Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
Data File : VU034355.D
Acq On : 07 Sep 2019 01:27
Operator : JC/SP
Sample : K4725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : S13-0274

Quant Time: Sep 07 04:15:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	287190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	434779	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	425396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	279339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	221222	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.82%			
35) Dibromofluoromethane	4.86	113	195395	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.60%			
50) Toluene-d8	7.55	98	737232	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.00%			
62) 4-Bromofluorobenzene	10.29	95	276427	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.20%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1151	0.270	ug/l	95
5) Bromomethane	1.63	94	577	Below Cal	#	77
6) Chloroethane	1.69	64	826	Below Cal	#	43
10) Methyl Iodide	2.40	142	344	3.951	ug/l #	45
11) Tert butyl alcohol	2.82	59	4080	4.444	ug/l #	73
15) Acrylonitrile	2.99	53	864	0.378	ug/l #	21
16) Acetone	2.31	43	4400	1.957	ug/l	99
17) Carbon Disulfide	2.47	76	5006	0.713	ug/l #	86
19) Methyl tert-butyl Ether	2.98	73	61168	5.371	ug/l #	73
20) Methylene Chloride	2.69	84	260	Below Cal	#	58
29) Tetrahydrofuran	4.65	42	1045	0.572	ug/l #	44
31) Cyclohexane	4.97	56	13766	2.705	ug/l #	50
36) 1,1-Dichloropropene	4.96	75	19385	4.111	ug/l #	48
38) Carbon Tetrachloride	4.96	117	25535	5.072	ug/l #	15
39) Methylcyclohexane	6.40	83	27328	5.422	ug/l	96
40) Benzene	5.37	78	560576	36.844	ug/l	99
42) 1,2-Dichloroethane	5.36	62	4096	0.775	ug/l #	73
48) Methyl methacrylate	6.62	41	1503	0.364	ug/l #	72
51) 4-Methyl-2-Pentanone	7.45	43	1806	0.300	ug/l #	73
52) Toluene	7.62	92	4988	0.523	ug/l	98
55) 1,1,2-Trichloroethane	8.03	97	7101	1.638	ug/l #	19
56) Ethyl methacrylate	8.02	69	1692	3.318	ug/l #	1
59) 2-Hexanone	8.38	43	1259	0.280	ug/l	84
67) Ethyl Benzene	9.23	91	49914	2.829	ug/l	99
68) m/p-Xylenes	9.36	106	225215	33.893	ug/l	98
69) o-Xylene	9.76	106	14960	2.302	ug/l	100
73) Isopropylbenzene	10.15	105	221275	12.172	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.47	83	2165	0.294	ug/l #	43
76) 1,2,3-Trichloropropane	10.29	75	130729	21.440	ug/l #	34
78) n-propylbenzene	10.57	91	375948	17.907	ug/l	100
79) 2-Chlorotoluene	10.68	91	55438	4.328	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.75	105	146602	9.643	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.69	75	4485	2.474	ug/l #	100
82) 4-Chlorotoluene	10.75	91	16829	1.142	ug/l #	49

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
Data File : VU034355.D
Acq On : 07 Sep 2019 01:27
Operator : JC/SP
Sample : K4725-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : S13-0274

Quant Time: Sep 07 04:15:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) tert-Butylbenzene	11.08	119	36760	2.417	ug/l		90
84) 1,2,4-Trimethylbenzene	11.13	105	3432641	224.295	ug/l		99
85) sec-Butylbenzene	11.13	105	3432641	191.172	ug/l	#	56
86) p-Isopropyltoluene	11.45	119	100279	6.051	ug/l		99
89) n-Butylbenzene	11.86	91	77435	5.377	ug/l	#	30
90) Hexachloroethane	12.13	117	25689	9.689	ug/l	#	5
92) 1,2-Dibromo-3-Chloropropan	12.63	75	2240	1.657	ug/l	#	1
93) 1,2,4-Trichlorobenzene	13.49	180	2962	3.869	ug/l	#	1
94) Hexachlorobutadiene	13.67	225	928	0.291	ug/l		86
95) Naphthalene	13.72	128	1470312	76.677	ug/l		99
96) 1,2,3-Trichlorobenzene	13.97	180	3086	3.096	ug/l	#	84

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

Quantitation Report (Not Reviewed)

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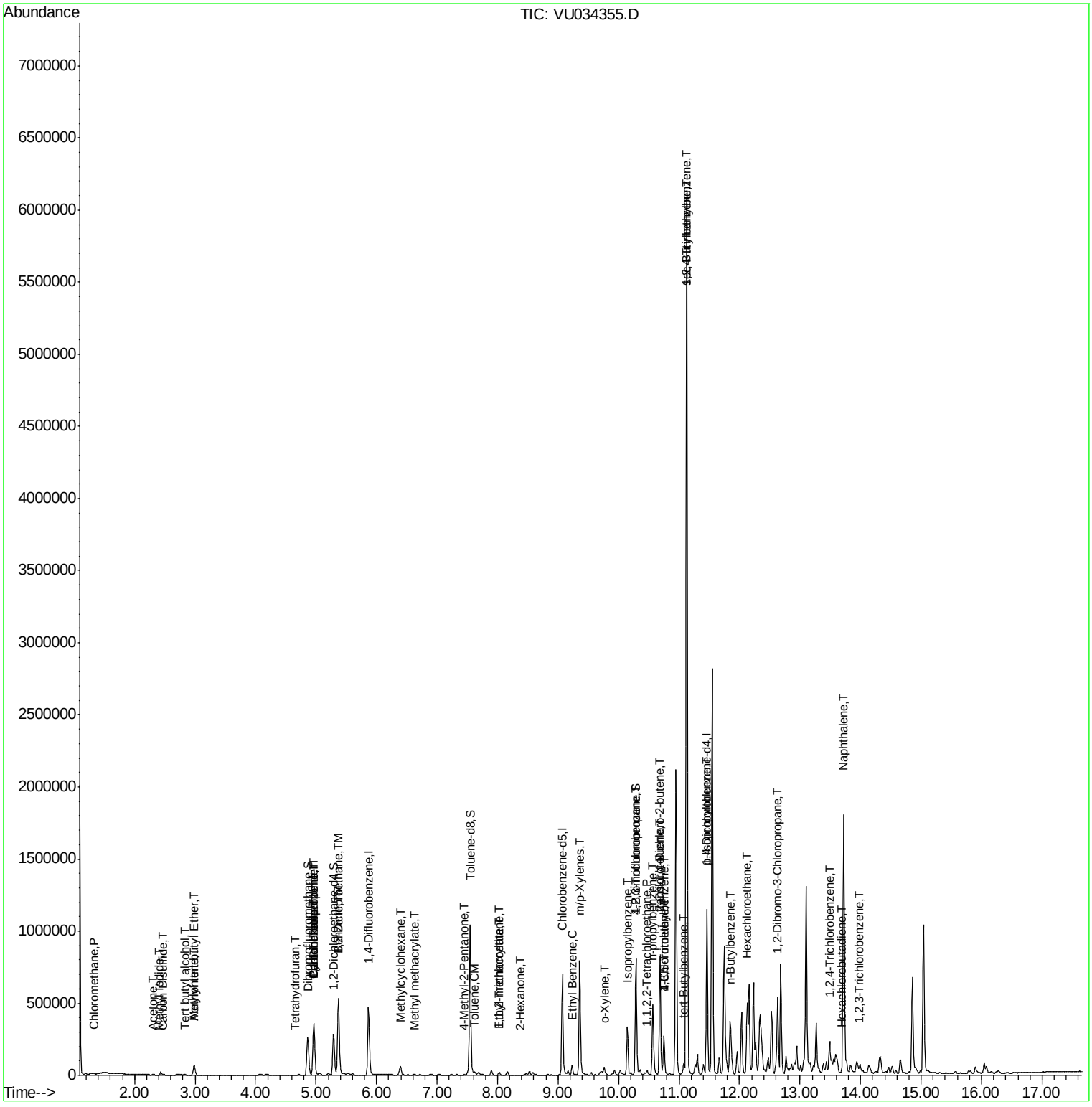
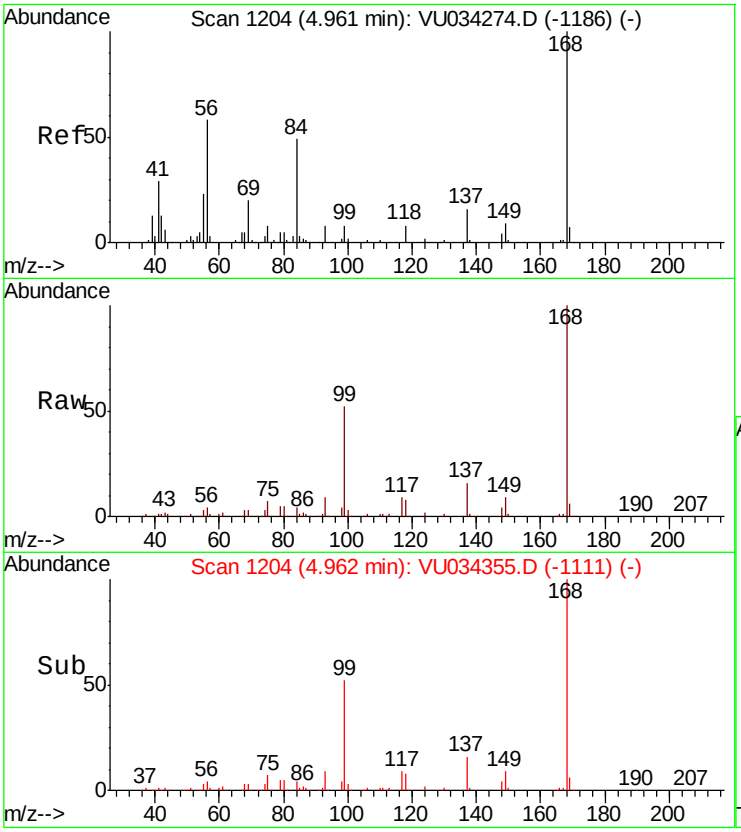
Response via : Initial Calibration



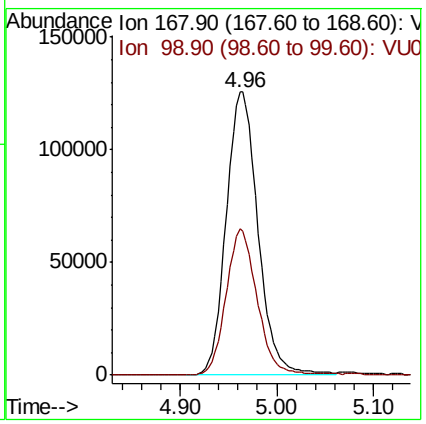


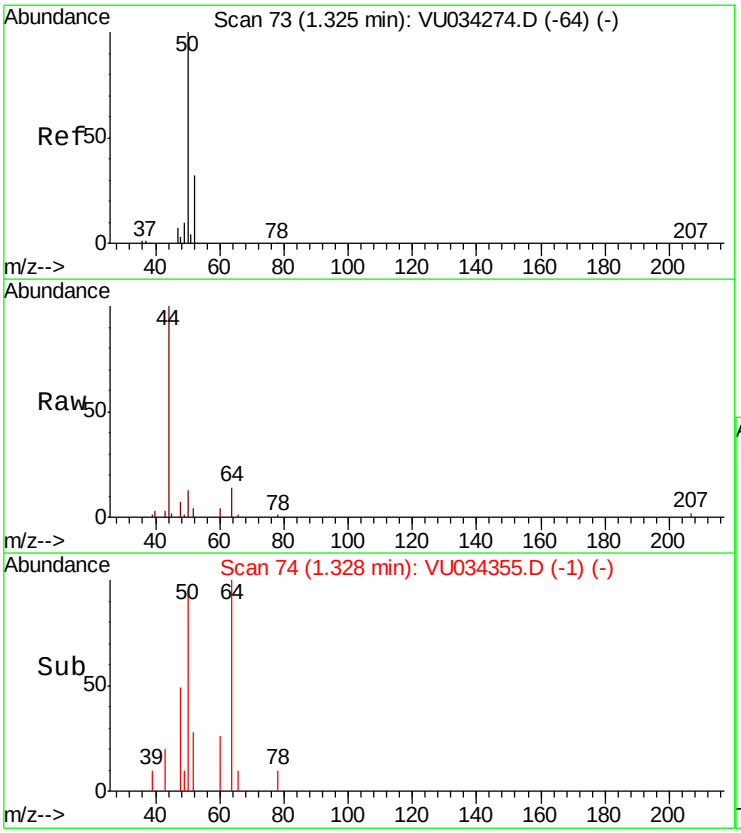
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion:168 Resp: 287190

Ion	Ratio	Lower	Upper
168	100		
99	51.5	41.6	62.4

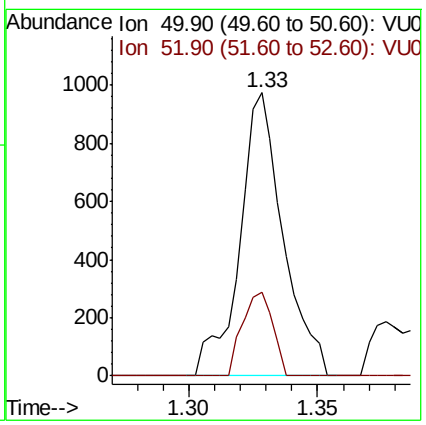


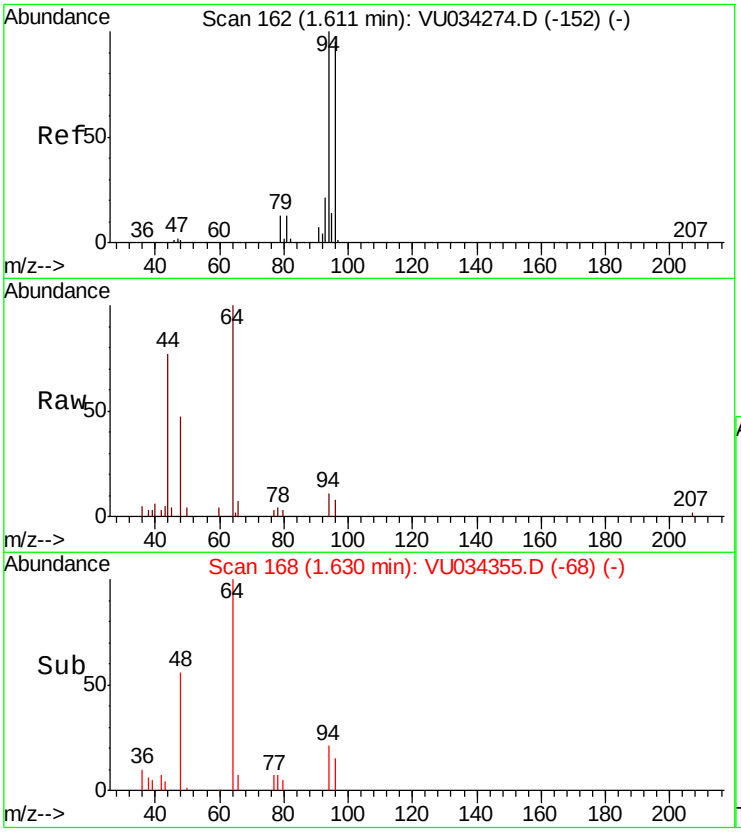


#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 50 Resp: 1151

Ion	Ratio	Lower	Upper
50	100		
52	29.4	25.8	38.6



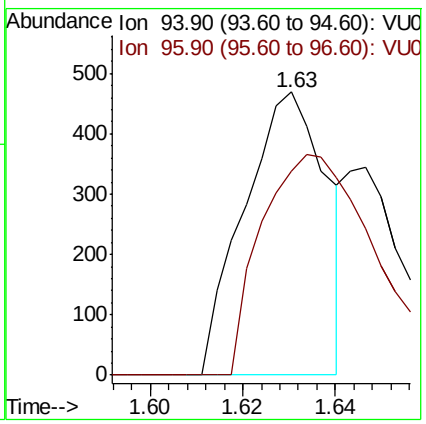


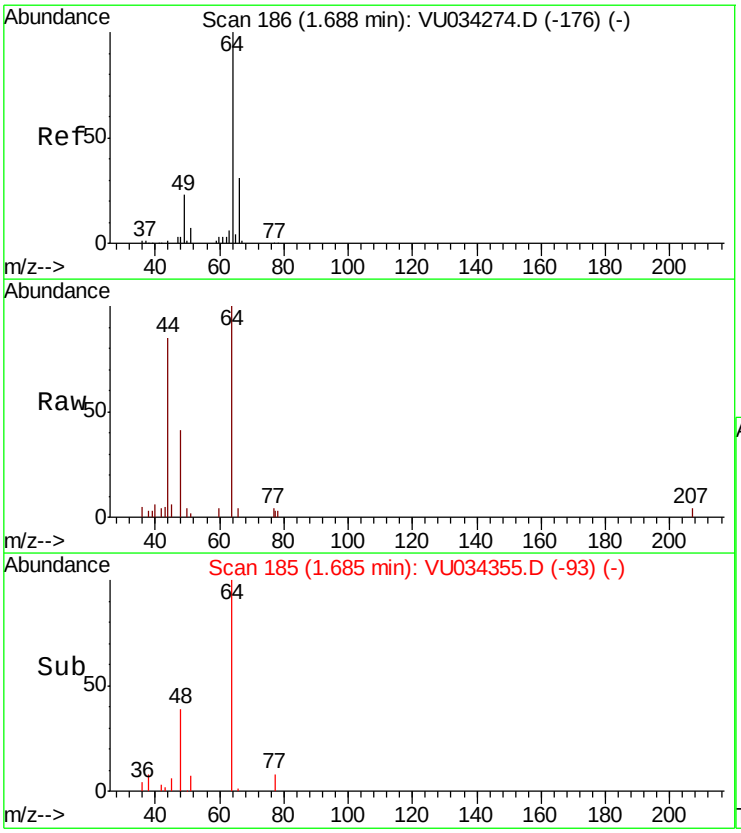
#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 168
Delta R.T. 0.02 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 94 Resp: 577

Ion	Ratio	Lower	Upper
94	100		
96	72.1	75.7	113.5#

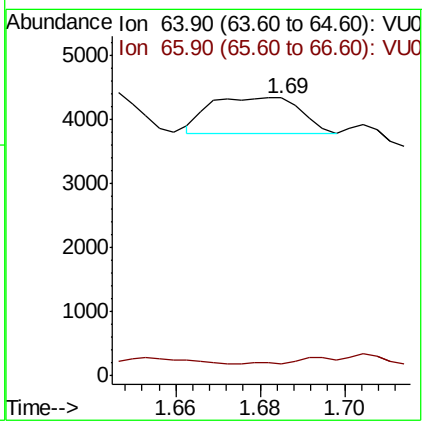


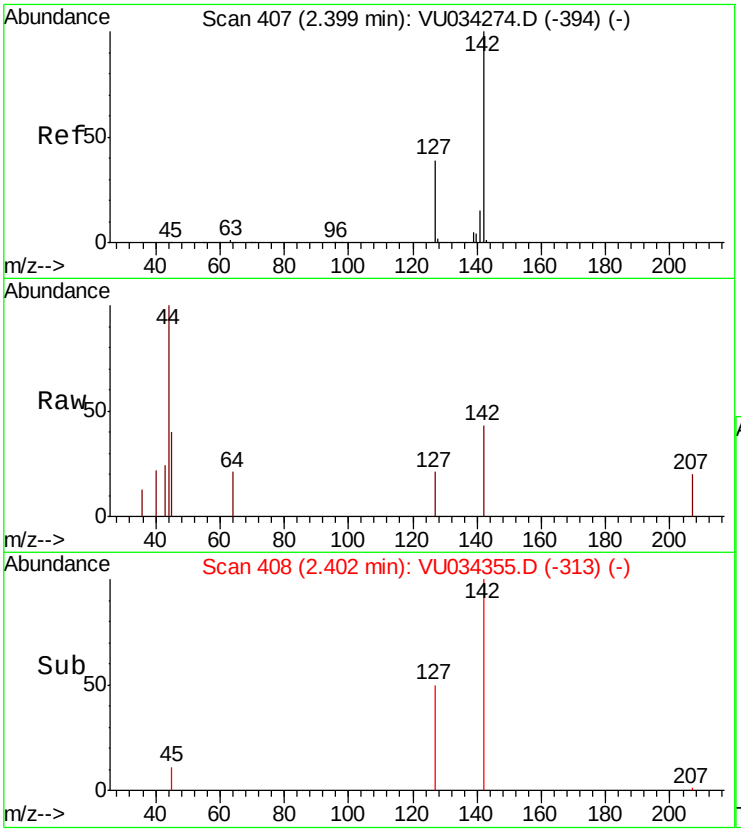


#6
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 185
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 64 Resp: 826

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#



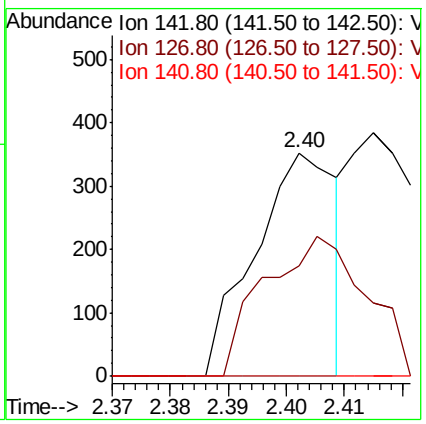


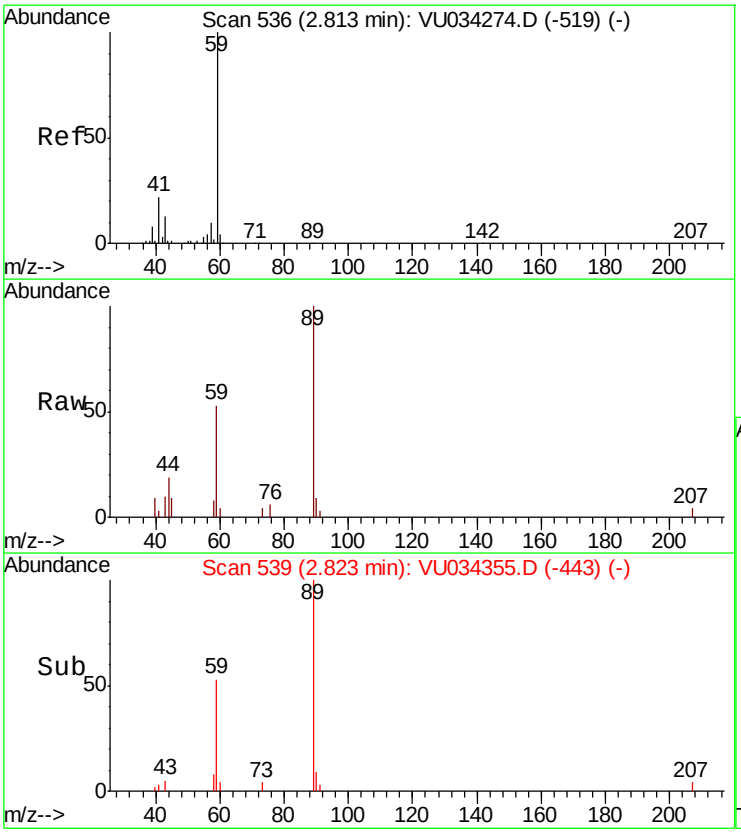
#10
Methyl Iodide
Concen: 3.951 ug/l
RT: 2.40 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion:142 Resp: 344

Ion	Ratio	Lower	Upper
142	100		
127	78.2	32.1	48.1#
141	0.0	11.5	17.3#

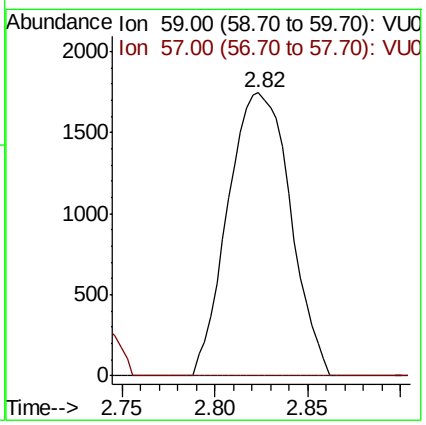


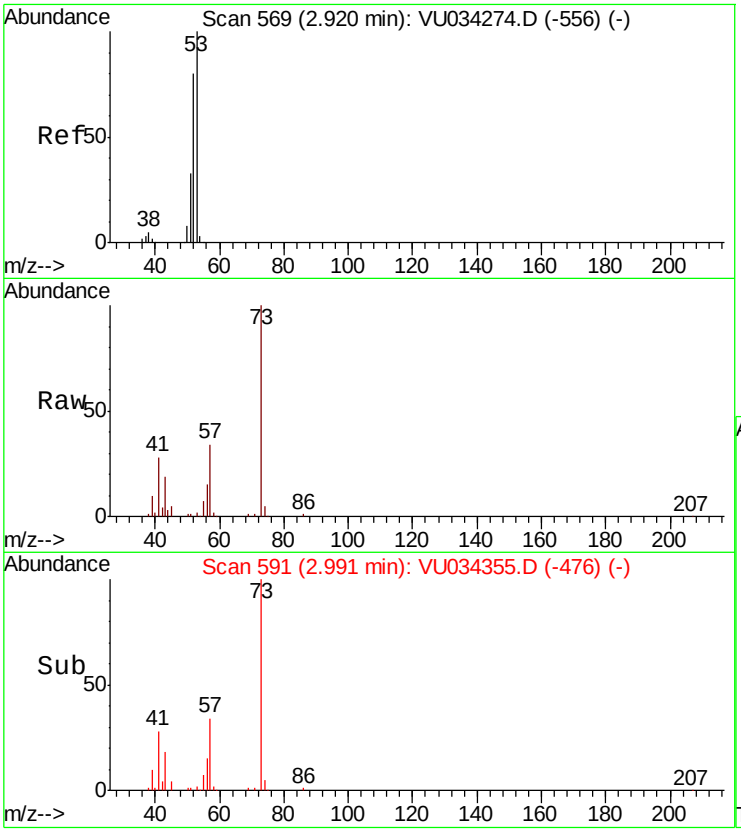


#11
Tert butyl alcohol
Concen: 4.444 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.01 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 59 Resp: 4080

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



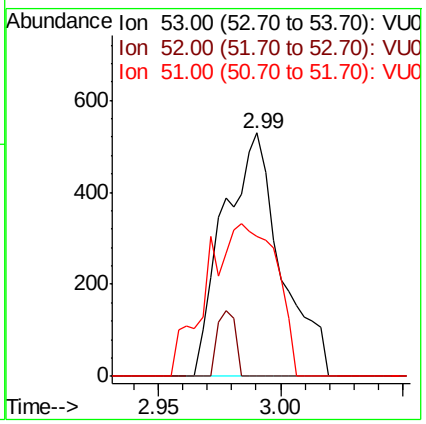


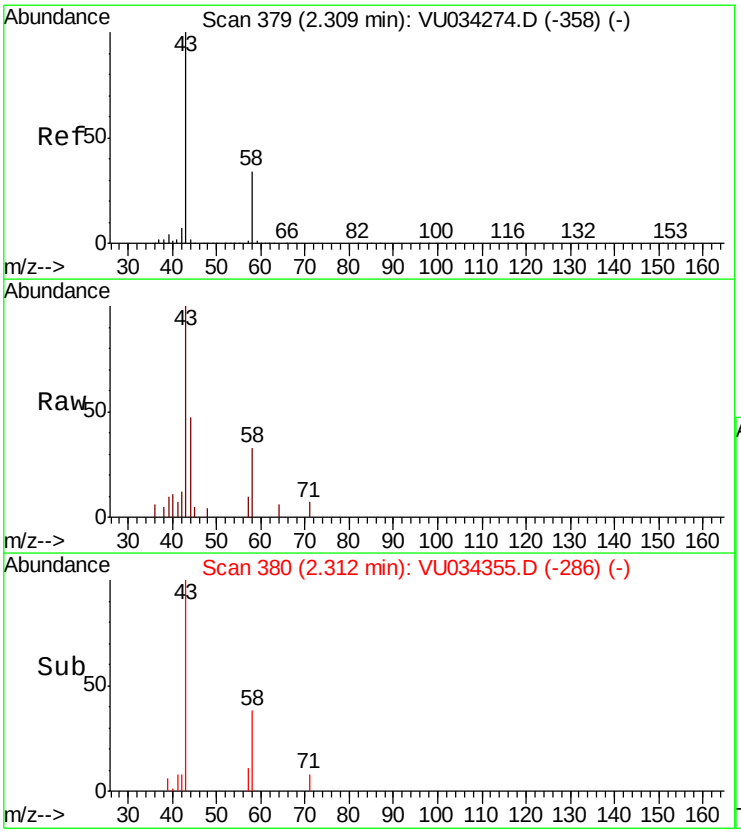
#15
Acrylonitrile
Concen: 0.378 ug/l
RT: 2.99 min Scan# 591
Delta R.T. 0.07 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 53 Resp: 864

Ion	Ratio	Lower	Upper
53	100		
52	8.7	64.1	96.1#
51	76.2	27.4	41.0#

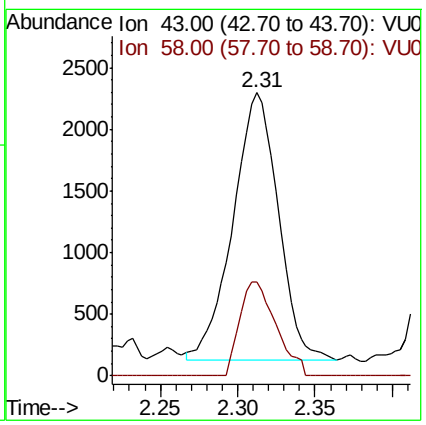


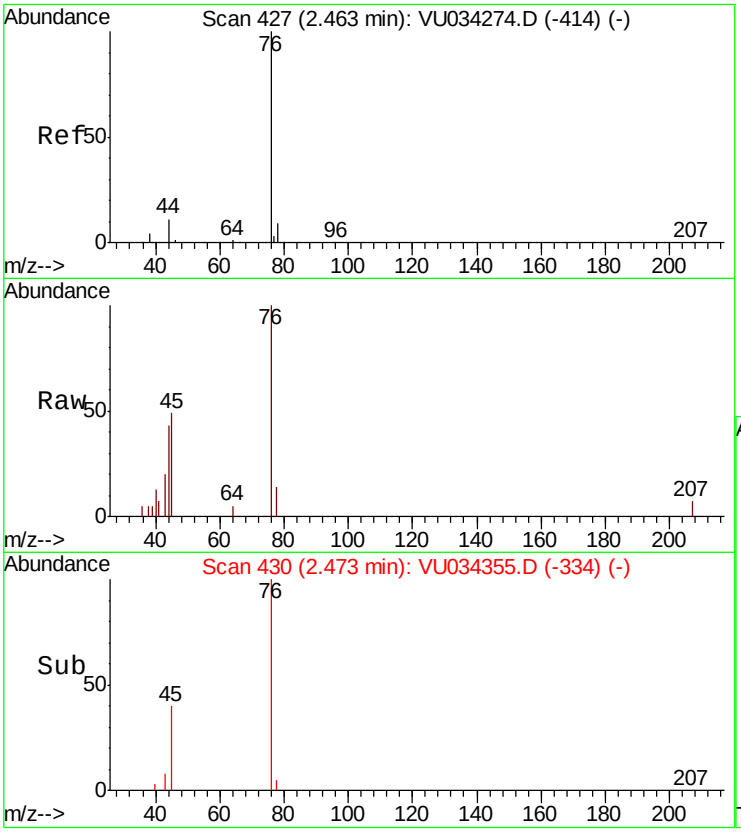


#16
Acetone
Concen: 1.957 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 43 Resp: 4400

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.6	41.4



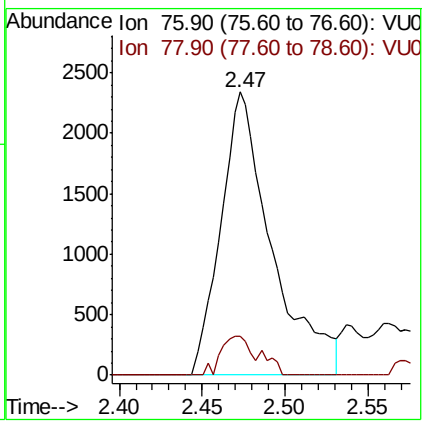


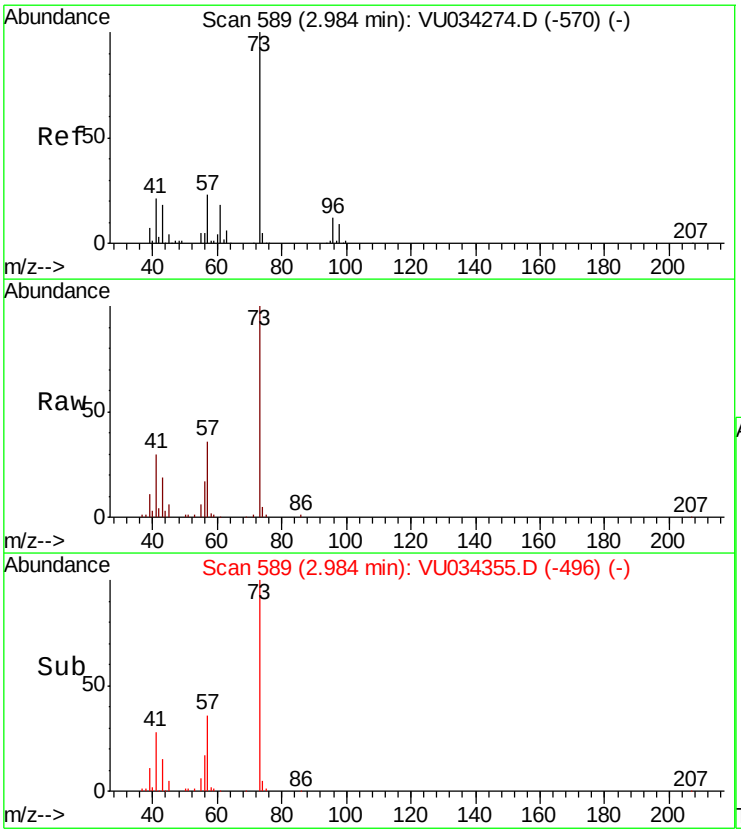
#17
Carbon Disulfide
Concen: 0.713 ug/l
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 76 Resp: 5006

Ion	Ratio	Lower	Upper
76	100		
78	14.0	7.2	10.8#

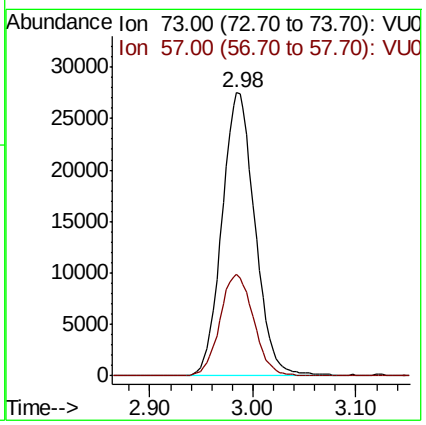


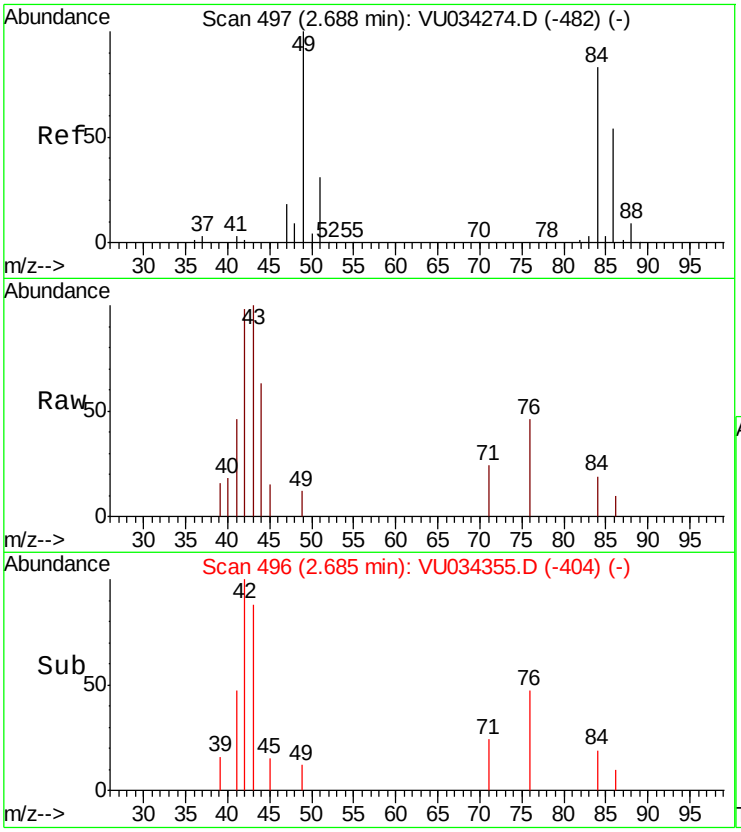


#19
Methyl tert-butyl Ether
Concen: 5.371 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 73 Resp: 61168

Ion	Ratio	Lower	Upper
73	100		
57	35.8	18.2	27.4#



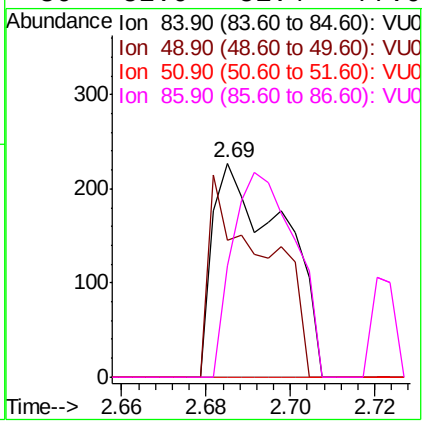


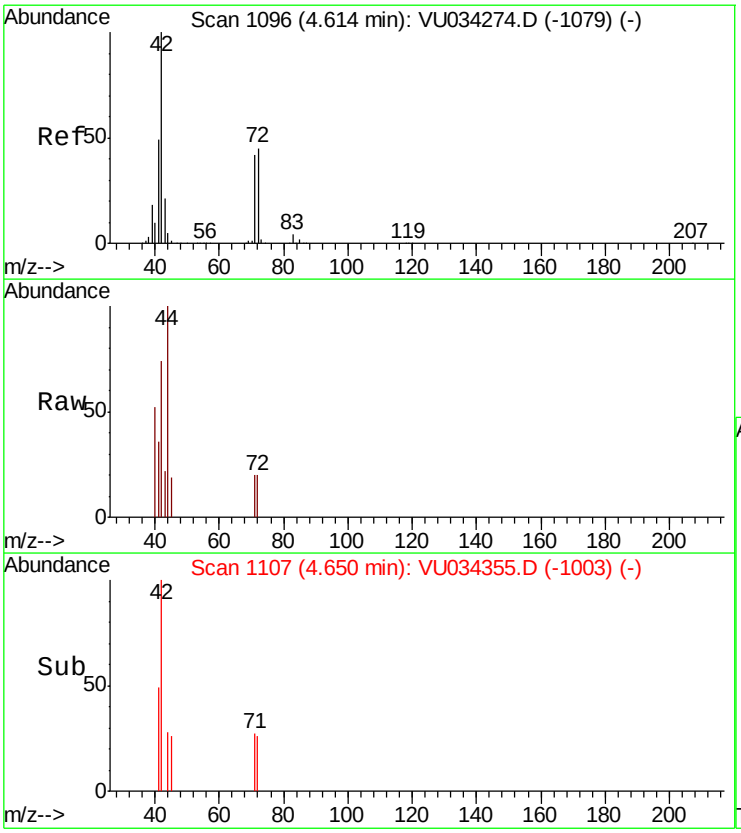
#20
Methylene Chloride
Concen: Below Cal
RT: 2.69 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument : MSVOA_U
ClientSampleId : S13-0274

Tgt Ion: 84 Resp: 260

Ion	Ratio	Lower	Upper
84	100		
49	63.9	96.0	144.0#
51	0.0	30.0	45.0#
86	52.0	51.4	77.0

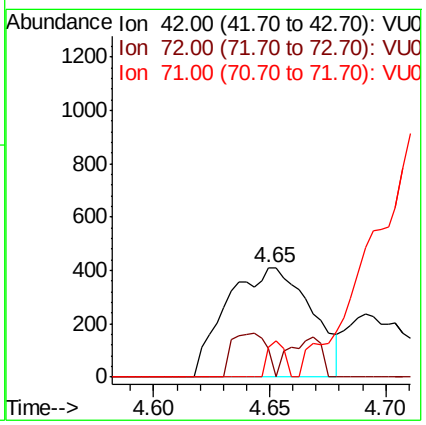


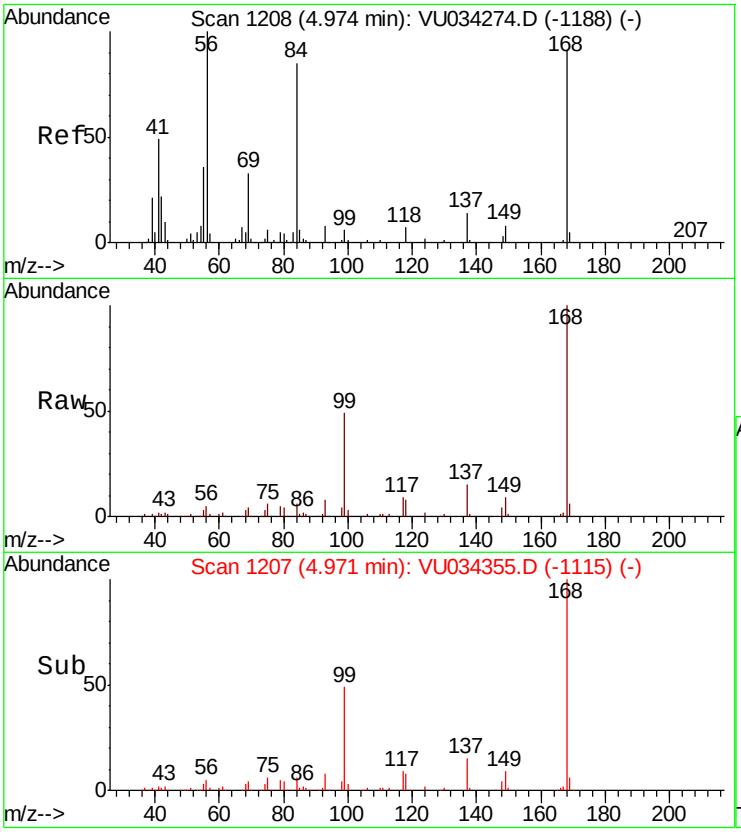


#29
Tetrahydrofuran
Concen: 0.572 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.04 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 42 Resp: 1045

Ion	Ratio	Lower	Upper
42	100		
72	16.3	36.6	54.8#
71	0.0	34.3	51.5#



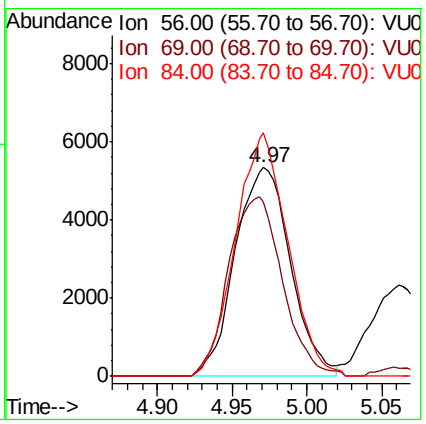


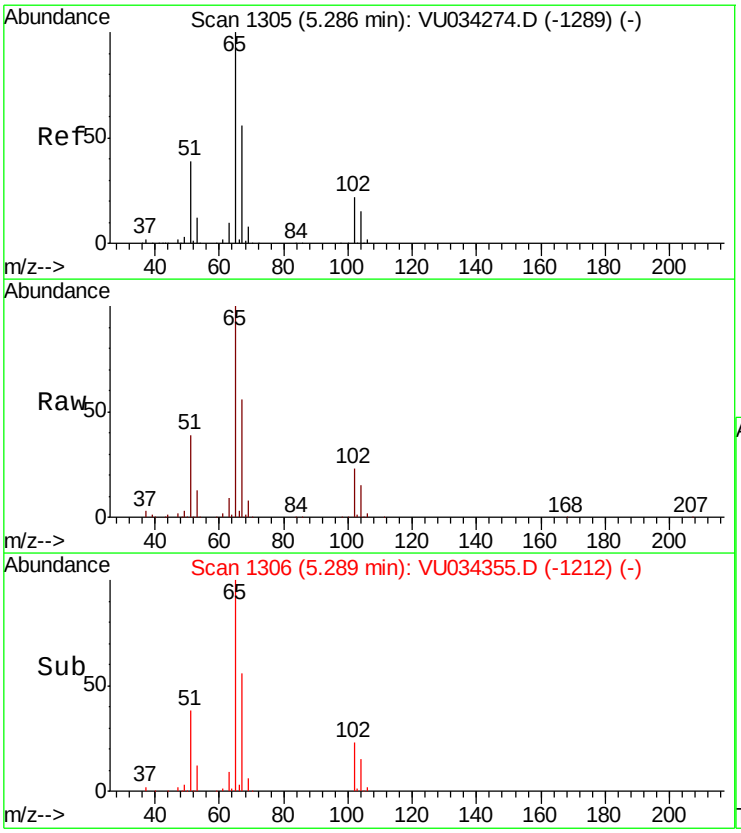
#31
Cyclohexane
Concen: 2.705 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 56 Resp: 13766

Ion	Ratio	Lower	Upper
56	100		
69	83.8	26.7	40.1#
84	116.7	68.2	102.4#

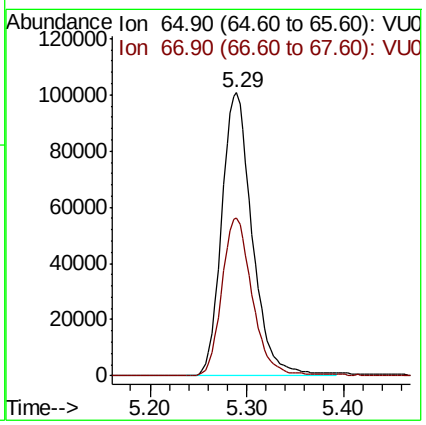


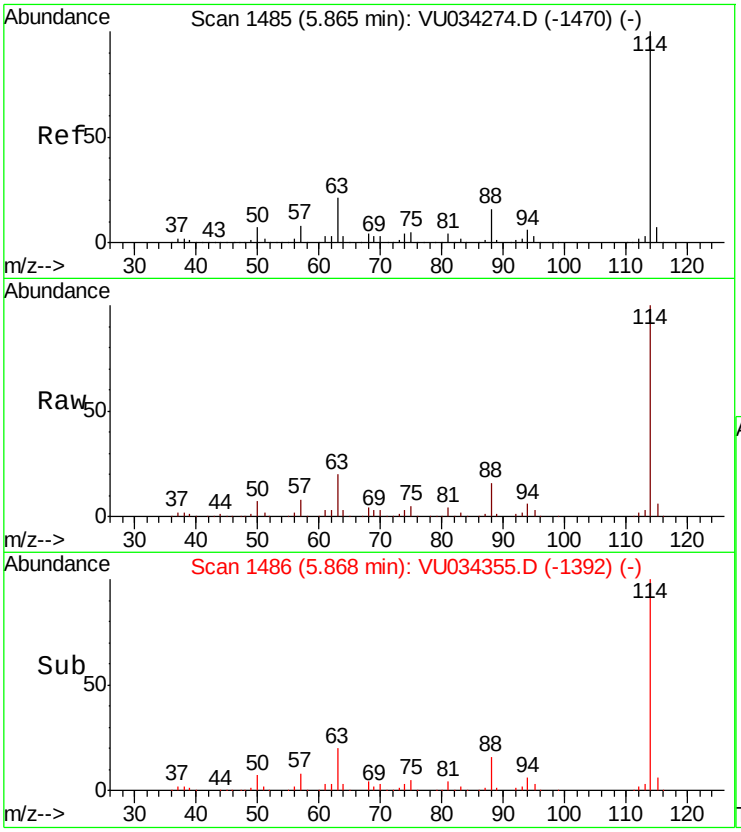


#33
1,2-Dichloroethane-d4
Concen: 50.911 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 65 Resp: 221222

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	112.4



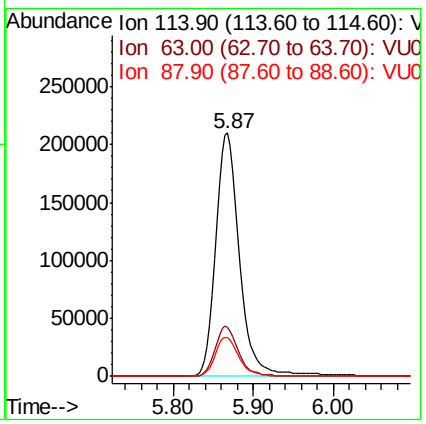


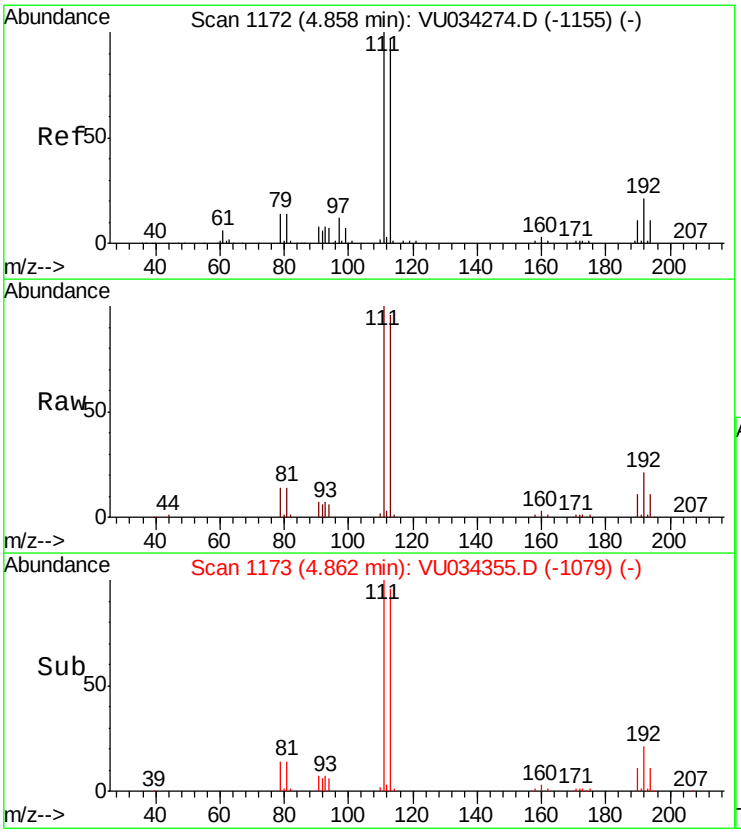
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion:114 Resp: 434779

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	16.0	0.0	32.4

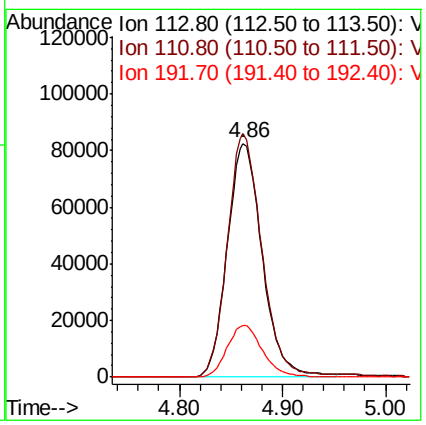


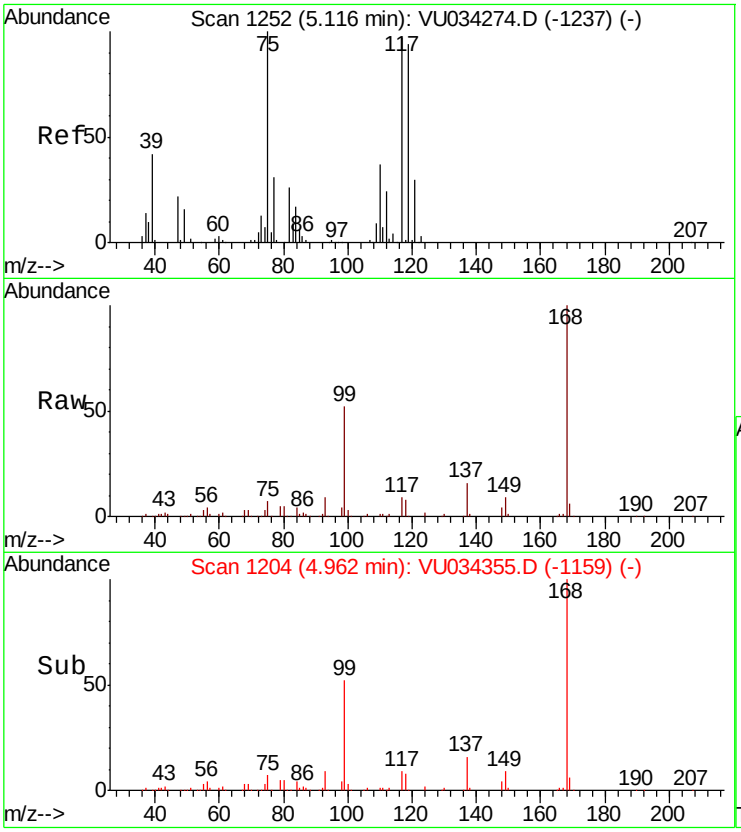


#35
Dibromofluoromethane
Concen: 48.298 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:113 Resp: 195395

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.5	122.3
192	22.5	17.8	26.8



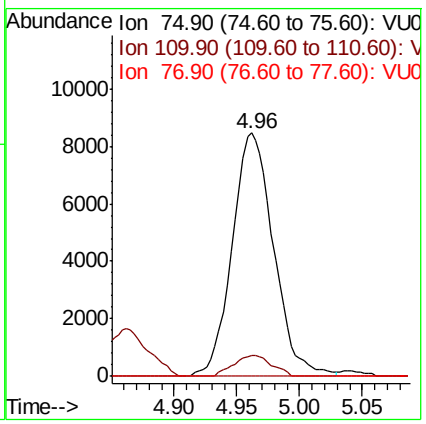


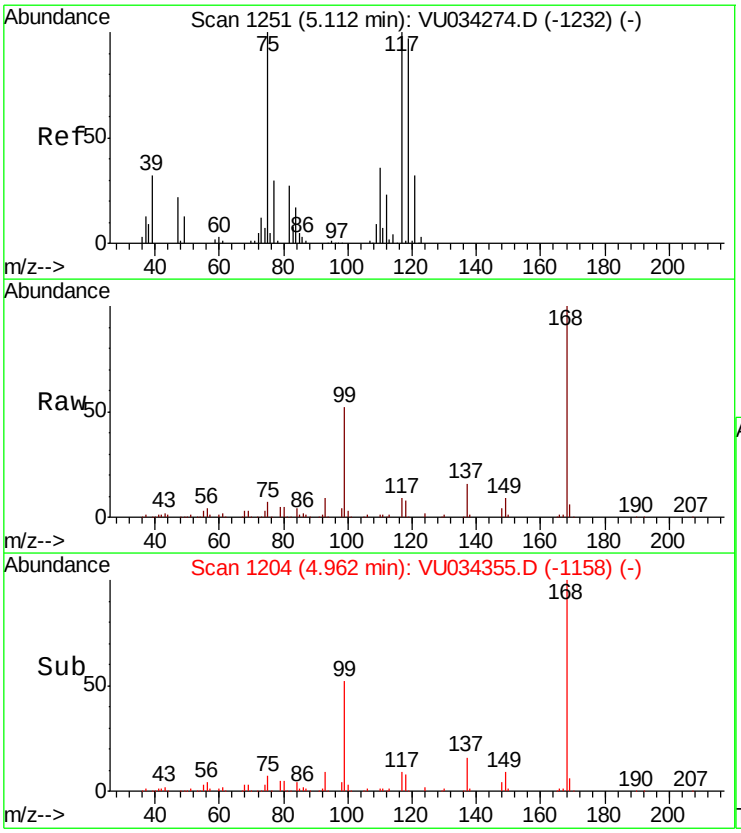
#36
1,1-Dichloropropene
Concen: 4.111 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 75 Resp: 19385

Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.3	54.9#
77	0.0	24.9	37.3#

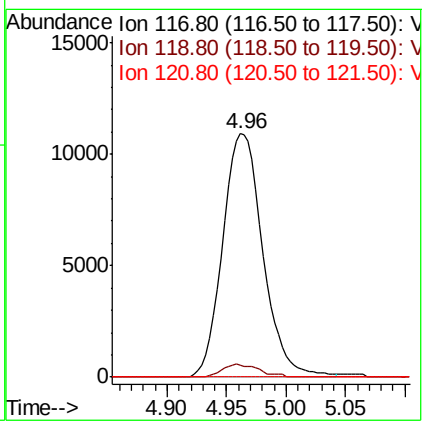


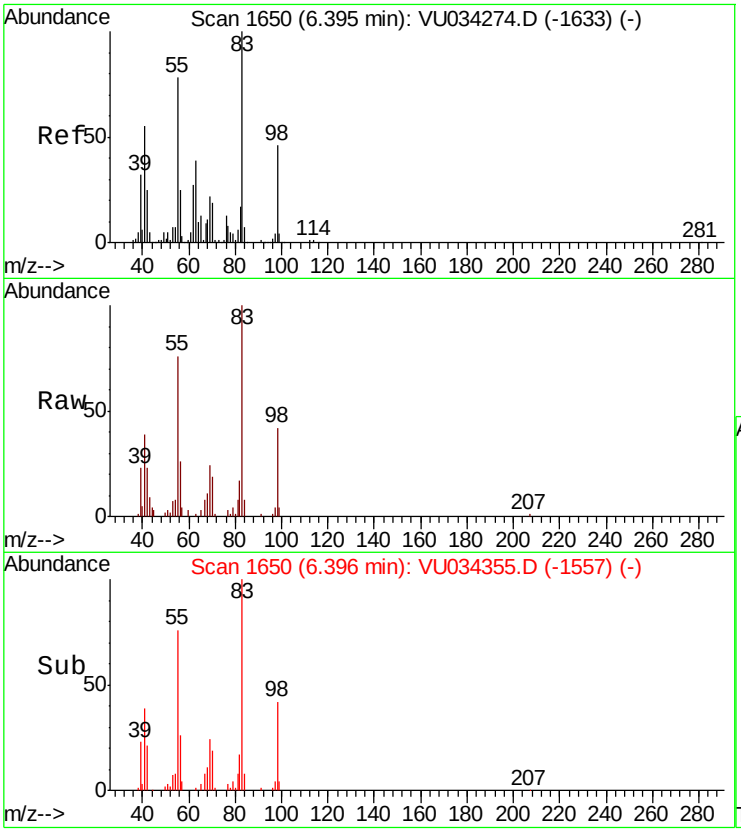


#38
Carbon Tetrachloride
Concen: 5.072 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:117 Resp: 25535

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.8	116.6#
121	0.0	25.2	37.8#



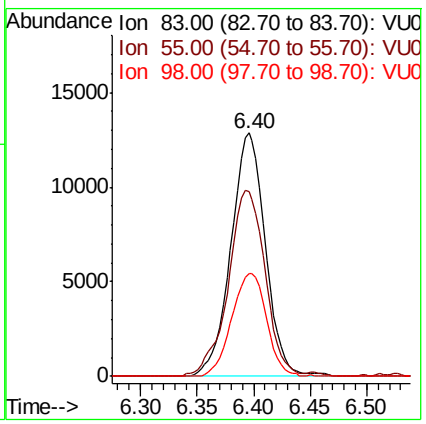


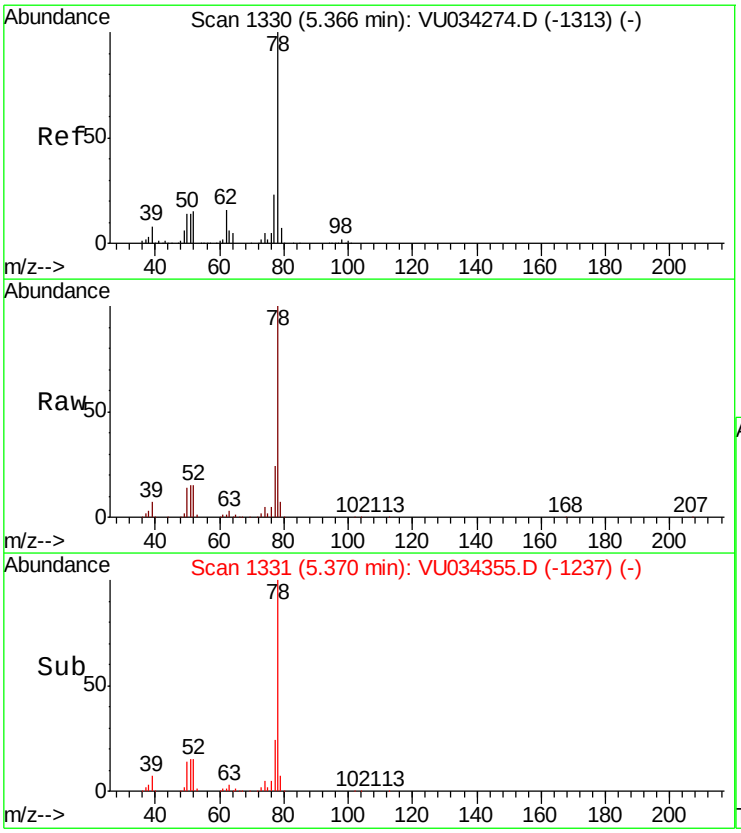
#39
Methylcyclohexane
Concen: 5.422 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 83 Resp: 27328

Ion	Ratio	Lower	Upper
83	100		
55	76.1	62.1	93.1
98	42.0	37.0	55.6

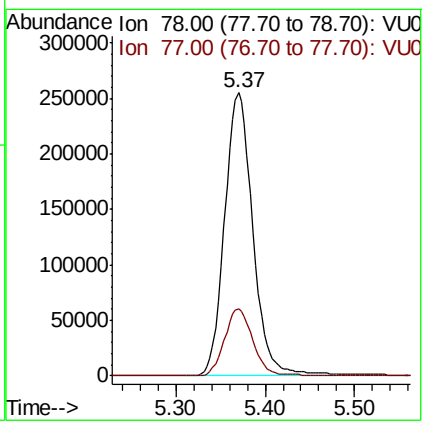


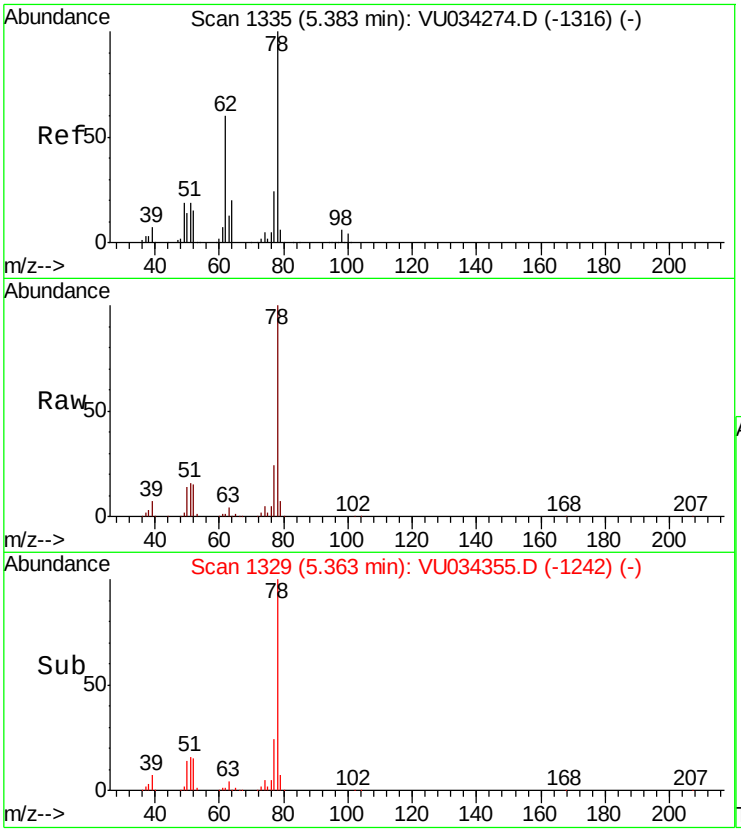


#40
Benzene
Concen: 36.844 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 78 Resp: 560576

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1



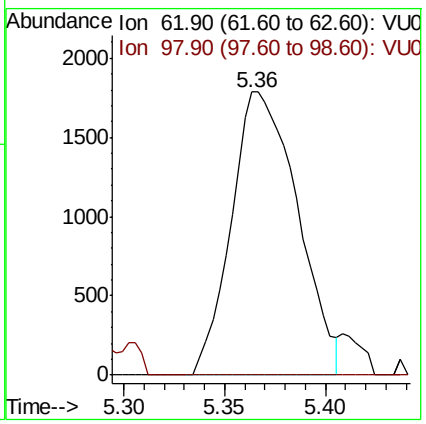


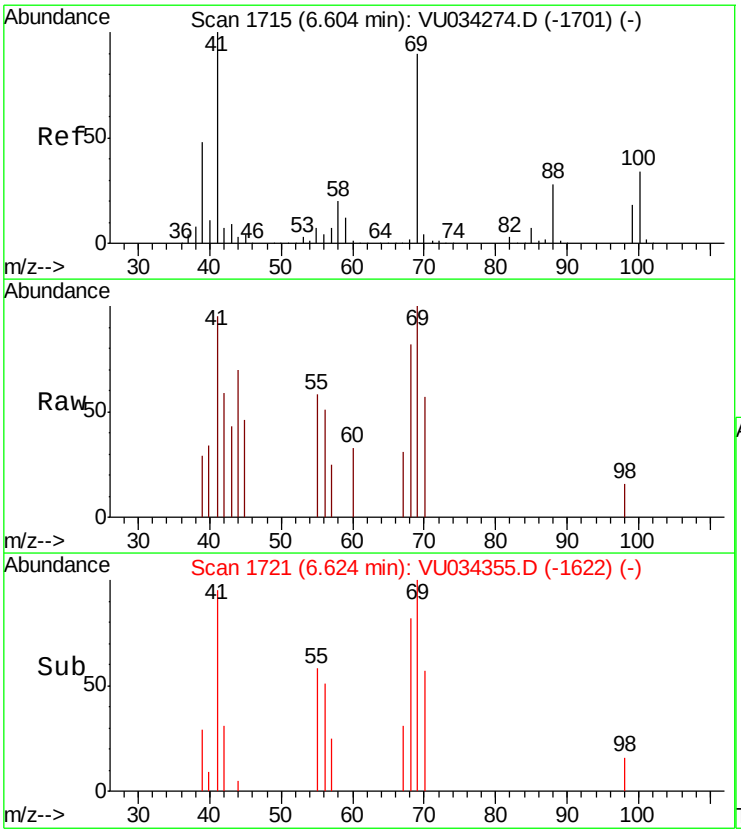
#42
1,2-Dichloroethane
Concen: 0.775 ug/l
RT: 5.36 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 62 Resp: 4096

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.0

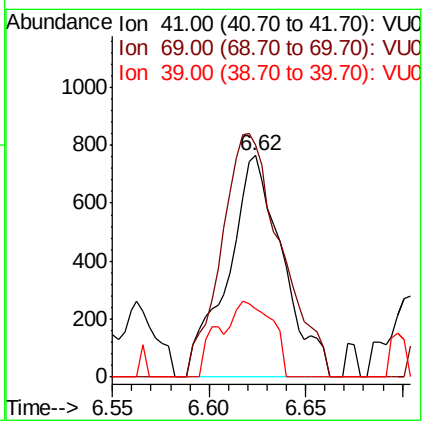


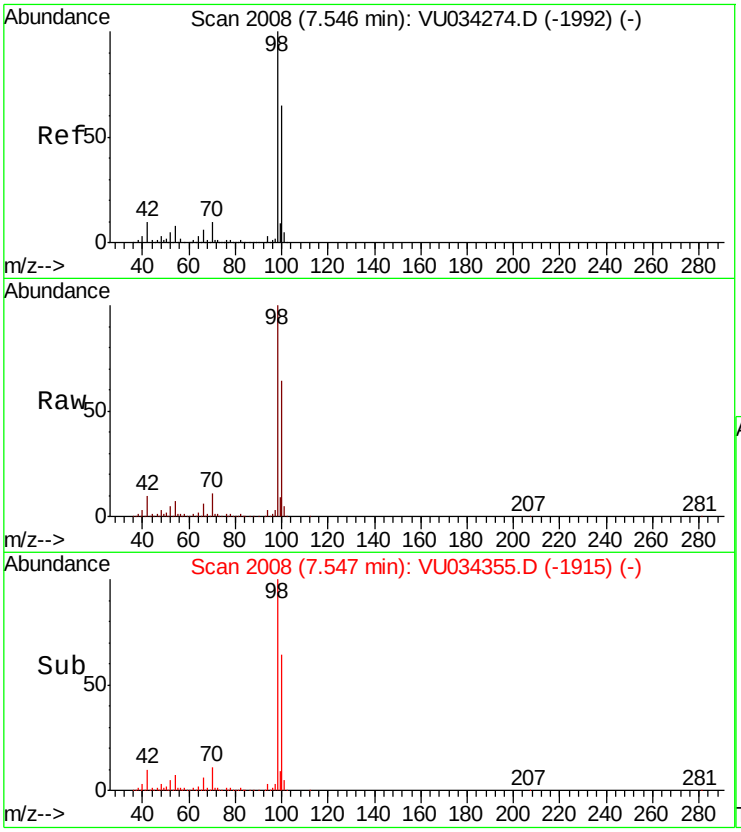


#48
Methyl methacrylate
Concen: 0.364 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. 0.02 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 41 Resp: 1503

Ion	Ratio	Lower	Upper
41	100		
69	120.0	72.8	109.2#
39	32.9	38.6	58.0#



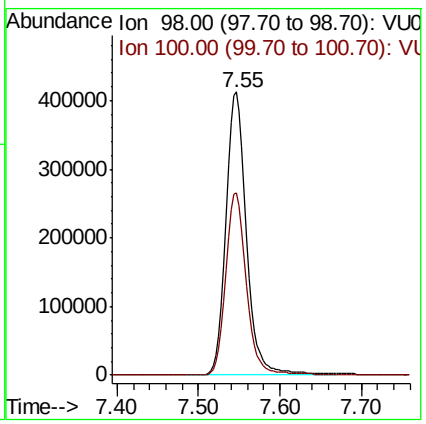


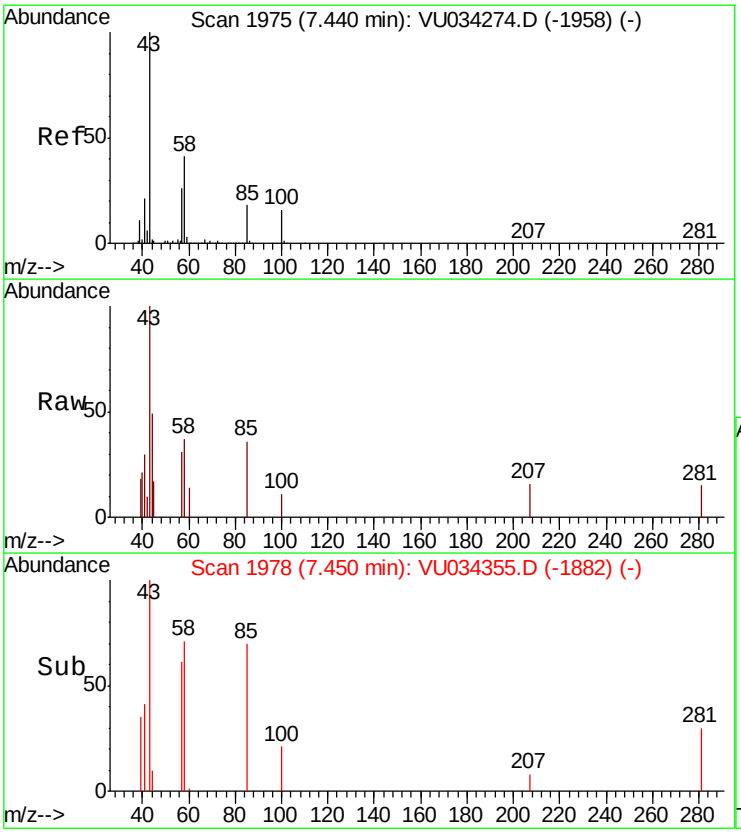
#50
Toluene-d8
Concen: 48.504 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument : MSVOA_U
ClientSampleId : S13-0274

Tgt Ion: 98 Resp: 737232

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5

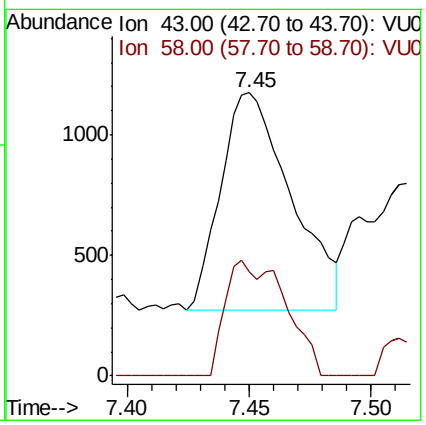


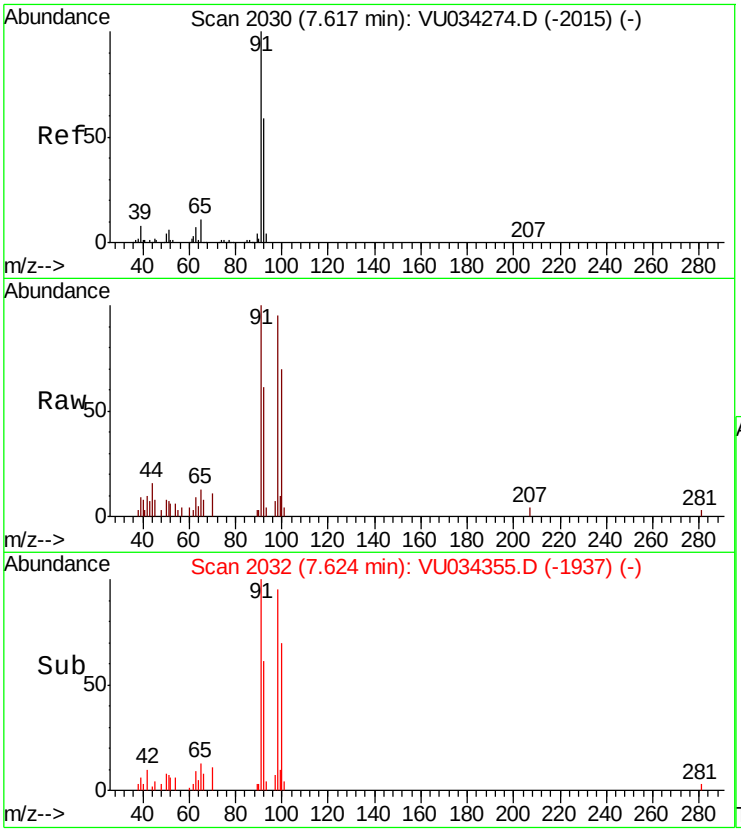


#51
4-Methyl-2-Pentanone
Concen: 0.300 ug/l
RT: 7.45 min Scan# 1978
Delta R.T. 0.01 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 43 Resp: 1806

Ion	Ratio	Lower	Upper
43	100		
58	24.3	33.0	49.4#



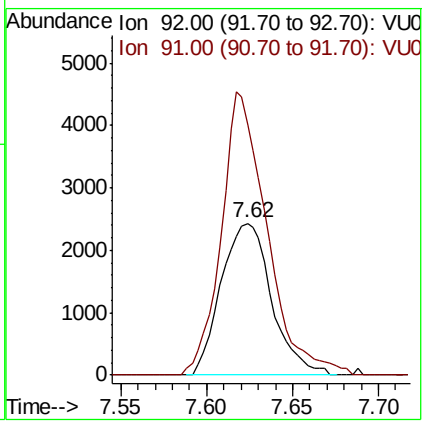


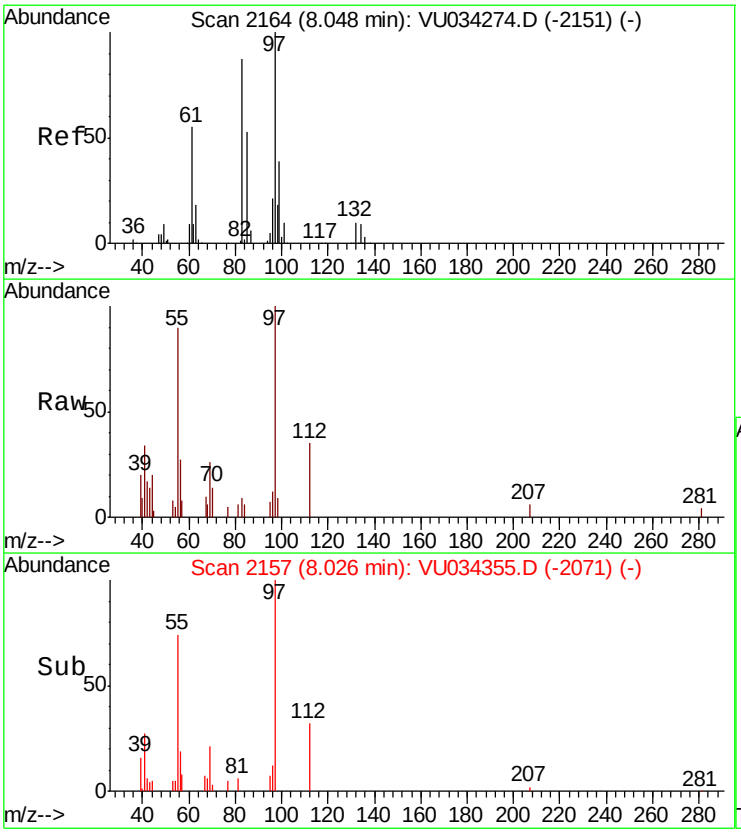
#52
Toluene
Concen: 0.523 ug/l
RT: 7.62 min Scan# 2032
Delta R.T. 0.01 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument : MSVOA_U
ClientSampleId : S13-0274

Tgt Ion: 92 Resp: 4988

Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.6	205.0

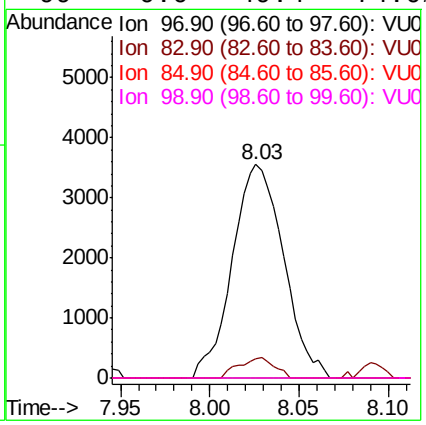


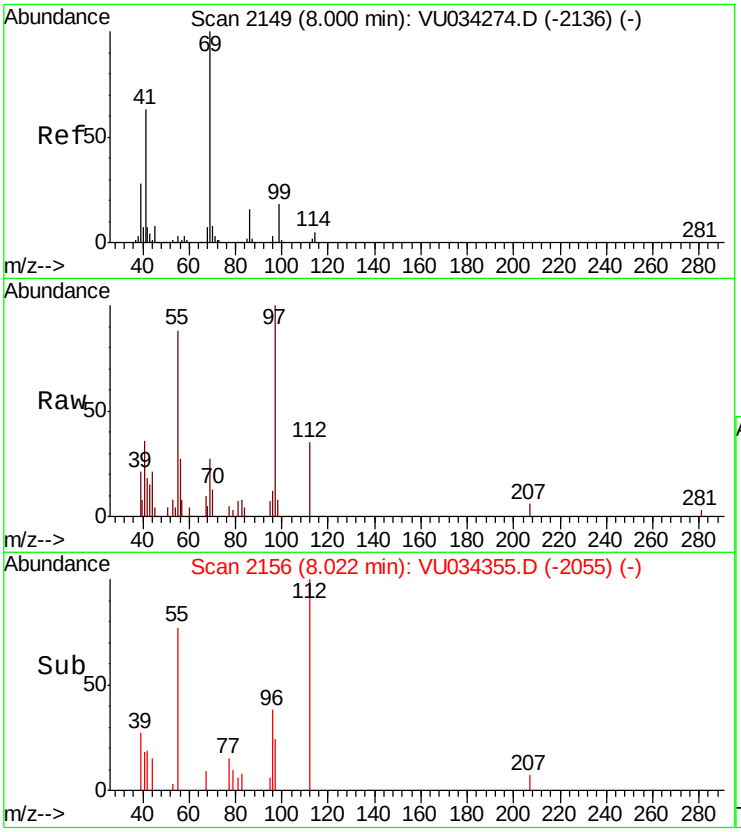


#55
1,1,2-Trichloroethane
Concen: 1.638 ug/l
RT: 8.03 min Scan# 2157
Delta R.T. -0.02 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 97 Resp: 7101

Ion	Ratio	Lower	Upper
97	100		
83	9.3	69.0	103.6#
85	0.0	44.2	66.2#
99	0.0	49.4	74.0#



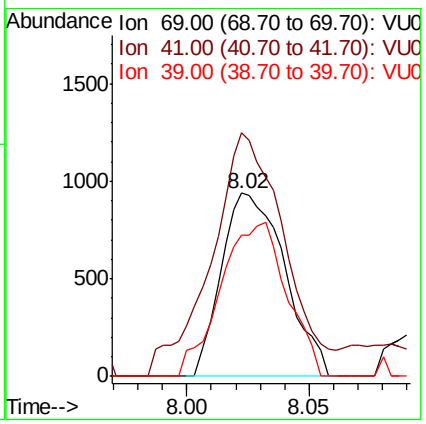


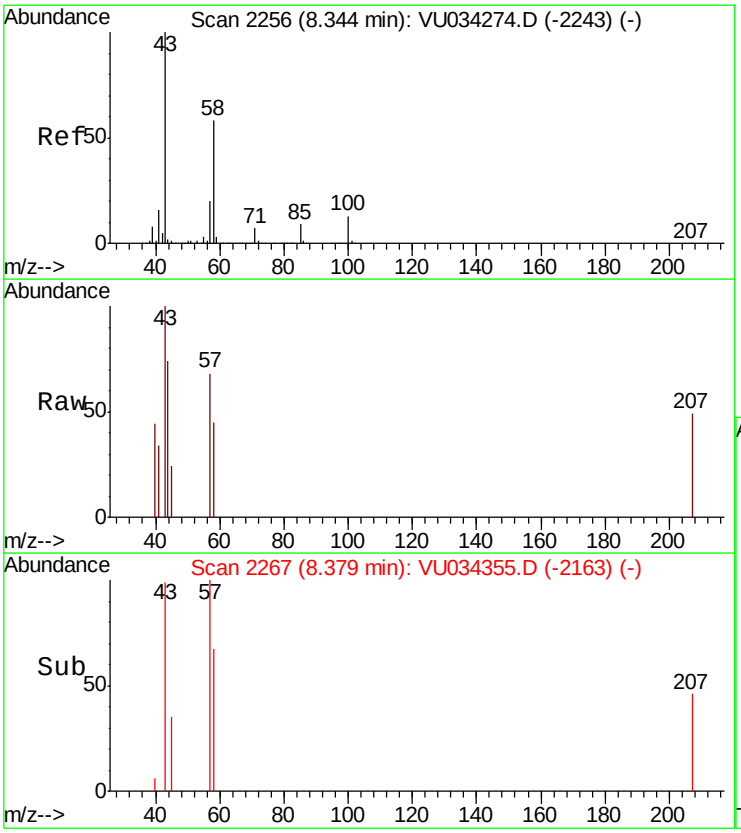
#56
Ethyl methacrylate
Concen: 3.318 ug/l
RT: 8.02 min Scan# 2156
Delta R.T. 0.02 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument : MSVOA_U
ClientSampleId : S13-0274

Tgt Ion: 69 Resp: 1692

Ion	Ratio	Lower	Upper
69	100		
41	152.8	49.5	74.3#
39	87.4	22.5	33.7#

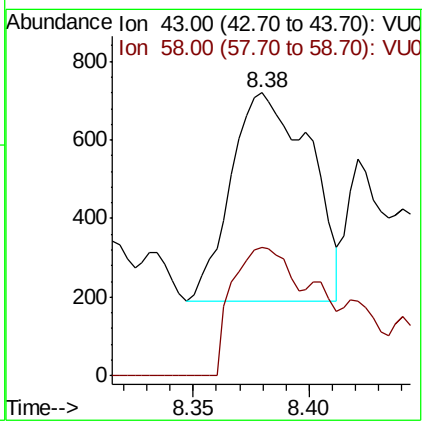


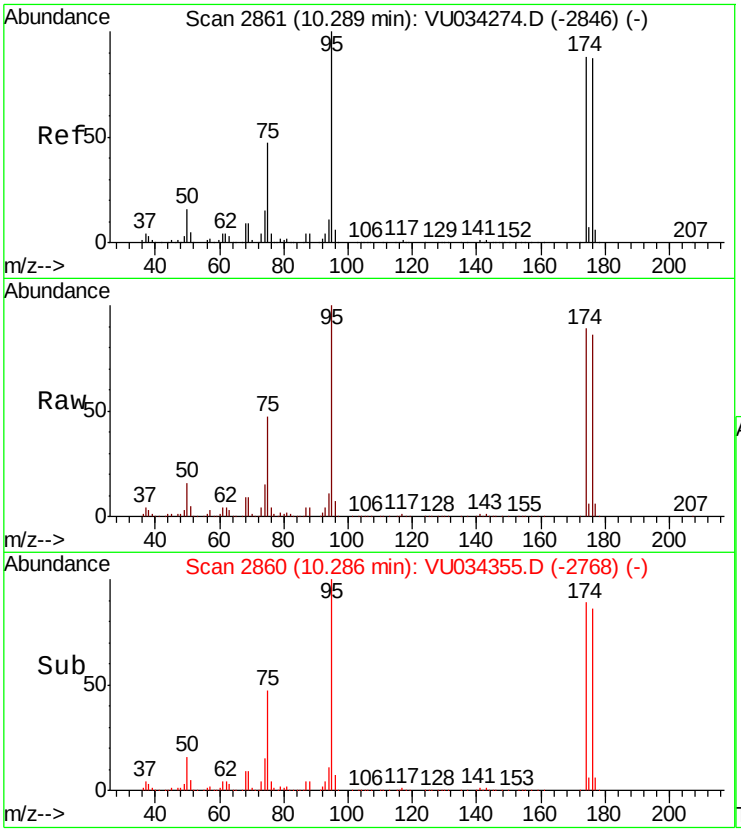


#59
2-Hexanone
Concen: 0.280 ug/l
RT: 8.38 min Scan# 2267
Delta R.T. 0.04 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 43 Resp: 1259

Ion	Ratio	Lower	Upper
43	100		
58	46.1	28.8	86.5



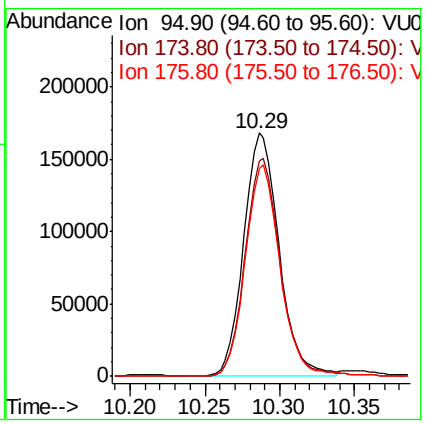


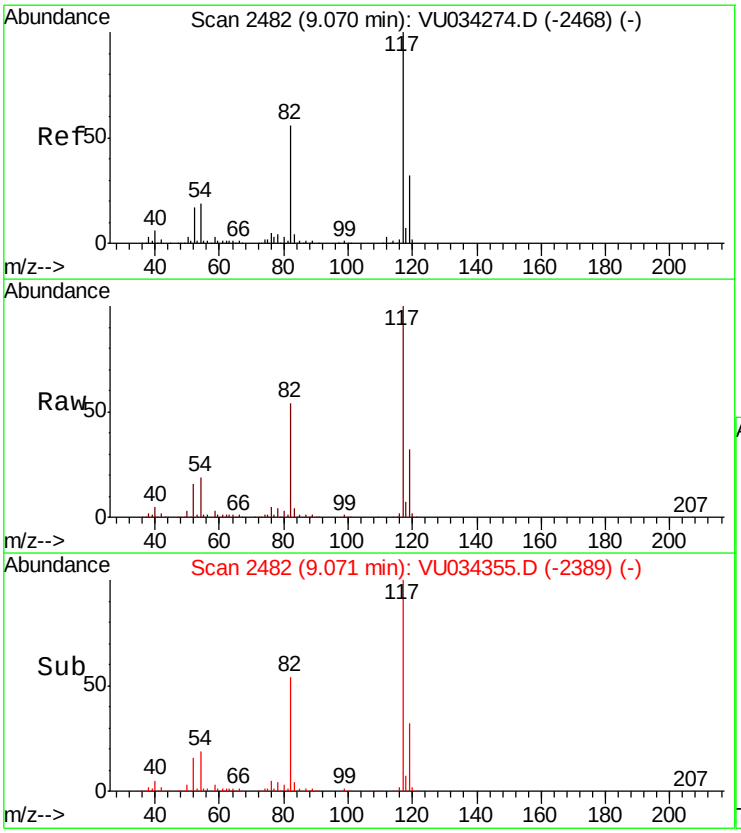
#62
4-Bromofluorobenzene
Concen: 47.104 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 95 Resp: 276427

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	175.2
176	86.4	0.0	168.0

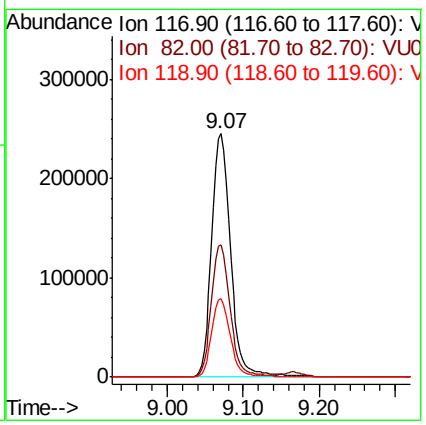


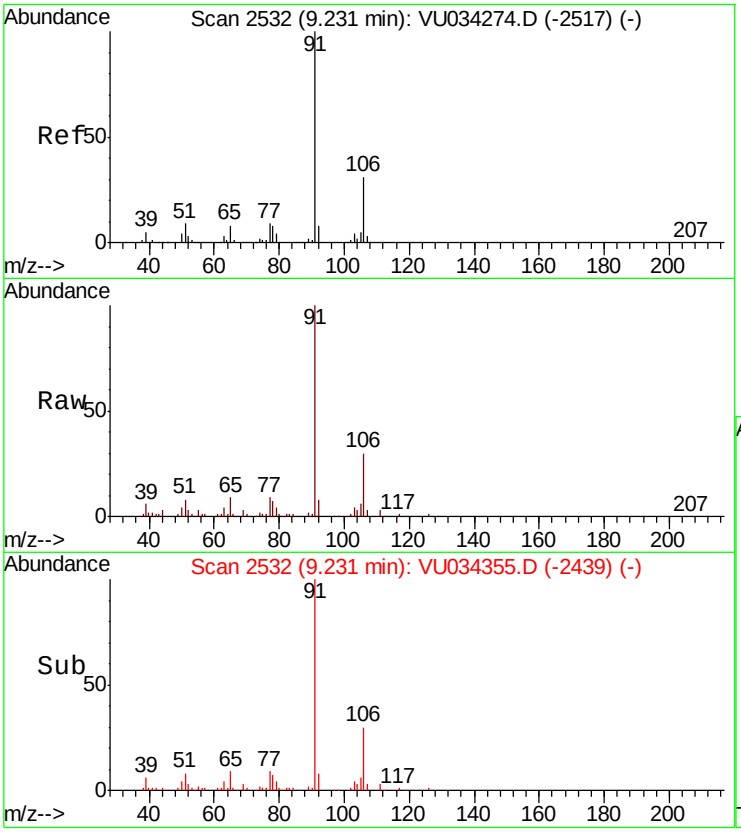


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:117 Resp: 425396

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.6	67.0
119	32.4	25.9	38.9



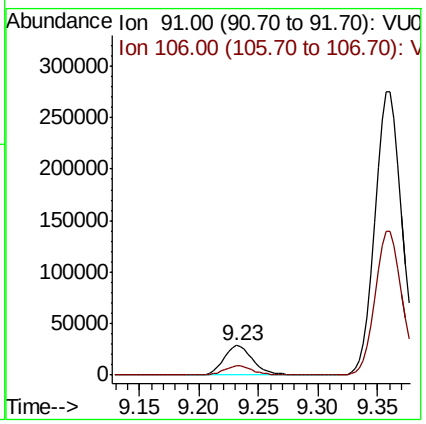


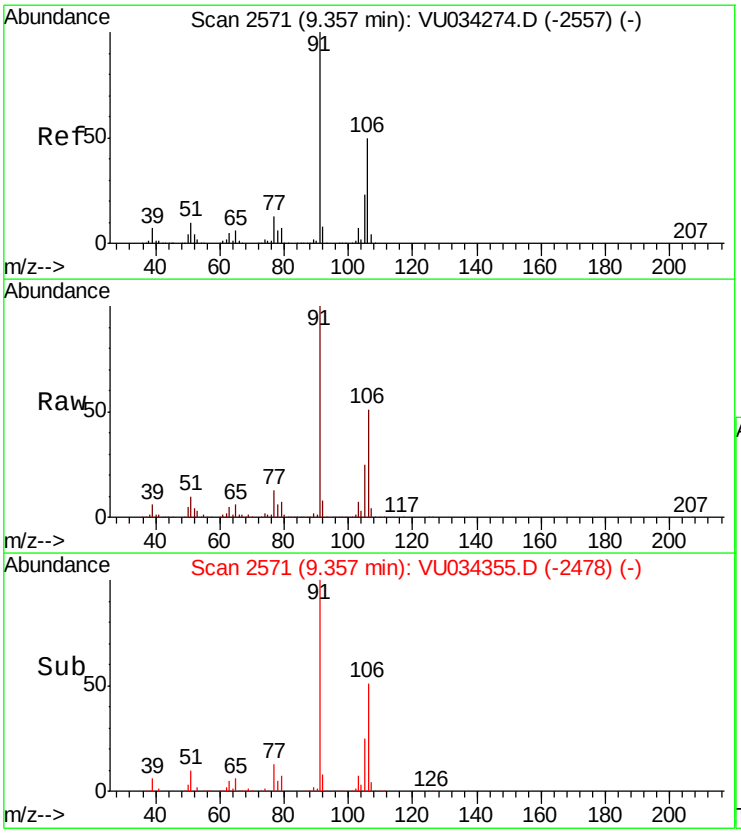
#67
Ethyl Benzene
Concen: 2.829 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 91 Resp: 49914

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.8	37.2

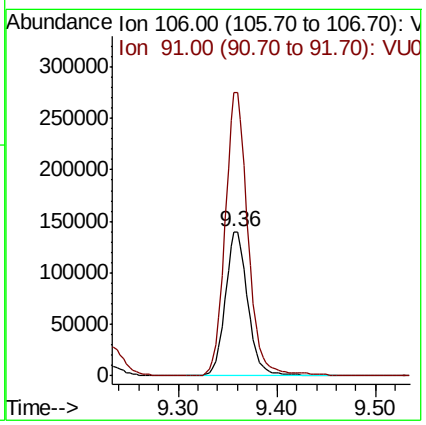


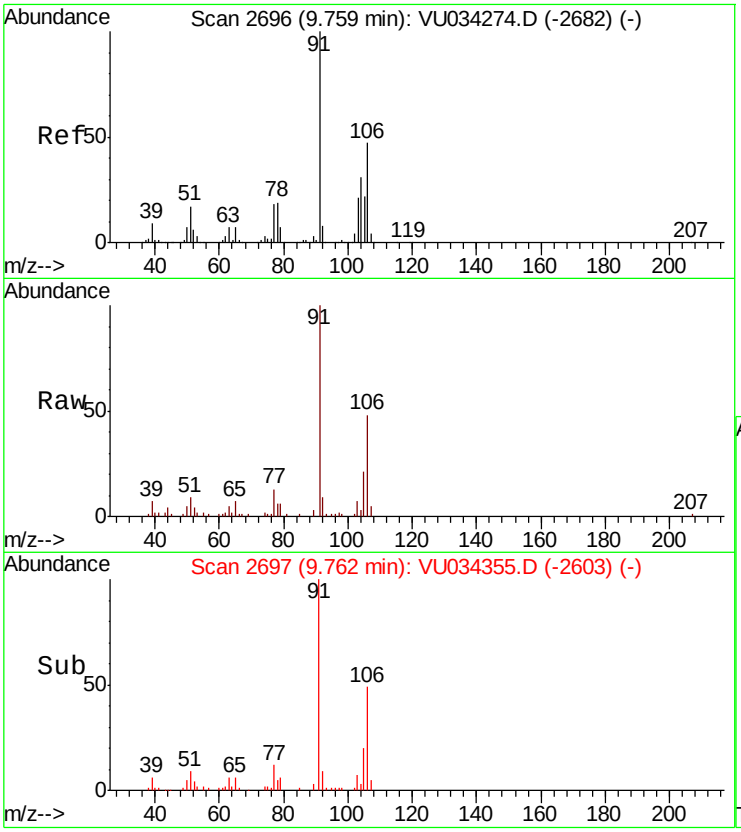


#68
m/p-Xylenes
Concen: 33.893 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:106 Resp: 225215

Ion	Ratio	Lower	Upper
106	100		
91	197.3	160.1	240.1



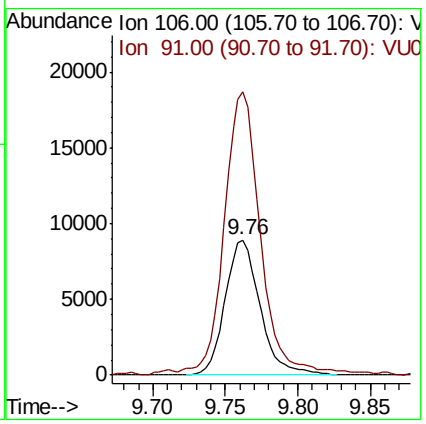


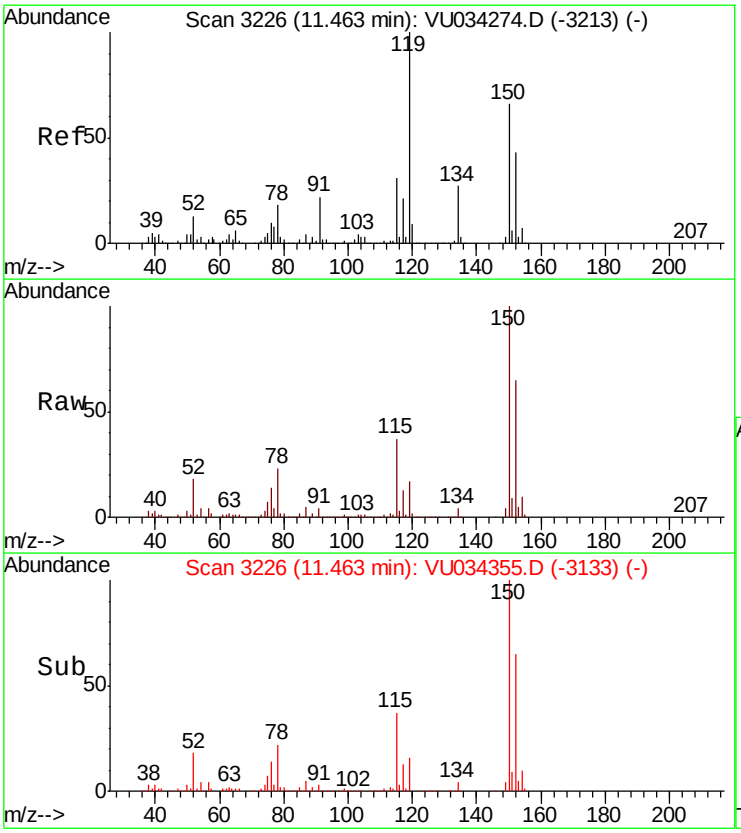
#69
o-Xylene
Concen: 2.302 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion:106 Resp: 14960

Ion	Ratio	Lower	Upper
106	100		
91	210.3	105.1	315.3

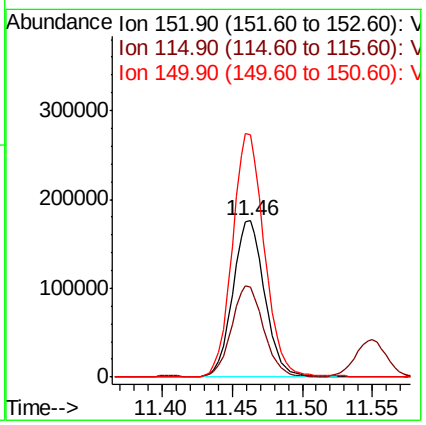


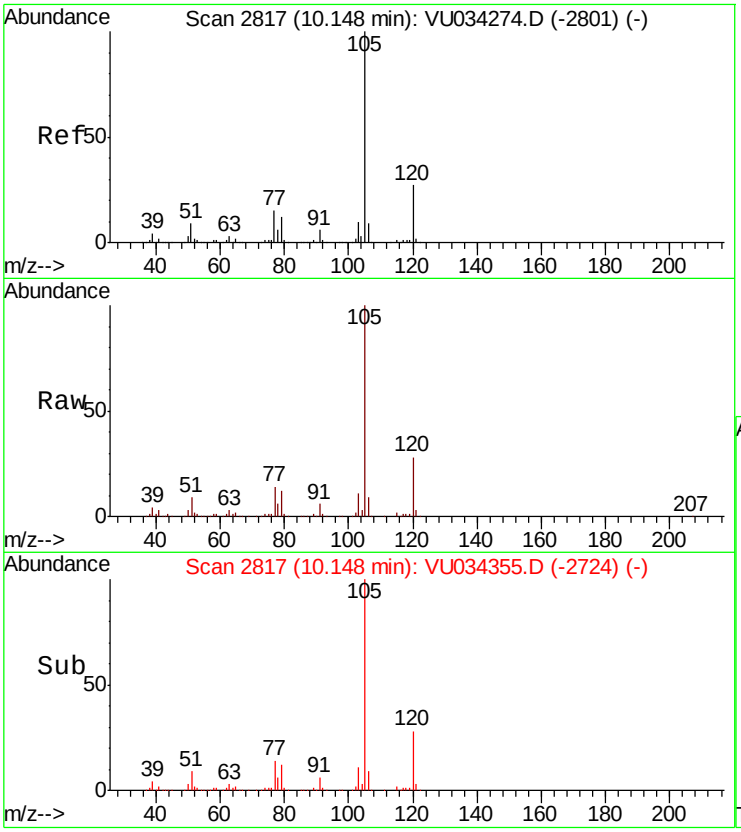


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:152 Resp: 279339

Ion	Ratio	Lower	Upper
152	100		
115	57.8	39.1	117.3
150	156.8	0.0	345.4



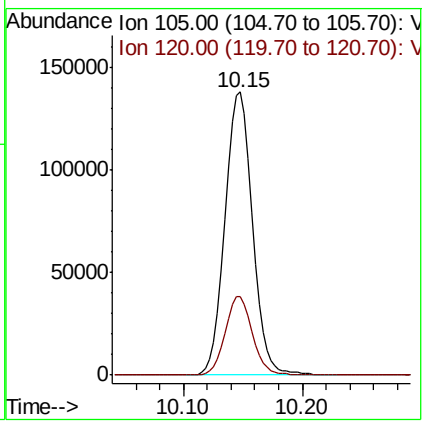


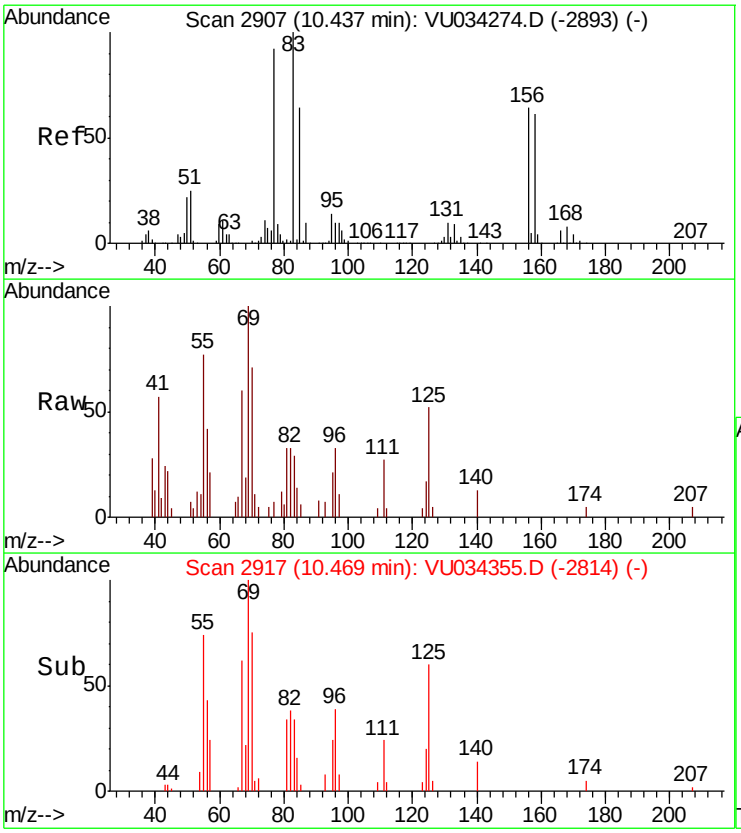
#73
Isopropylbenzene
Concen: 12.172 ug/l
RT: 10.15 min Scan# 2817
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument : MSVOA_U
ClientSampleId : S13-0274

Tgt Ion:105 Resp: 221275

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.4	40.2

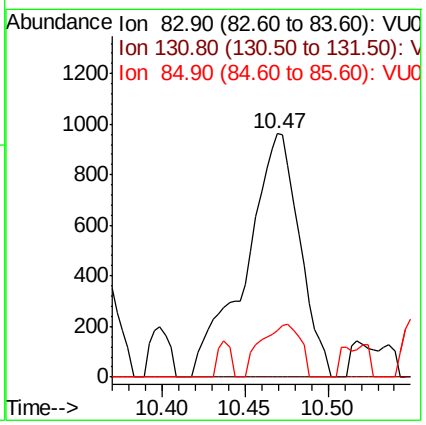


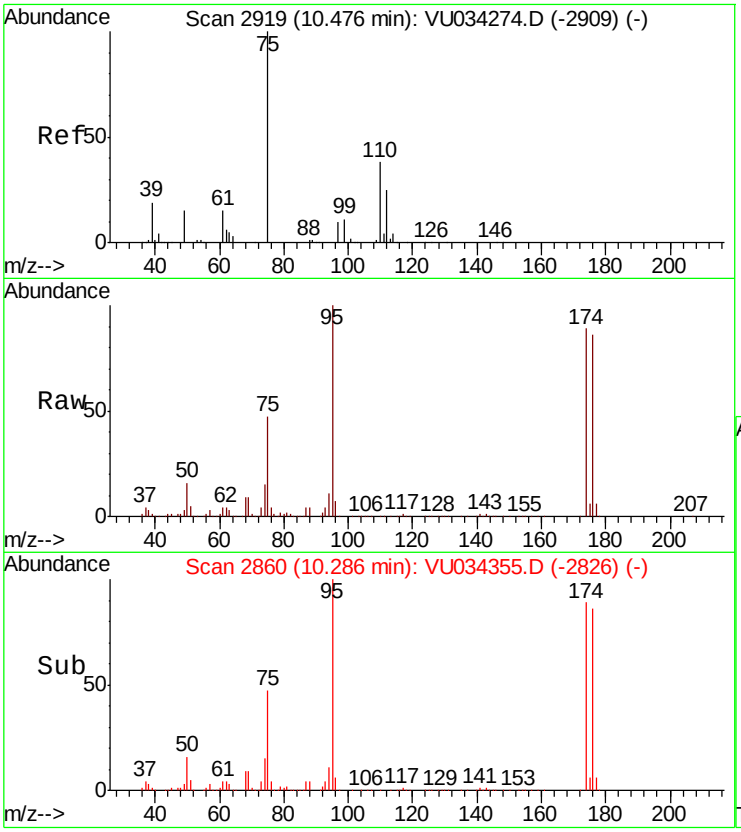


#75
1,1,2,2-Tetrachloroethane
Concen: 0.294 ug/l
RT: 10.47 min Scan# 2917
Delta R.T. 0.03 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 83 Resp: 2165

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.2#
85	15.8	32.0	96.2#



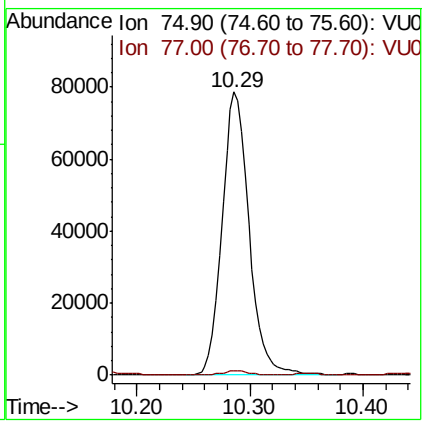


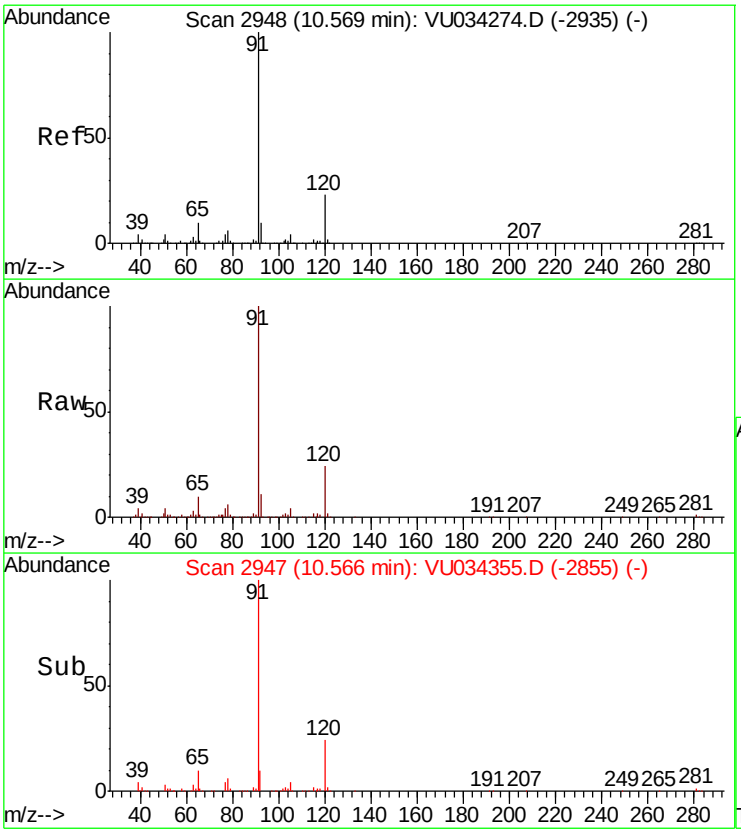
#76
1,2,3-Trichloropropane
Concen: 21.440 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 75 Resp: 130729

Ion	Ratio	Lower	Upper
75	100		
77	0.0	20.8	62.2#

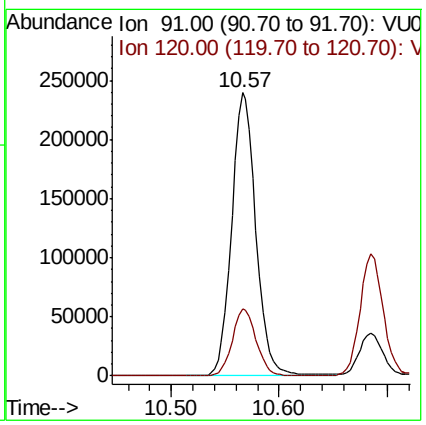


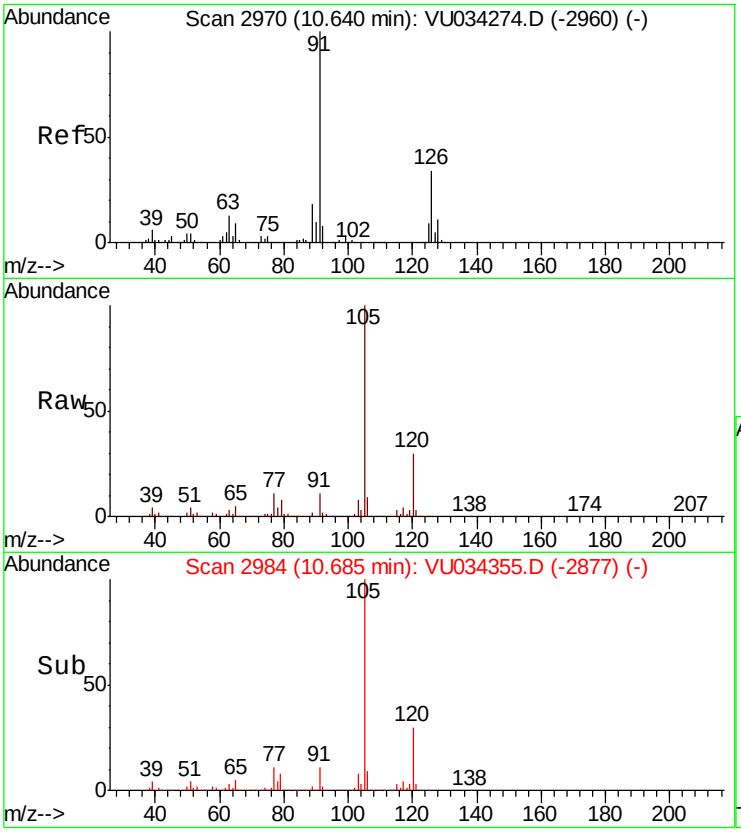


#78
n-propylbenzene
Concen: 17.907 ug/l
RT: 10.57 min Scan# 2947
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 91 Resp: 375948

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.0



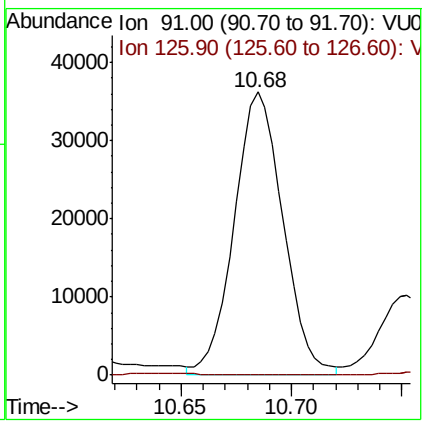


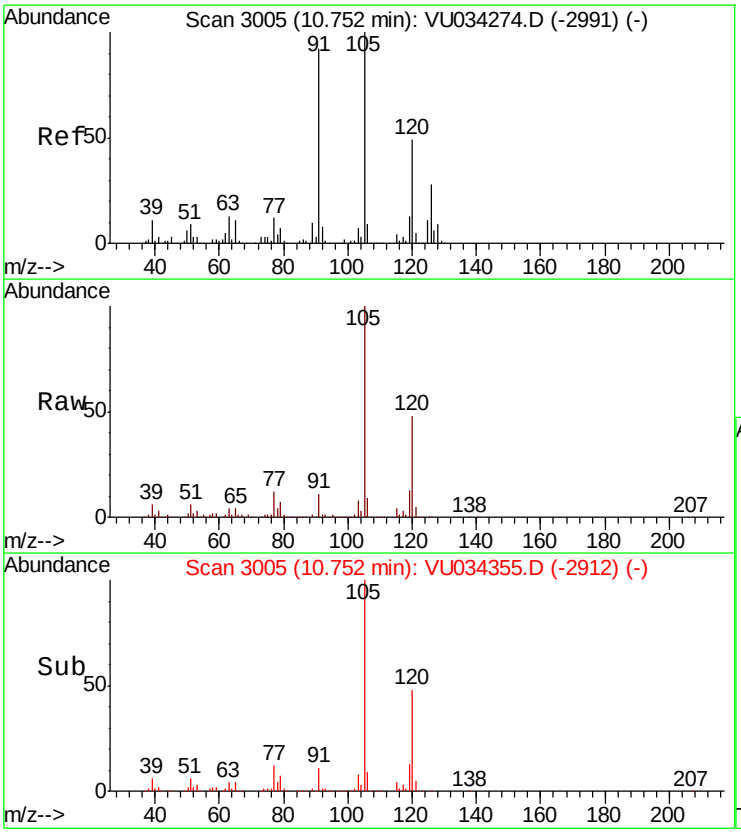
#79
2-Chlorotoluene
Concen: 4.328 ug/l
RT: 10.68 min Scan# 2984
Delta R.T. 0.05 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 91 Resp: 55438

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.3	51.9#

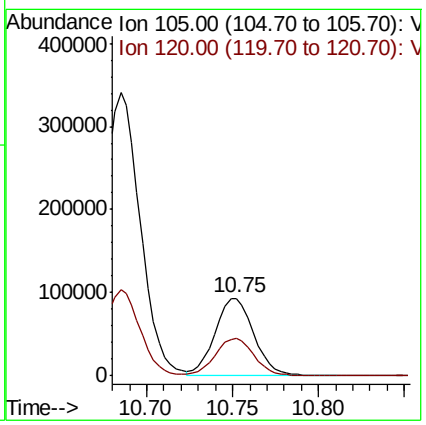


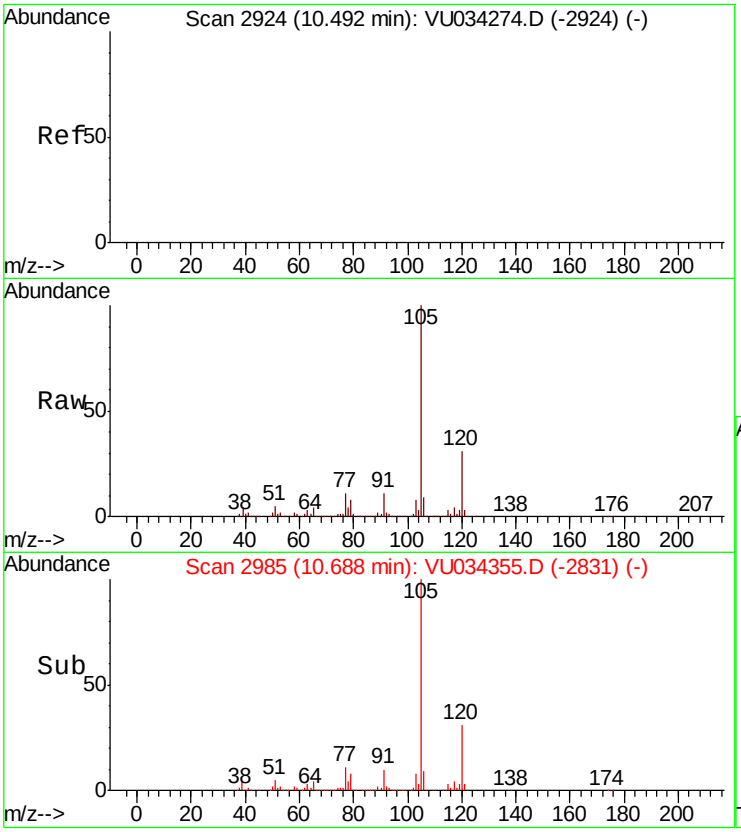


#80
1,3,5-Trimethylbenzene
Concen: 9.643 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:105 Resp: 146602

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.9	74.7



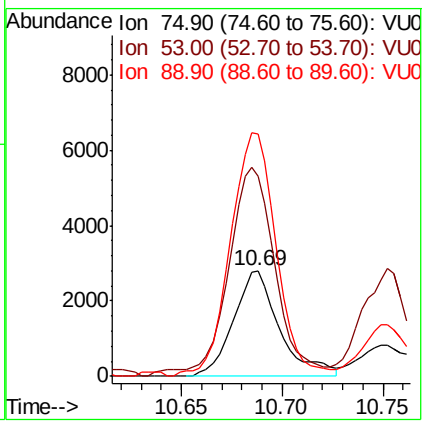


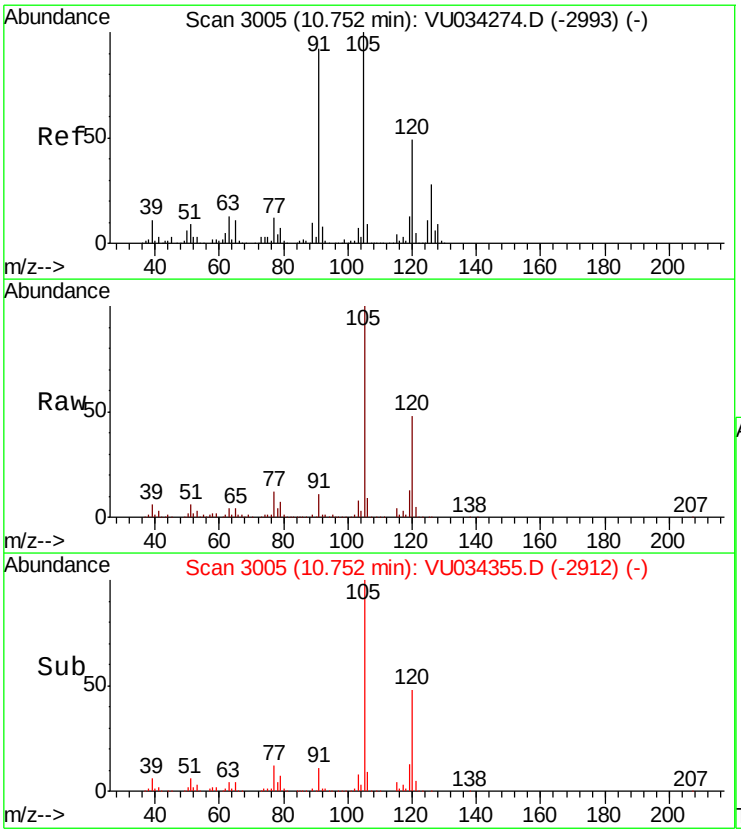
#81
trans-1,4-Dichloro-2-butene
Concen: 2.474 ug/l
RT: 10.69 min Scan# 2985
Delta R.T. 0.20 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 75 Resp: 4485

Ion	Ratio	Lower	Upper
75	100		
53	202.0	0.0	0.0#
89	229.7	0.0	0.0#

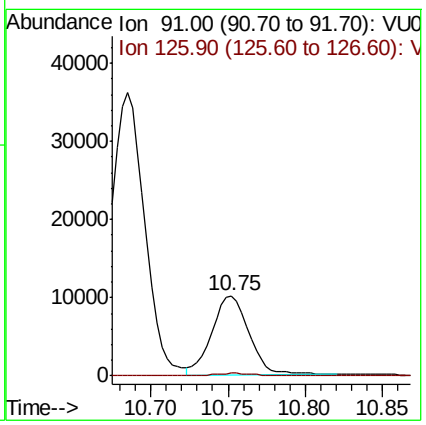


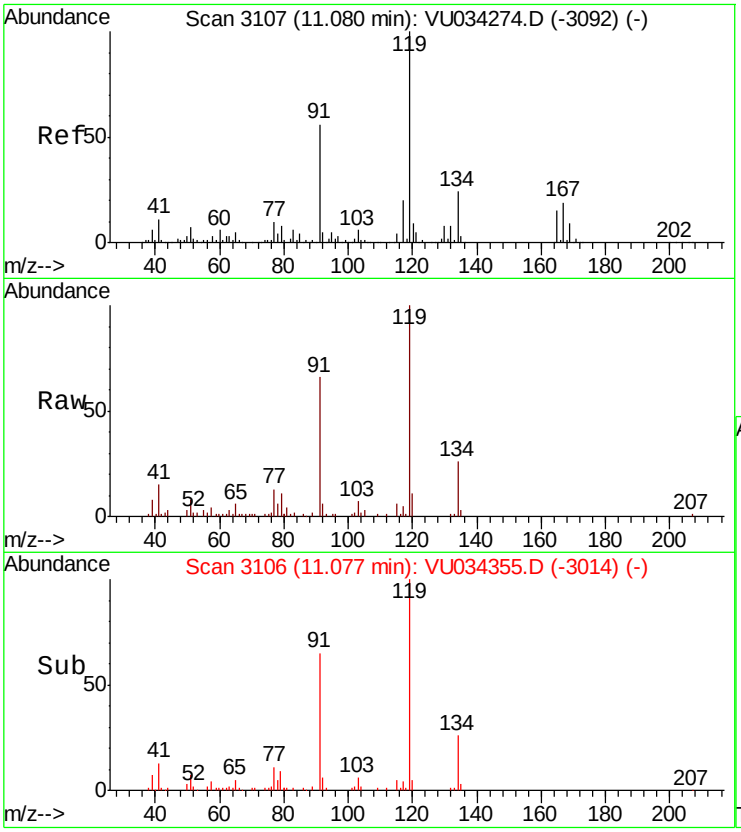


#82
4-Chlorotoluene
Concen: 1.142 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion: 91 Resp: 16829

Ion	Ratio	Lower	Upper
91	100		
126	2.8	15.3	45.8#



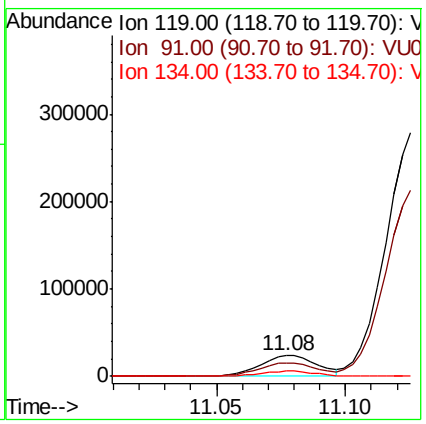


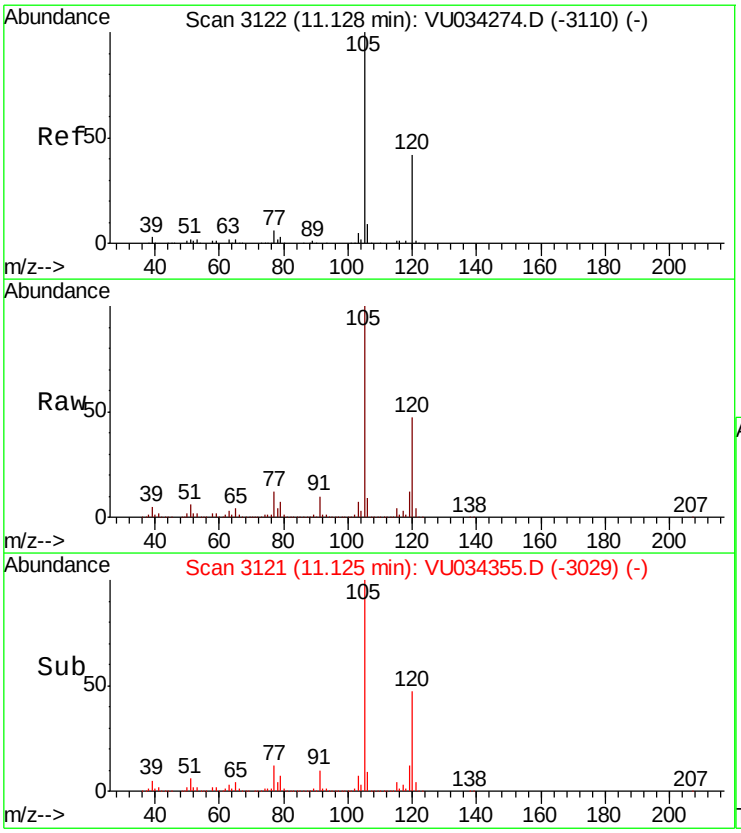
#83
tert-Butylbenzene
Concen: 2.417 ug/l
RT: 11.08 min Scan# 3106
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion:119 Resp: 36760

Ion	Ratio	Lower	Upper
119	100		
91	65.3	27.8	83.4
134	24.8	11.7	35.0

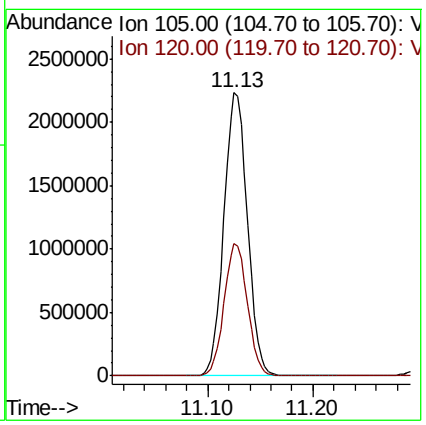


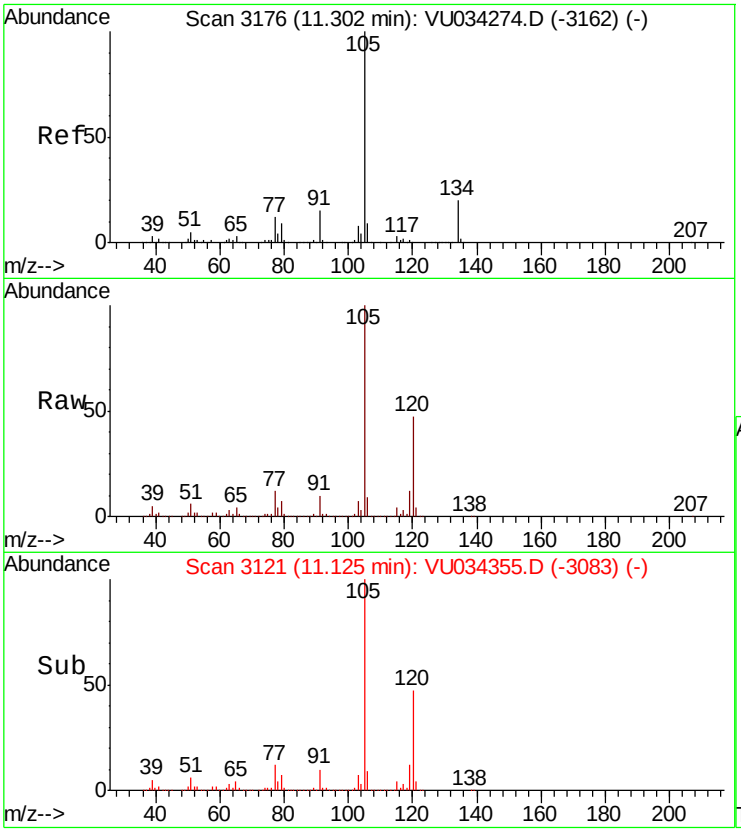


#84
1,2,4-Trimethylbenzene
Concen: 224.295 ug/l
RT: 11.13 min Scan# 3121
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:105 Resp: 3432641

Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.9	68.8



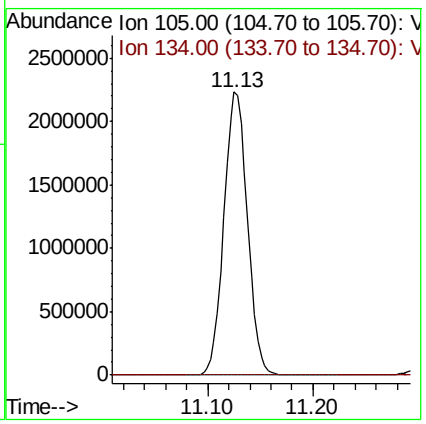


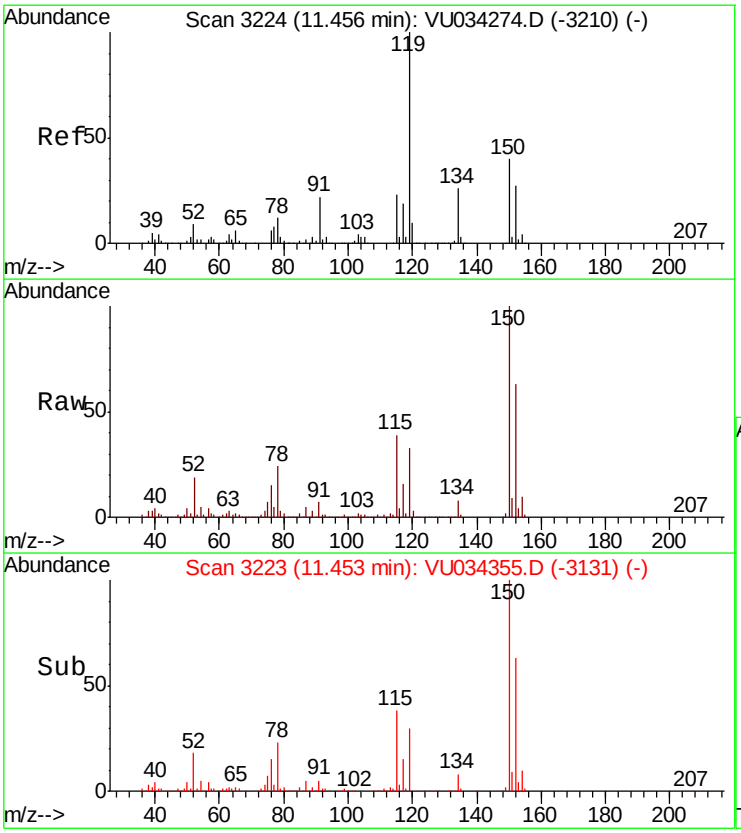
#85
sec-Butylbenzene
Concen: 191.172 ug/l
RT: 11.13 min Scan# 3121
Delta R.T. -0.18 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion:105 Resp: 3432641

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.3#

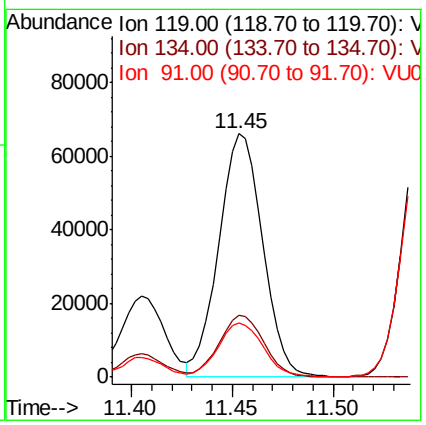


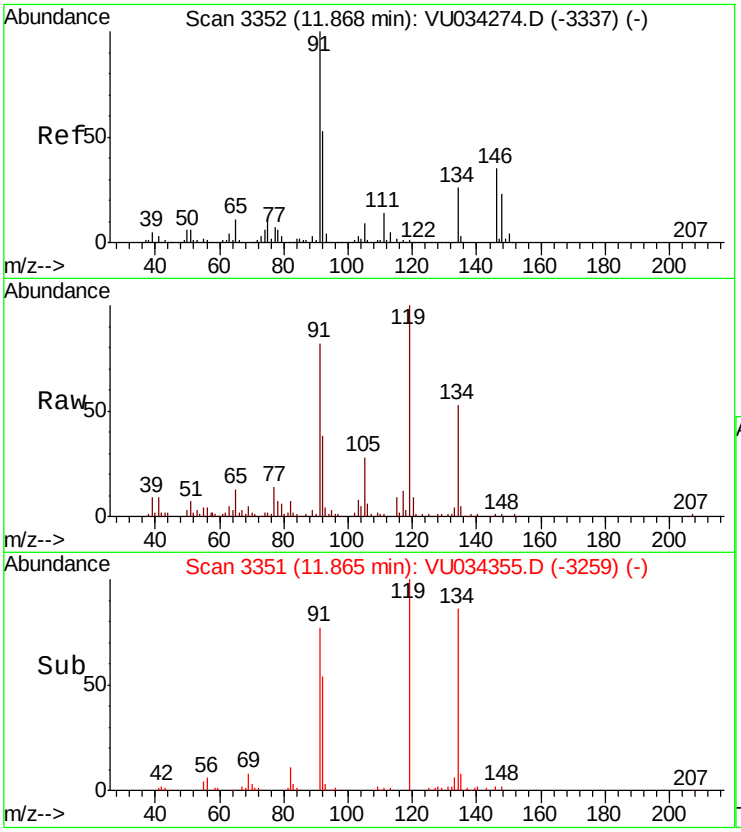


#86
p-Isopropyltoluene
Concen: 6.051 ug/l
RT: 11.45 min Scan# 3223
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:119 Resp: 100279

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.8
91	22.4	11.2	33.6



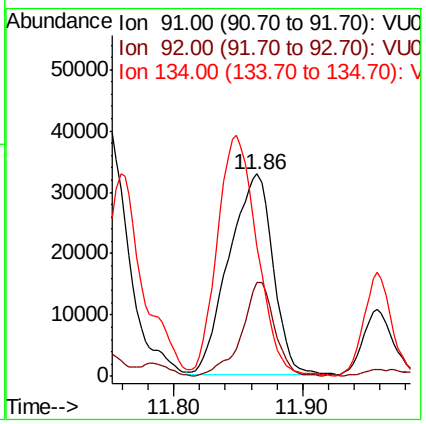


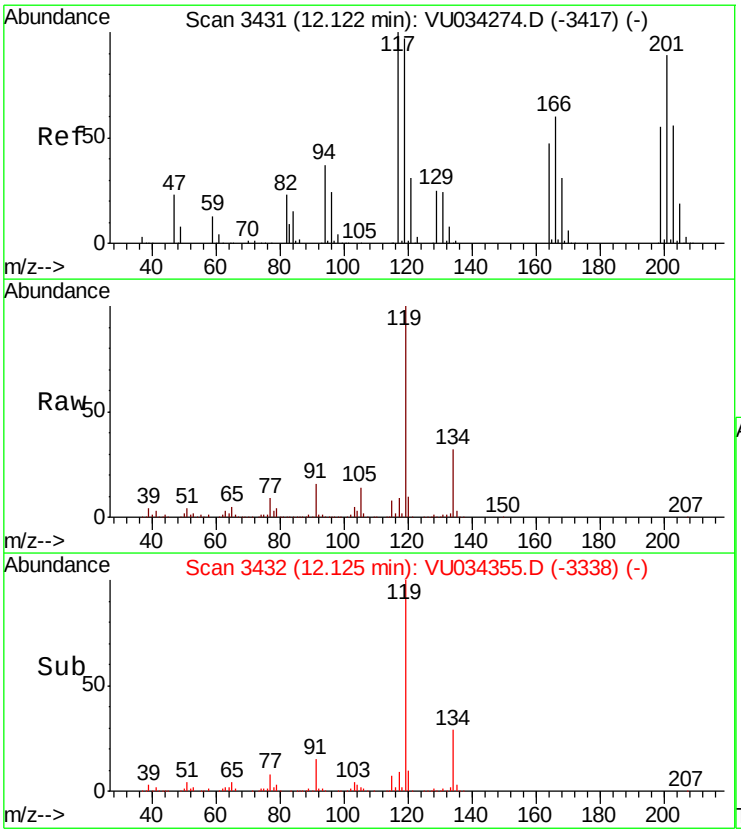
#89
n-Butylbenzene
Concen: 5.377 ug/l
RT: 11.86 min Scan# 3351
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument : MSVOA_U
ClientSampleId : S13-0274

Tgt Ion: 91 Resp: 77435

Ion	Ratio	Lower	Upper
91	100		
92	34.6	26.5	79.4
134	107.8	13.2	39.6#

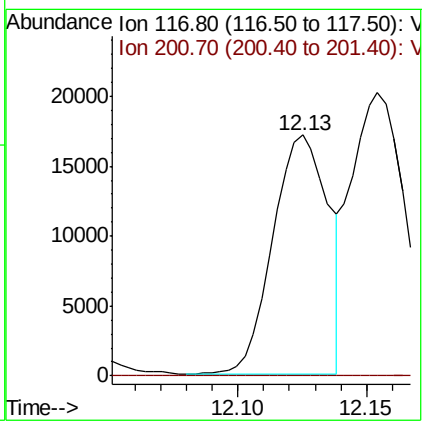


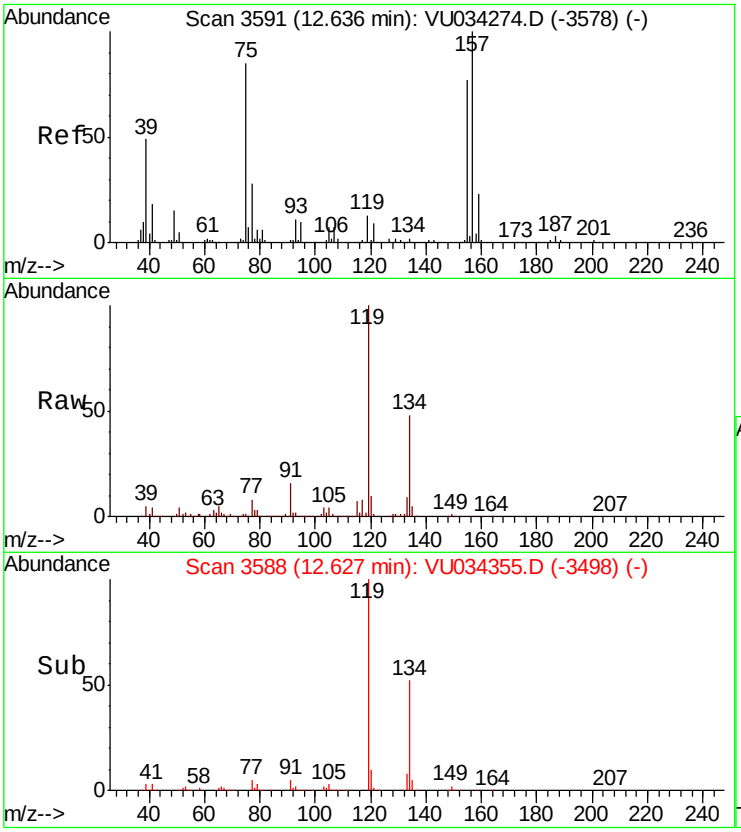


#90
Hexachloroethane
Concen: 9.689 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:117 Resp: 25689

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.1	132.4#



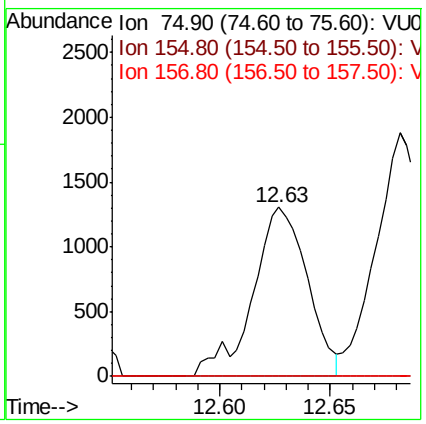


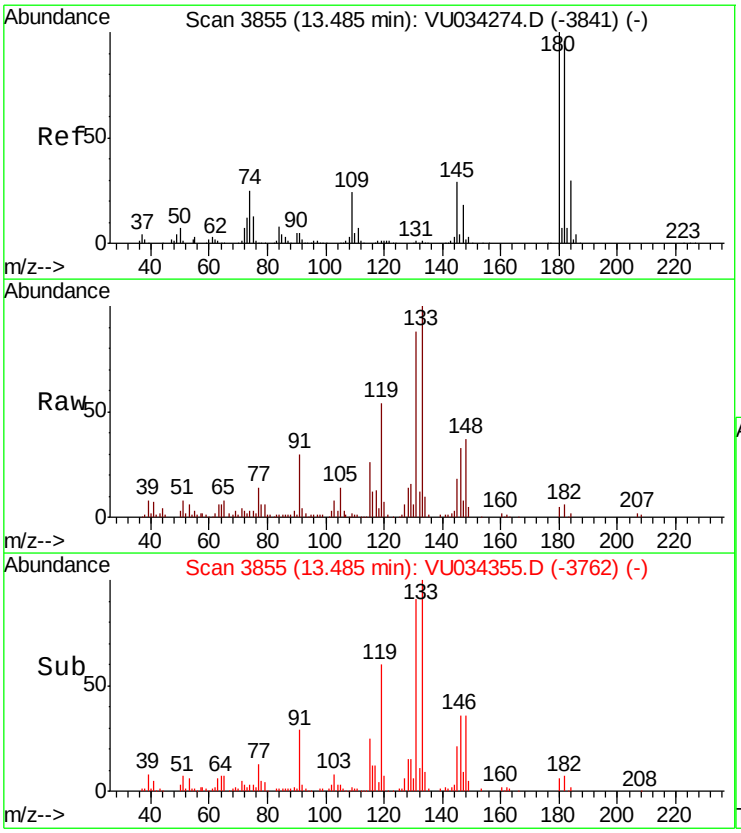
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.657 ug/l
RT: 12.63 min Scan# 3588
Delta R.T. -0.01 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion: 75 Resp: 2240

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.6	134.0#
157	0.0	58.2	174.6#

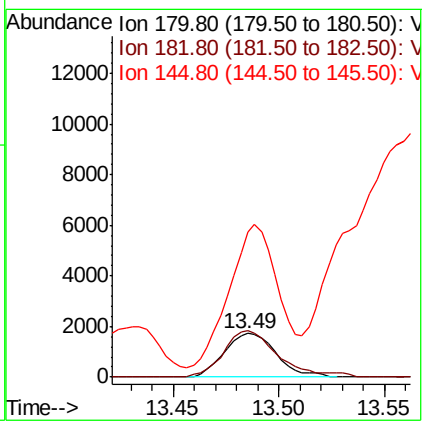


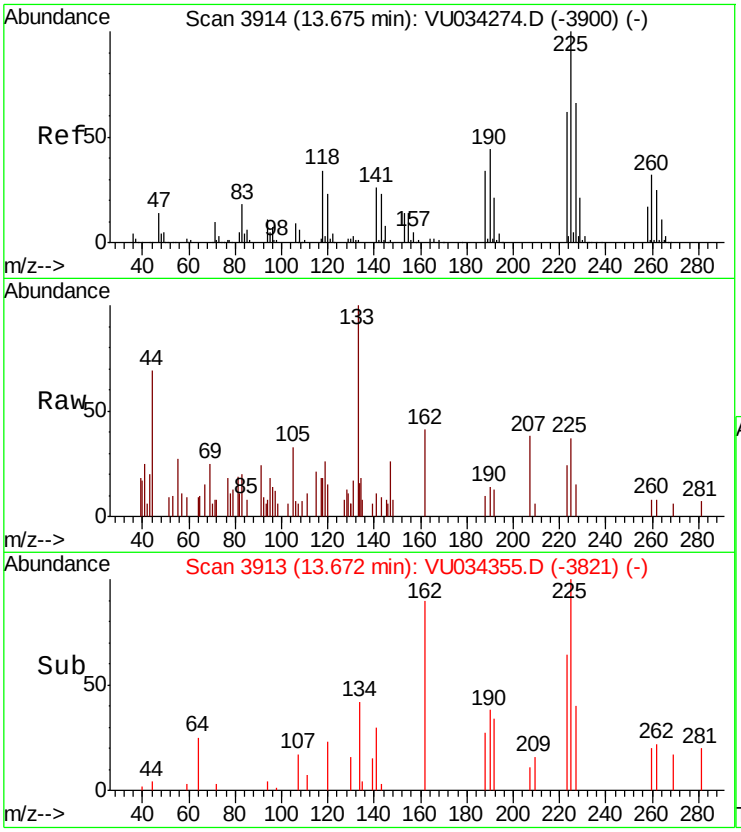


#93
1,2,4-Trichlorobenzene
Concen: 3.869 ug/l
RT: 13.49 min Scan# 3855
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:180 Resp: 2962

Ion	Ratio	Lower	Upper
180	100		
182	108.7	47.9	143.8
145	308.7	14.4	43.0#



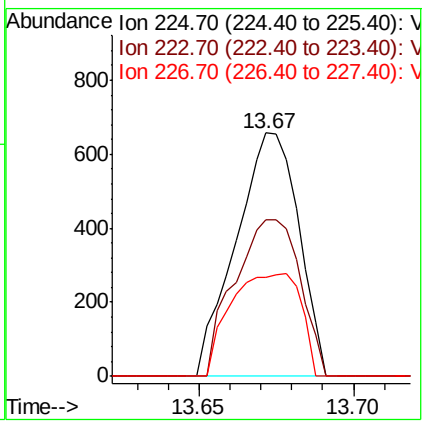


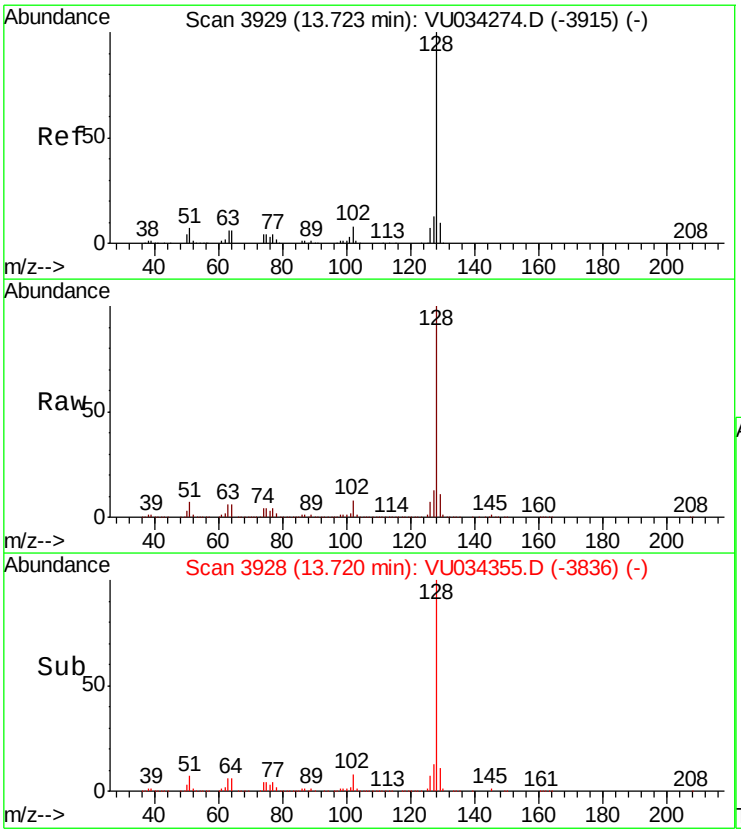
#94
Hexachlorobutadiene
Concen: 0.291 ug/l
RT: 13.67 min Scan# 3913
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion:225 Resp: 928

Ion	Ratio	Lower	Upper
225	100		
223	67.5	31.6	94.7
227	47.2	32.3	96.8

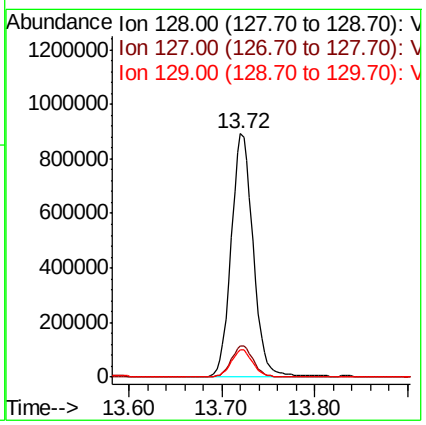


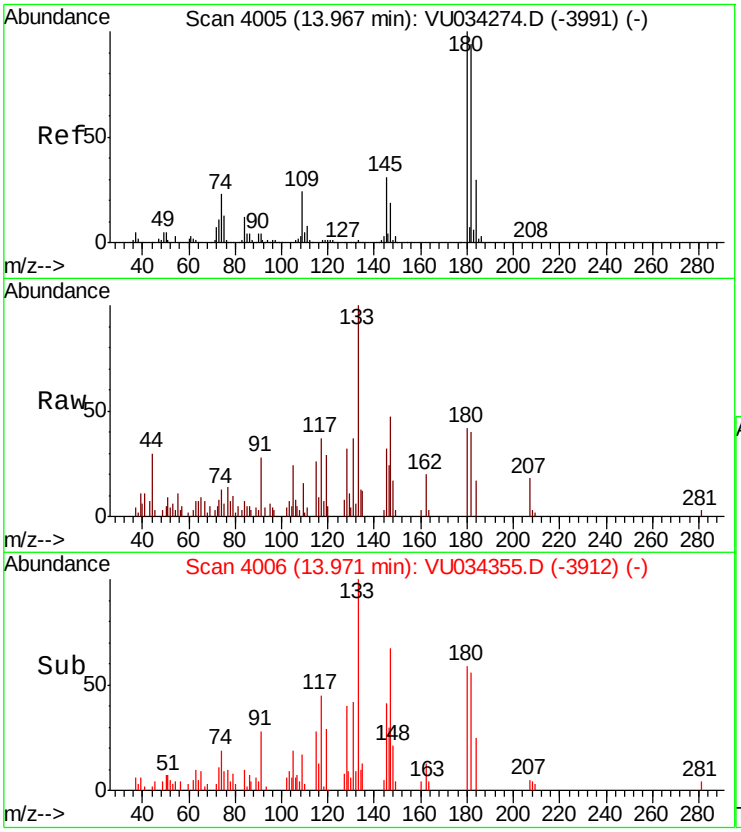


#95
Naphthalene
Concen: 76.677 ug/l
RT: 13.72 min Scan# 3928
Delta R.T. -0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Tgt Ion:128 Resp: 1470312

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.3	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 3.096 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU034355.D
Acq: 07 Sep 2019 01:27

Instrument :
MSVOA_U
ClientSampleId :
S13-0274

Tgt Ion:180 Resp: 3086

Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.4	145.0
145	0.0	15.4	46.4#