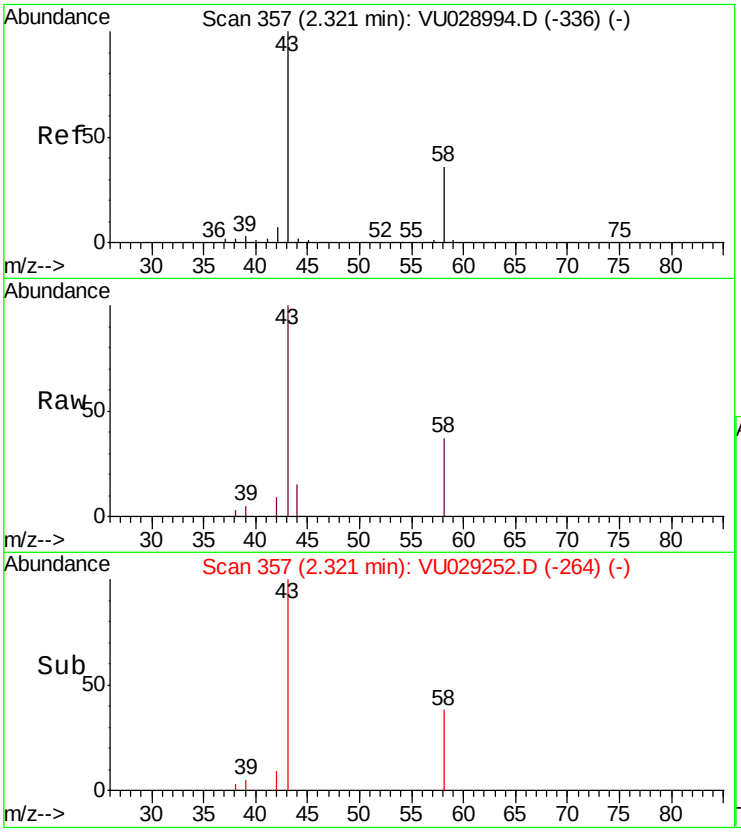


#14
Allyl chloride
Concen: 1.296 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.11 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 41 Resp: 2724

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.0	67.6#
76	0.0	28.1	42.1#



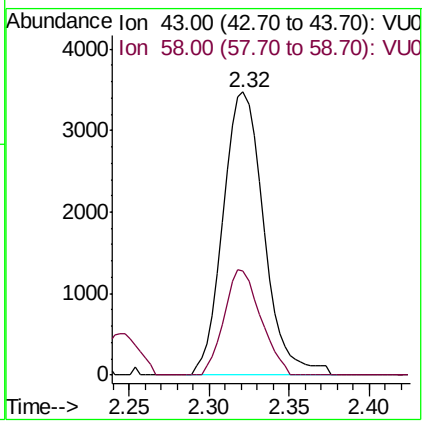


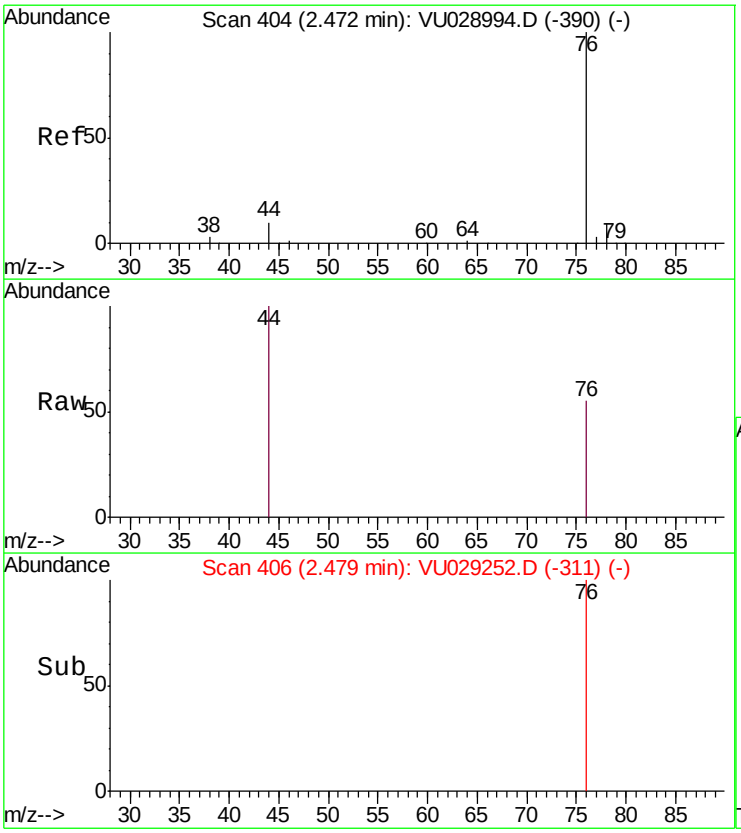
#16
Acetone
Concen: 7.041 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion: 43 Resp: 6056

Ion	Ratio	Lower	Upper
43	100		
58	37.0	28.6	42.8

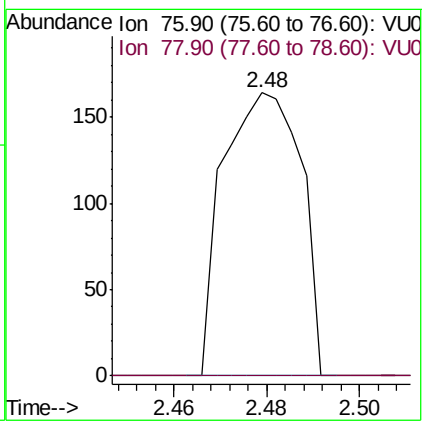


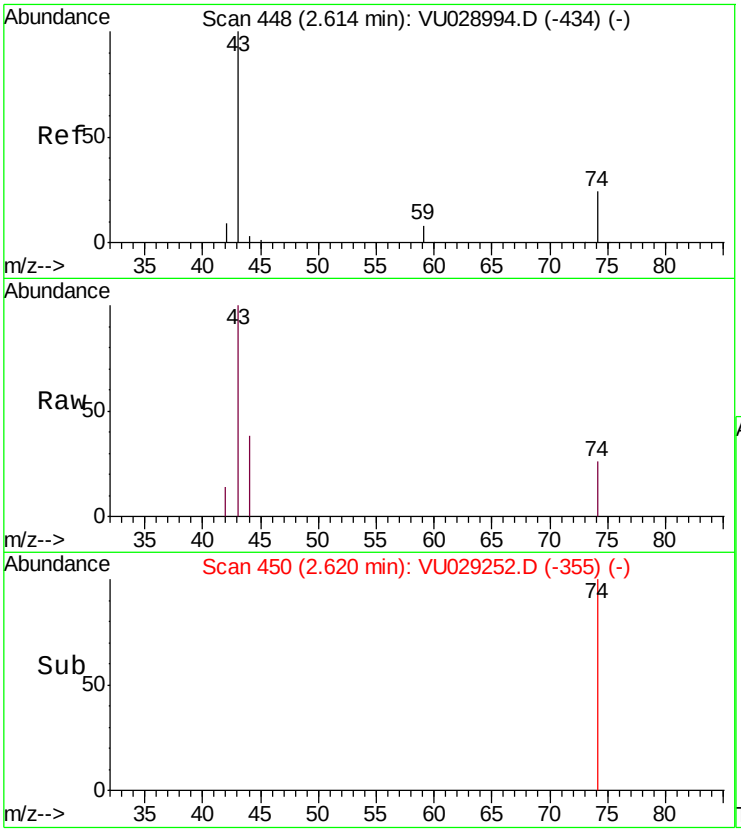


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 76 Resp: 190

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



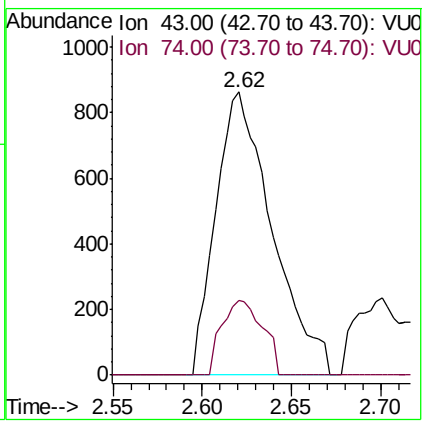


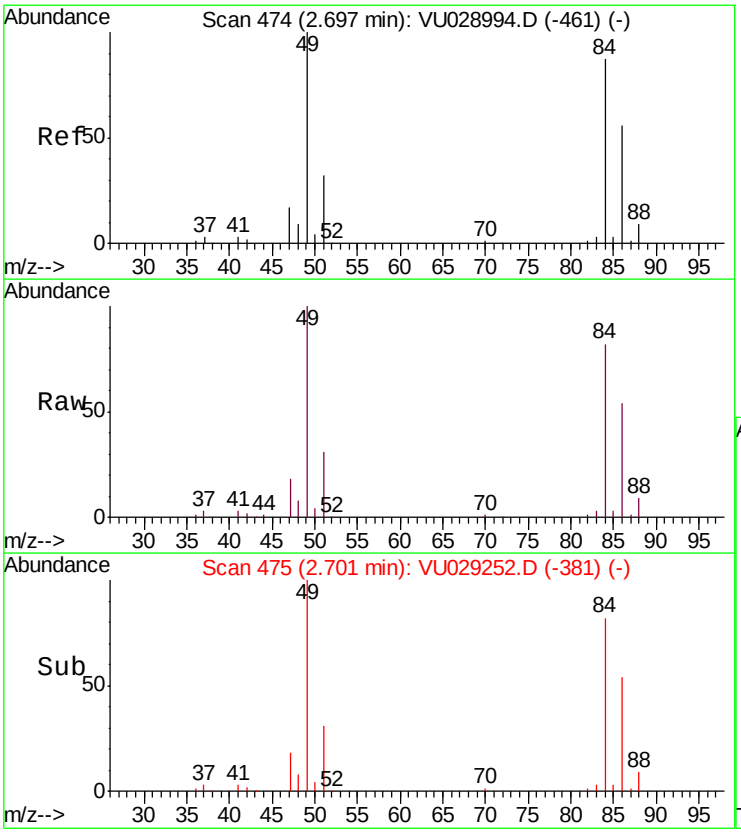
#18
Methyl Acetate
Concen: 0.950 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion: 43 Resp: 1900

Ion	Ratio	Lower	Upper
43	100		
74	19.0	19.5	29.3#

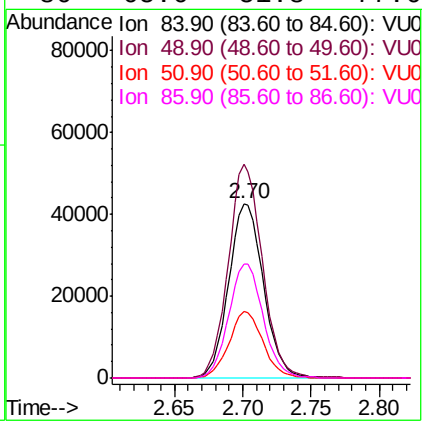


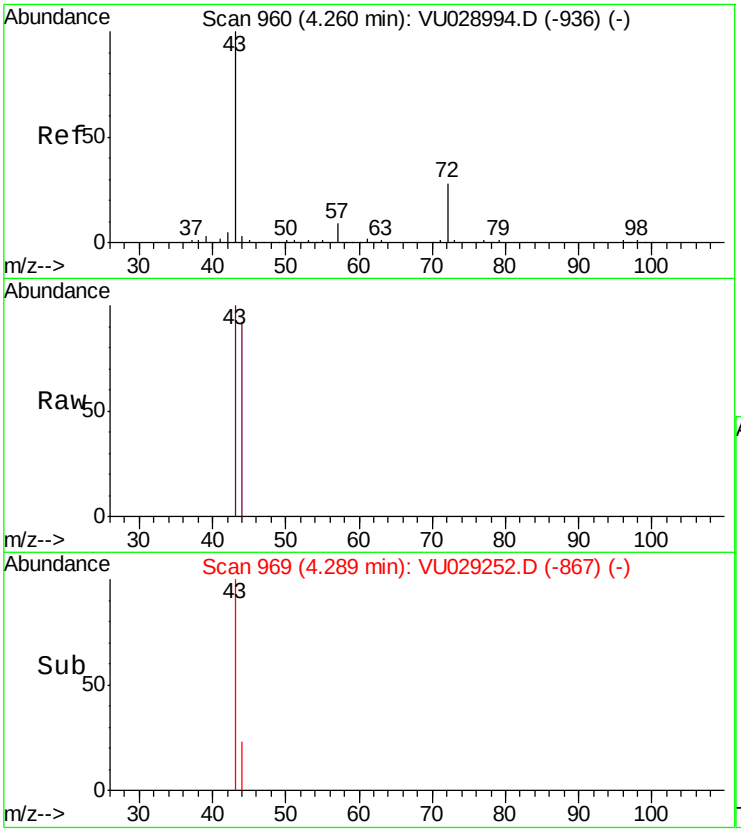


#20
Methylene Chloride
Concen: 51.456 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 84 Resp: 75139

Ion	Ratio	Lower	Upper
84	100		
49	122.4	91.9	137.9
51	38.0	29.2	43.8
86	65.6	51.8	77.6



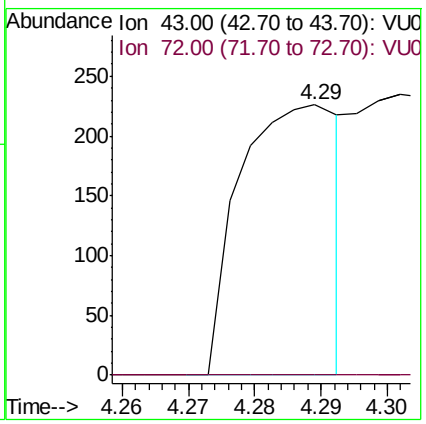


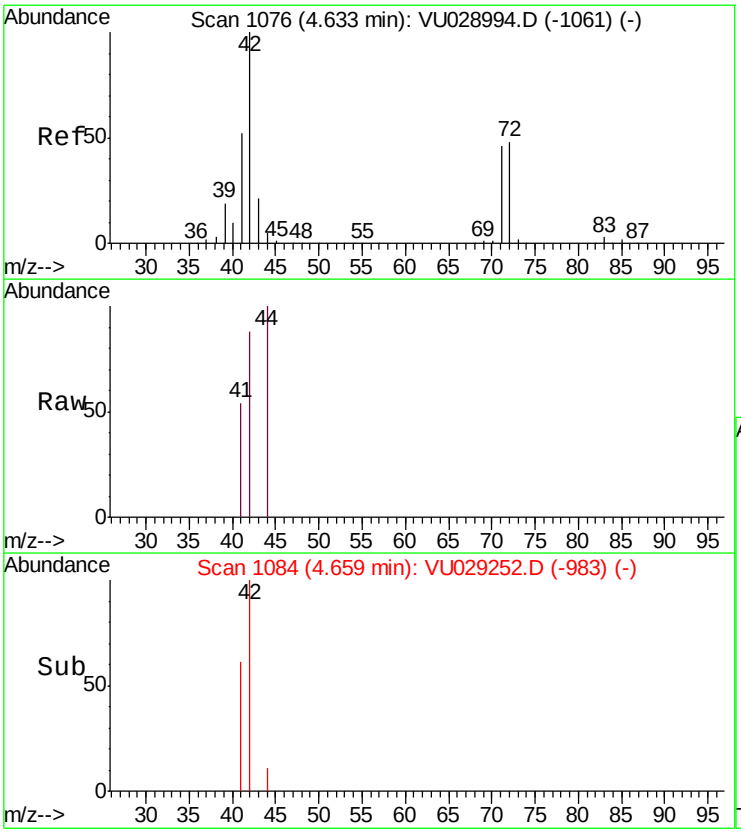
#25
2-Butanone
Concen: 0.201 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion: 43 Resp: 234

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	33.8#

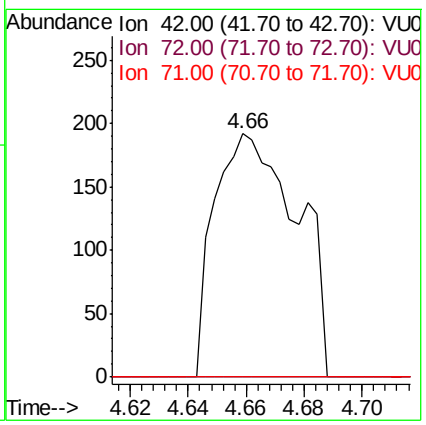


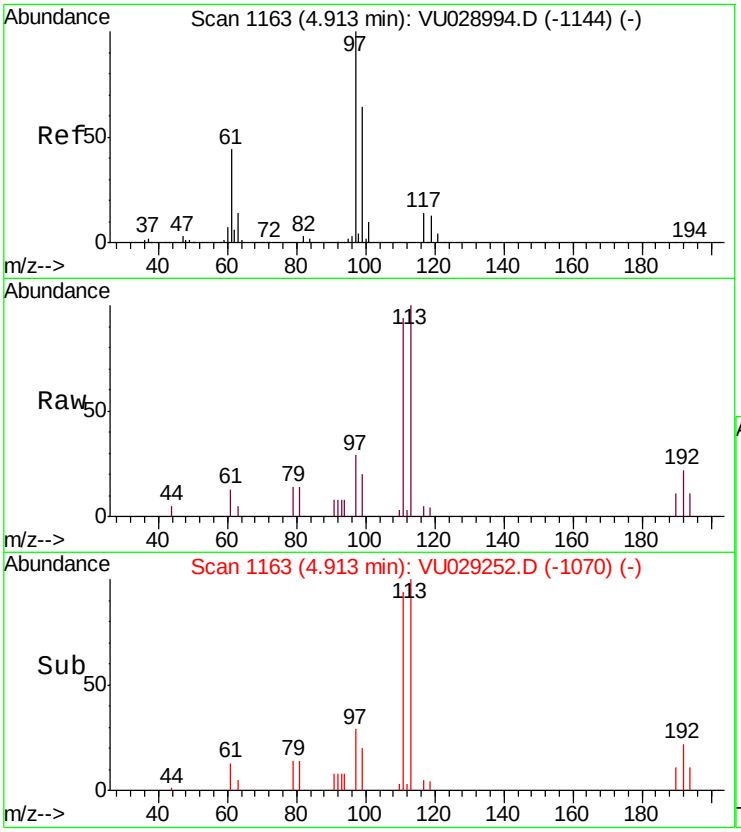


#29
Tetrahydrofuran
Concen: 0.538 ug/l
RT: 4.66 min Scan# 1084
Delta R.T. 0.03 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 42 Resp: 379

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.3	57.5#
71	0.0	36.1	54.1#



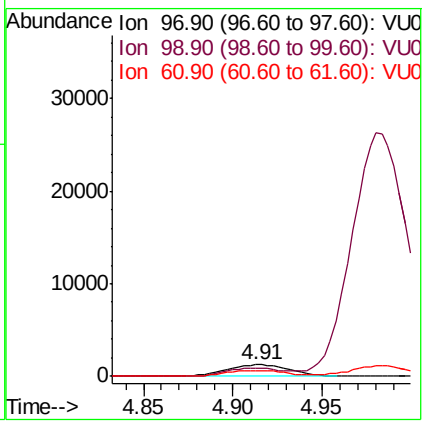


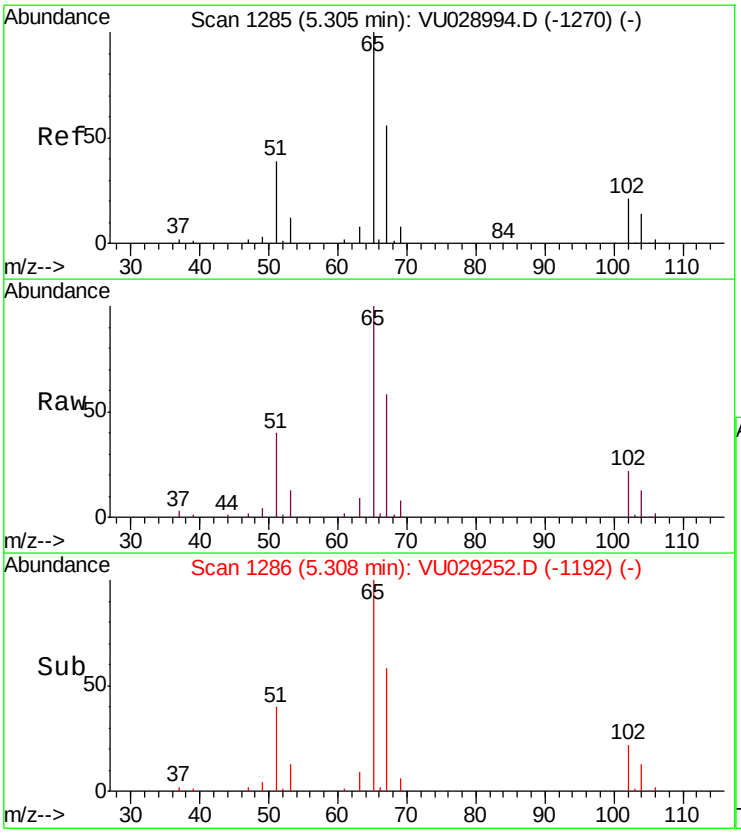
#32
1,1,1-Trichloroethane
Concen: 1.616 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion: 97 Resp: 3050

Ion	Ratio	Lower	Upper
97	100		
99	69.2	51.0	76.4
61	47.7	34.4	51.6

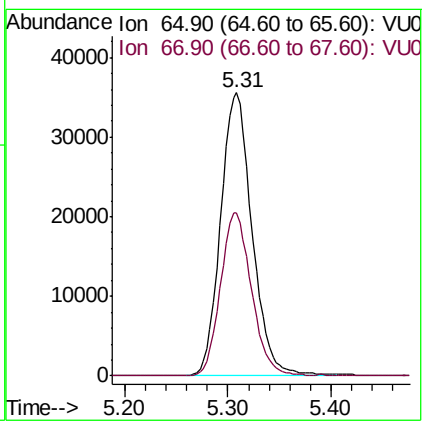


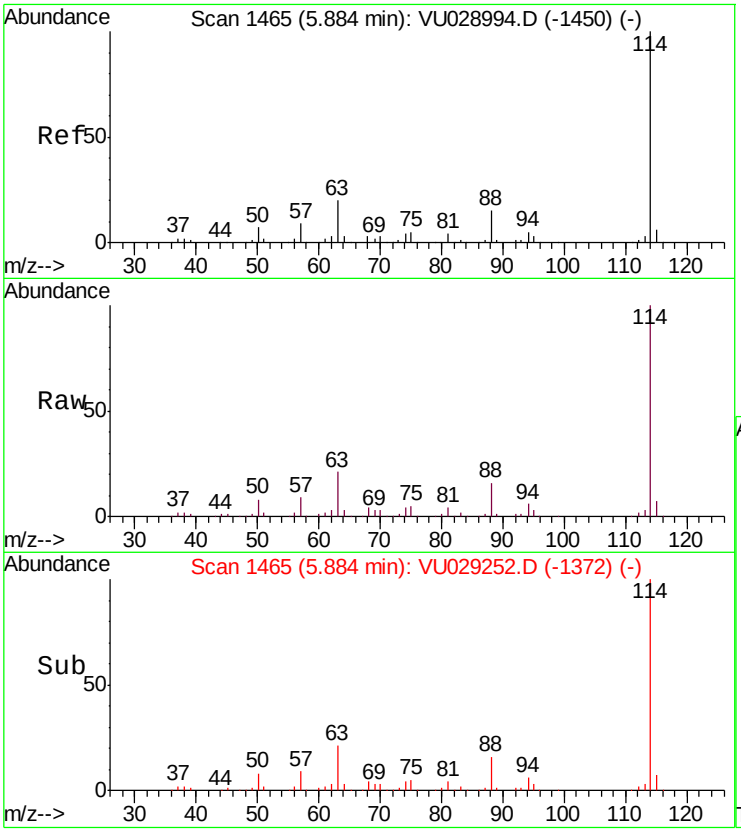


#33
1,2-Dichloroethane-d4
Concen: 55.355 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 65 Resp: 75575

Ion	Ratio	Lower	Upper
65	100		
67	56.7	0.0	111.0



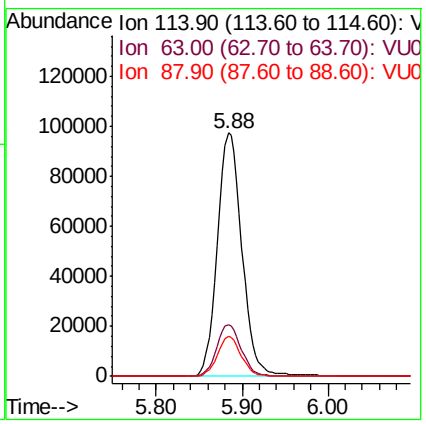


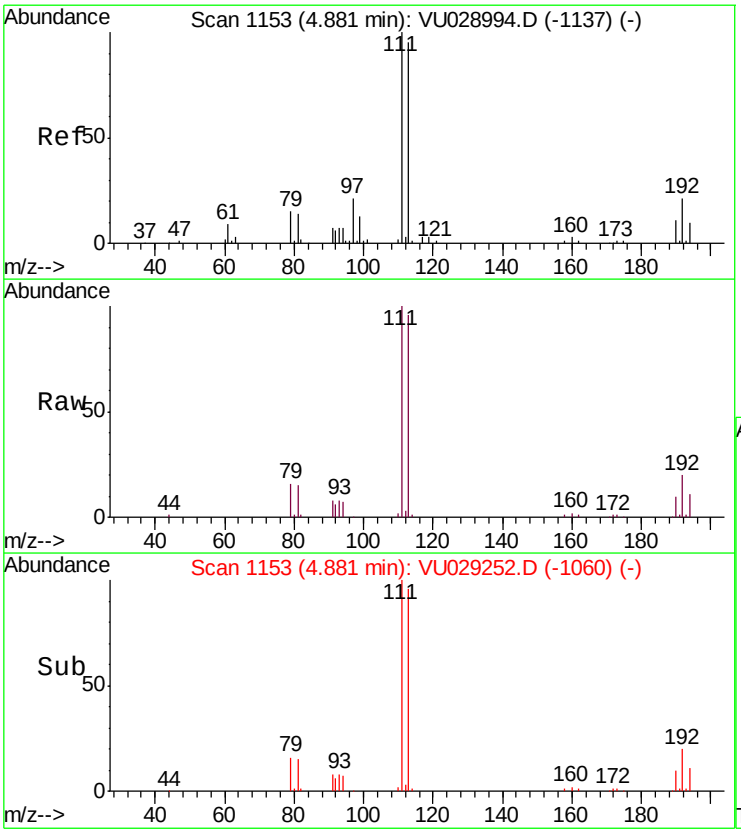
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Tgt Ion:114 Resp: 193964

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.2
88	16.4	0.0	30.4

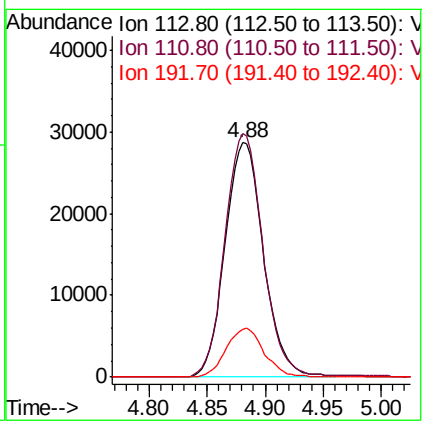


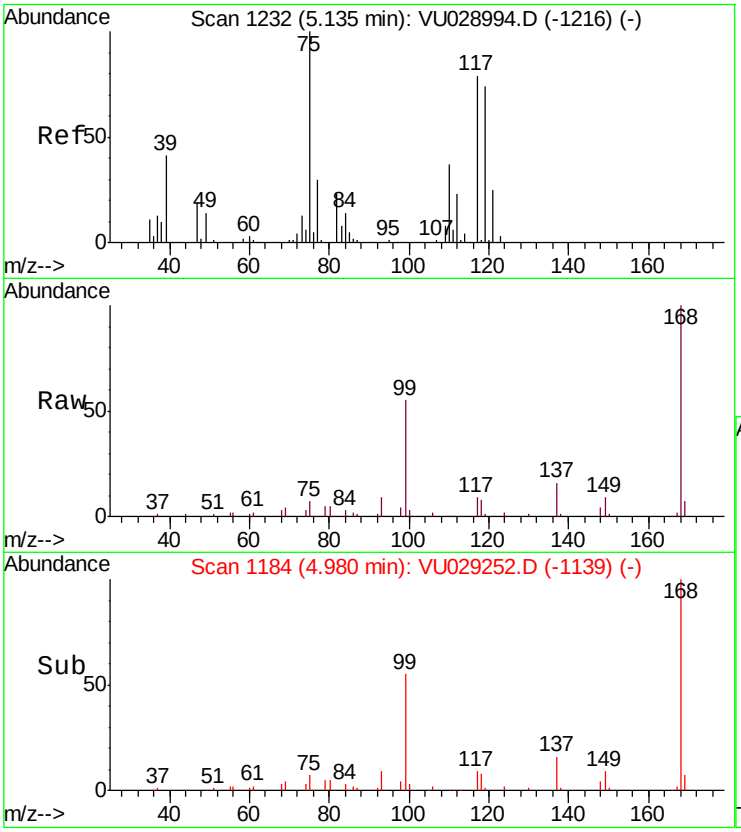


#35
Dibromofluoromethane
Concen: 52.396 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion:113 Resp: 65879

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	20.5	16.8	25.2



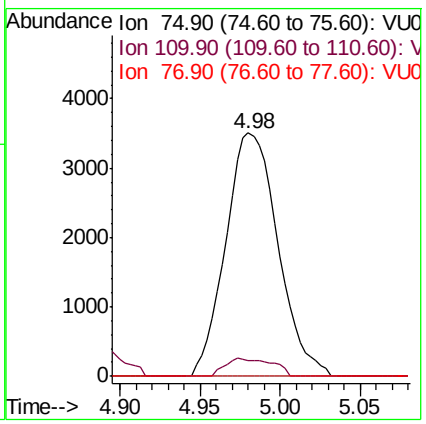


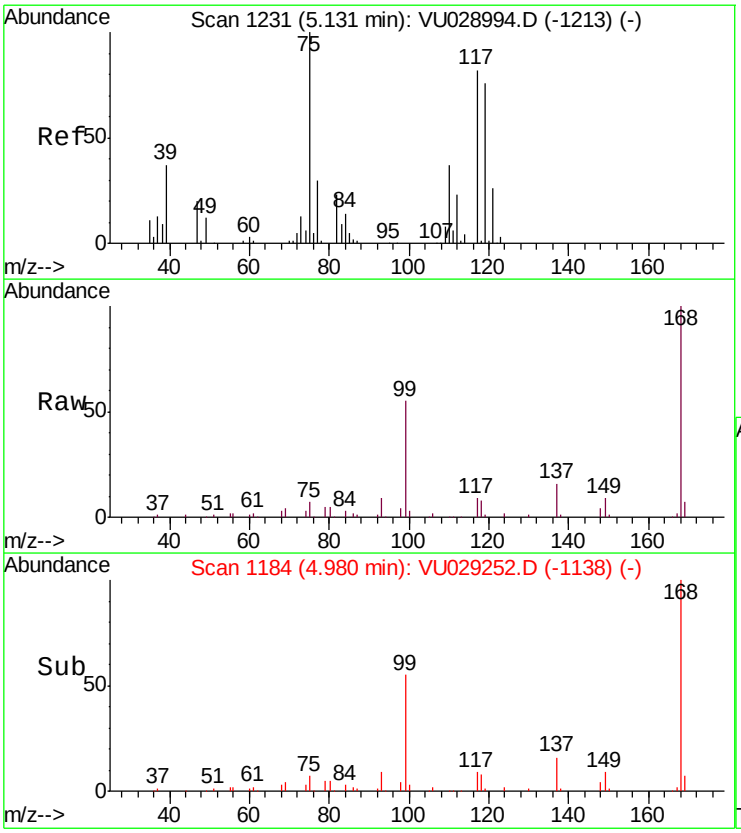
#36
1,1-Dichloropropene
Concen: 4.041 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion: 75 Resp: 7835

Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.4	55.4#
77	0.0	25.1	37.7#

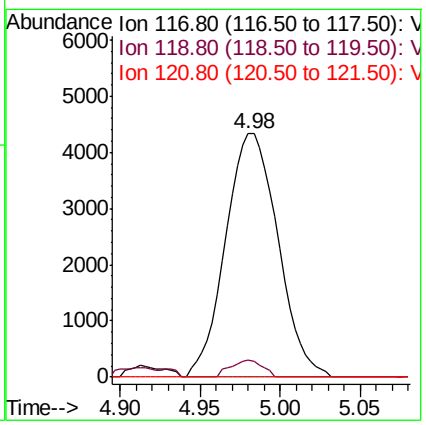


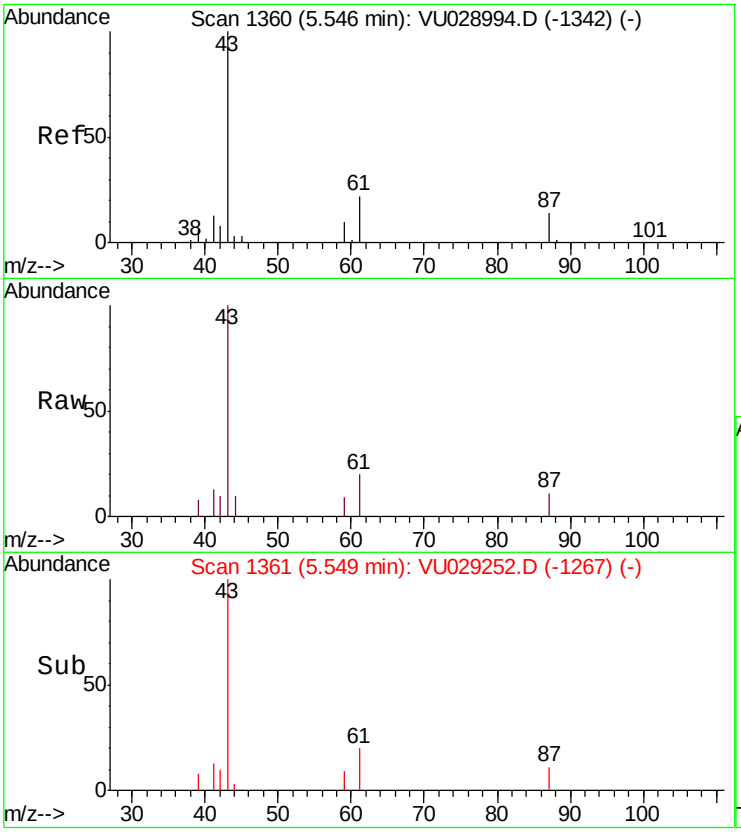


#38
Carbon Tetrachloride
Concen: 5.999 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion:117 Resp: 9700

Ion	Ratio	Lower	Upper
117	100		
119	7.2	74.6	111.8#
121	0.0	25.0	37.6#



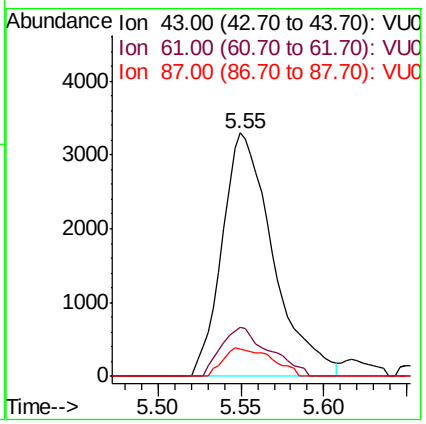


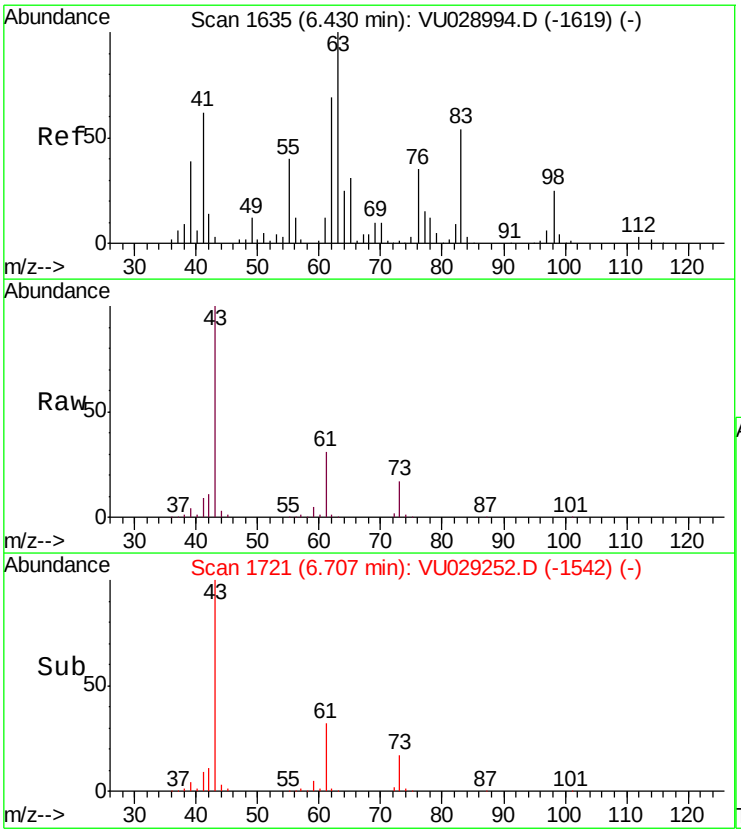
#43
Isopropyl Acetate
Concen: 2.152 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Tgt Ion: 43 Resp: 7026

Ion	Ratio	Lower	Upper
43	100		
61	19.0	17.8	26.6
87	10.9	11.3	16.9#

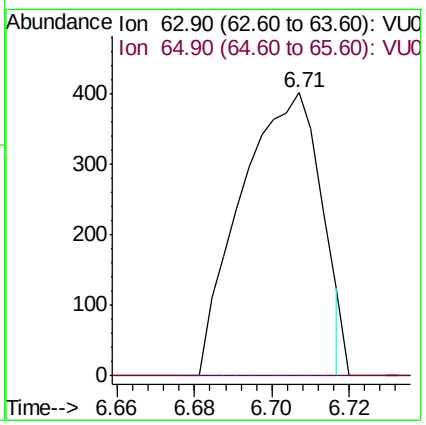


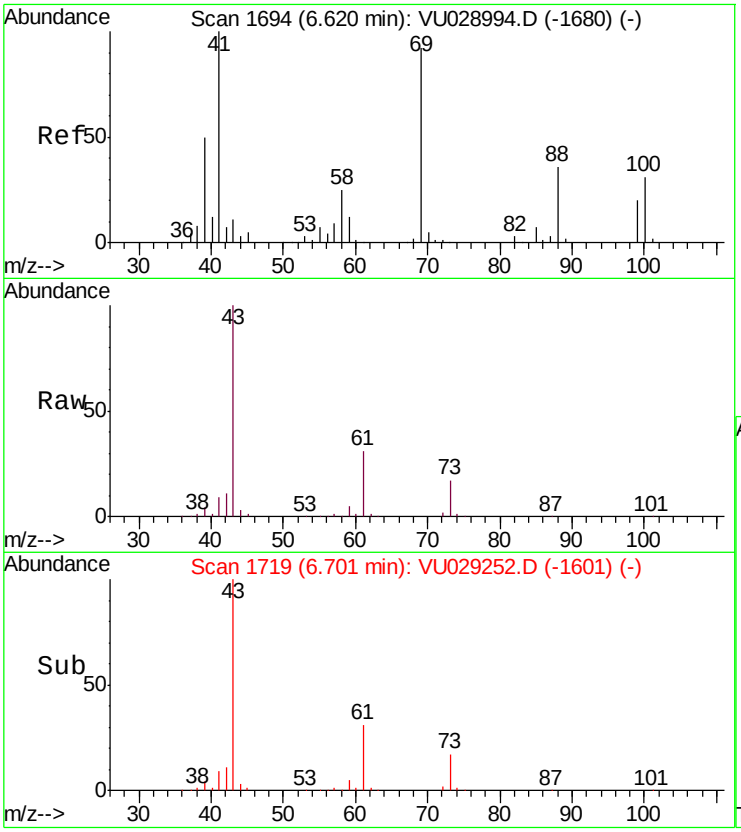


#45
1,2-Dichloropropane
Concen: 0.362 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.28 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 63 Resp: 578

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.1	37.7#



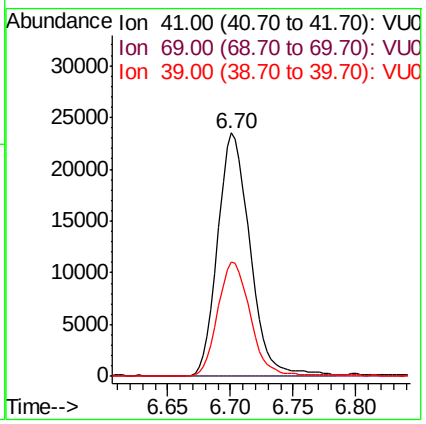


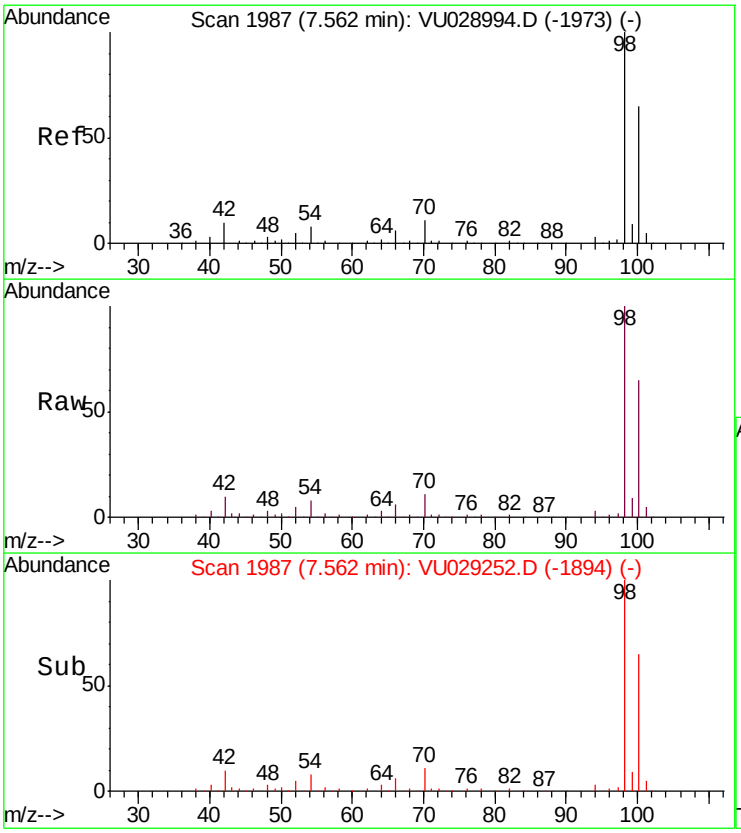
#48
Methyl methacrylate
Concen: 26.642 ug/l
RT: 6.70 min Scan# 1719
Delta R.T. 0.08 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Tgt Ion: 41 Resp: 42349

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.6	110.4#
39	47.3	39.6	59.4

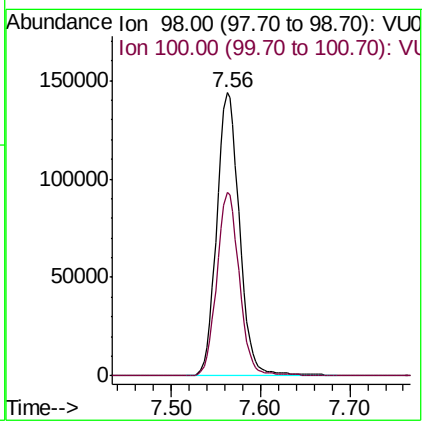


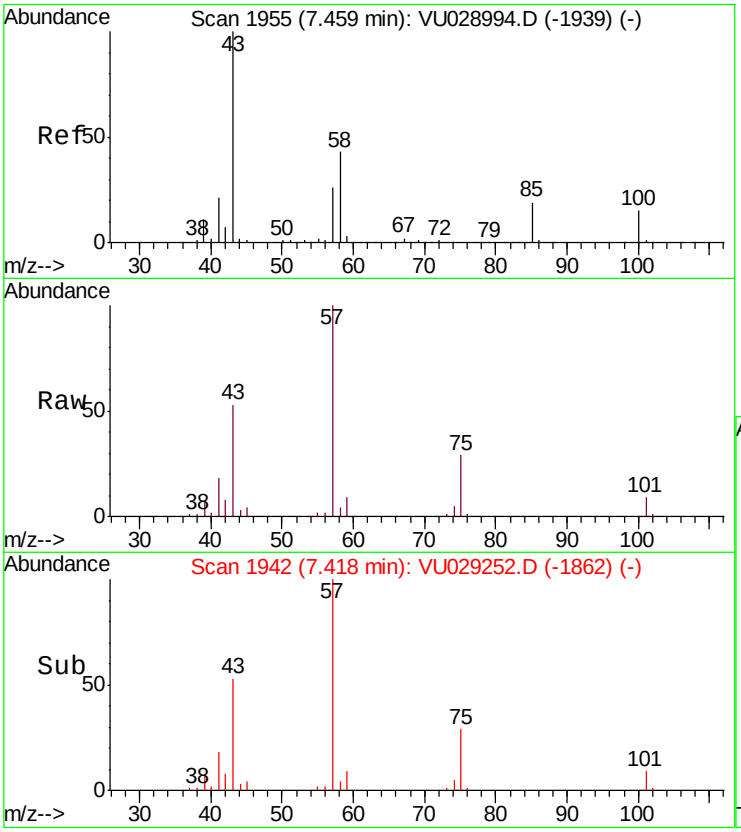


#50
Toluene-d8
Concen: 51.311 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 98 Resp: 254696

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4



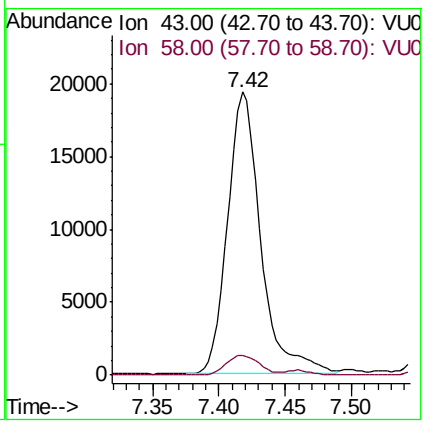


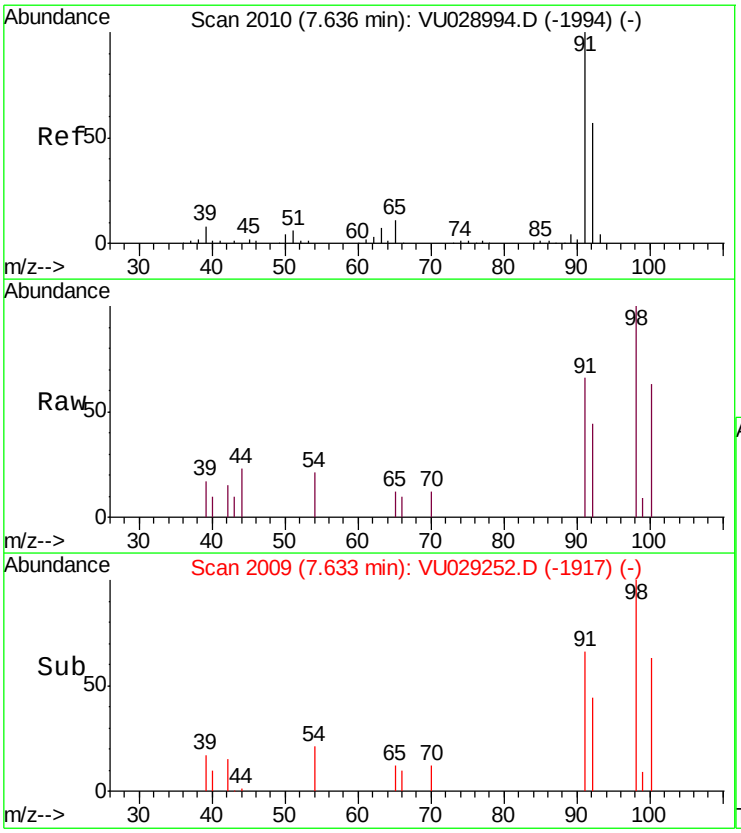
#51
4-Methyl-2-Pentanone
Concen: 15.127 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. -0.04 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Tgt Ion: 43 Resp: 33607

Ion	Ratio	Lower	Upper
43	100		
58	7.1	33.9	50.9#

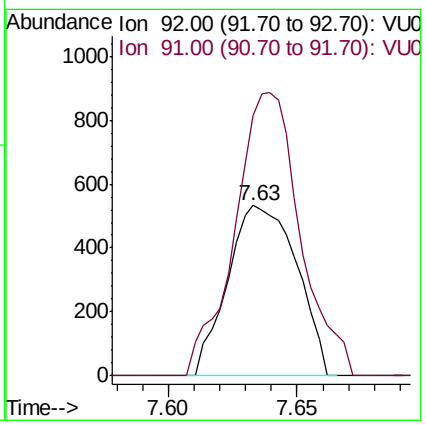


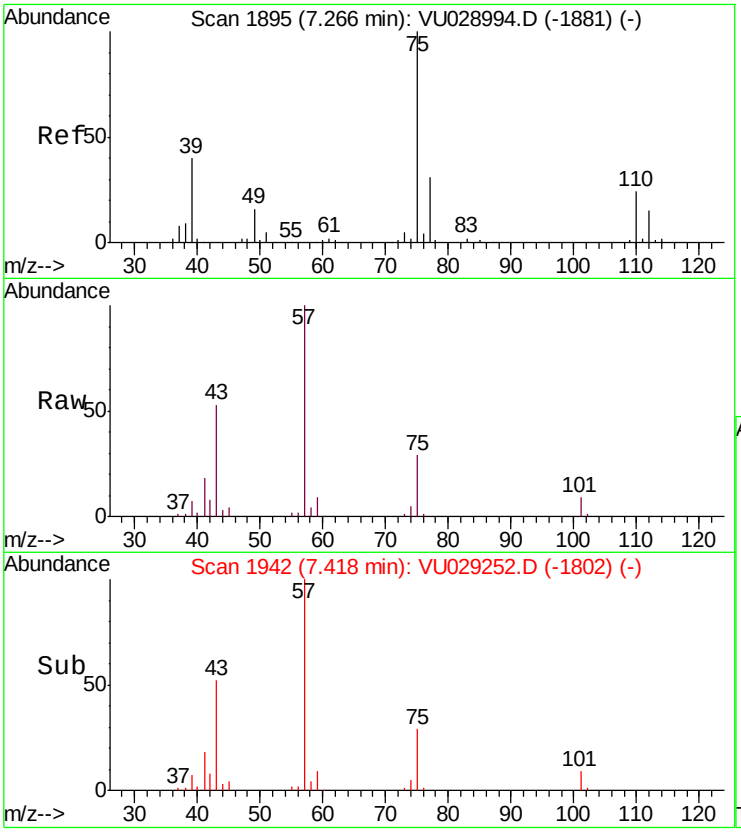


#52
Toluene
Concen: 0.270 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 92 Resp: 993

Ion	Ratio	Lower	Upper
92	100		
91	158.1	139.8	209.8



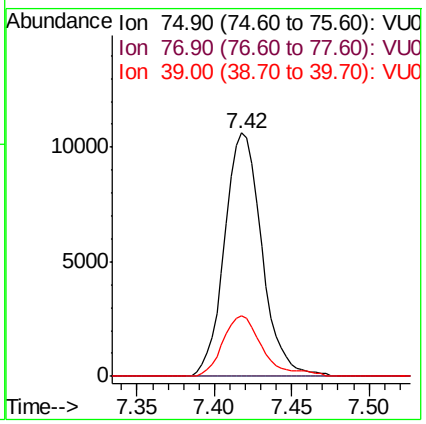


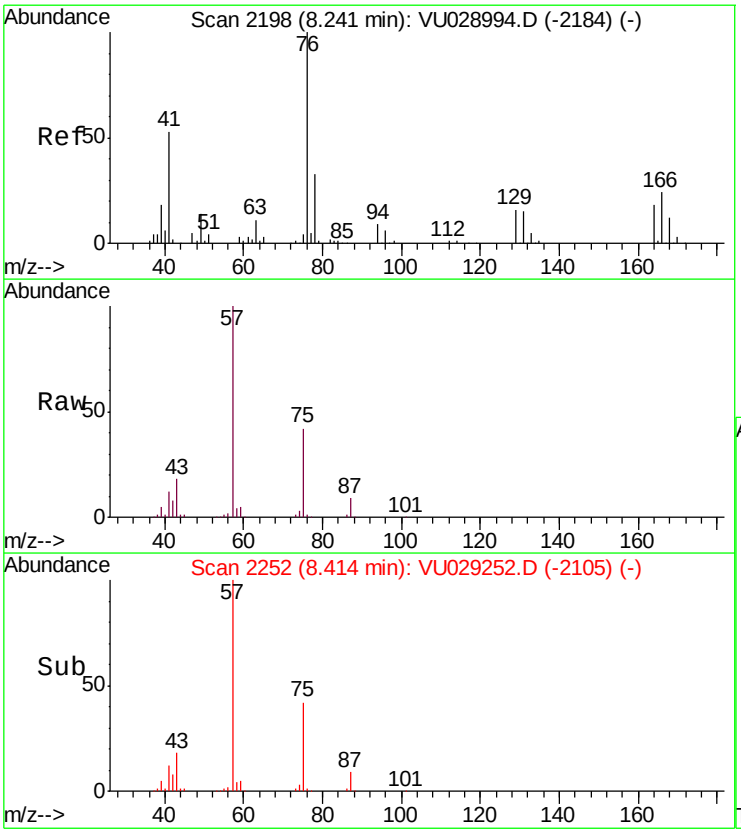
#54
cis-1,3-Dichloropropene
Concen: 7.269 ug/l
RT: 7.42 min Scan# 1942
Delta R.T. 0.15 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Tgt Ion: 75 Resp: 17735

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#
39	24.8	32.2	48.4#

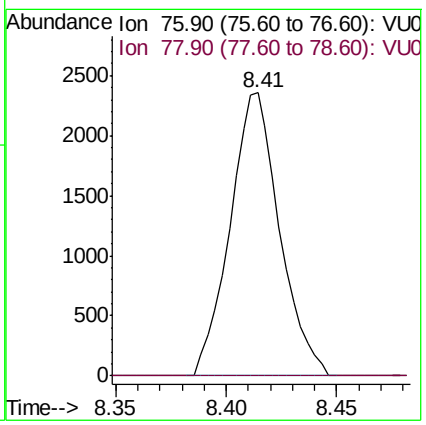


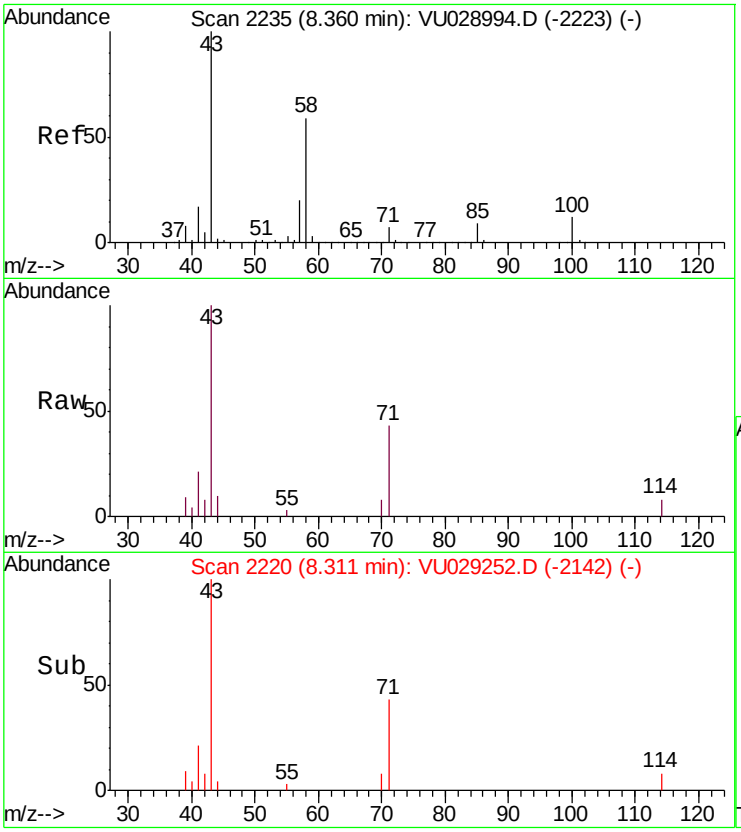


#57
1,3-Dichloropropane
Concen: 1.452 ug/l
RT: 8.41 min Scan# 2252
Delta R.T. 0.17 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 76 Resp: 3664

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



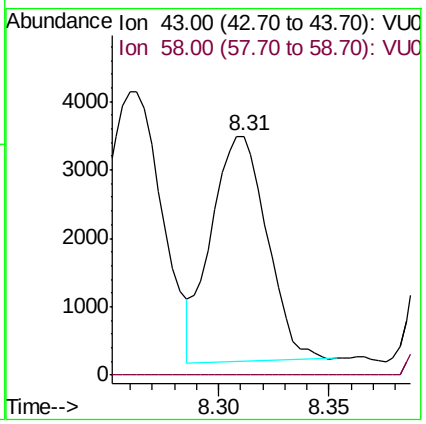


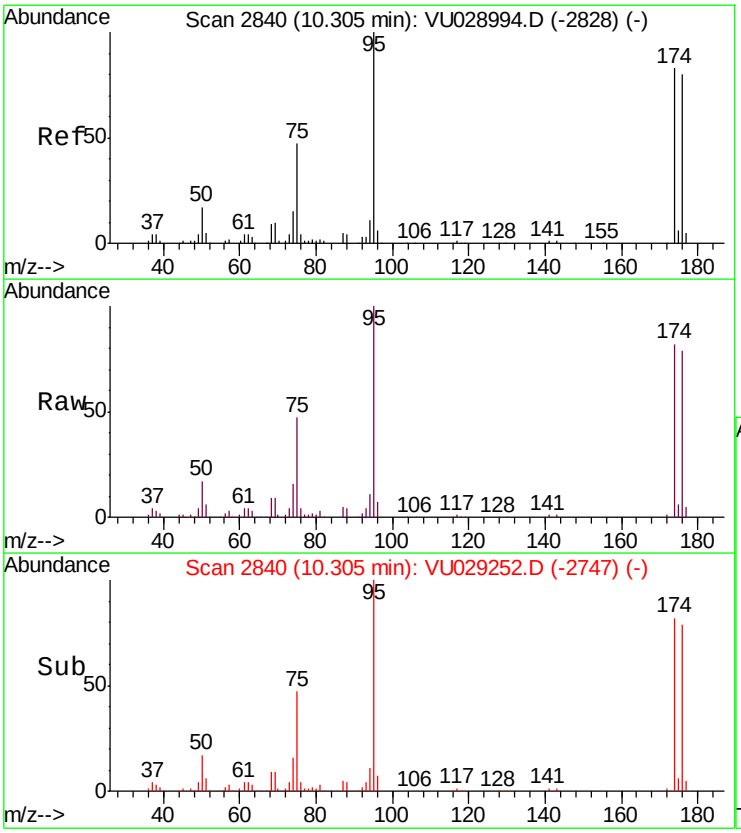
#59
2-Hexanone
Concen: 3.303 ug/l
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Tgt Ion: 43 Resp: 5761

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	89.4#

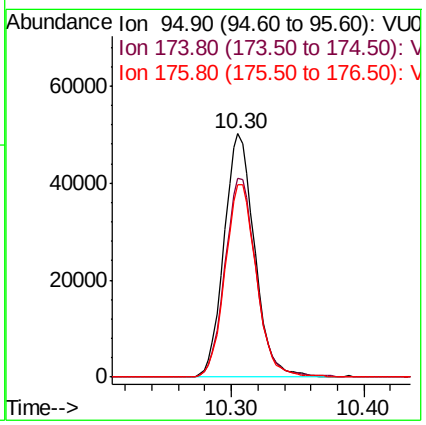


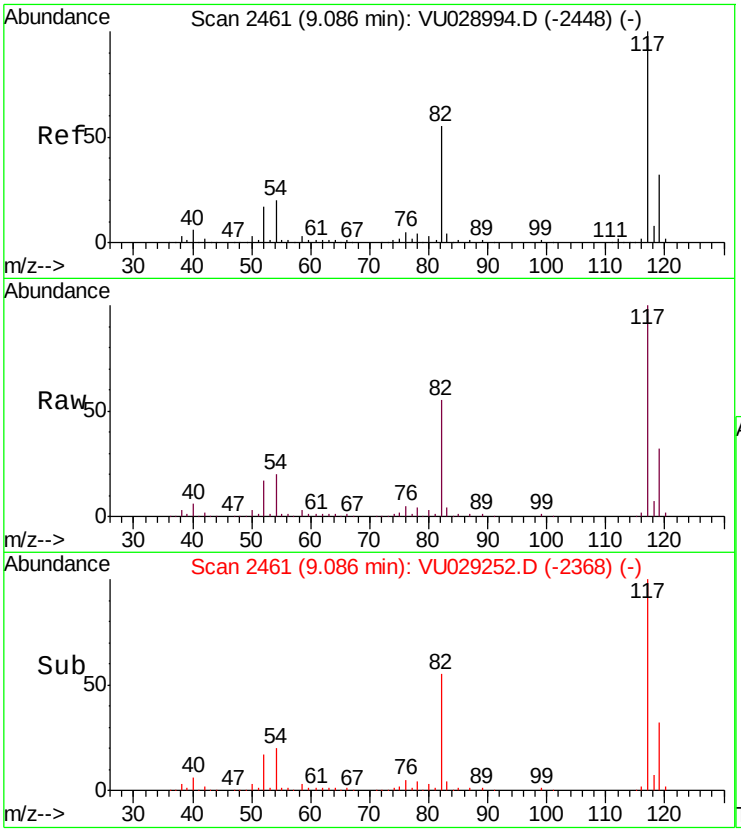


#62
4-Bromofluorobenzene
Concen: 44.982 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion: 95 Resp: 80243

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	170.6
176	81.1	0.0	165.0



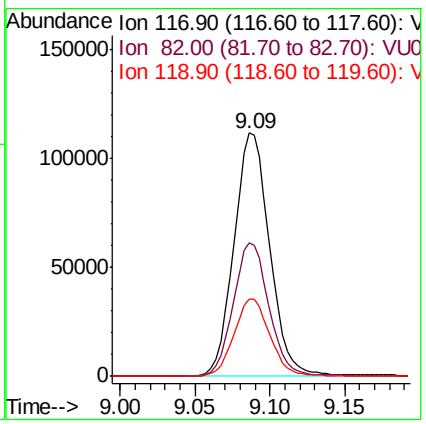


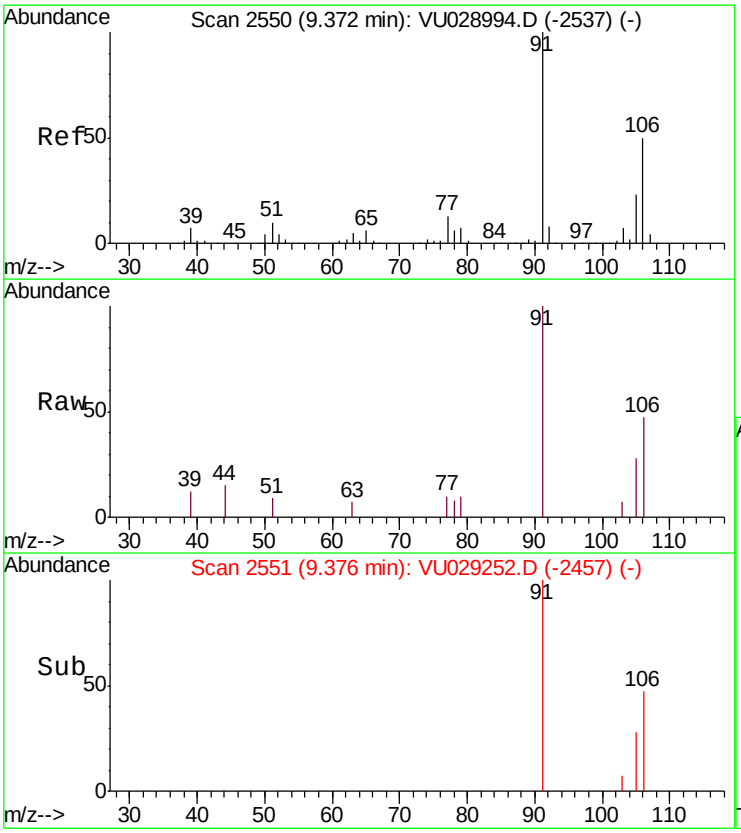
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion:117 Resp: 185493

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.9	65.9
119	31.8	26.0	39.0

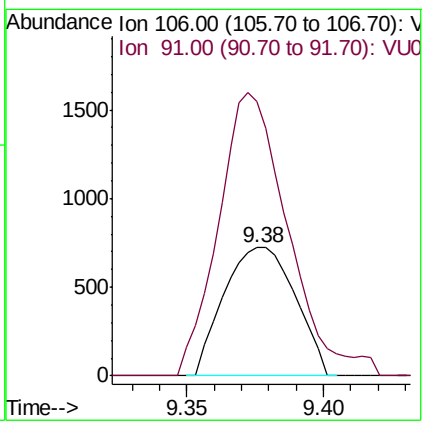


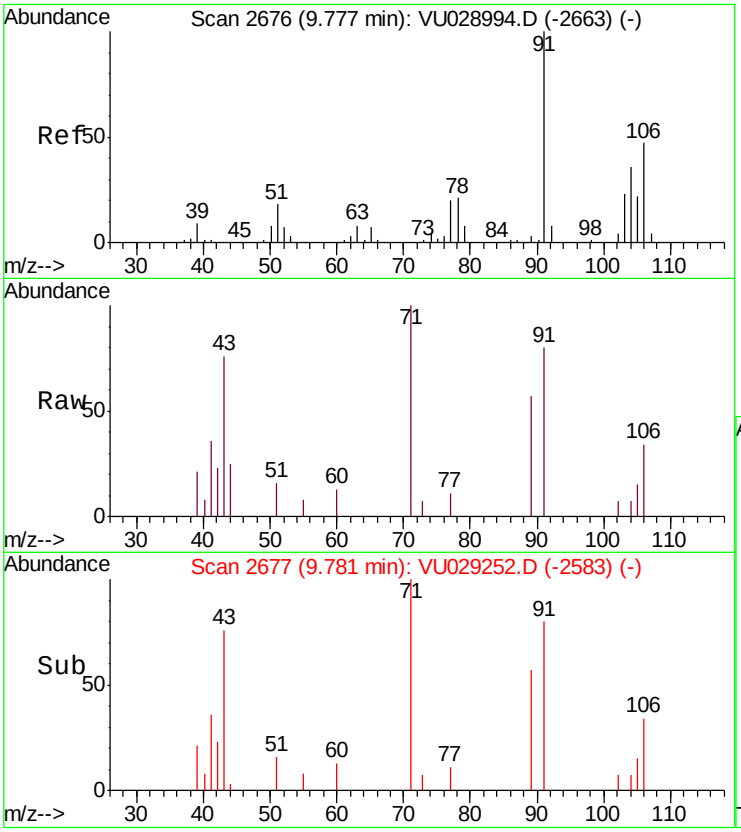


#68
m/p-Xylenes
Concen: 0.488 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion:106 Resp: 1316

Ion	Ratio	Lower	Upper
106	100		
91	214.7	161.7	242.5



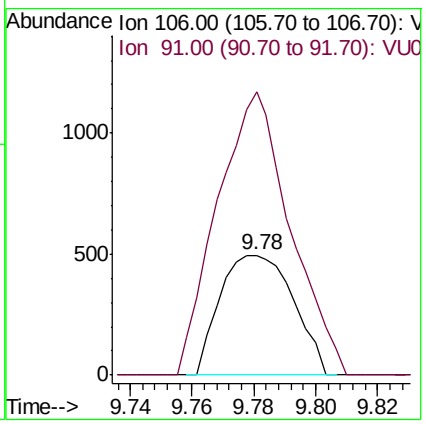


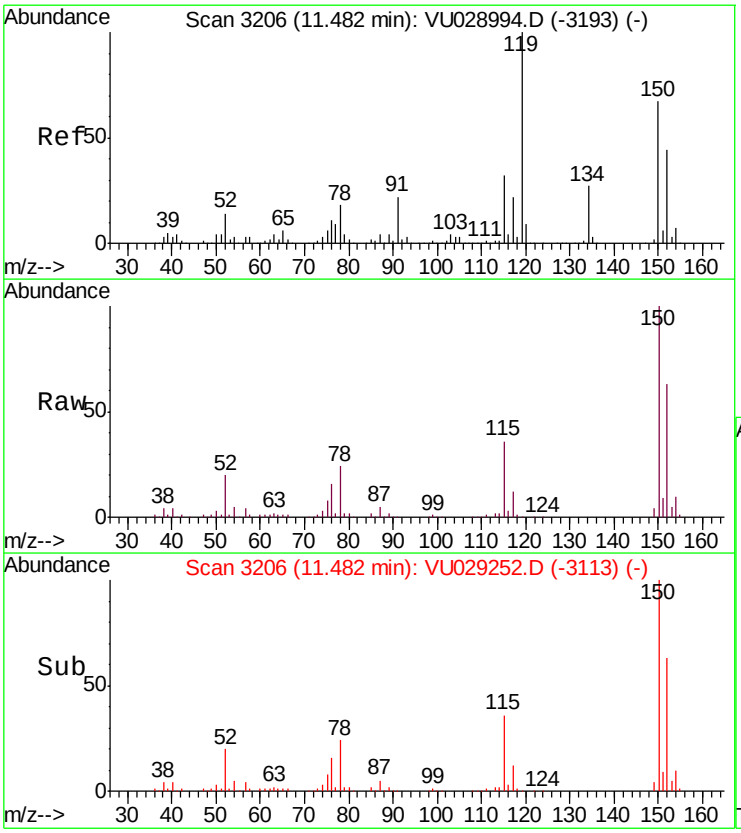
#69
o-Xylene
Concen: 0.314 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion:106 Resp: 817

Ion	Ratio	Lower	Upper
106	100		
91	234.8	106.1	318.3

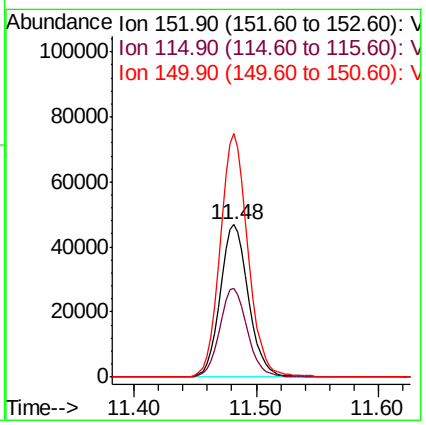


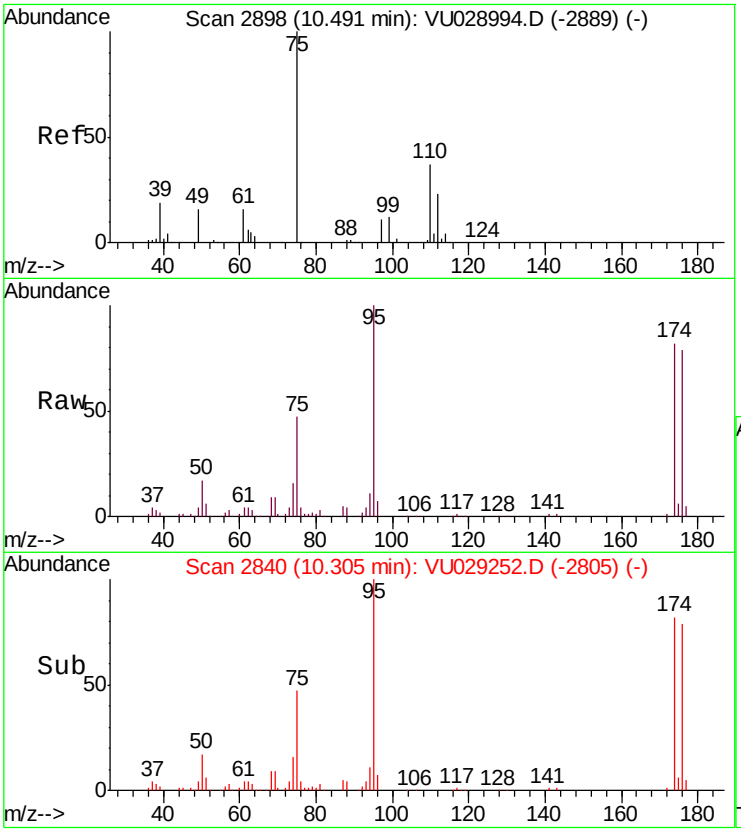


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion:152 Resp: 76420

Ion	Ratio	Lower	Upper
152	100		
115	57.1	40.1	120.3
150	156.7	0.0	345.2



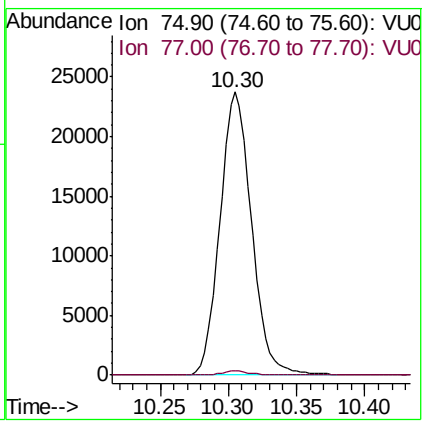


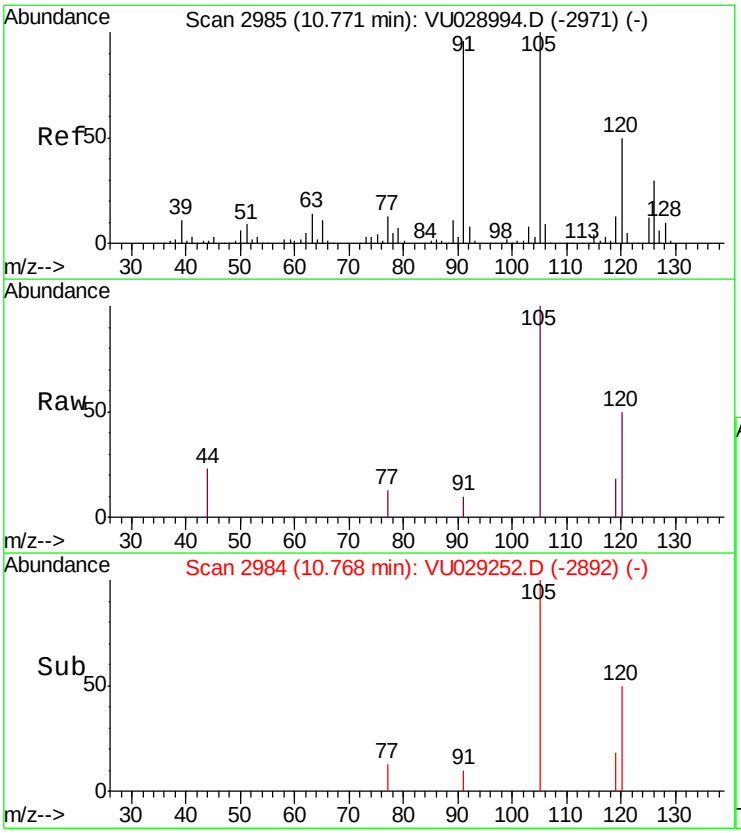
#76
1,2,3-Trichloropropane
Concen: 20.361 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion: 75 Resp: 38125

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.9	62.8#

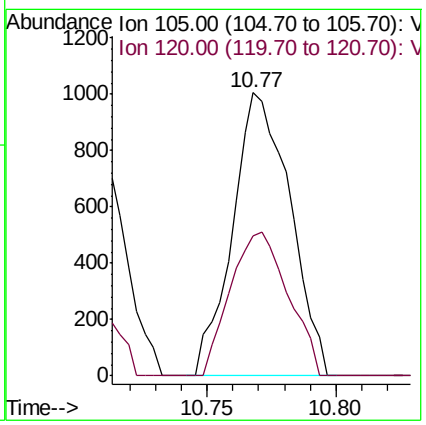


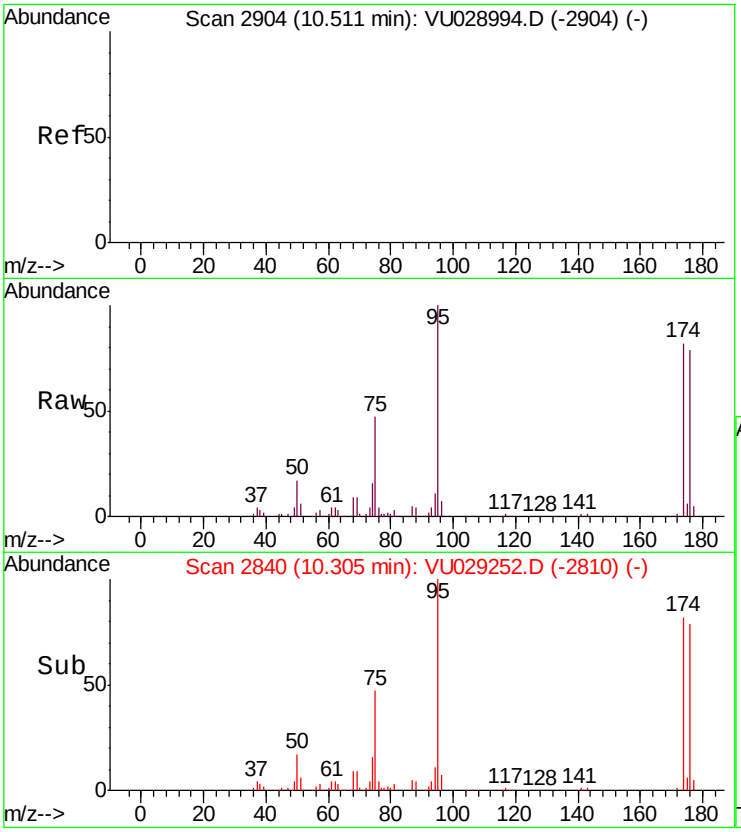


#80
1,3,5-Trimethylbenzene
Concen: 0.331 ug/l
RT: 10.77 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion:105 Resp: 1563

Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.8	74.4



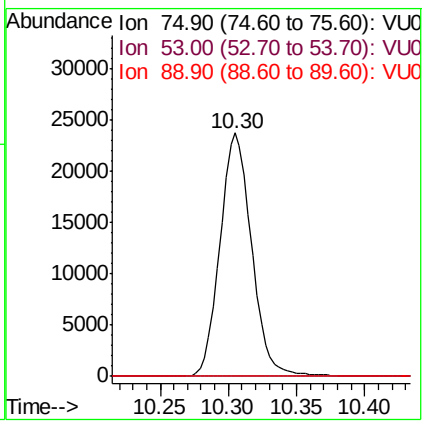


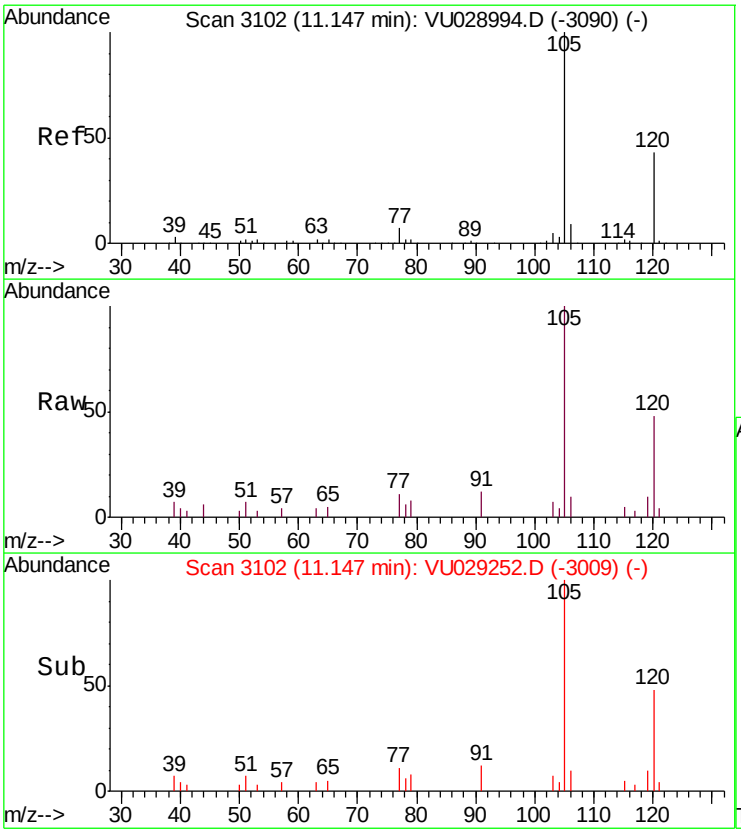
#81
trans-1,4-Dichloro-2-butene
Concen: 52.513 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument : MSVOA_U
ClientSampleId : PL-01-011819-C

Tgt Ion: 75 Resp: 38125

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

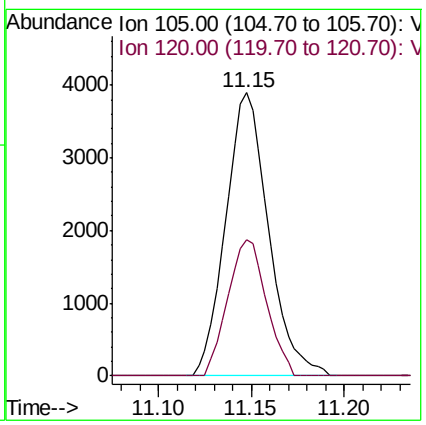


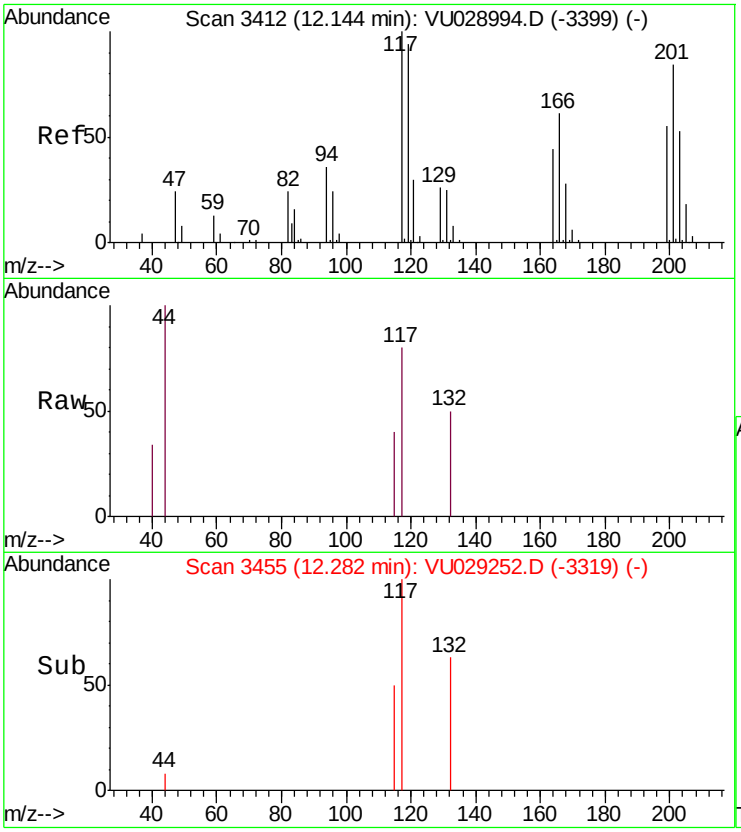


#84
1,2,4-Trimethylbenzene
Concen: 1.325 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion:105 Resp: 6251

Ion	Ratio	Lower	Upper
105	100		
120	43.3	23.1	69.3



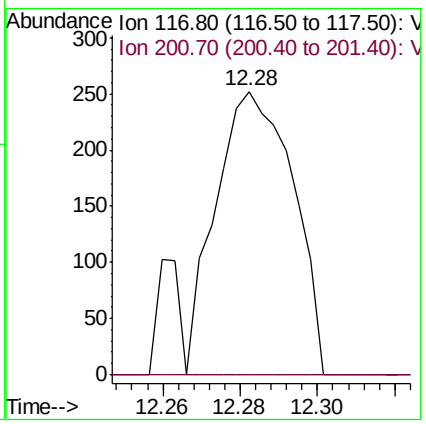


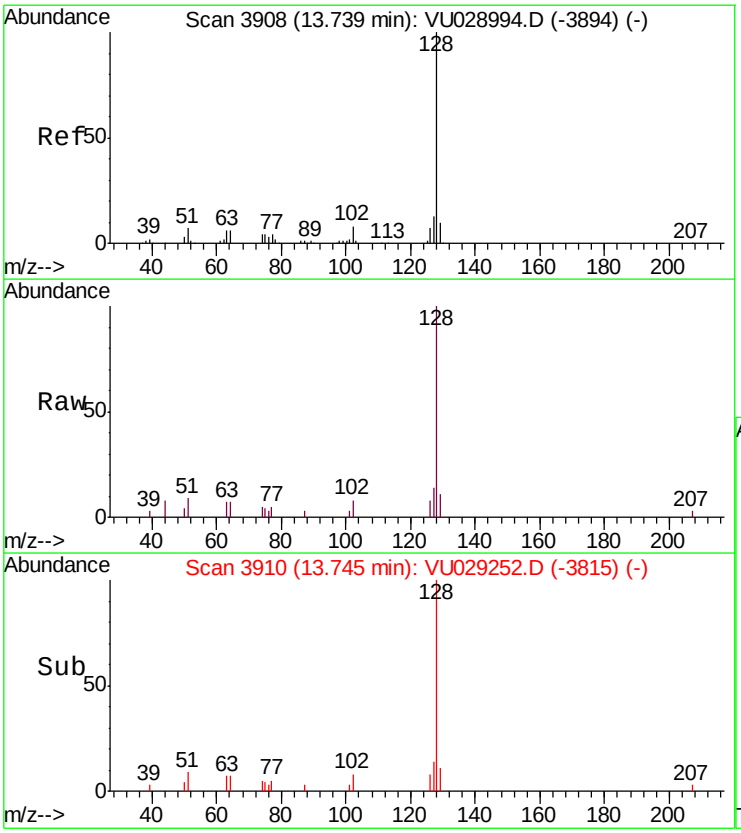
#90
Hexachloroethane
Concen: 0.435 ug/l
RT: 12.28 min Scan# 3455
Delta R.T. 0.14 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-C

Tgt Ion:117 Resp: 351

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.4	127.3#





#95
Naphthalene
Concen: 1.562 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU029252.D
Acq: 21 Jan 2019 16:32

Tgt Ion:128 Resp: 9240

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.3	8.5	12.7