Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090919\

Quantitation Report (Not Reviewed)

Data File : VU034418.D
Acq On : 09 Sep 2019 09:23
Operator : JC/SP
Sample : VU0909WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Quant Time: Sep 10 05:33:54 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	256784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	362842	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	370952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	209971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	208154	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%			
35) Dibromofluoromethane	4.86	113	184745	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.44%			
50) Toluene-d8	7.54	98	634781	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.08%			
62) 4-Bromofluorobenzene	10.29	95	209380	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.50%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1344	0.378	ug/l	91
5) Bromomethane	1.62	94	1505	Below Cal		93
6) Chloroethane	1.68	64	54	Below Cal	#	43
10) Methyl Iodide	2.41	142	242	3.929	ug/l #	84
11) Tert butyl alcohol	2.82	59	398	0.485	ug/l #	73
13) Acrolein	2.19	56	187	0.271	ug/l #	1
16) Acetone	2.31	43	1446	0.719	ug/l	89
20) Methylene Chloride	2.69	84	646	Below Cal	#	78
31) Cyclohexane	4.96	56	3908	0.859	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	16976	4.314	ug/l #	44
38) Carbon Tetrachloride	4.96	117	22231	5.291	ug/l #	17
49) 1,4-Dioxane	6.61	88	62	0.824	ug/l #	6
51) 4-Methyl-2-Pentanone	7.45	43	4411	0.878	ug/l	92
56) Ethyl methacrylate	8.02	69	144	3.101	ug/l #	44
59) 2-Hexanone	8.37	43	3498	0.932	ug/l #	58
74) N-amyl acetate	10.02	43	1141	0.207	ug/l #	58
76) 1,2,3-Trichloropropane	10.29	75	98556	21.503	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	98556	72.314	ug/l #	100
87) 1,3-Dichlorobenzene	11.40	146	1678	0.241	ug/l	99
88) 1,4-Dichlorobenzene	11.40	146	1678	0.231	ug/l	99
89) n-Butylbenzene	11.87	91	2606	0.241	ug/l	84
91) 1,2-Dichlorobenzene	11.87	146	1681	0.245	ug/l	100
93) 1,2,4-Trichlorobenzene	13.50	180	550	3.555	ug/l	89
94) Hexachlorobutadiene	13.67	225	972	0.406	ug/l	88
95) Naphthalene	13.75	128	5006	4.295	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.98	180	2865	3.204	ug/l	100

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

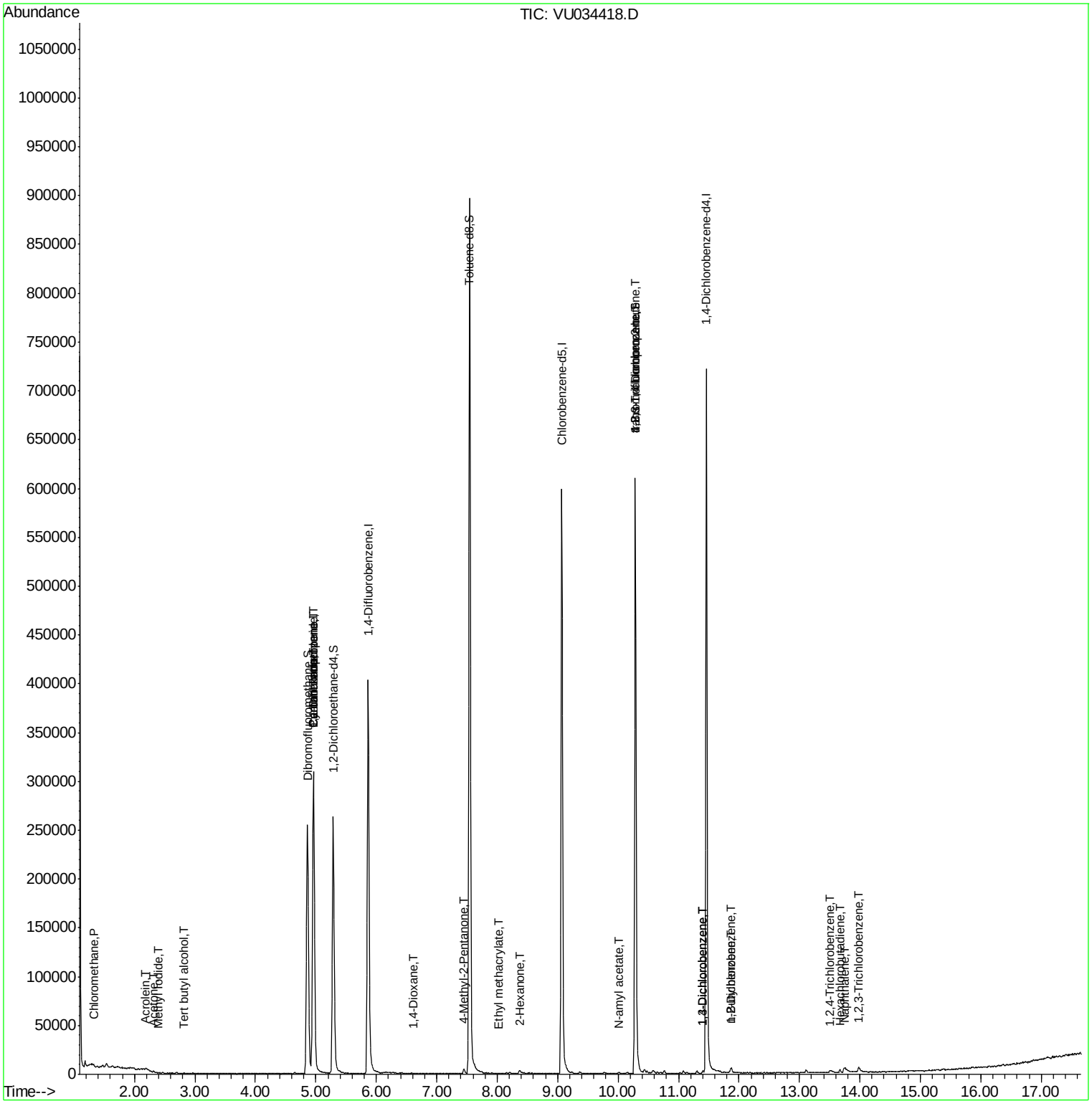
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090919\

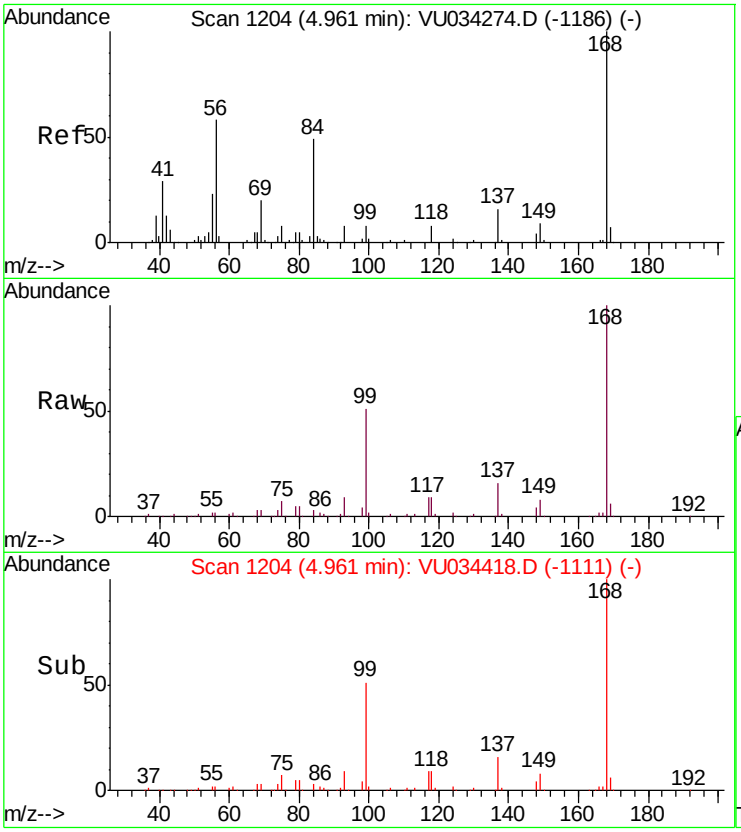
Quantitation Report (Not Reviewed)

Data File : VU034418.D
Acq On : 09 Sep 2019 09:23
Operator : JC/SP
Sample : VU0909WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Quant Time: Sep 10 05:33:54 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



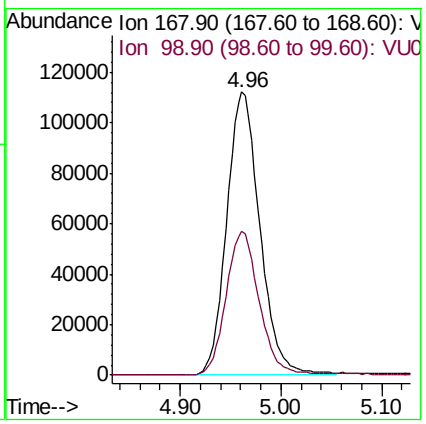


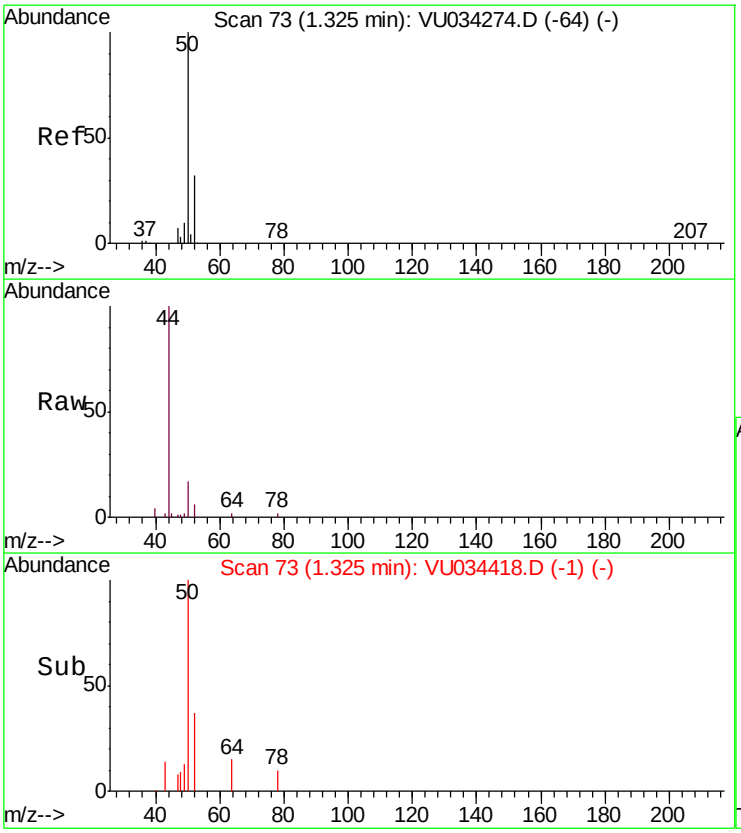
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion:168 Resp: 256784

Ion	Ratio	Lower	Upper
168	100		
99	50.9	41.6	62.4

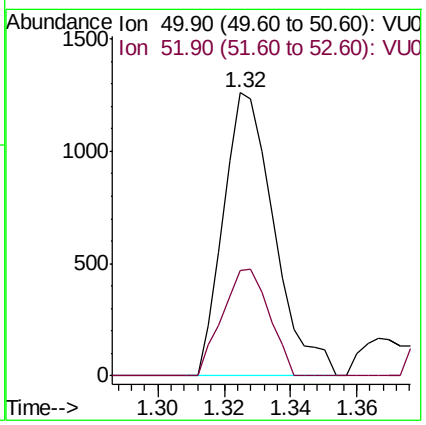


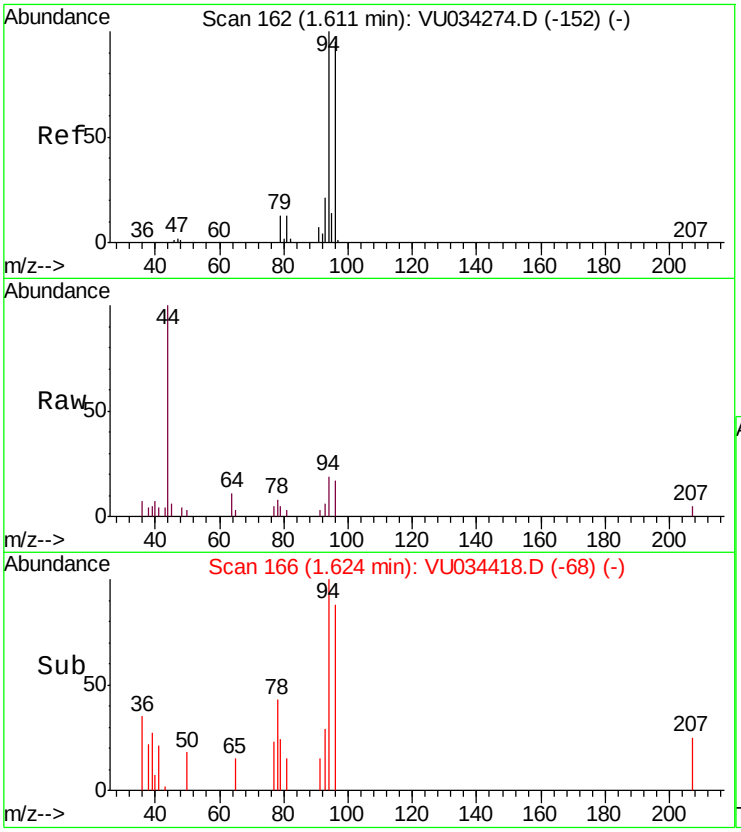


#3
Chloromethane
Concen: 0.378 ug/l
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 50 Resp: 1344

Ion	Ratio	Lower	Upper
50	100		
52	37.2	25.8	38.6



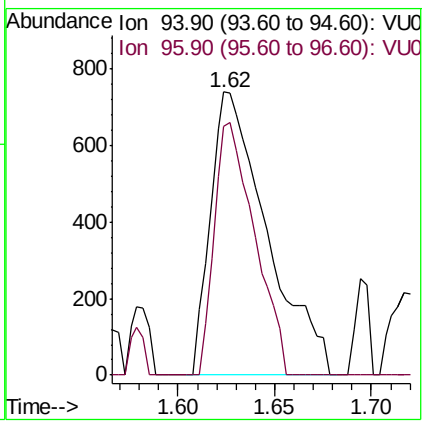


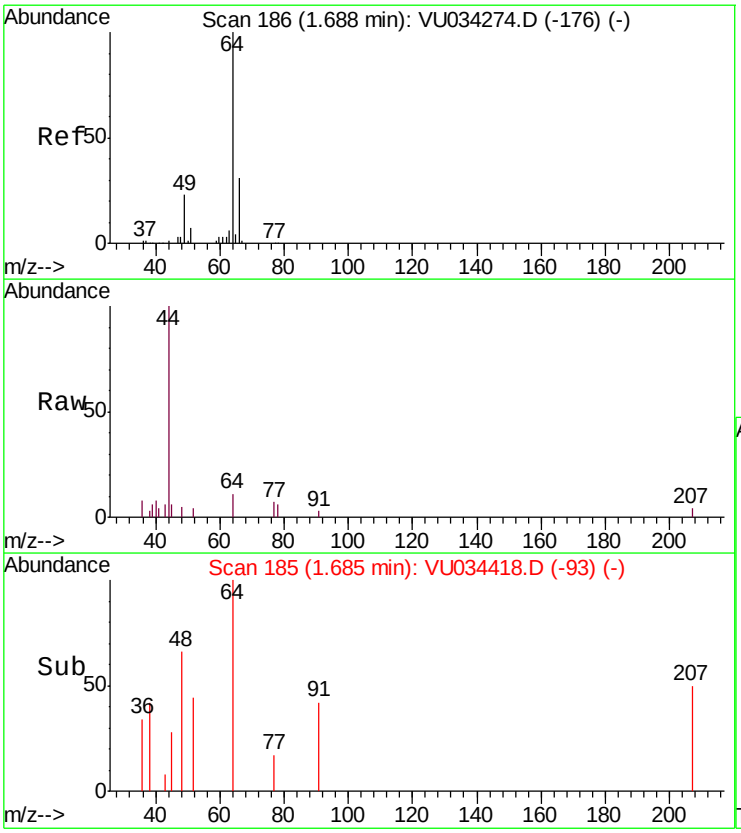
#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 166
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Tgt Ion: 94 Resp: 1505

Ion	Ratio	Lower	Upper
94	100		
96	88.1	75.7	113.5

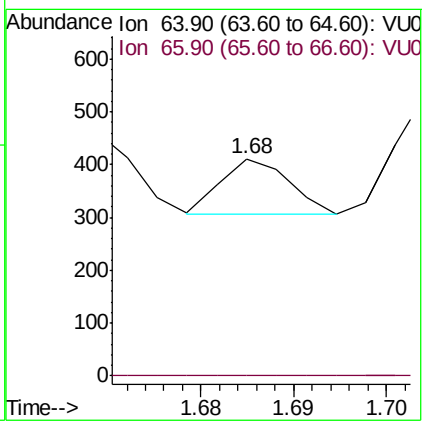


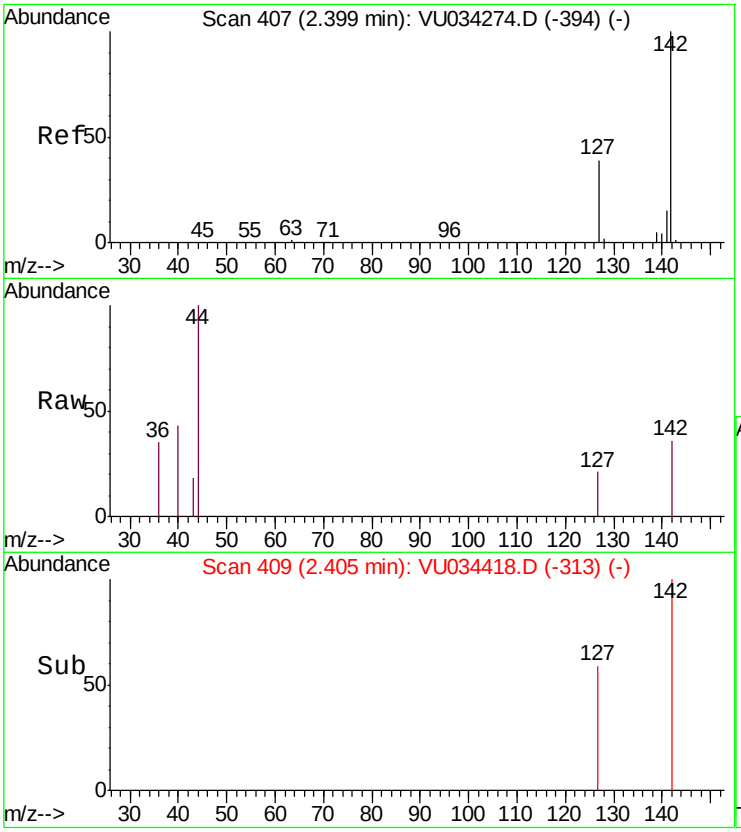


#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 185
Delta R.T. -0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 64 Resp: 54

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#



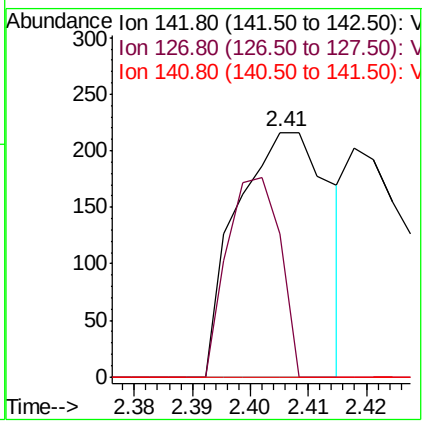


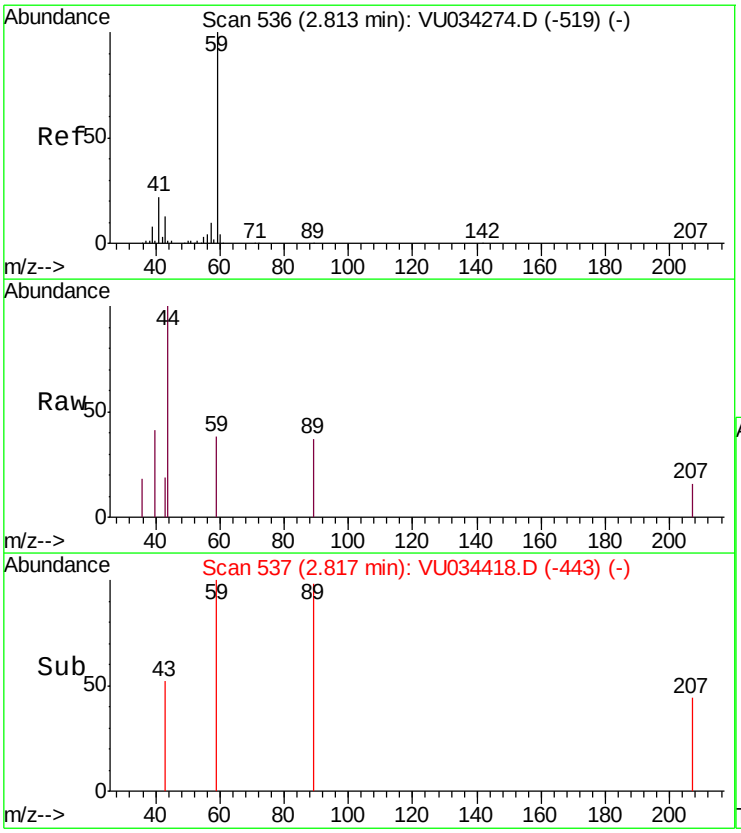
#10
Methyl Iodide
Concen: 3.929 ug/l
RT: 2.41 min Scan# 409
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion:142 Resp: 242

Ion	Ratio	Lower	Upper
142	100		
127	45.9	32.1	48.1
141	0.0	11.5	17.3#

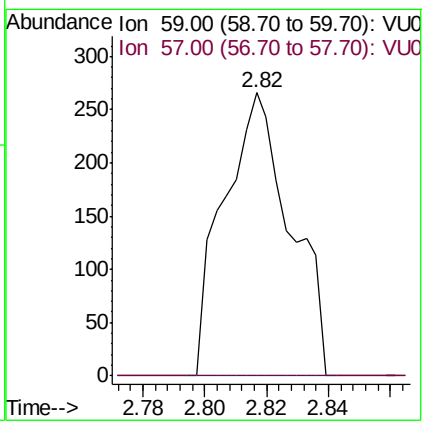


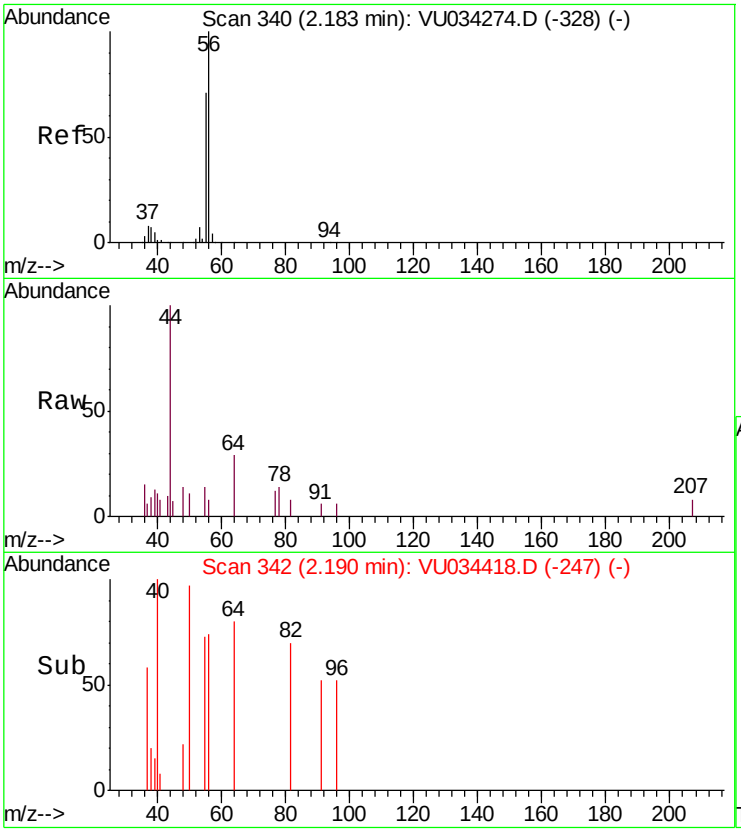


#11
Tert butyl alcohol
Concen: 0.485 ug/l
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 59 Resp: 398

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



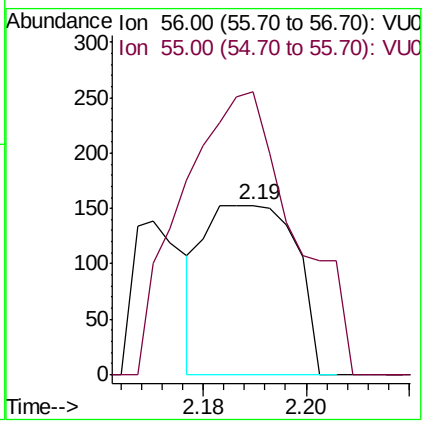


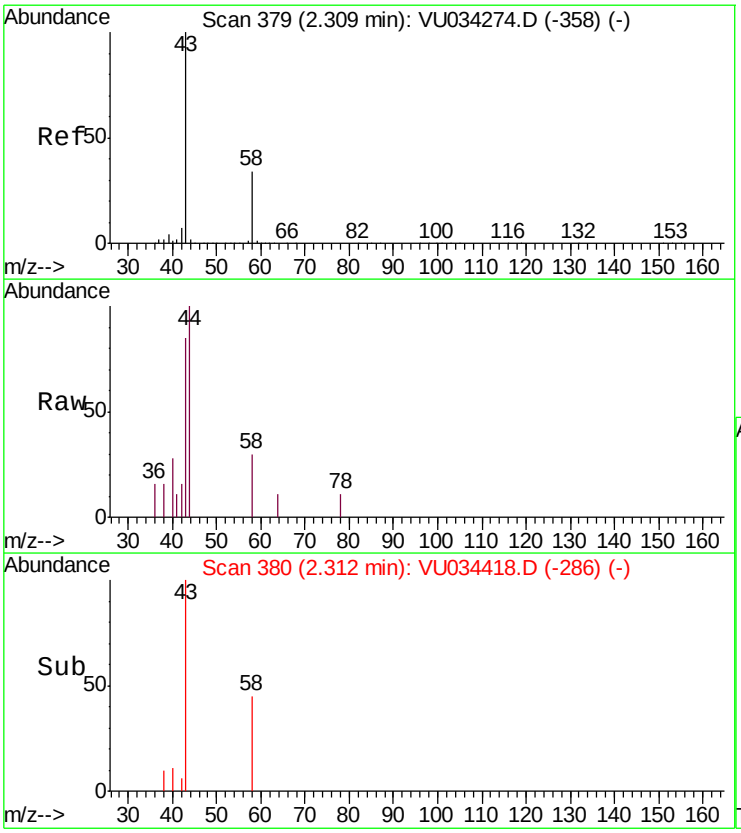
#13
Acrolein
Concen: 0.271 ug/l
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Tgt Ion: 56 Resp: 187

Ion	Ratio	Lower	Upper
56	100		
55	206.4	57.4	86.2#

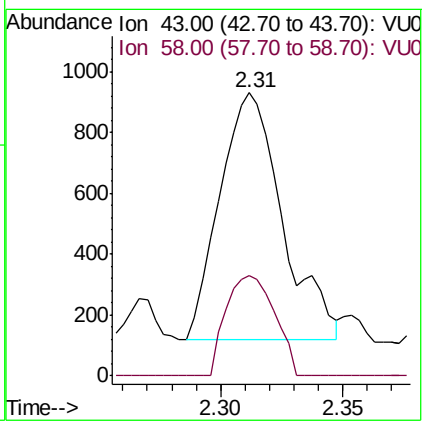


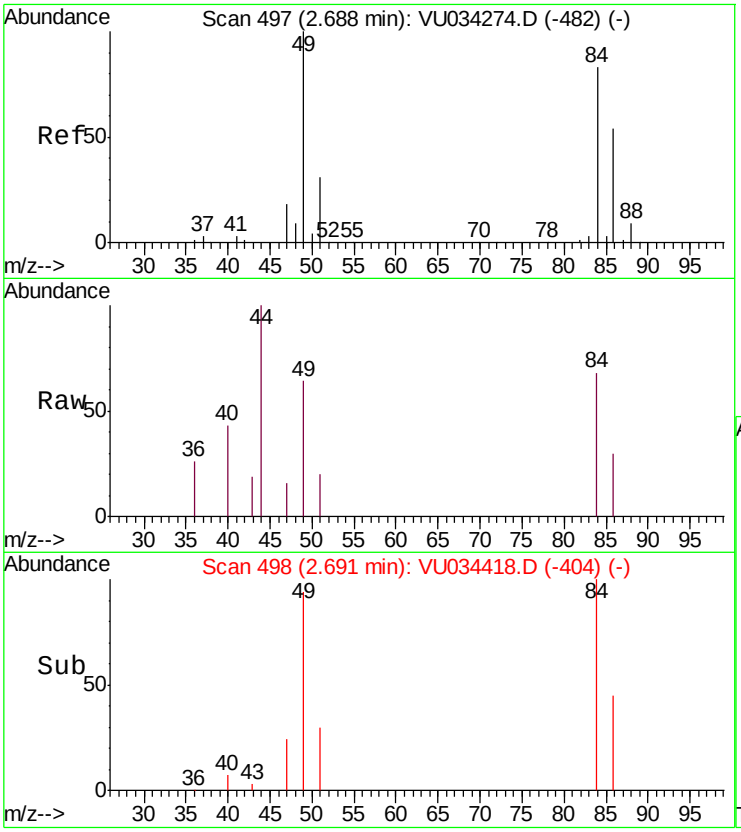


#16
Acetone
Concen: 0.719 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 43 Resp: 1446

Ion	Ratio	Lower	Upper
43	100		
58	40.6	27.6	41.4



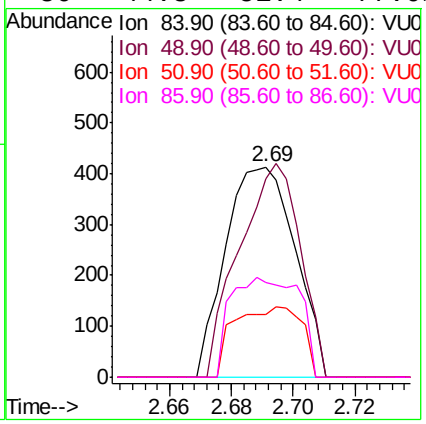


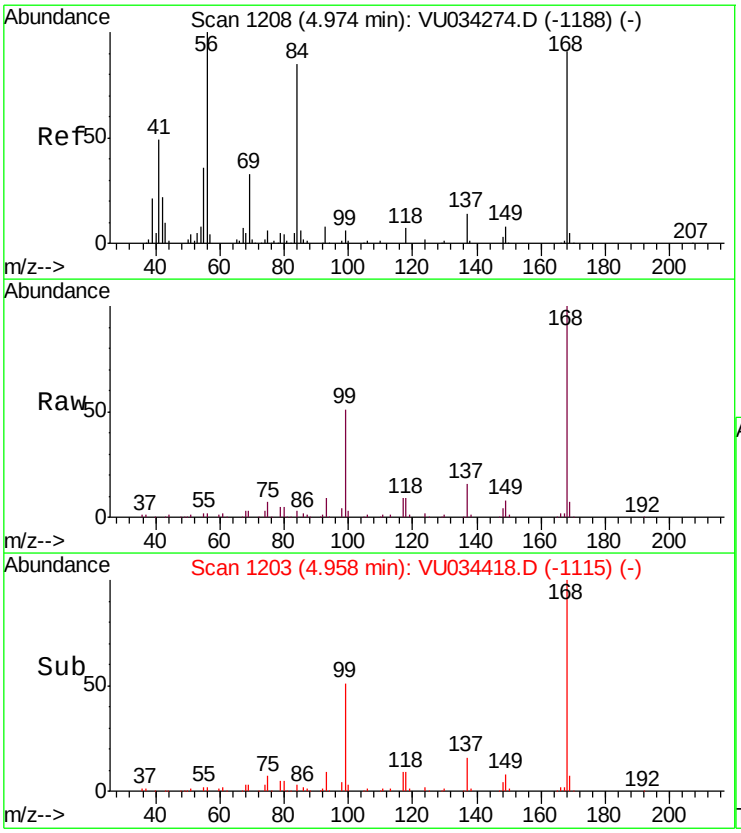
#20
Methylene Chloride
Concen: Below Cal
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Tgt Ion: 84 Resp: 646

Ion	Ratio	Lower	Upper
84	100		
49	94.4	96.0	144.0#
51	29.8	30.0	45.0#
86	44.8	51.4	77.0#

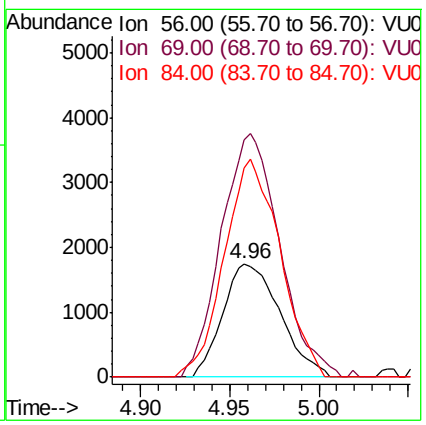


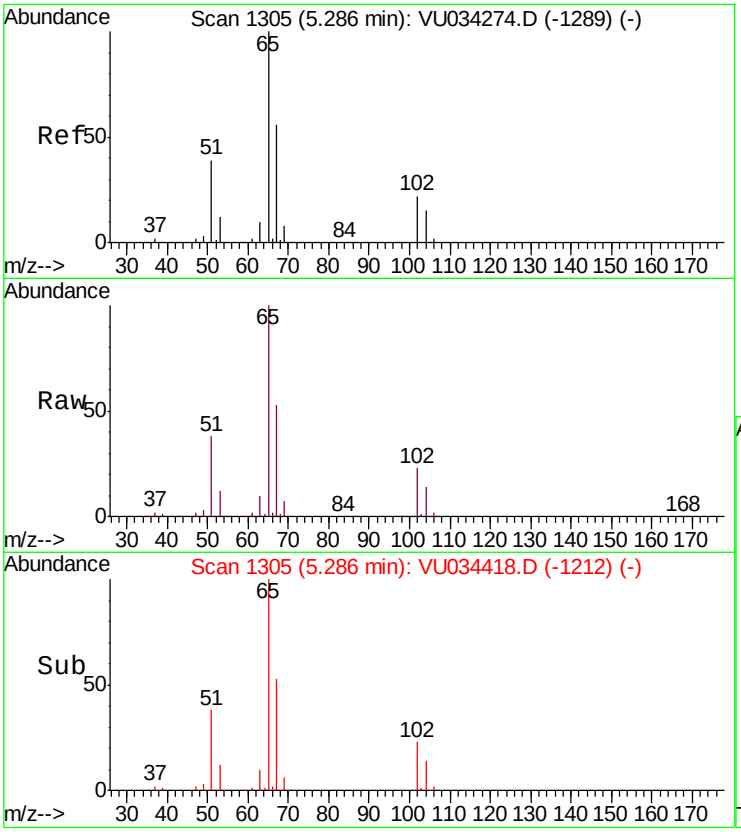


#31
Cyclohexane
Concen: 0.859 ug/l
RT: 4.96 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 56 Resp: 3908

Ion	Ratio	Lower	Upper
56	100		
69	204.0	26.7	40.1#
84	184.9	68.2	102.4#



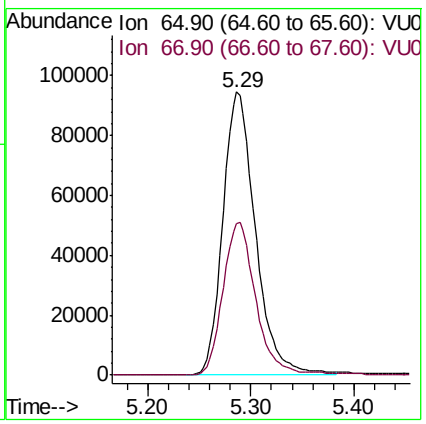


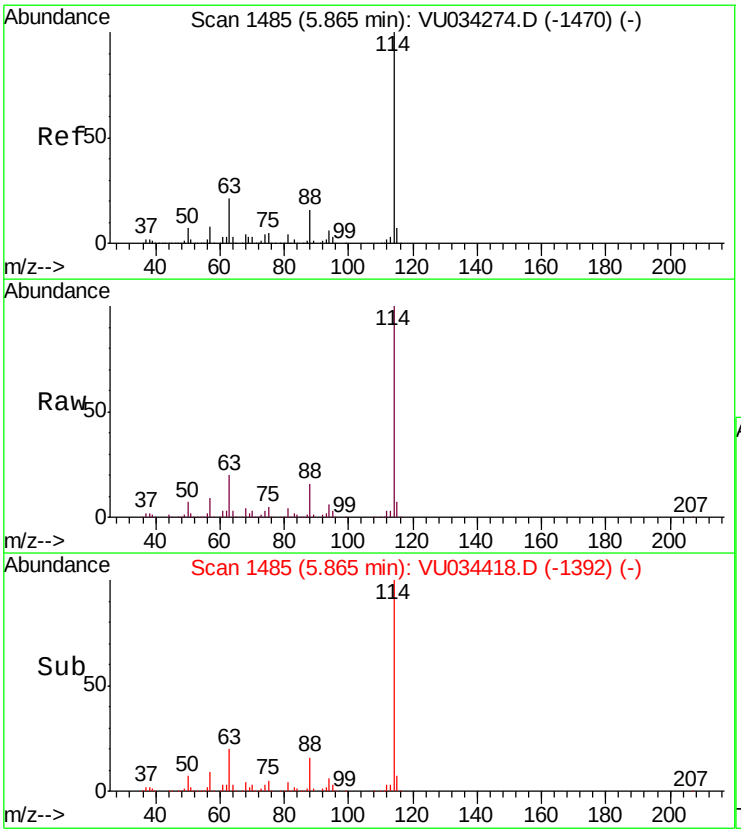
#33
1,2-Dichloroethane-d4
Concen: 53.576 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion: 65 Resp: 208154

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	112.4

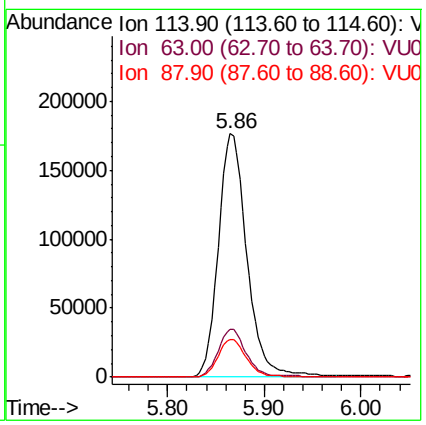


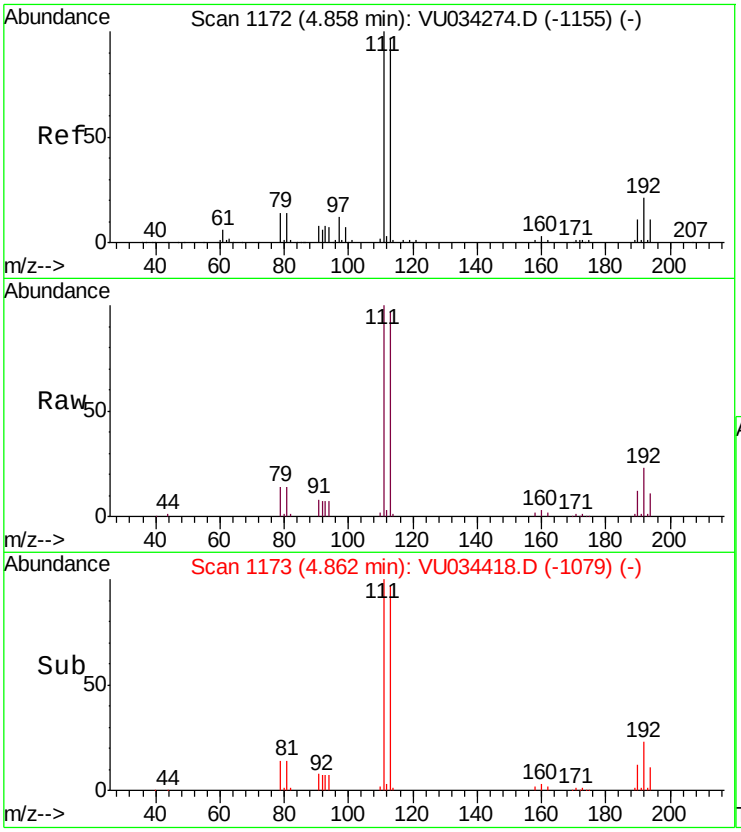


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.86 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion:114 Resp: 362842

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.4
88	15.6	0.0	32.4



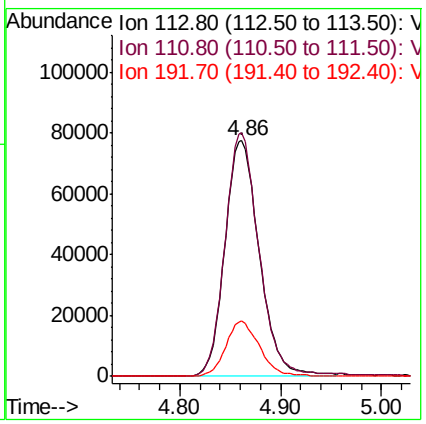


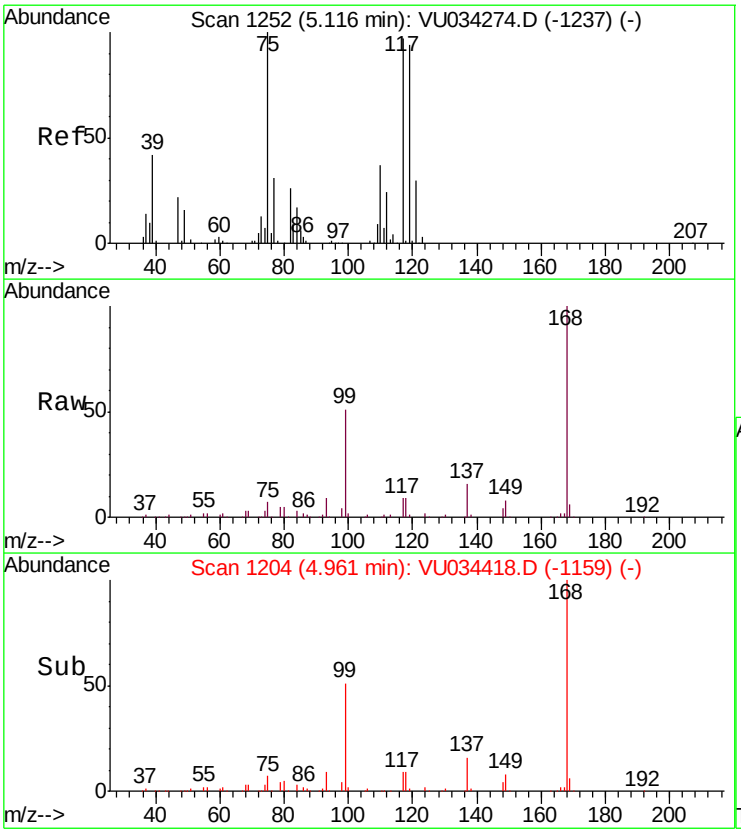
#35
Dibromofluoromethane
Concen: 54.719 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion:113 Resp: 184745

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.5	122.3
192	22.9	17.8	26.8

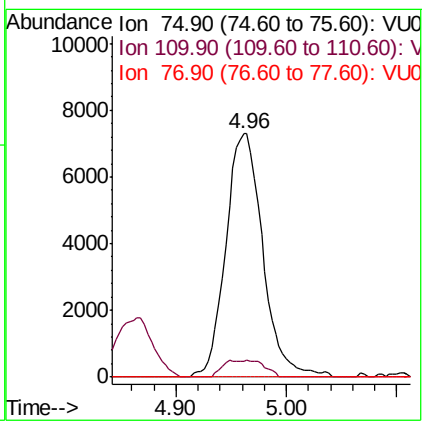


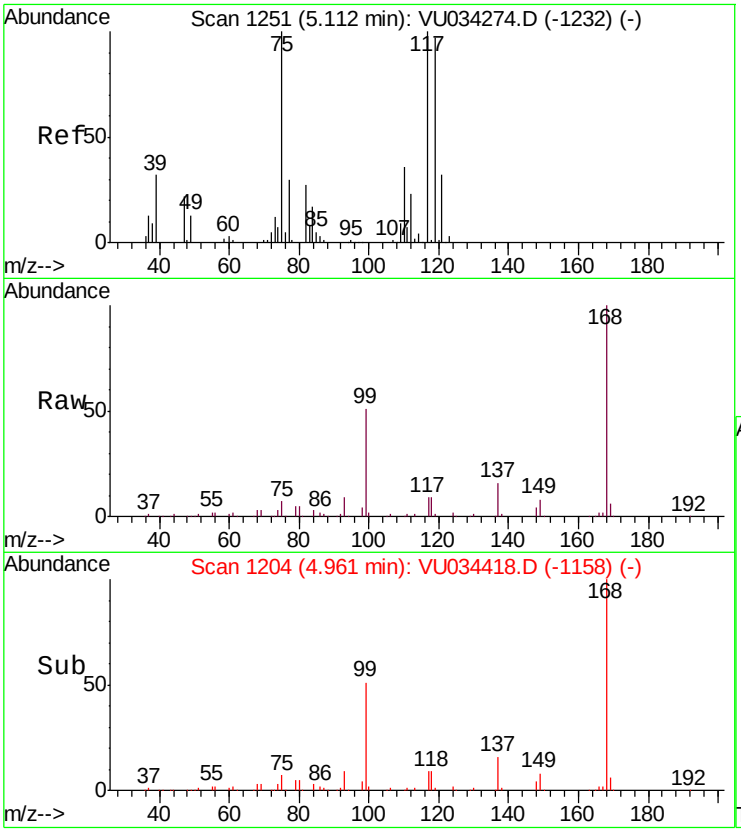


#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 75 Resp: 16976

Ion	Ratio	Lower	Upper
75	100		
110	3.4	18.3	54.9#
77	0.0	24.9	37.3#



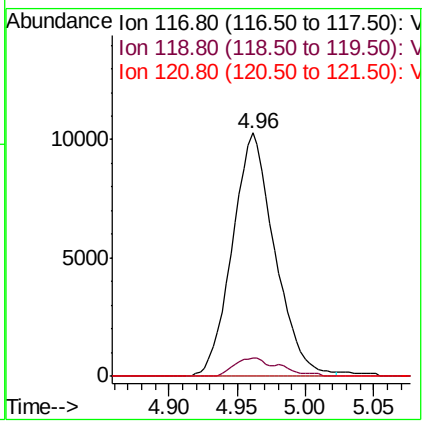


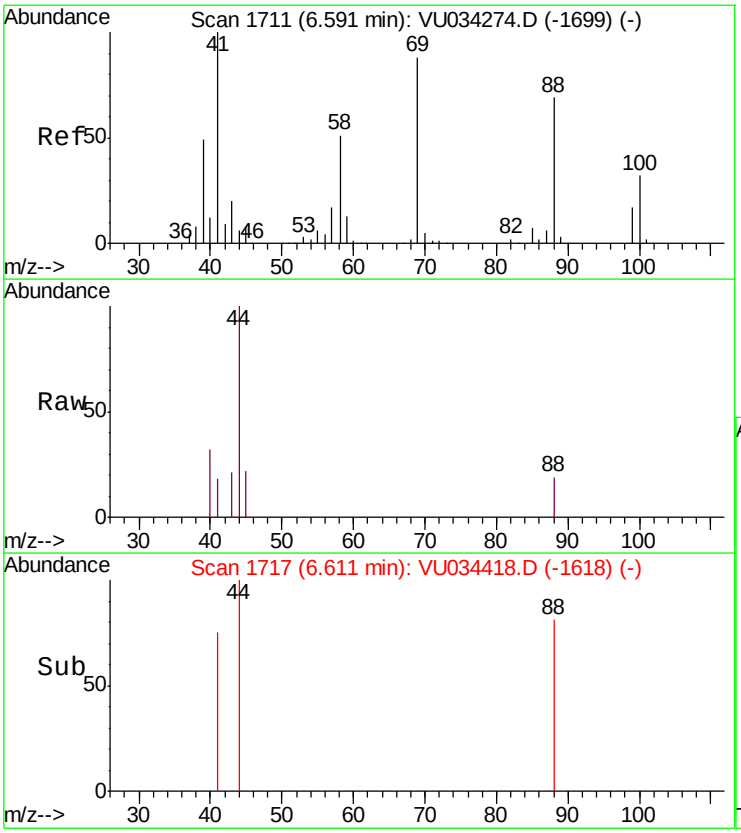
#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Tgt Ion:117 Resp: 22231

Ion	Ratio	Lower	Upper
117	100		
119	7.4	77.8	116.6#
121	0.0	25.2	37.8#

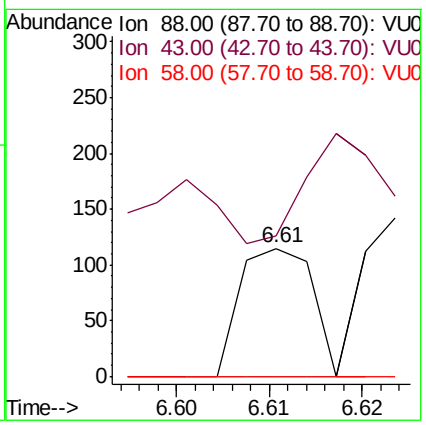


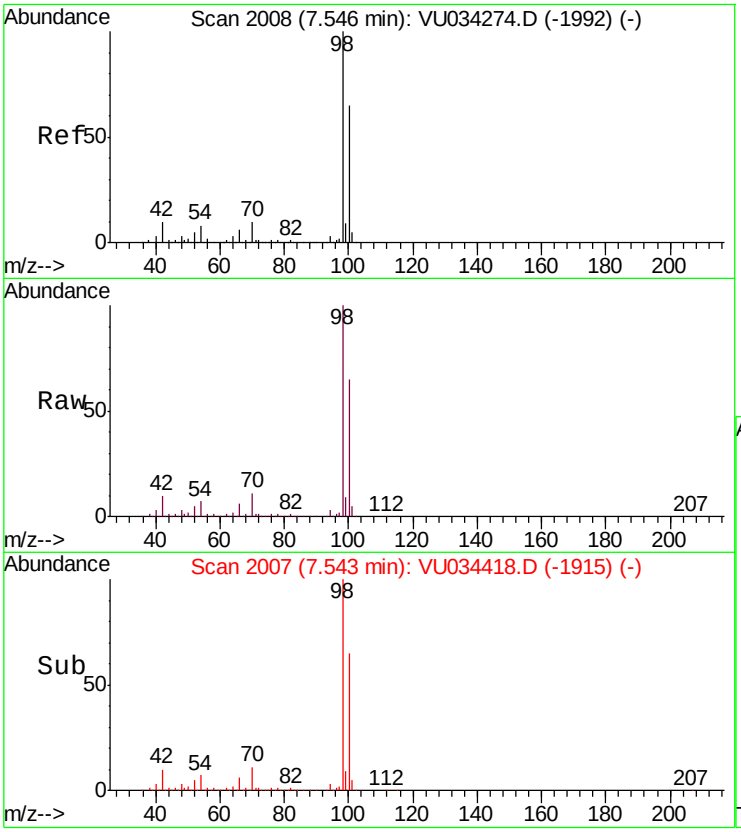


#49
1,4-Dioxane
Concen: 0.824 ug/l
RT: 6.61 min Scan# 1717
Delta R.T. 0.02 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	90.3	23.8	35.6#
58	0.0	58.4	87.6#



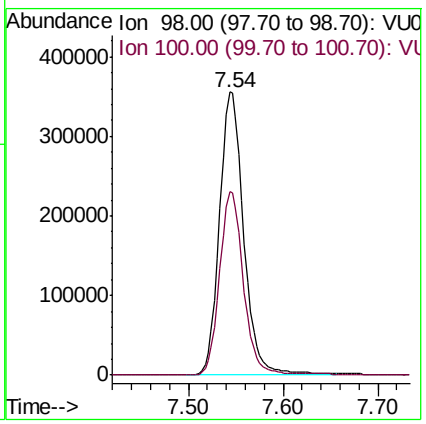


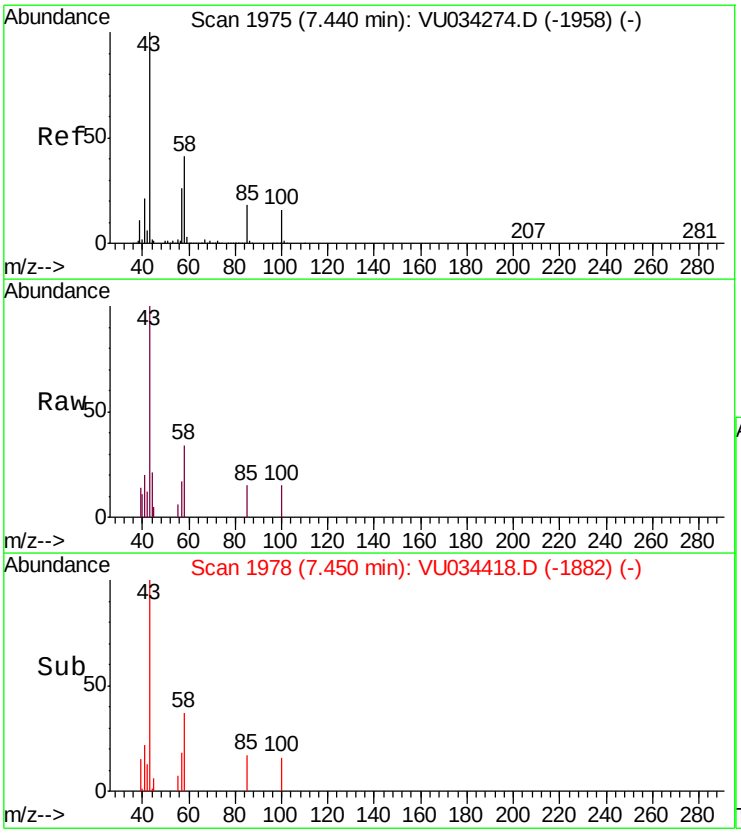
#50
Toluene-d8
Concen: 50.043 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion: 98 Resp: 634781

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5

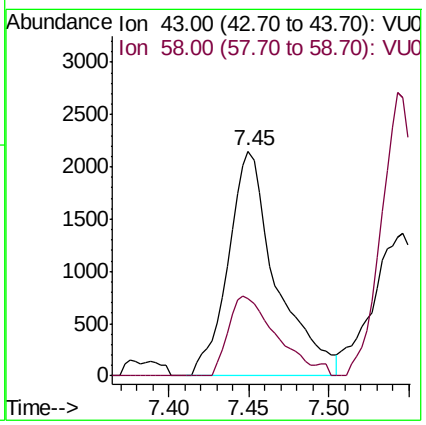


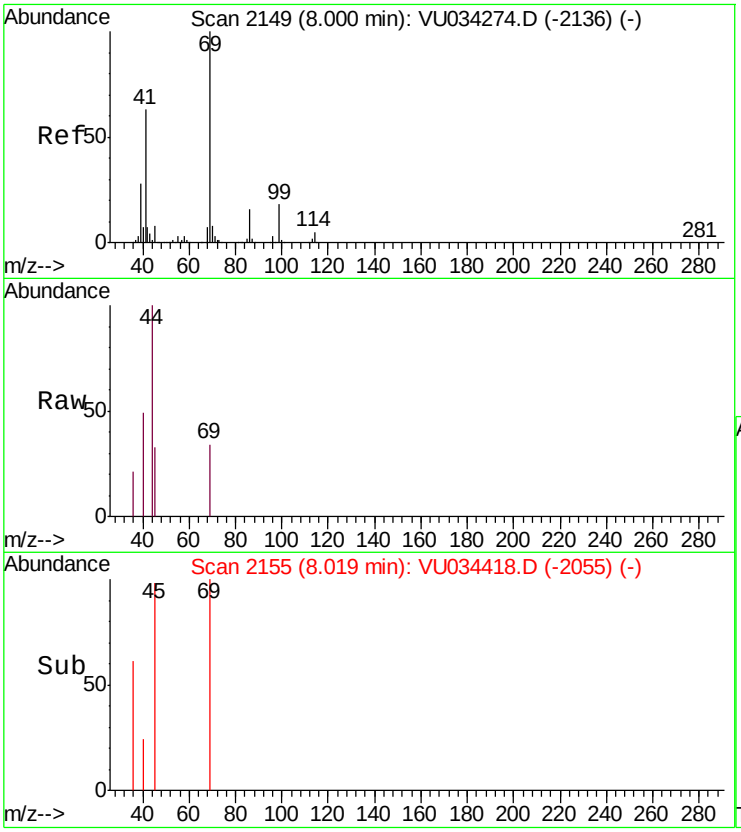


#51
4-Methyl-2-Pentanone
Concen: 0.878 ug/l
RT: 7.45 min Scan# 1978
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 43 Resp: 4411

Ion	Ratio	Lower	Upper
43	100		
58	35.9	33.0	49.4



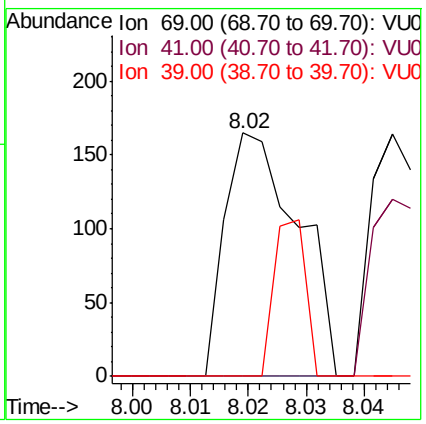


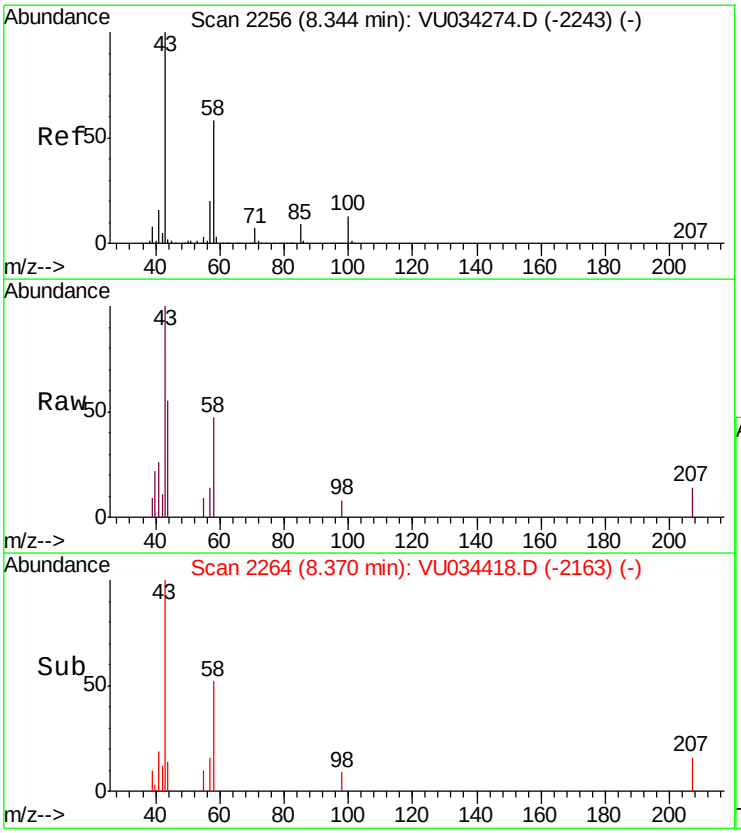
#56
Ethyl methacrylate
Concen: 3.101 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.02 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Tgt Ion: 69 Resp: 144

Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.5	74.3#
39	27.8	22.5	33.7

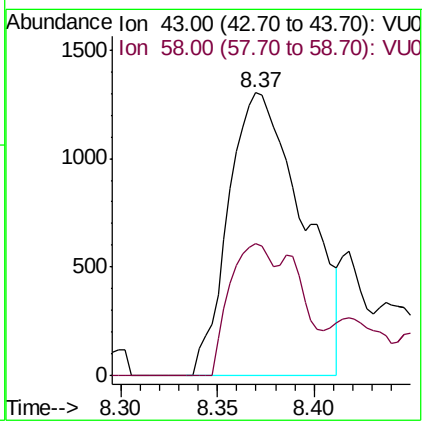


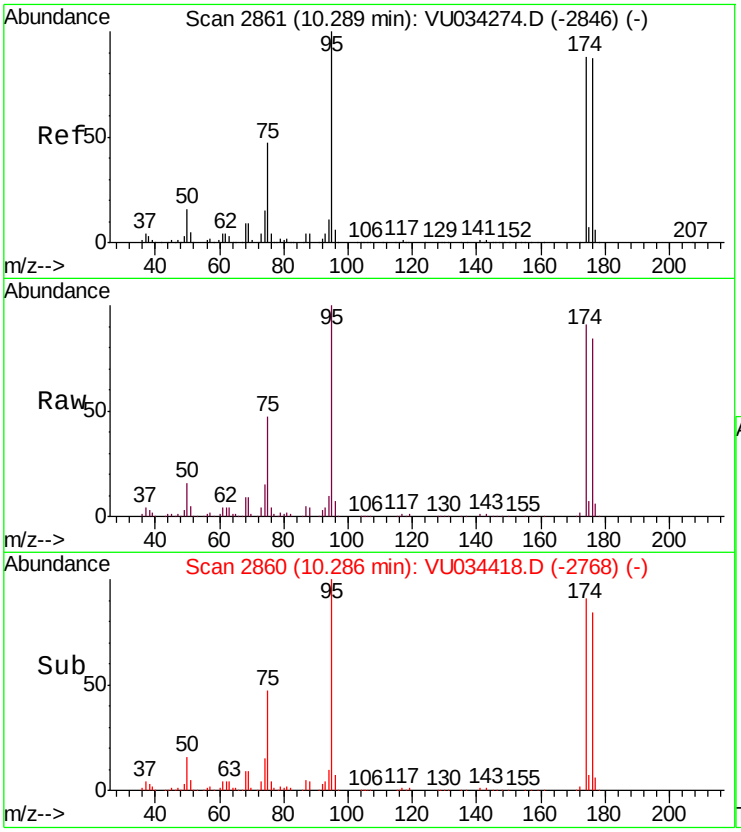


#59
2-Hexanone
Concen: 0.932 ug/l
RT: 8.37 min Scan# 2264
Delta R.T. 0.03 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 43 Resp: 3498

Ion	Ratio	Lower	Upper
43	100		
58	26.6	28.8	86.5#



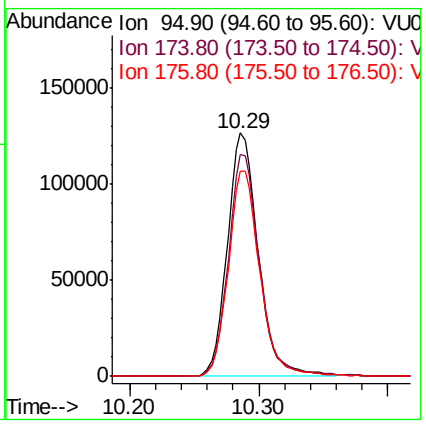


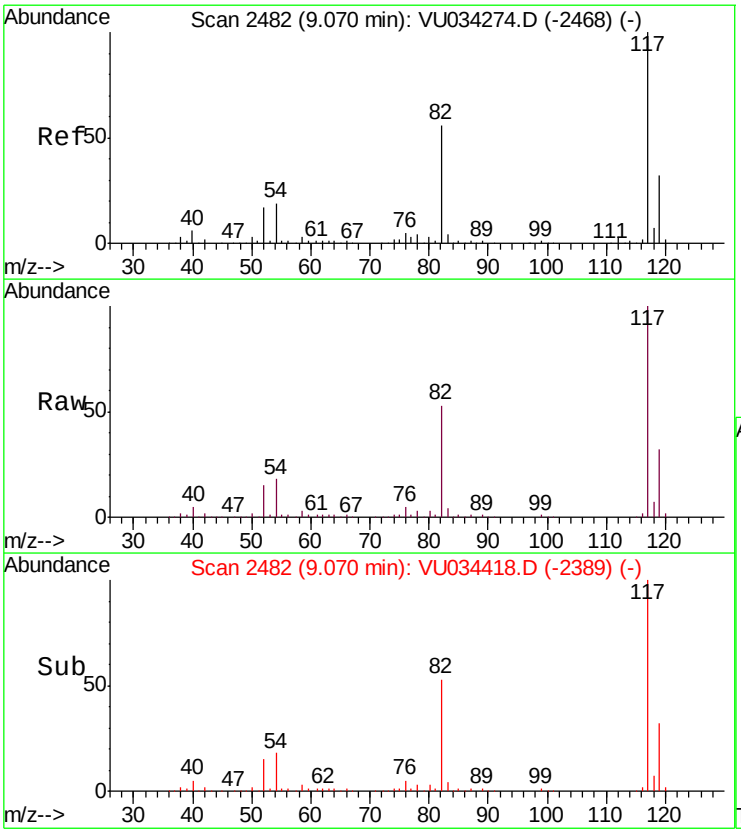
#62
4-Bromofluorobenzene
Concen: 42.753 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Tgt Ion: 95 Resp: 209380

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	175.2
176	86.5	0.0	168.0

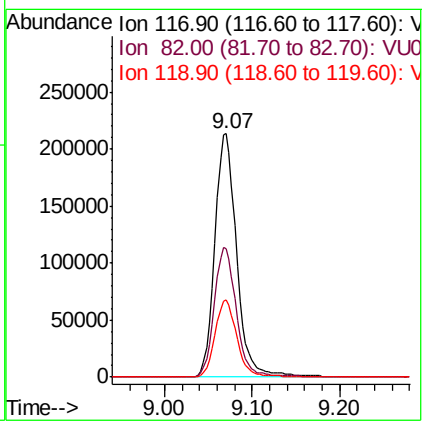


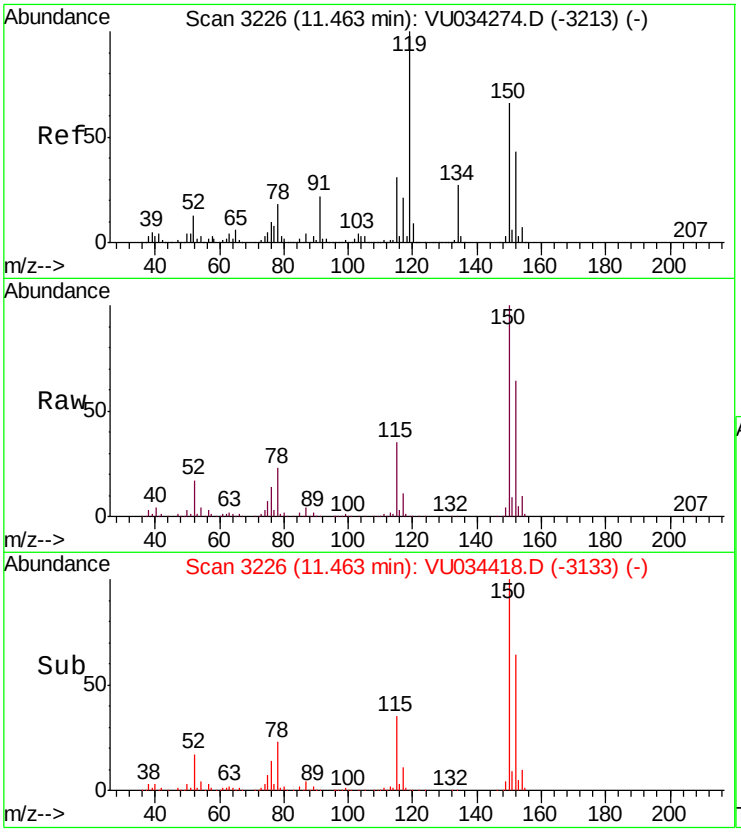


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion:117 Resp: 370952

Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.6	67.0
119	31.7	25.9	38.9



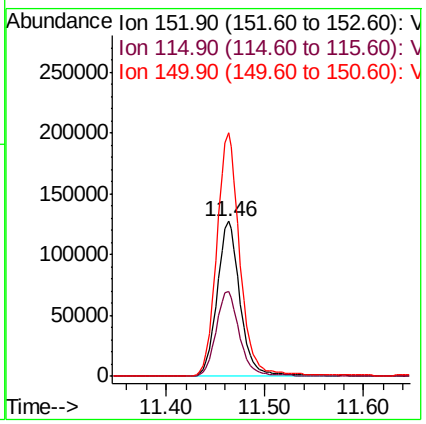


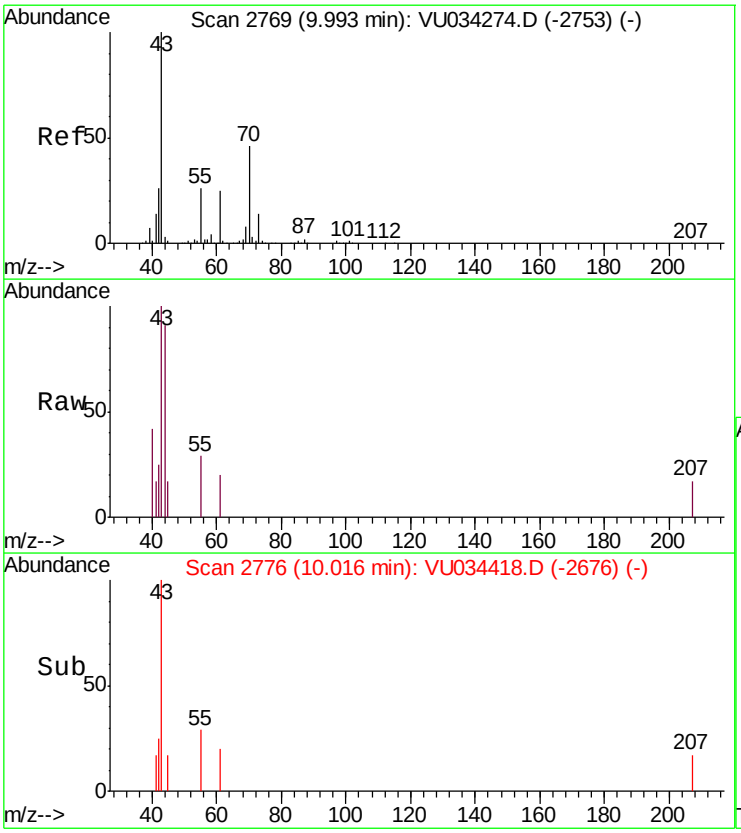
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument : MSVOA_U
ClientSampleId : VU0909WBL01

Tgt Ion:152 Resp: 209971

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.3
150	156.4	0.0	345.4

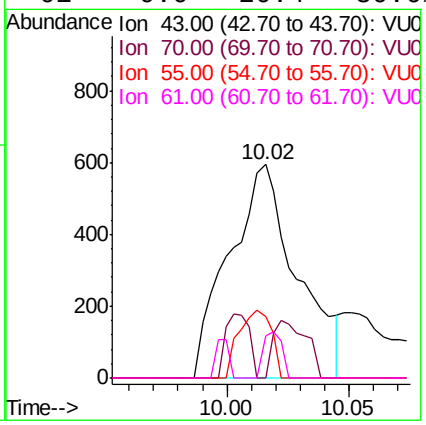


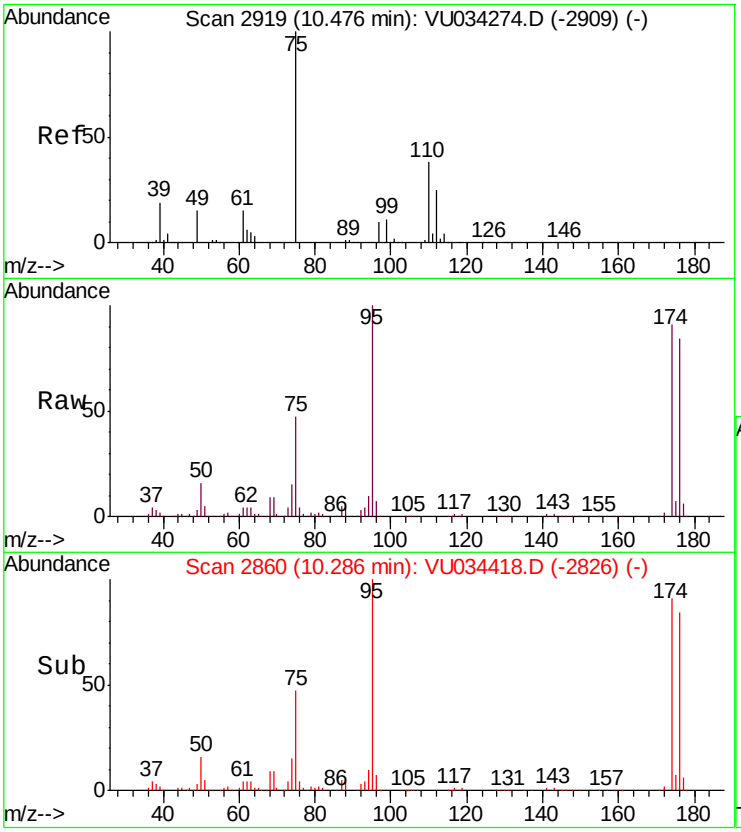


#74
N-amyl acetate
Concen: 0.207 ug/l
RT: 10.02 min Scan# 2776
Delta R.T. 0.02 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 43 Resp: 1141

Ion	Ratio	Lower	Upper
43	100		
70	13.3	36.4	54.6#
55	15.2	21.2	31.8#
61	0.0	20.4	30.6#



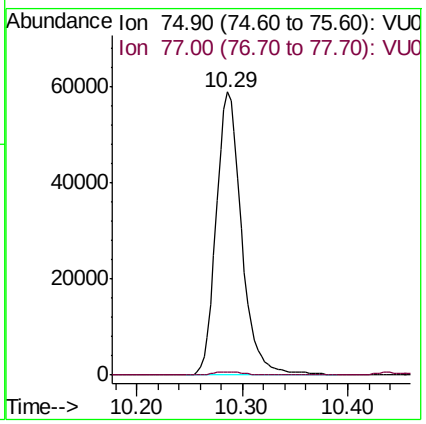


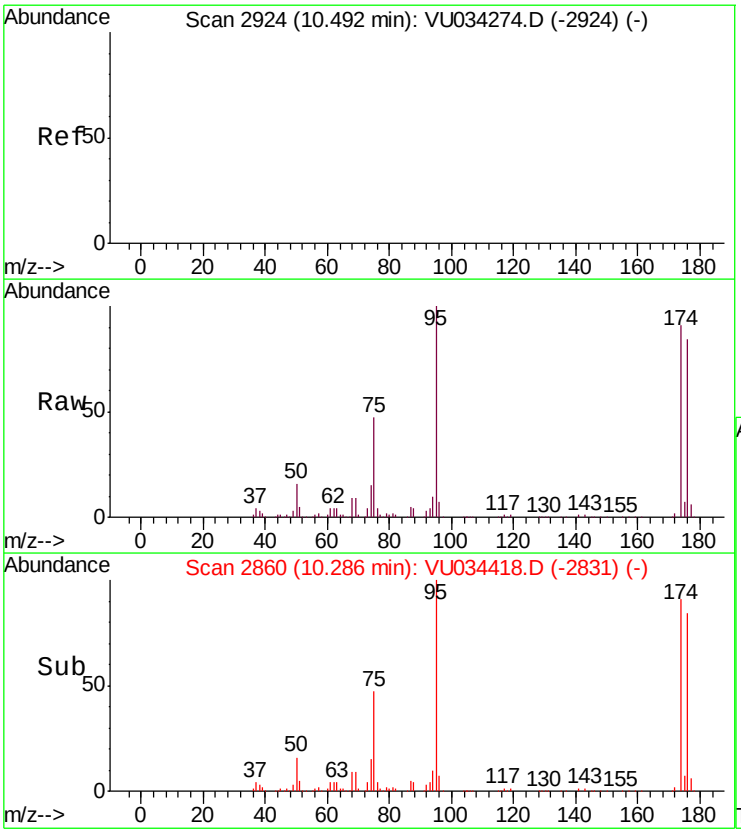
#76
1,2,3-Trichloropropane
Concen: 21.503 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion: 75 Resp: 98556

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.8	62.2#

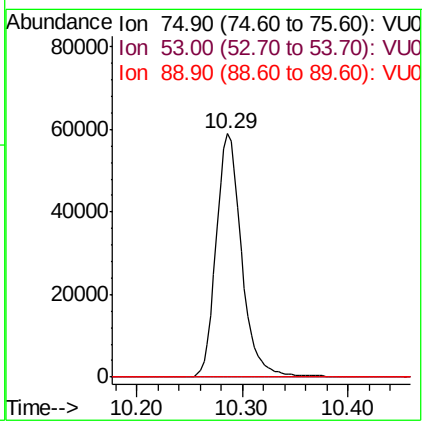


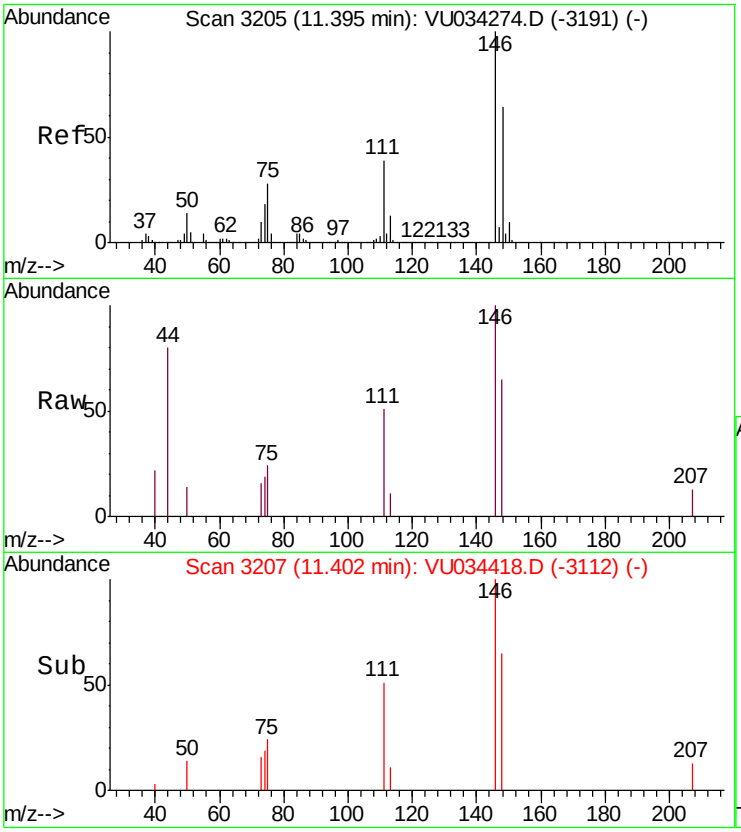


#81
trans-1,4-Dichloro-2-butene
Concen: 72.314 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.21 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion: 75 Resp: 98556

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



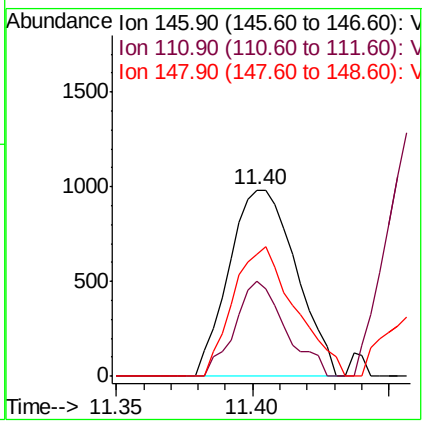


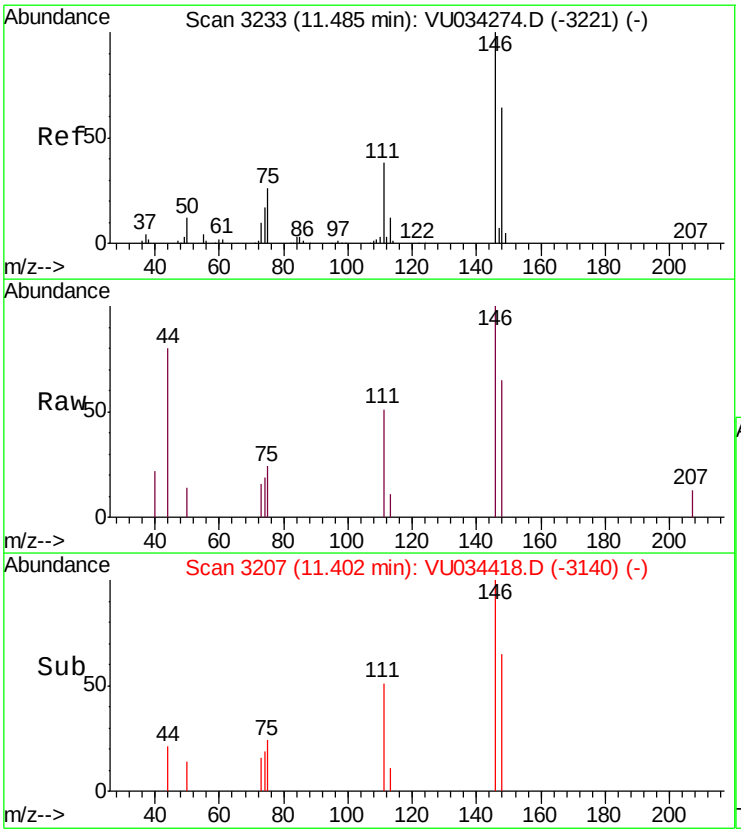
#87
1,3-Dichlorobenzene
Concen: 0.241 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion:146 Resp: 1678

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.5	58.5
148	64.5	32.1	96.3

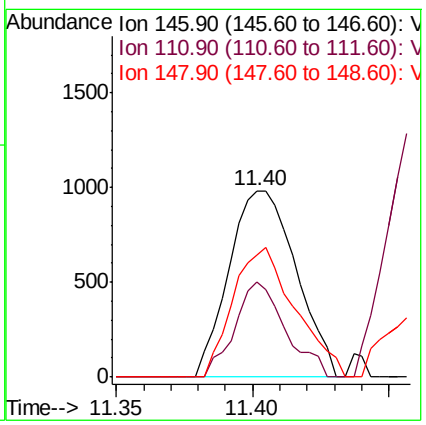


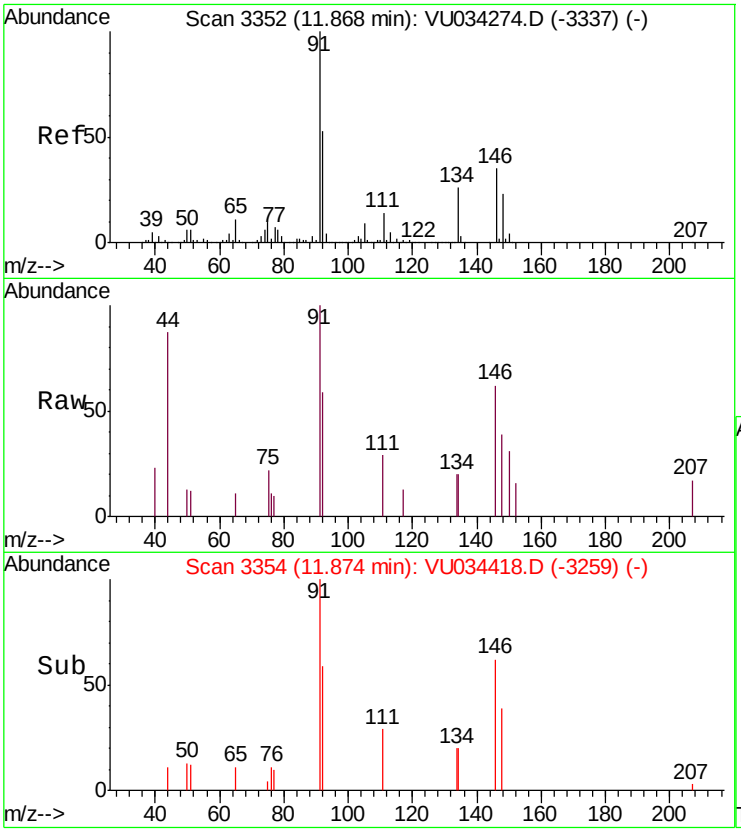


#88
1,4-Dichlorobenzene
Concen: 0.231 ug/l
RT: 11.40 min Scan# 3207
Delta R.T. -0.08 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion:146 Resp: 1678

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	64.5	32.0	96.0



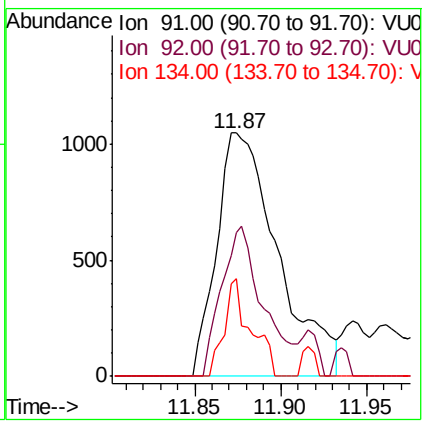


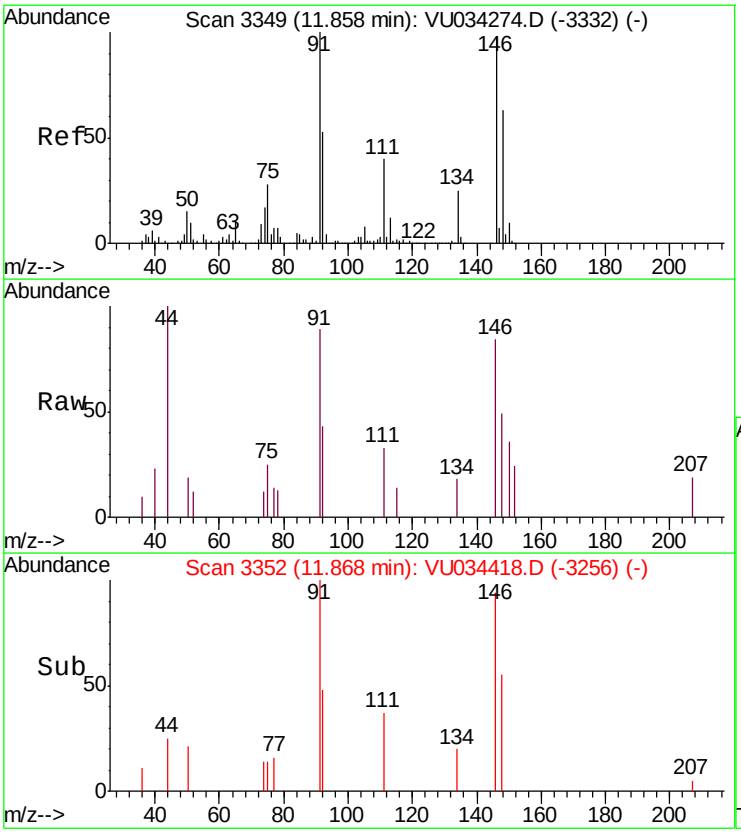
#89
n-Butylbenzene
Concen: 0.241 ug/l
RT: 11.87 min Scan# 3354
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion: 91 Resp: 2606

Ion	Ratio	Lower	Upper
91	100		
92	42.2	26.5	79.4
134	17.3	13.2	39.6

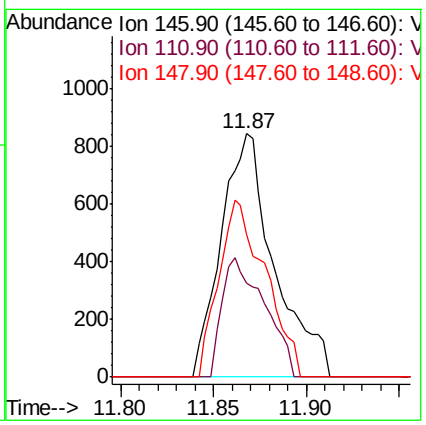


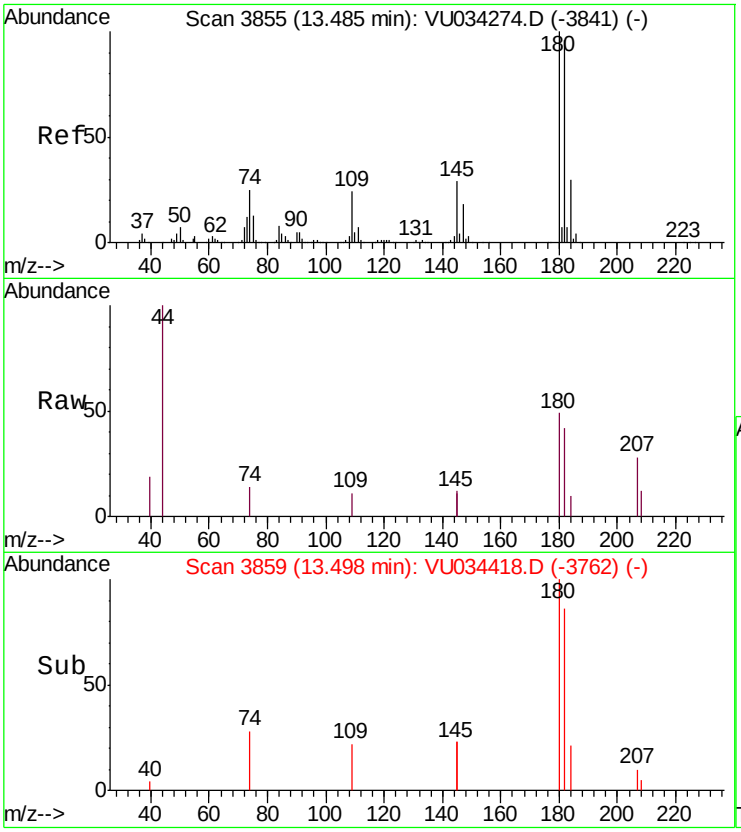


#91
1,2-Dichlorobenzene
Concen: 0.245 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion:146 Resp: 1681

Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	63.4	31.6	94.8



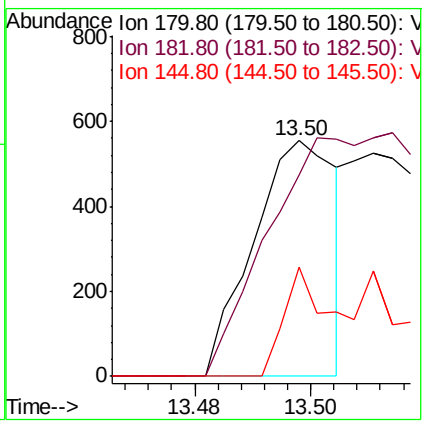


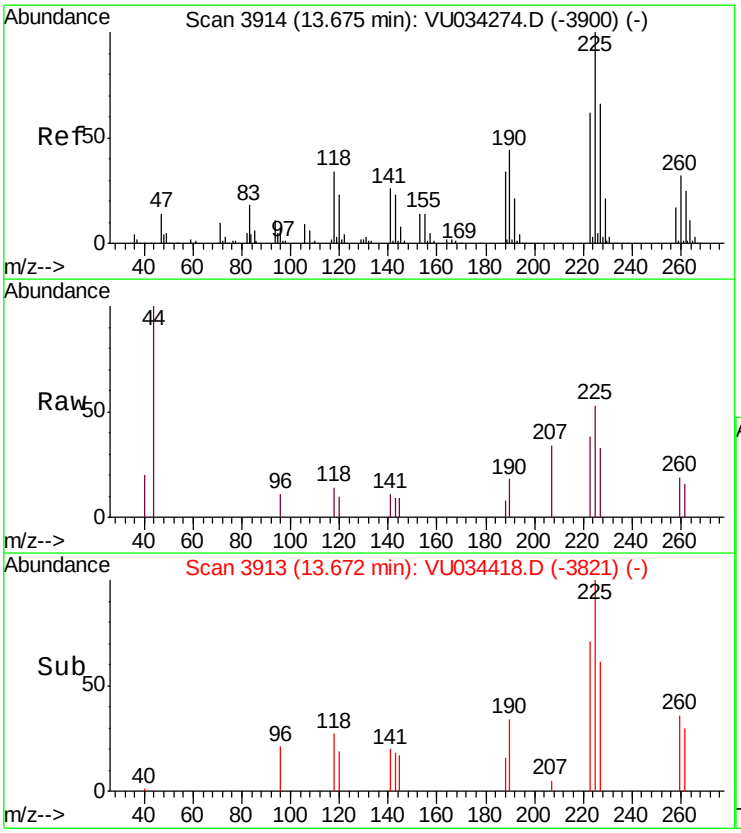
#93
1,2,4-Trichlorobenzene
Concen: 3.555 ug/l
RT: 13.50 min Scan# 3859
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion:180 Resp: 550

Ion	Ratio	Lower	Upper
180	100		
182	110.2	47.9	143.8
145	28.2	14.4	43.0

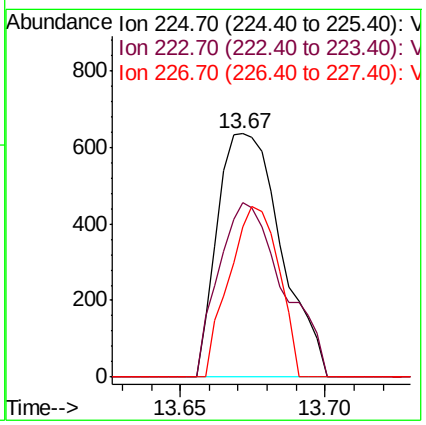


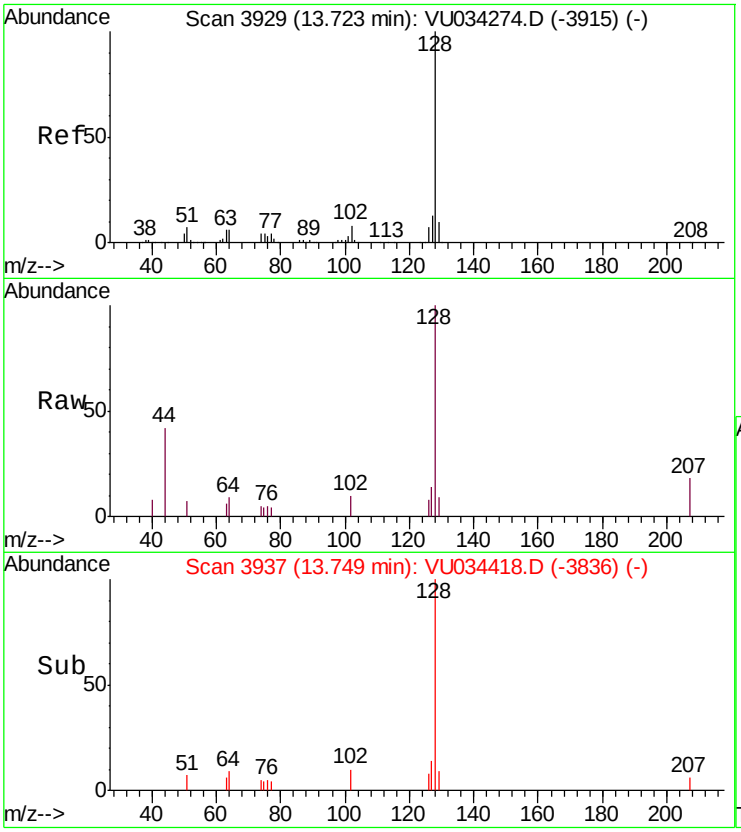


#94
Hexachlorobutadiene
Concen: 0.406 ug/l
RT: 13.67 min Scan# 3913
Delta R.T. -0.00 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion:225 Resp: 972

Ion	Ratio	Lower	Upper
225	100		
223	72.4	31.6	94.7
227	54.4	32.3	96.8



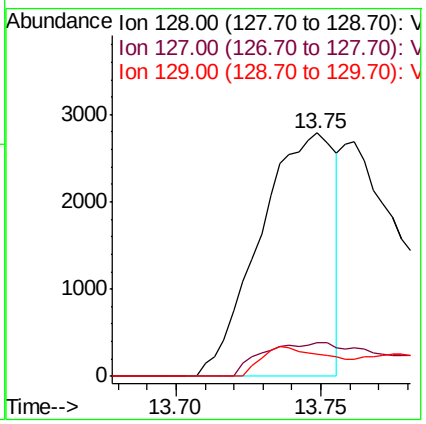


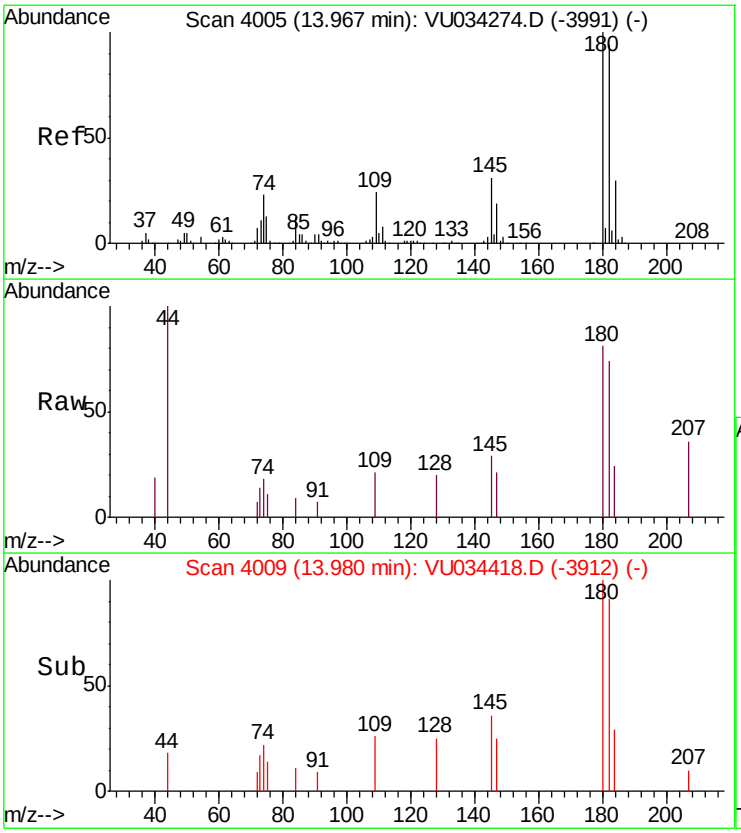
#95
Naphthalene
Concen: 4.295 ug/l
RT: 13.75 min Scan# 3937
Delta R.T. 0.03 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Instrument :
MSVOA_U
ClientSampleId :
VU0909WBL01

Tgt Ion:128 Resp: 5006

Ion	Ratio	Lower	Upper
128	100		
127	23.8	10.6	15.8#
129	11.4	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 3.204 ug/l
RT: 13.98 min Scan# 4009
Delta R.T. 0.01 min
Lab File: VU034418.D
Acq: 09 Sep 2019 09:23

Tgt Ion:180 Resp: 2865

Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.4	145.0
145	30.6	15.4	46.4