Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034448.D
Acq On : 10 Sep 2019 14:02
Operator : JC/SP
Sample : K4602-34
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PAR-D1-(0)

Quant Time: Sep 11 05:54:51 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	232562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	366197	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	378887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	207723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	199502	56.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.40%			
35) Dibromofluoromethane	4.86	113	177881	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.40%			
50) Toluene-d8	7.55	98	645193	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.80%			
62) 4-Bromofluorobenzene	10.29	95	215325	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.12%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	552	Below Cal	#	79
6) Chloroethane	1.69	64	111	Below Cal	#	43
8) Diethyl Ether	2.10	74	1051	0.588	ug/l	97
10) Methyl Iodide	2.41	142	225	3.931	ug/l #	66
11) Tert butyl alcohol	2.82	59	4573	6.152	ug/l #	73
16) Acetone	2.31	43	12220	6.711	ug/l	97
18) Methyl Acetate	2.61	43	3452	0.779	ug/l #	89
20) Methylene Chloride	2.69	84	11303	3.417	ug/l	97
31) Cyclohexane	4.96	56	3768	0.914	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	15729	3.961	ug/l #	49
38) Carbon Tetrachloride	4.96	117	20968	4.945	ug/l #	16
43) Isopropyl Acetate	5.53	43	56215	7.674	ug/l	99
45) 1,2-Dichloropropane	6.68	63	1221	0.326	ug/l #	44
48) Methyl methacrylate	6.68	41	89925	25.848	ug/l #	36
49) 1,4-Dioxane	6.68	88	19	0.250	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	49665	9.795	ug/l #	47
54) cis-1,3-Dichloropropene	7.40	75	27609	5.013	ug/l #	62
56) Ethyl methacrylate	7.97	69	189	3.109	ug/l #	28
57) 1,3-Dichloropropane	8.40	76	4501	0.757	ug/l #	43
59) 2-Hexanone	8.40	43	59588	15.732	ug/l #	53
74) N-amyl acetate	9.92	43	1458	0.268	ug/l #	44
76) 1,2,3-Trichloropropane	10.29	75	103510	22.829	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	103510	76.771	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.54	180	43	3.460	ug/l #	12
95) Naphthalene	13.78	128	381	3.991	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.00	180	54	2.649	ug/l #	72

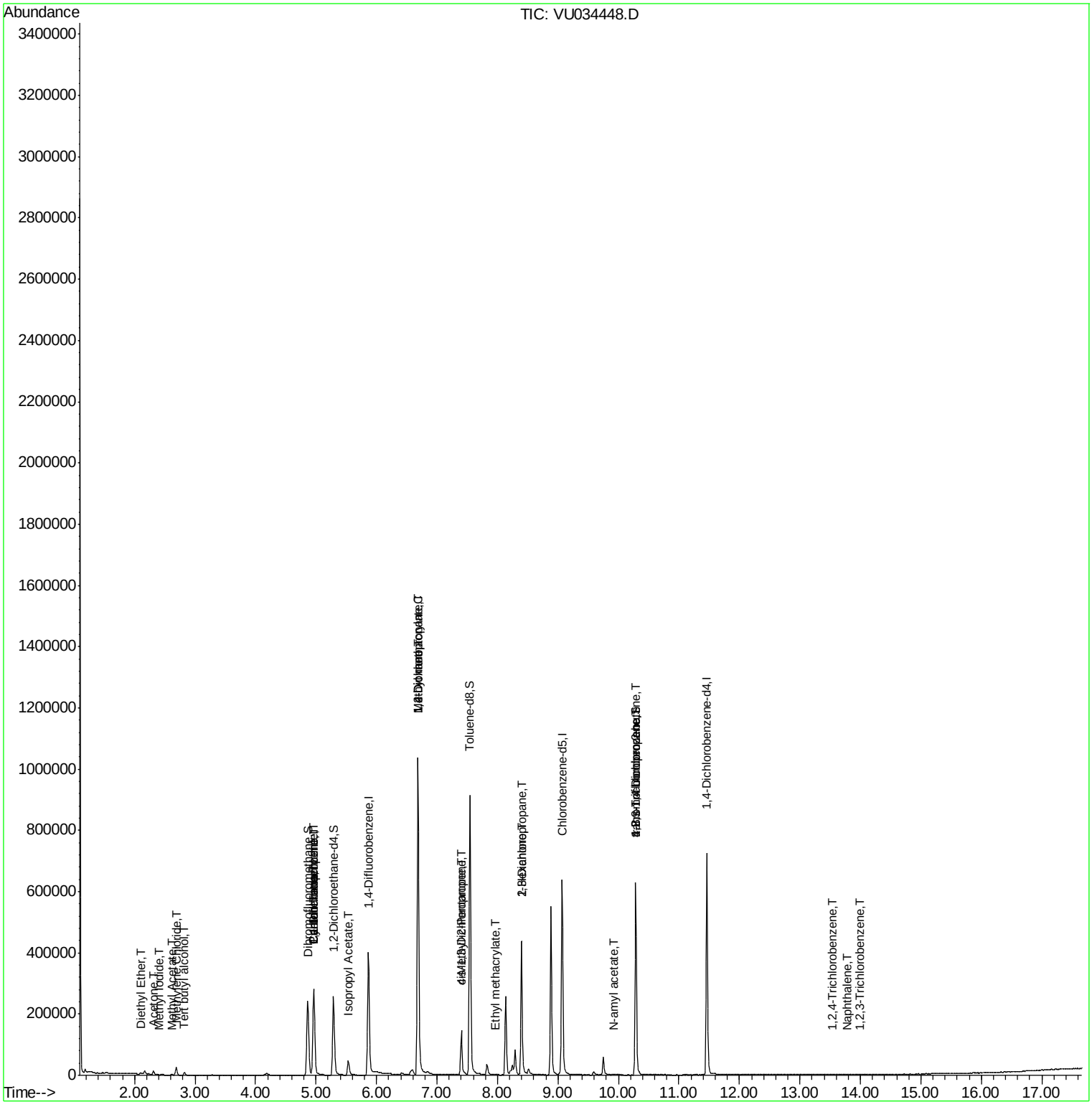
(#) = qualifier out of range (m) = manual integration (+) = signals summed

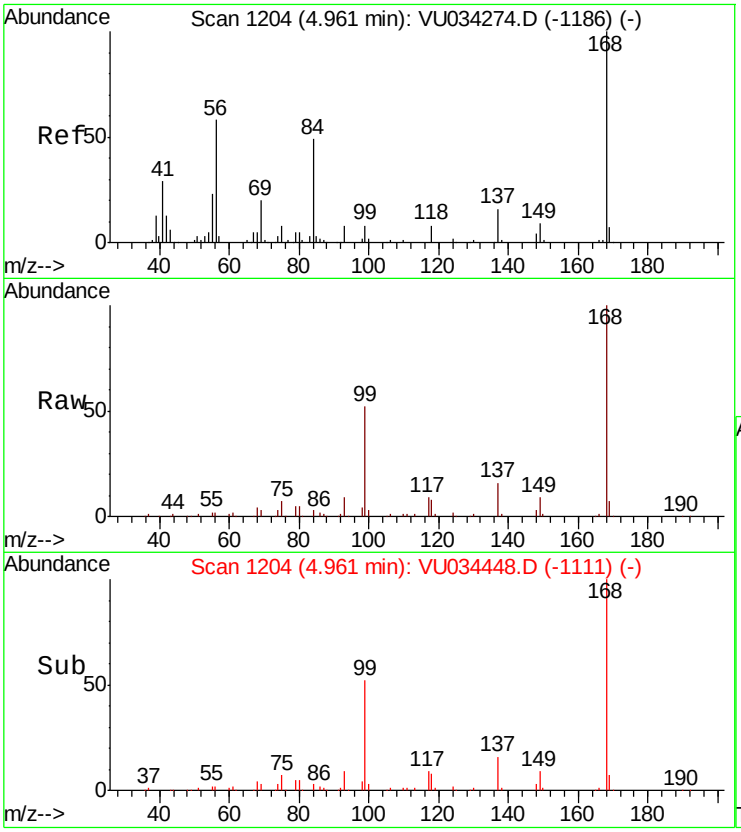
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034448.D
Acq On : 10 Sep 2019 14:02
Operator : JC/SP
Sample : K4602-34
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Quant Time: Sep 11 05:54:51 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



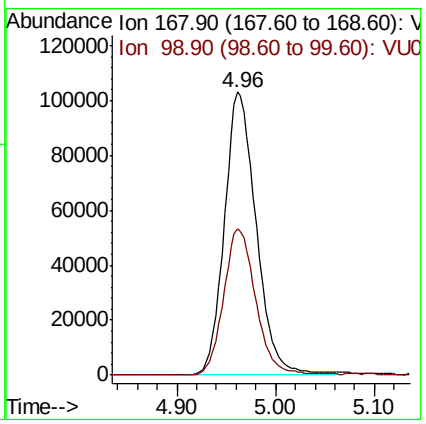


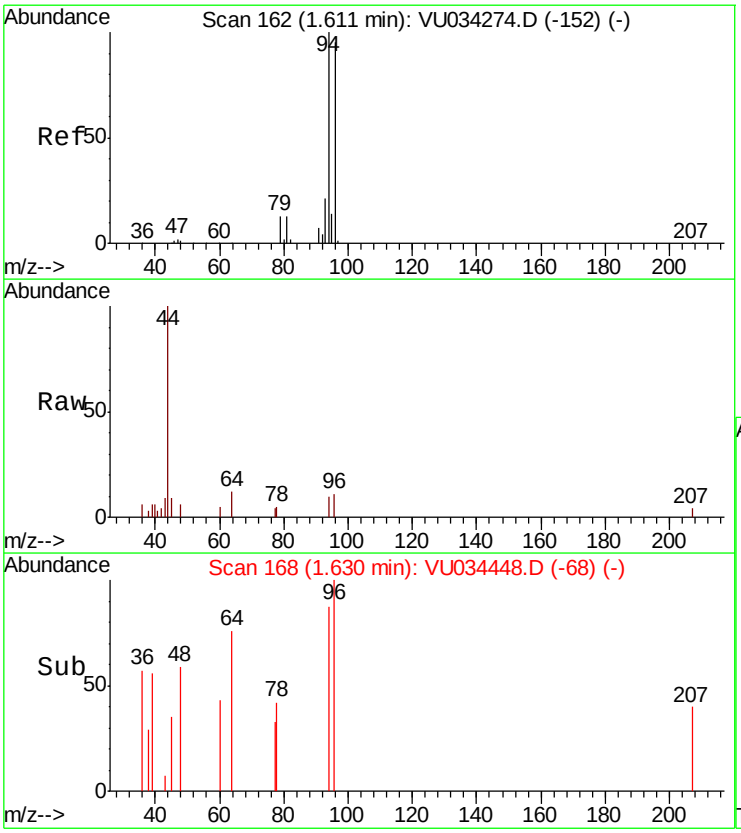
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion:168 Resp: 232562

Ion	Ratio	Lower	Upper
168	100		
99	51.5	41.6	62.4

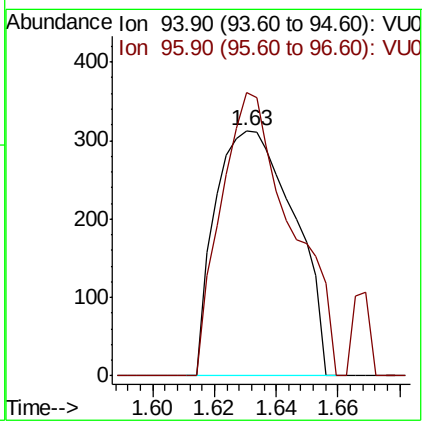


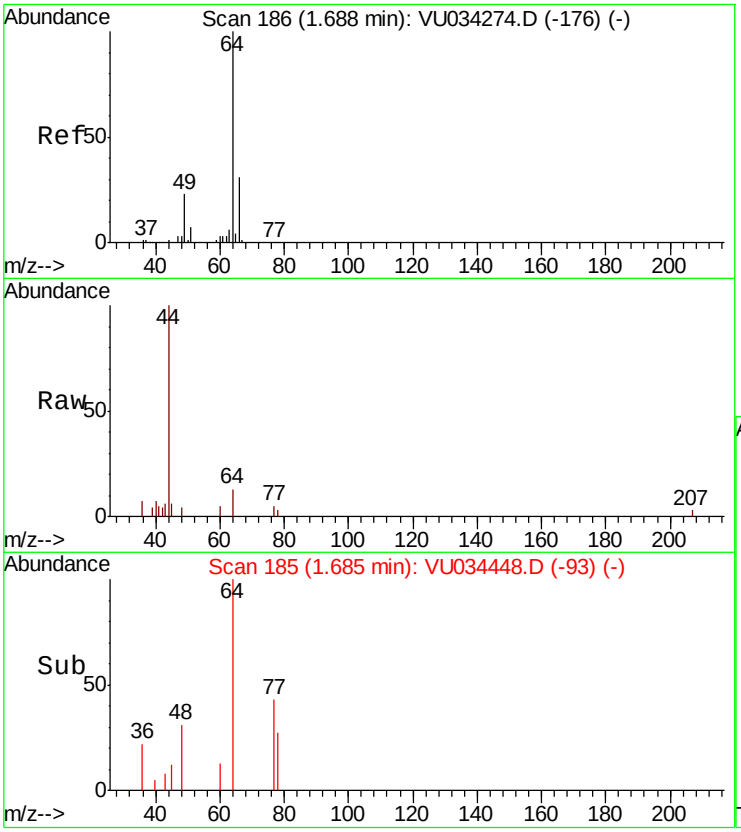


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 168
Delta R.T. 0.02 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 94 Resp: 552

Ion	Ratio	Lower	Upper
94	100		
96	115.3	75.7	113.5#



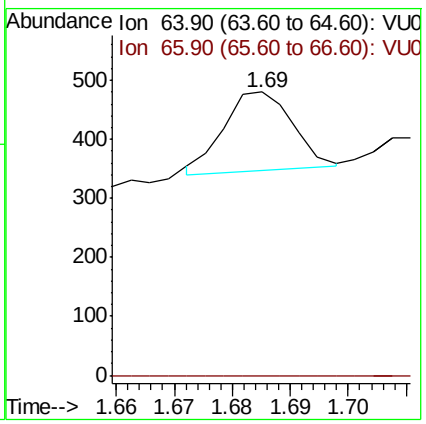


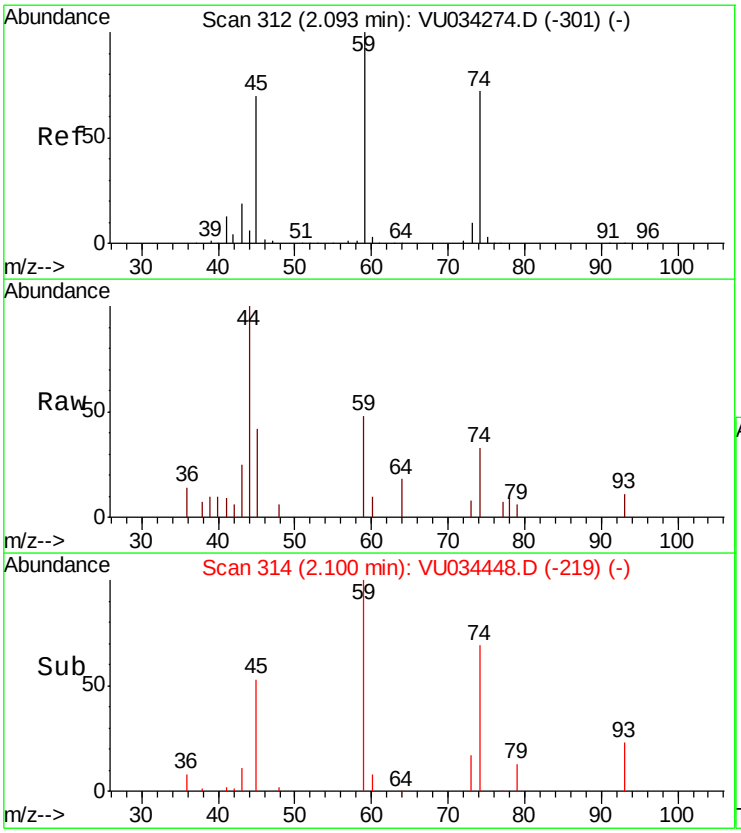
#6
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 185
Delta R.T. -0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 64 Resp: 111

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#

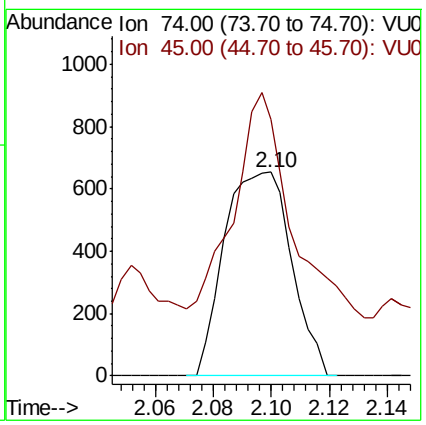


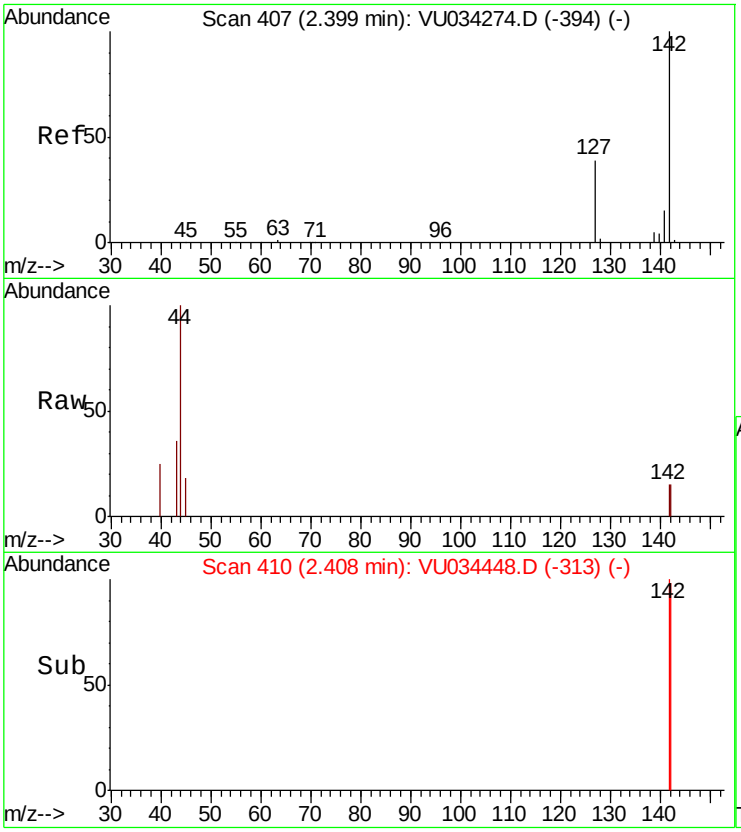


#8
Diethyl Ether
Concen: 0.588 ug/l
RT: 2.10 min Scan# 314
Delta R.T. 0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 74 Resp: 1051

Ion	Ratio	Lower	Upper
74	100		
45	93.1	48.2	144.6



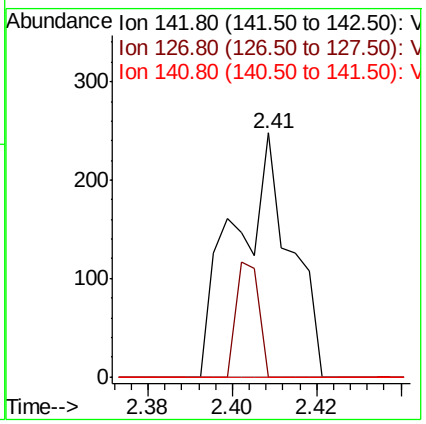


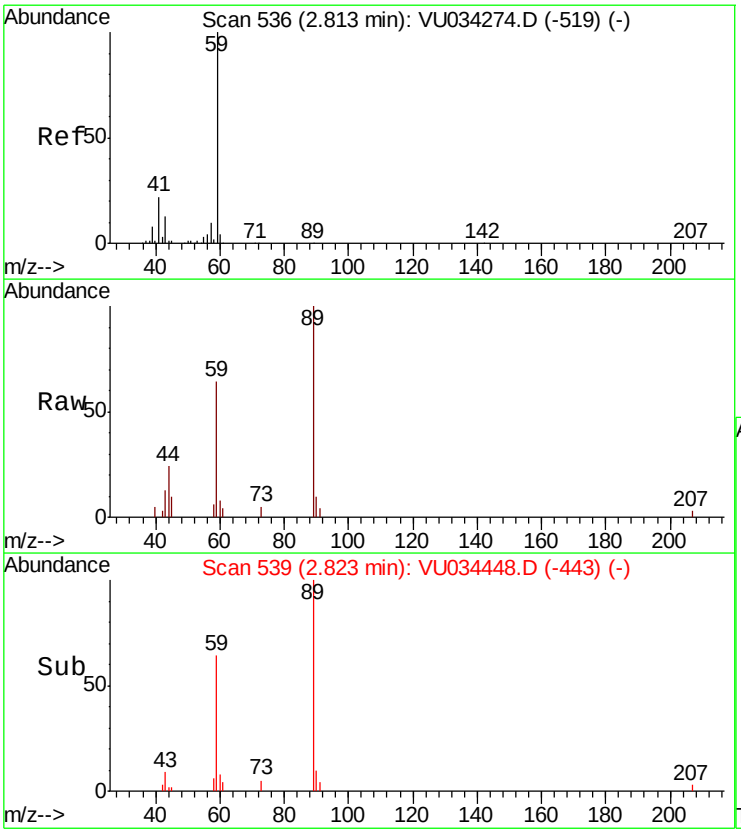
#10
Methyl Iodide
Concen: 3.931 ug/l
RT: 2.41 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion:142 Resp: 225

Ion	Ratio	Lower	Upper
142	100		
127	19.6	32.1	48.1#
141	0.0	11.5	17.3#

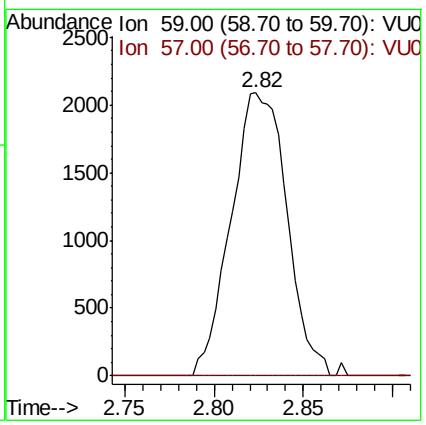


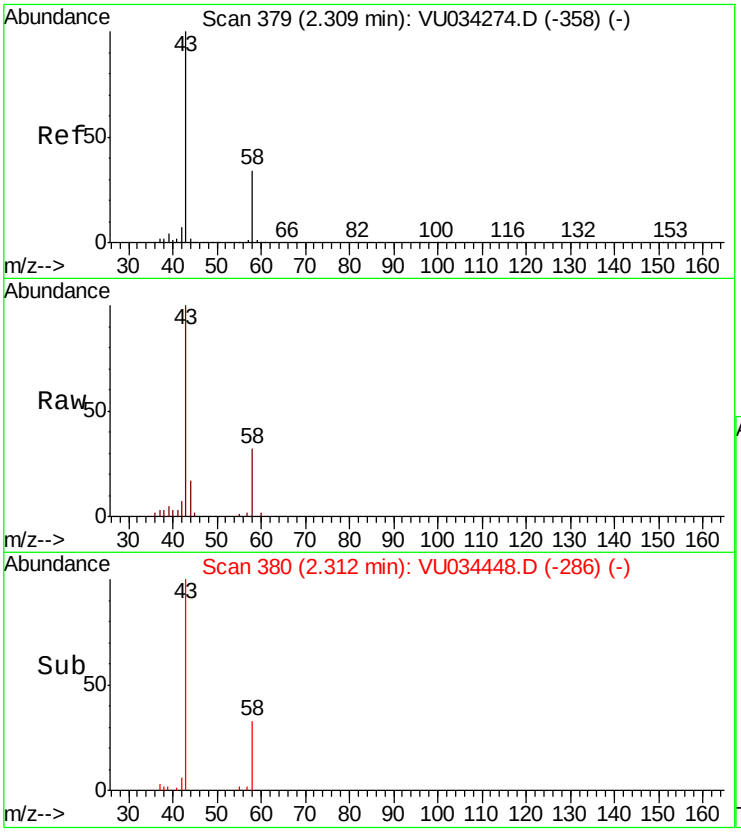


#11
Tert butyl alcohol
Concen: 6.152 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 59 Resp: 4573

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



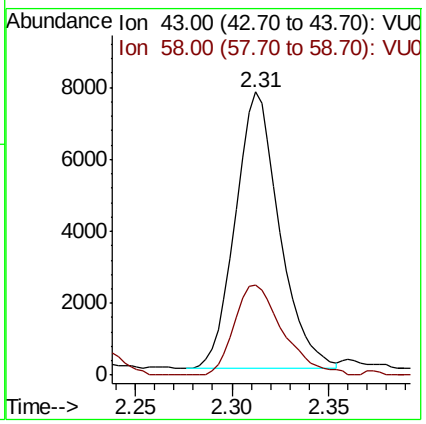


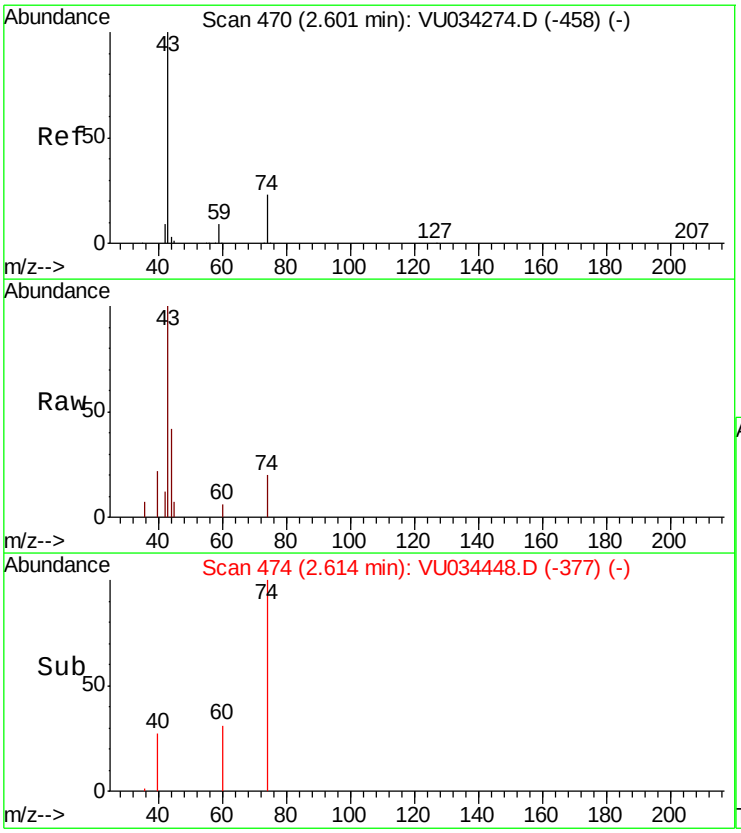
#16
Acetone
Concen: 6.711 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 43 Resp: 12220

Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.6	41.4

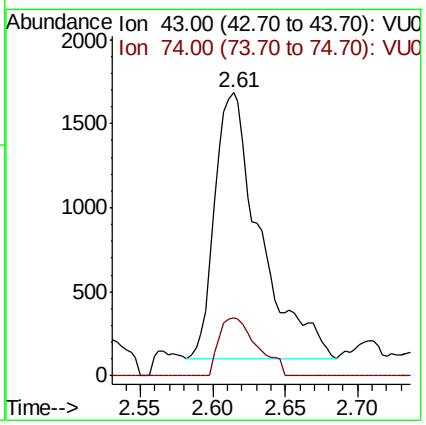


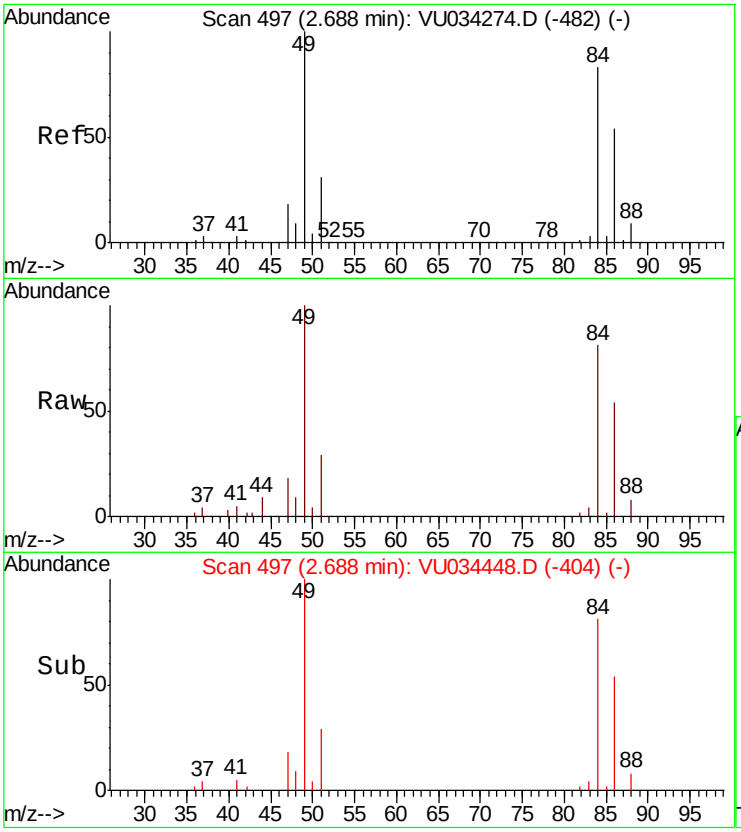


#18
Methyl Acetate
Concen: 0.779 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 43 Resp: 3452

Ion	Ratio	Lower	Upper
43	100		
74	18.3	18.9	28.3#



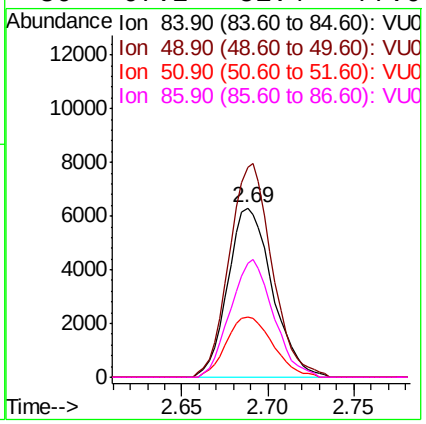


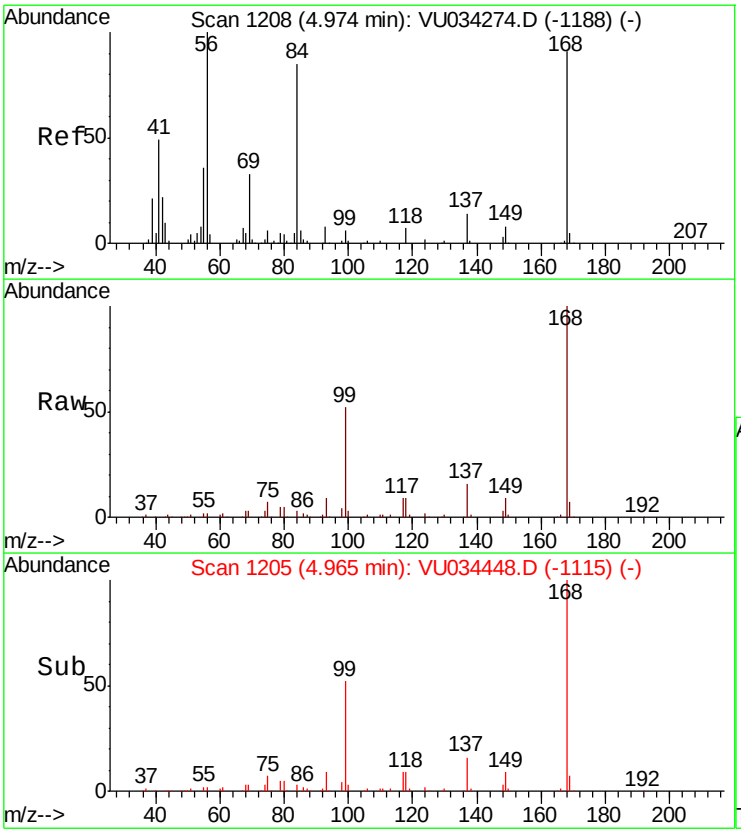
#20
Methylene Chloride
Concen: 3.417 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 84 Resp: 11303

Ion	Ratio	Lower	Upper
84	100		
49	123.8	96.0	144.0
51	35.5	30.0	45.0
86	67.2	51.4	77.0

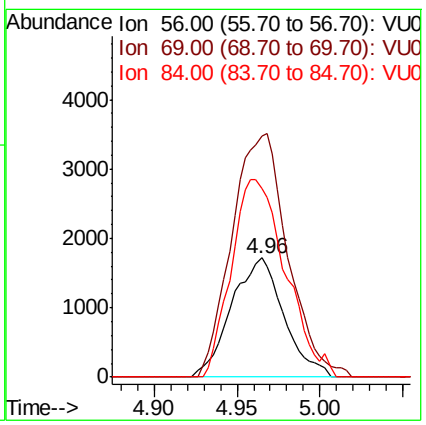


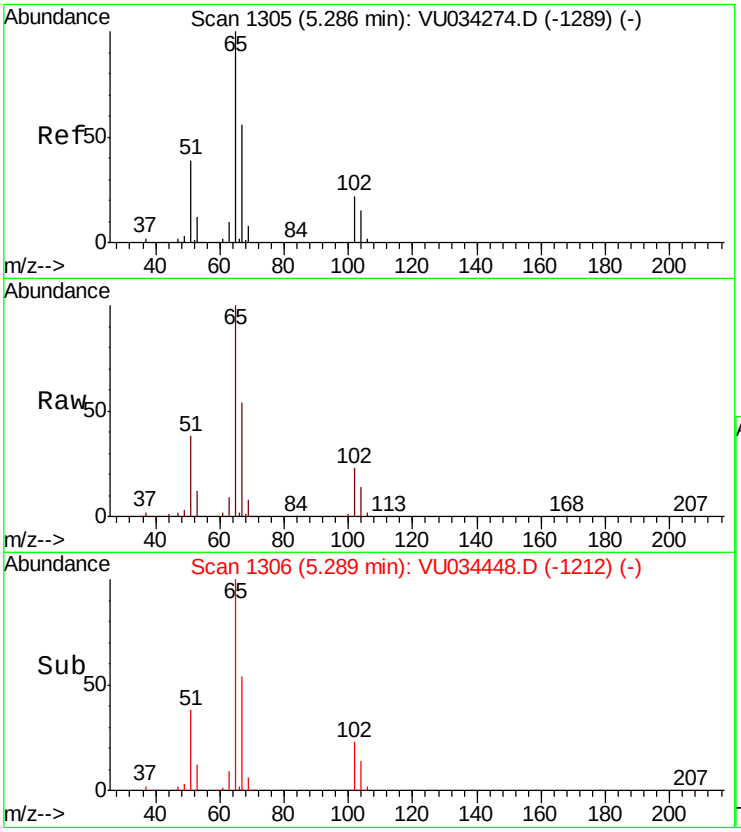


#31
Cyclohexane
Concen: 0.914 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 56 Resp: 3768

Ion	Ratio	Lower	Upper
56	100		
69	203.1	26.7	40.1#
84	158.9	68.2	102.4#



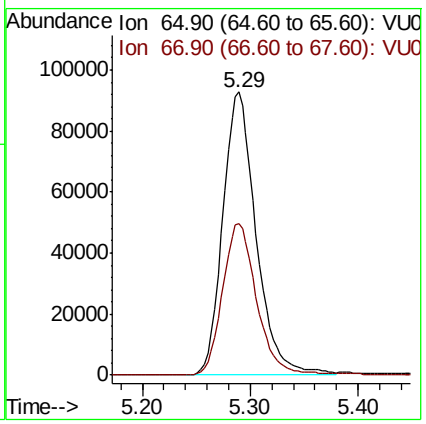


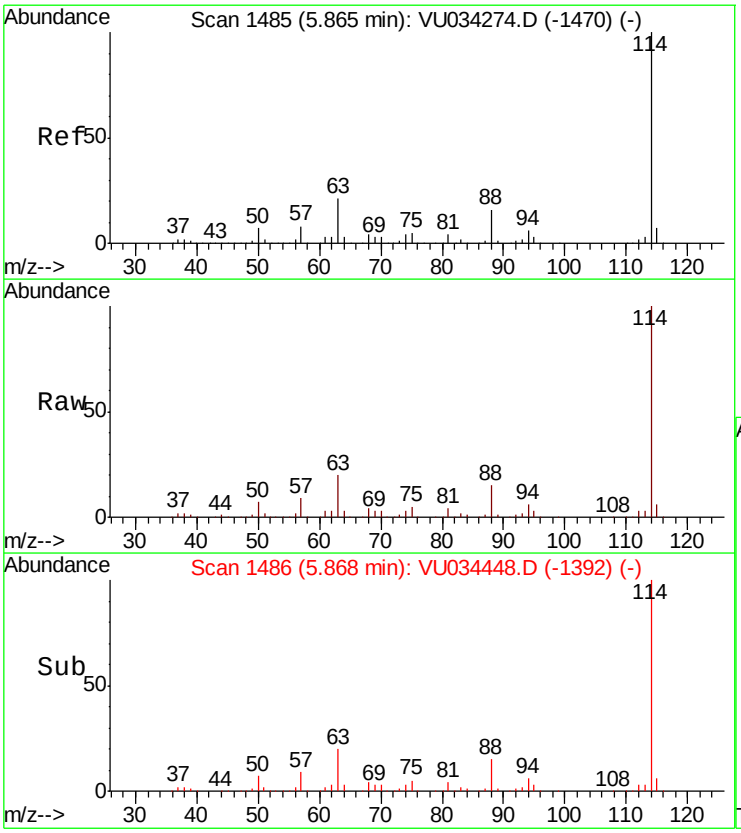
#33
1,2-Dichloroethane-d4
Concen: 56.697 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 65 Resp: 199502

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	112.4

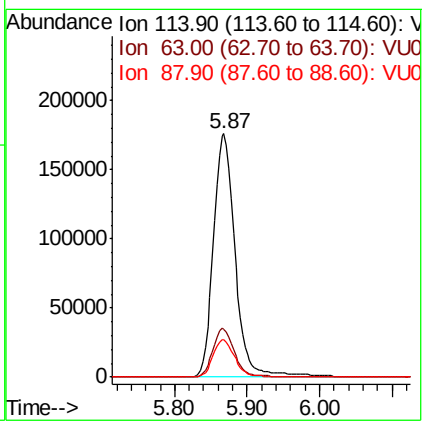


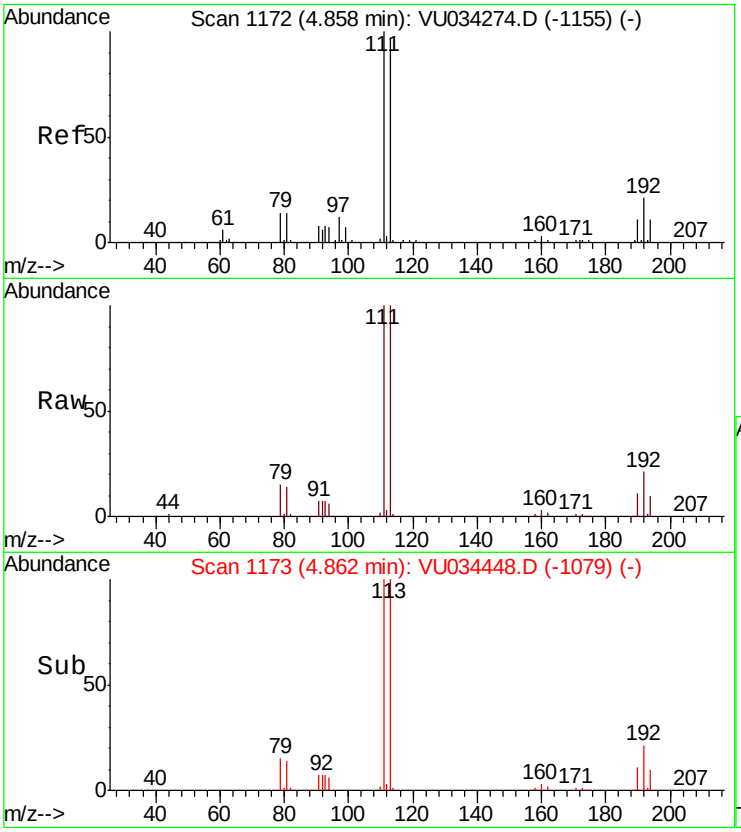


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion:114 Resp: 366197

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.4
88	15.4	0.0	32.4



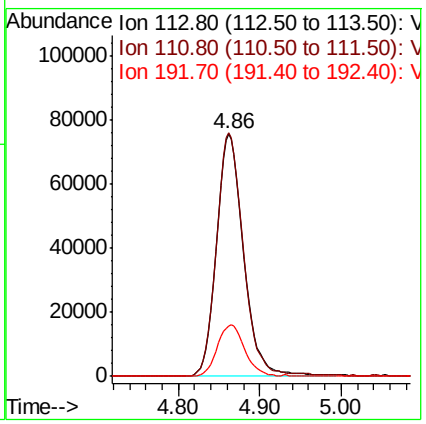


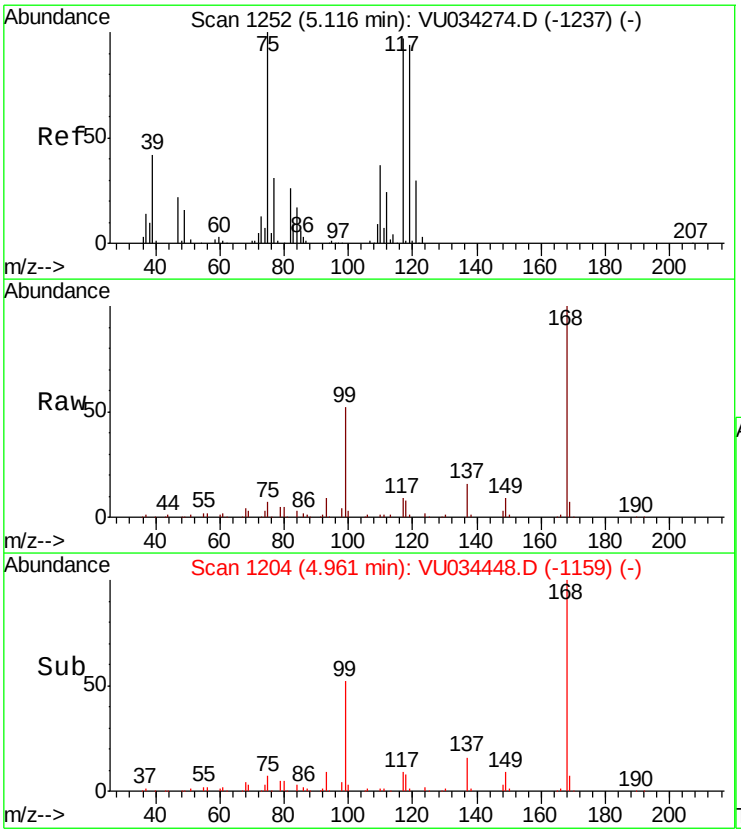
#35
Dibromofluoromethane
Concen: 52.203 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion:113 Resp: 177881

Ion	Ratio	Lower	Upper
113	100		
111	99.3	81.5	122.3
192	21.6	17.8	26.8

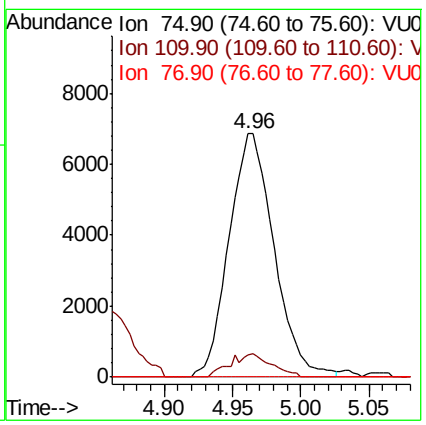


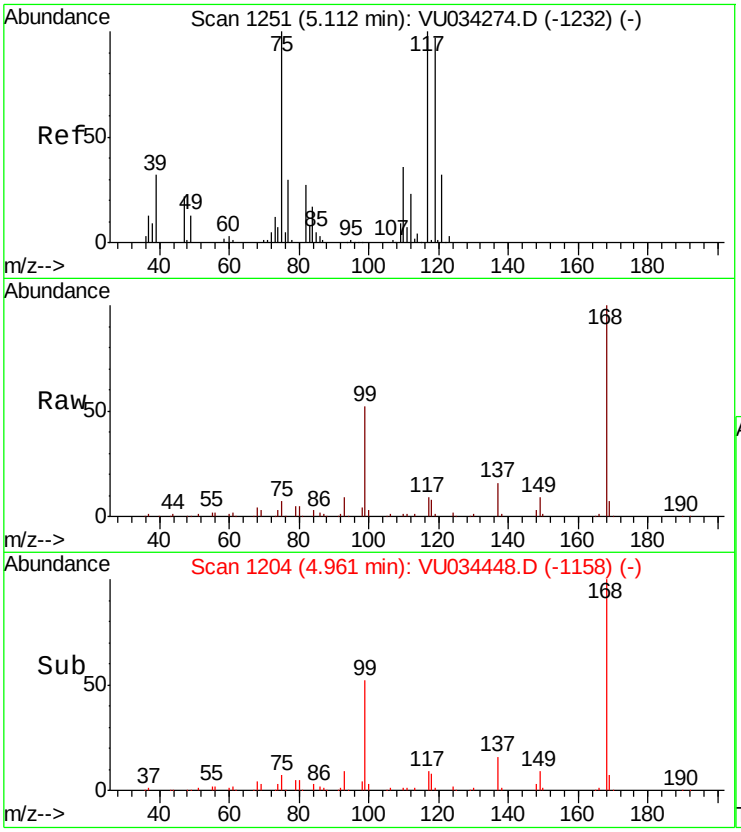


#36
1,1-Dichloropropene
Concen: 3.961 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 75 Resp: 15729

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.3	54.9#
77	0.0	24.9	37.3#



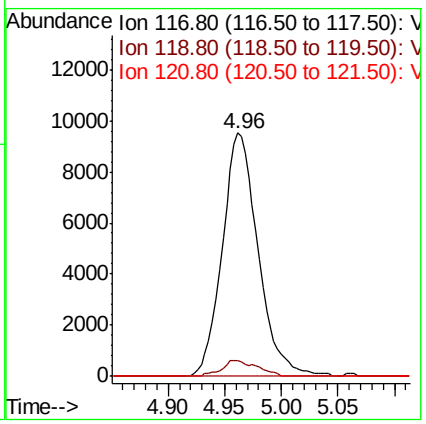


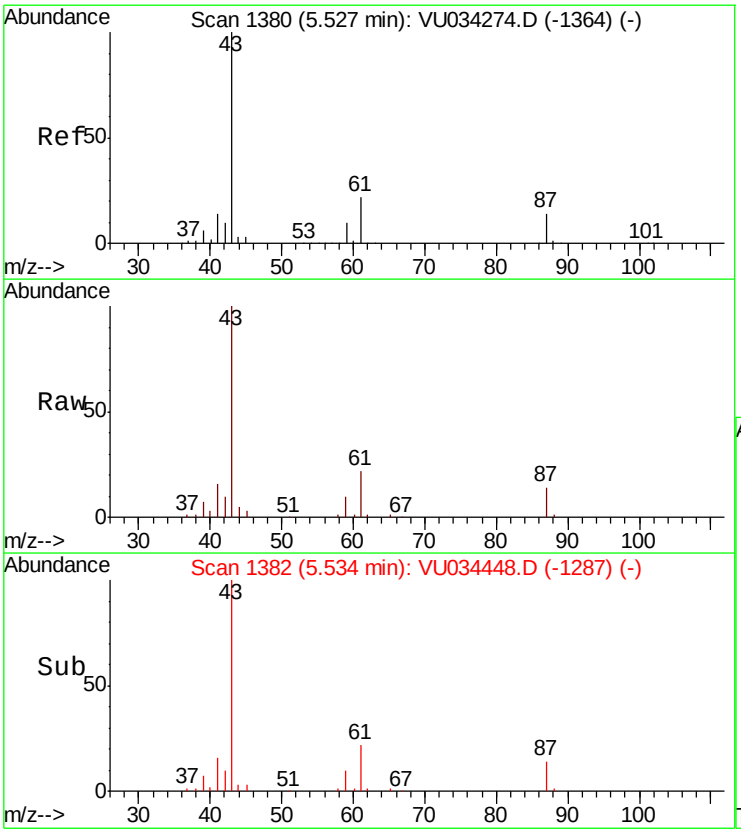
#38
Carbon Tetrachloride
Concen: 4.945 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion:117 Resp: 20968

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.8	116.6#
121	0.0	25.2	37.8#

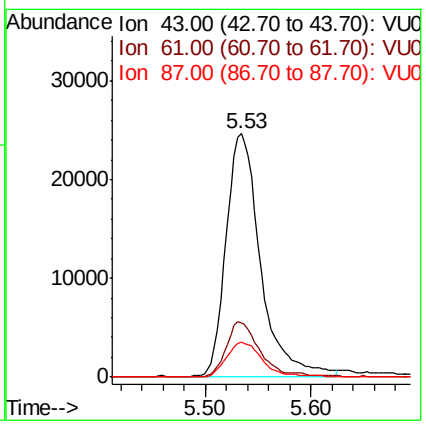


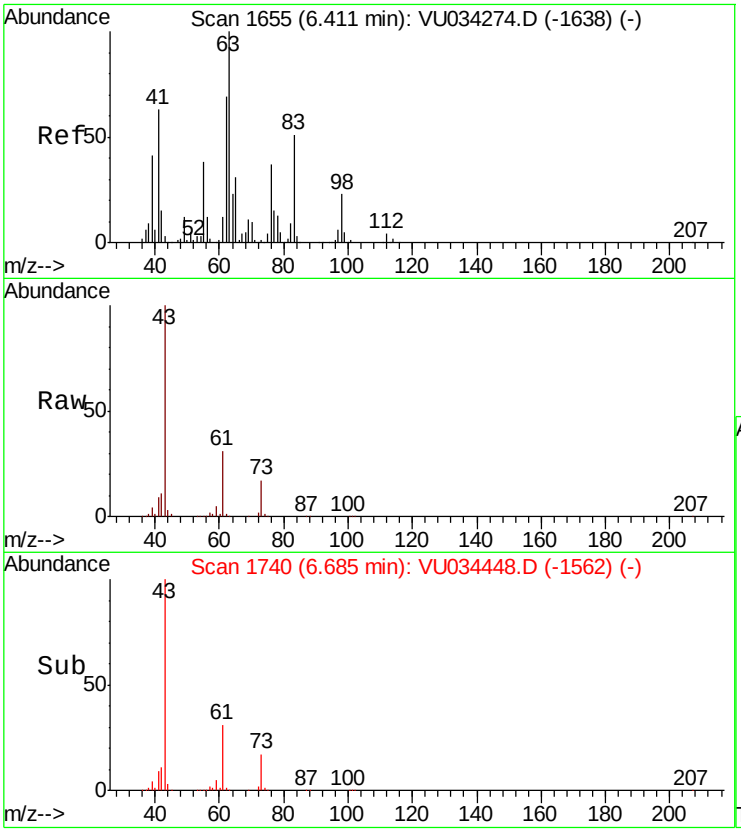


#43
Isopropyl Acetate
Concen: 7.674 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 43 Resp: 56215

Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.1	25.7
87	14.6	11.1	16.7



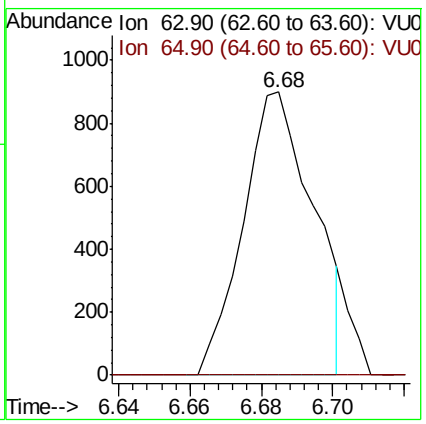


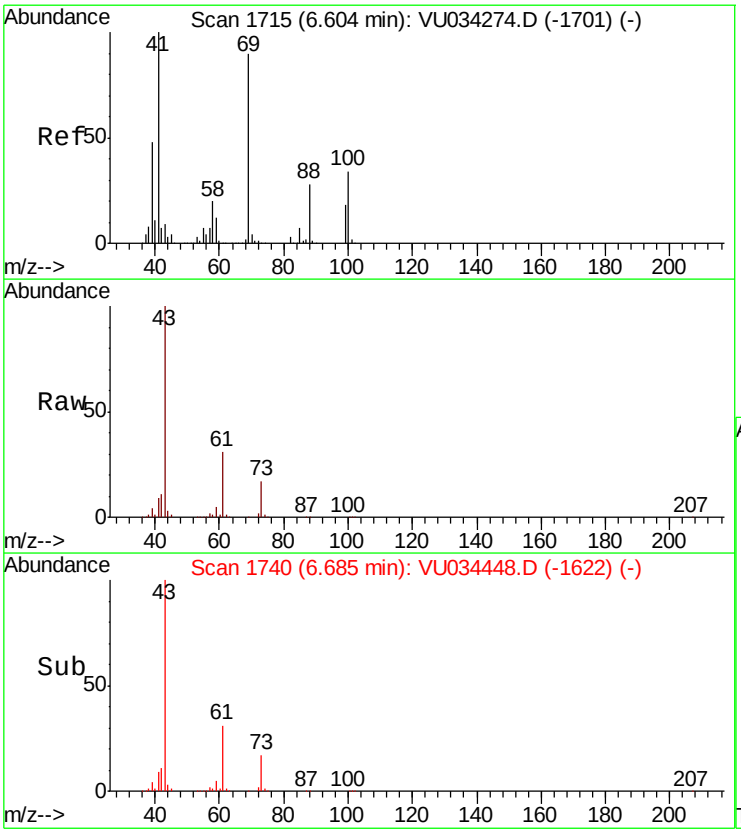
#45
1,2-Dichloropropane
Concen: 0.326 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.27 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 63 Resp: 1221

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

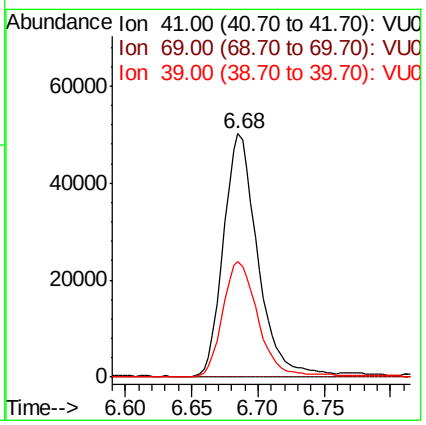


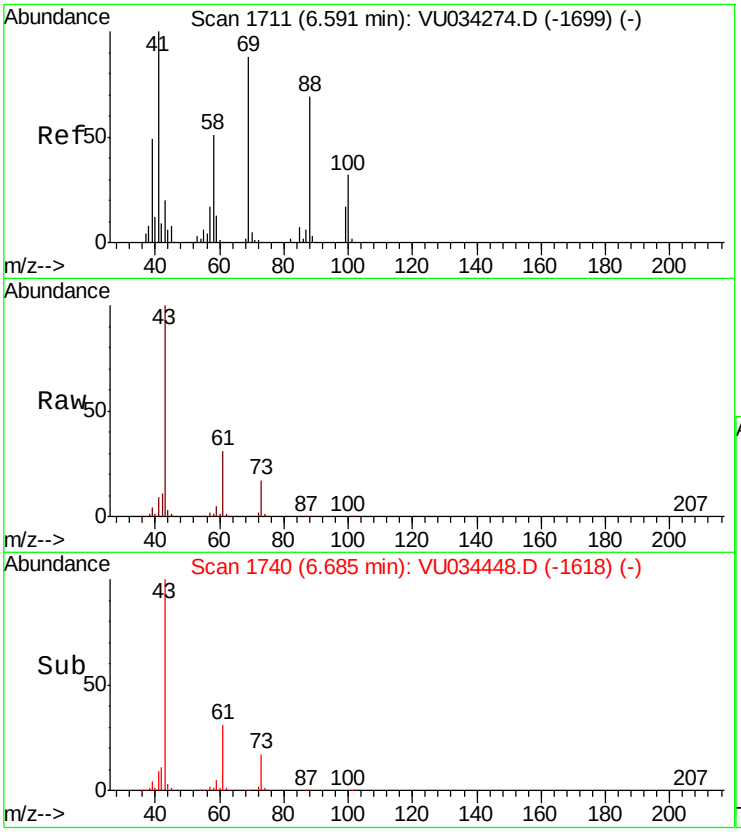


#48
Methyl methacrylate
Concen: 25.848 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 41 Resp: 89925

Ion	Ratio	Lower	Upper
41	100		
69	0.1	72.8	109.2#
39	50.2	38.6	58.0



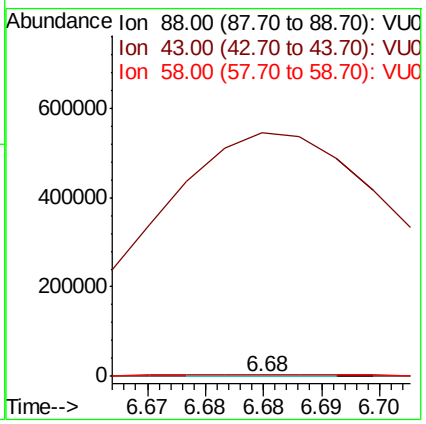


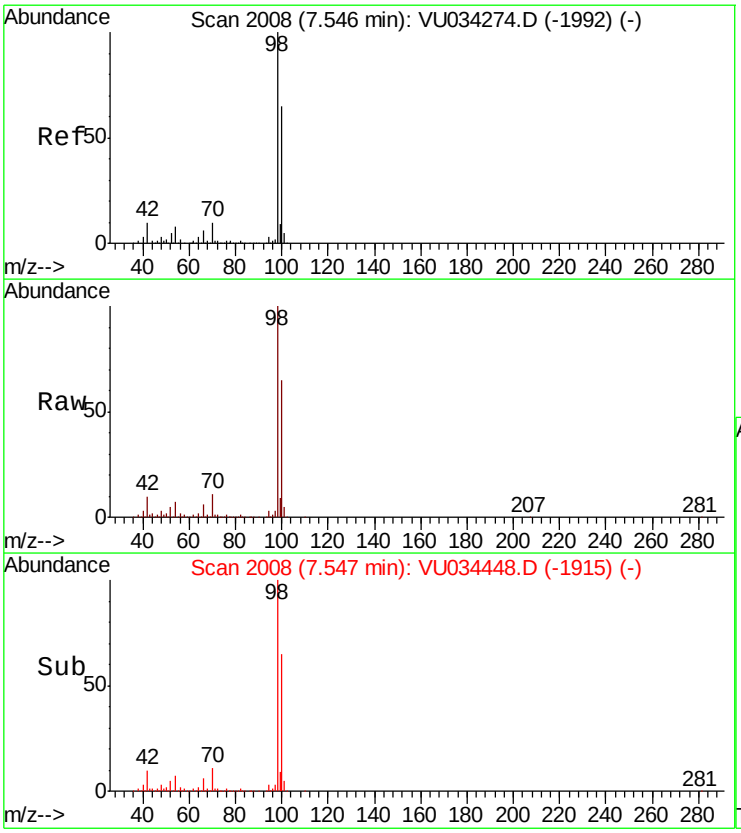
#49
1,4-Dioxane
Concen: 0.250 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.09 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument : MSVOA_U
ClientSampleId : PAR-D1-(0)

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	5255989.5	23.8	35.6#
58	34015.8	58.4	87.6#

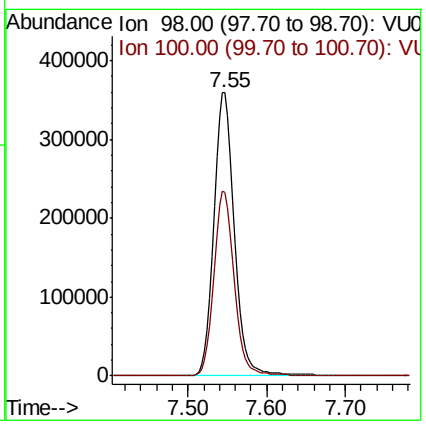


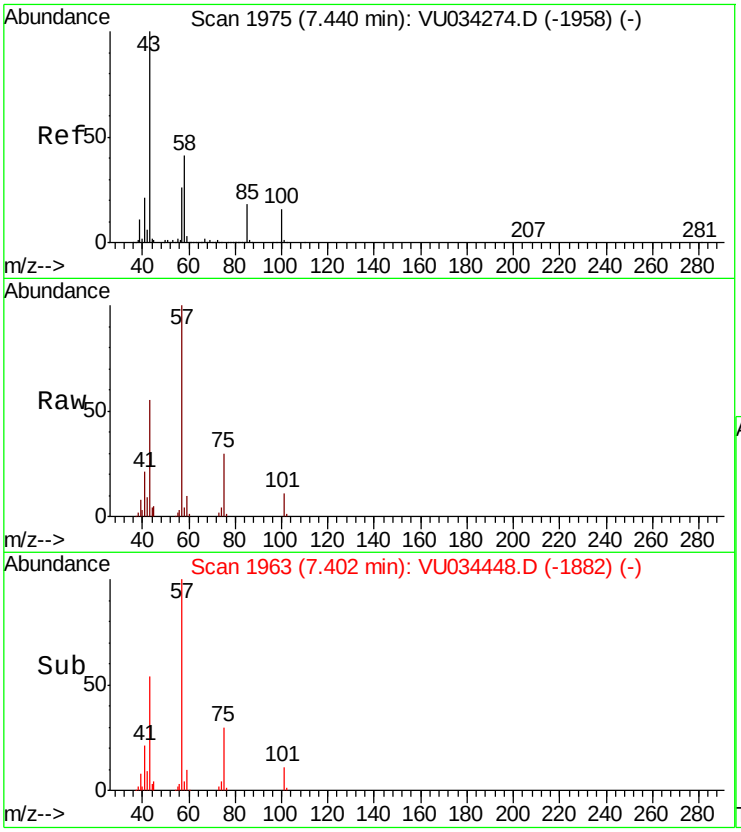


#50
Toluene-d8
Concen: 50.398 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 98 Resp: 645193

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5



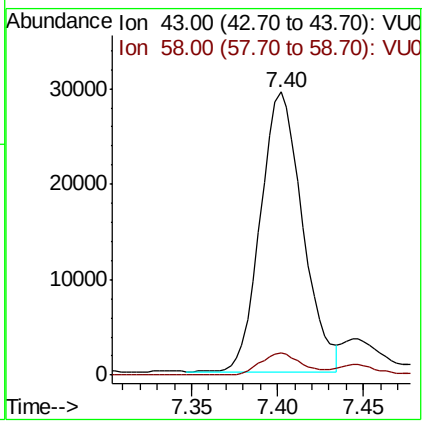


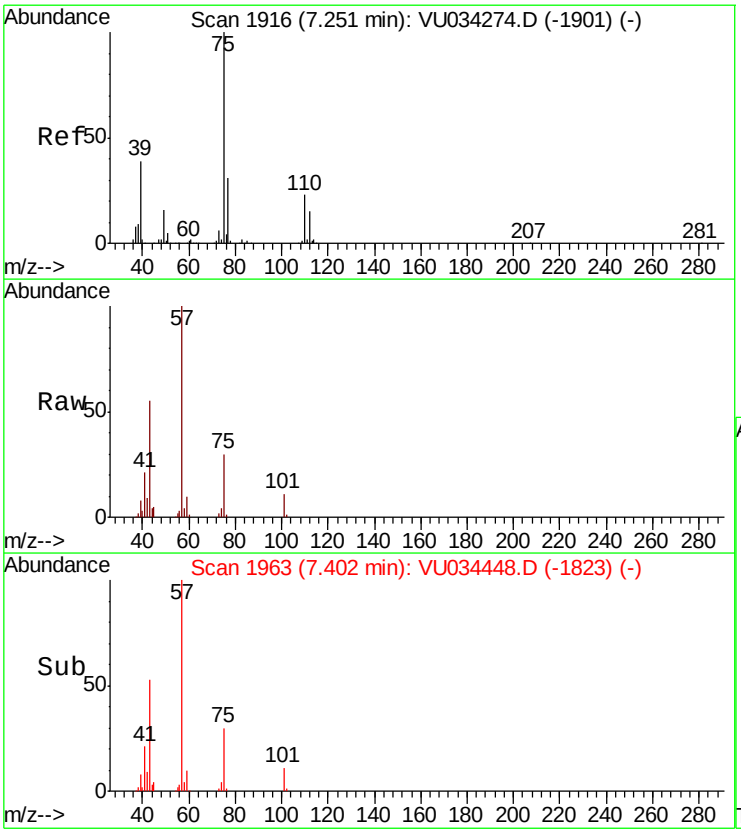
#51
4-Methyl-2-Pentanone
Concen: 9.795 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 43 Resp: 49665

Ion	Ratio	Lower	Upper
43	100		
58	7.7	33.0	49.4#

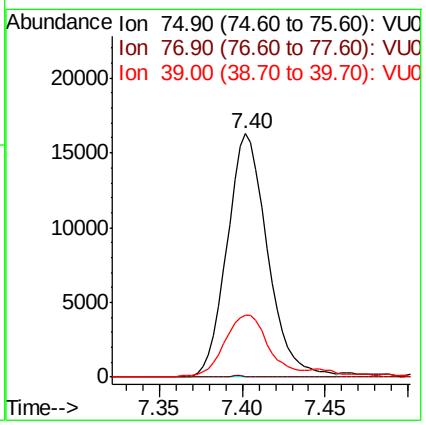


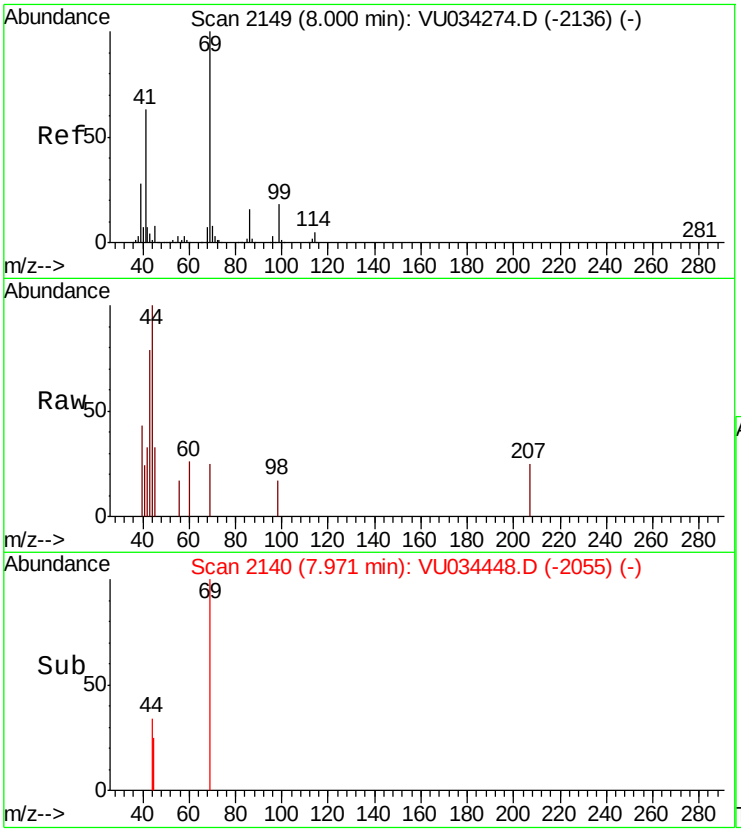


#54
cis-1,3-Dichloropropene
Concen: 5.013 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 75 Resp: 27609

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	24.8	31.2	46.8#



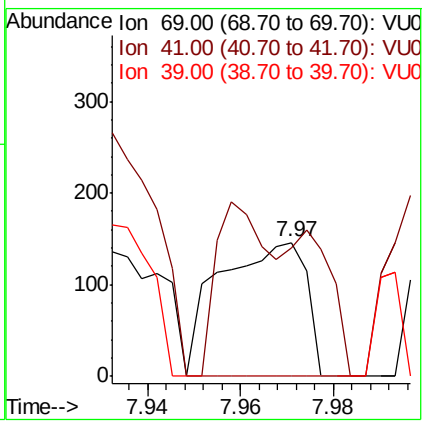


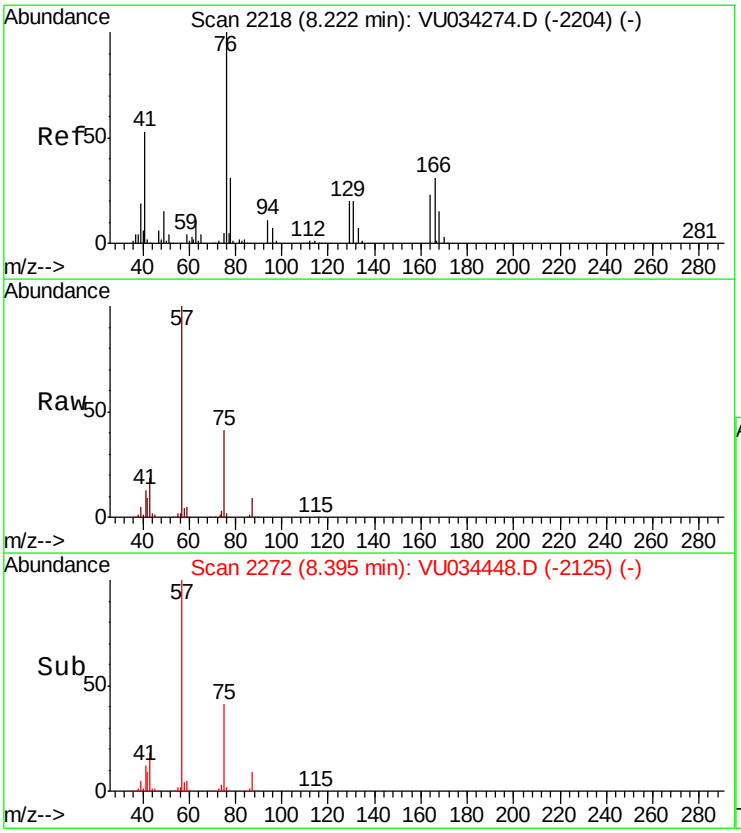
#56
Ethyl methacrylate
Concen: 3.109 ug/l
RT: 7.97 min Scan# 2140
Delta R.T. -0.03 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument : MSVOA_U
ClientSampleId : PAR-D1-(0)

Tgt Ion: 69 Resp: 189

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

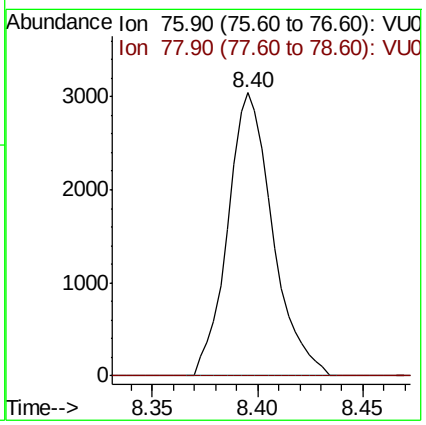


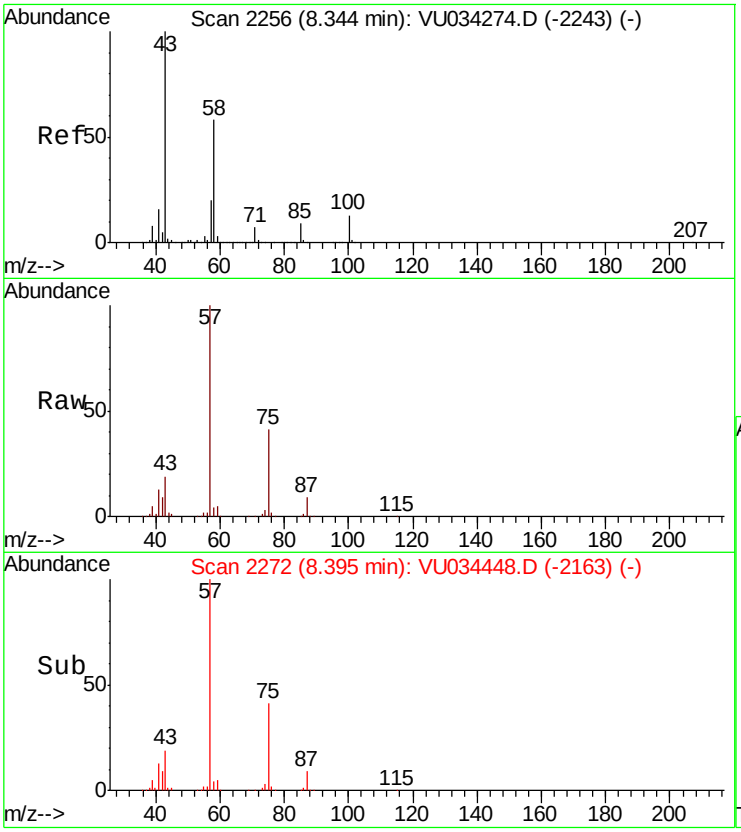


#57
1,3-Dichloropropane
Concen: 0.757 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.17 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 76 Resp: 4501

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#



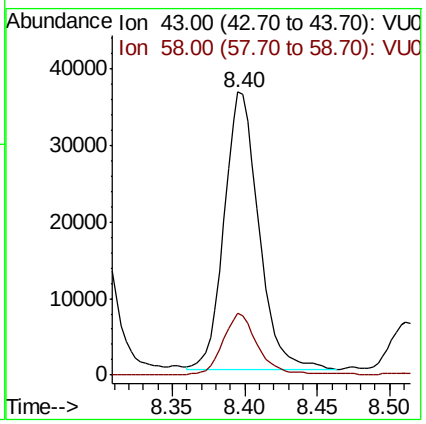


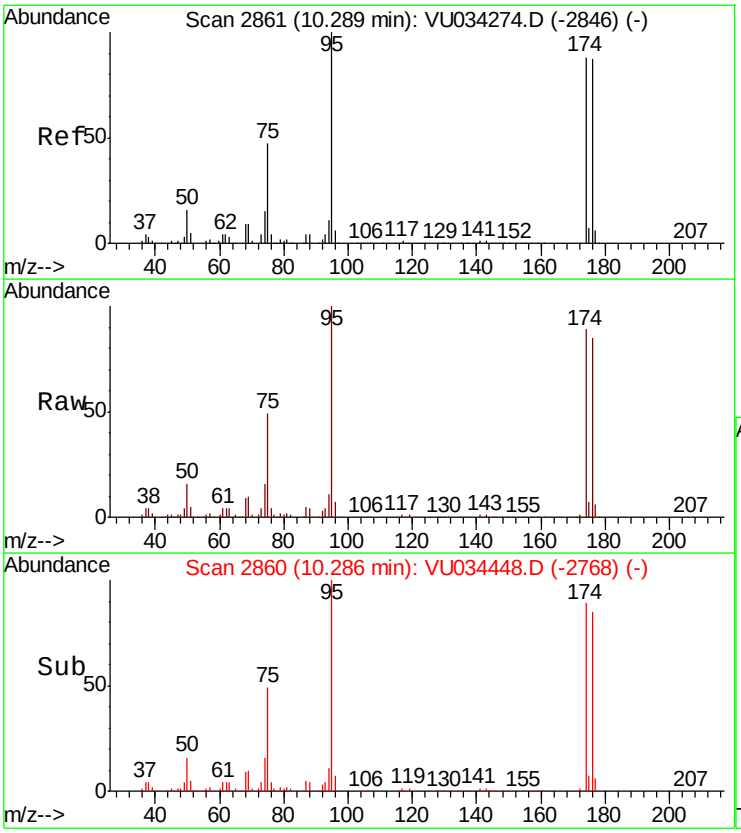
#59
2-Hexanone
Concen: 15.732 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.05 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument : MSVOA_U
ClientSampleId : PAR-D1-(0)

Tgt Ion: 43 Resp: 59588

Ion	Ratio	Lower	Upper
43	100		
58	22.6	28.8	86.5#

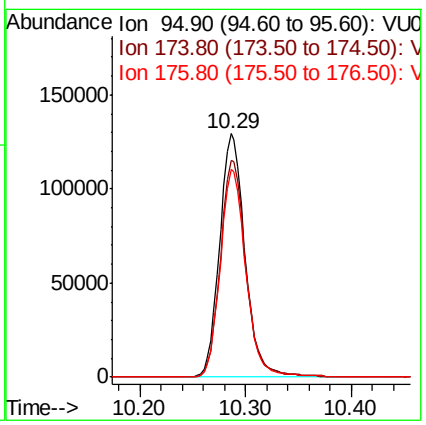


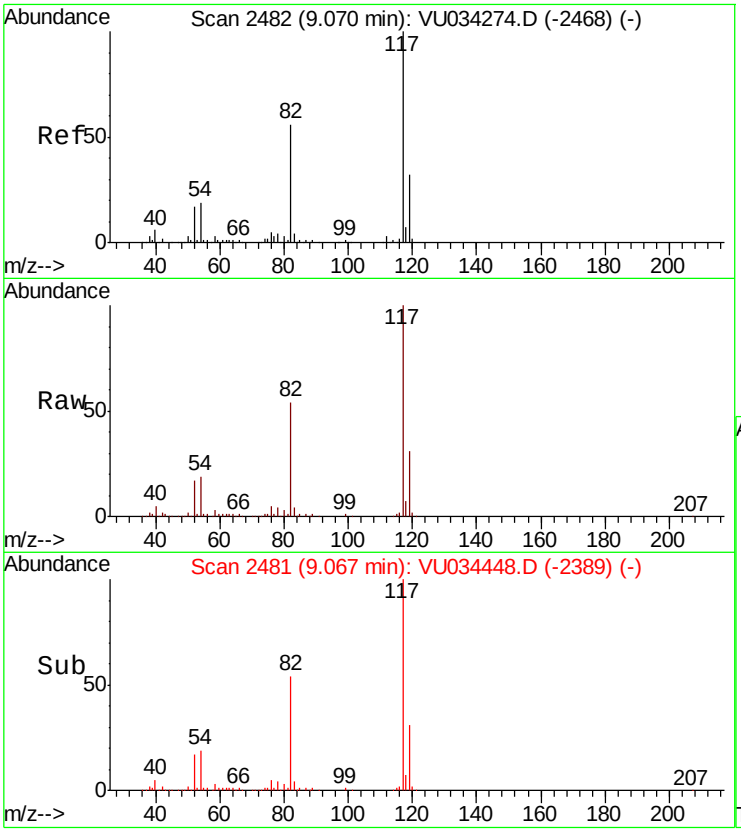


#62
4-Bromofluorobenzene
Concen: 43.564 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 95 Resp: 215325

Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	175.2
176	86.1	0.0	168.0



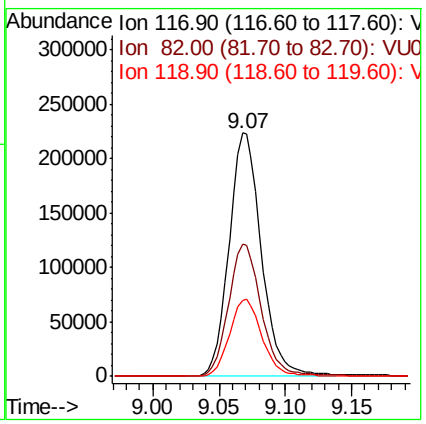


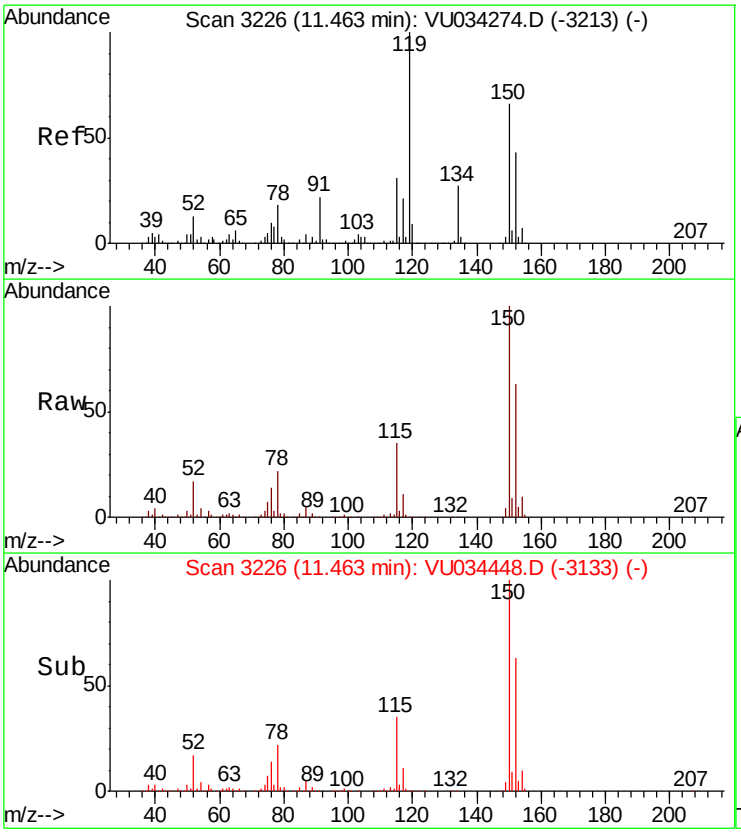
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion:117 Resp: 378887

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.6	67.0
119	31.3	25.9	38.9

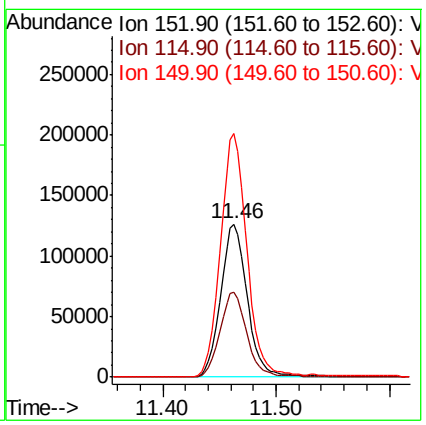


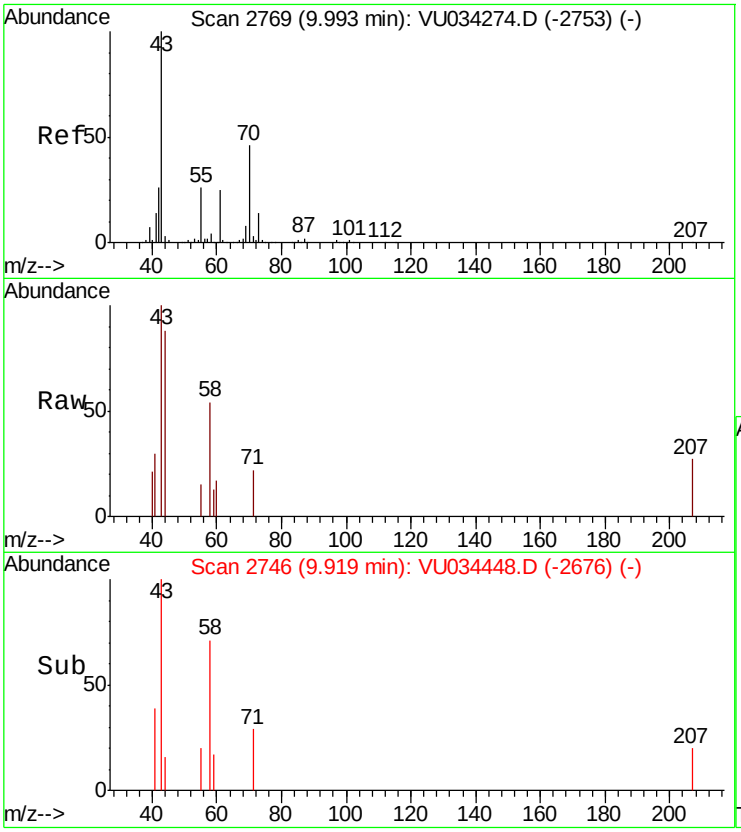


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion:152 Resp: 207723

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.1	117.3
150	157.3	0.0	345.4



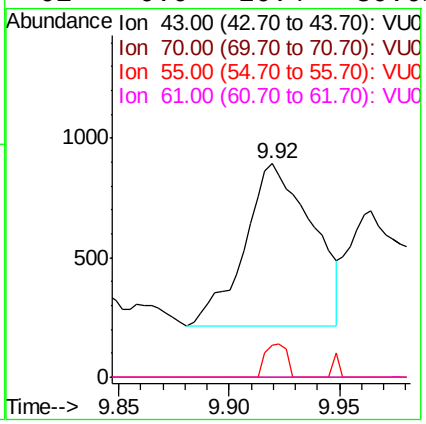


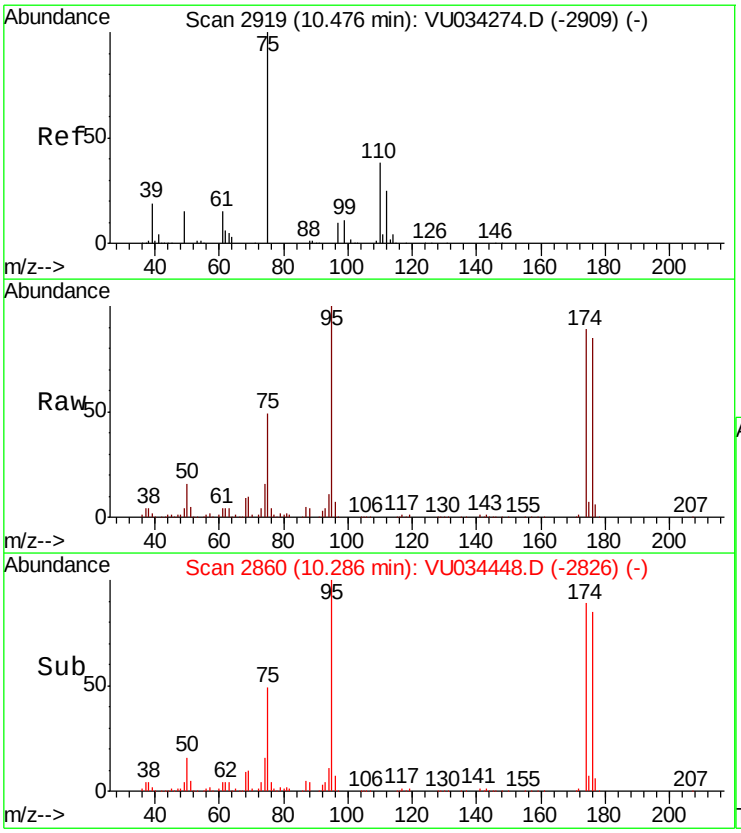
#74
N-amyl acetate
Concen: 0.268 ug/l
RT: 9.92 min Scan# 2746
Delta R.T. -0.07 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 43 Resp: 1458

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.4	54.6#
55	6.5	21.2	31.8#
61	0.0	20.4	30.6#

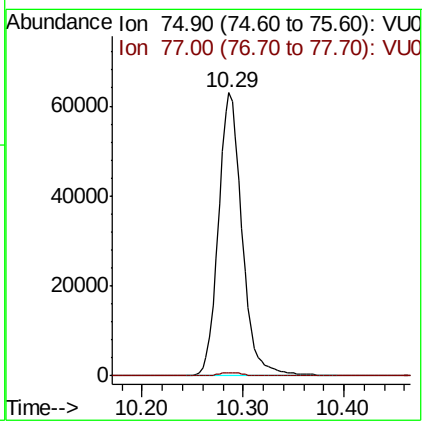


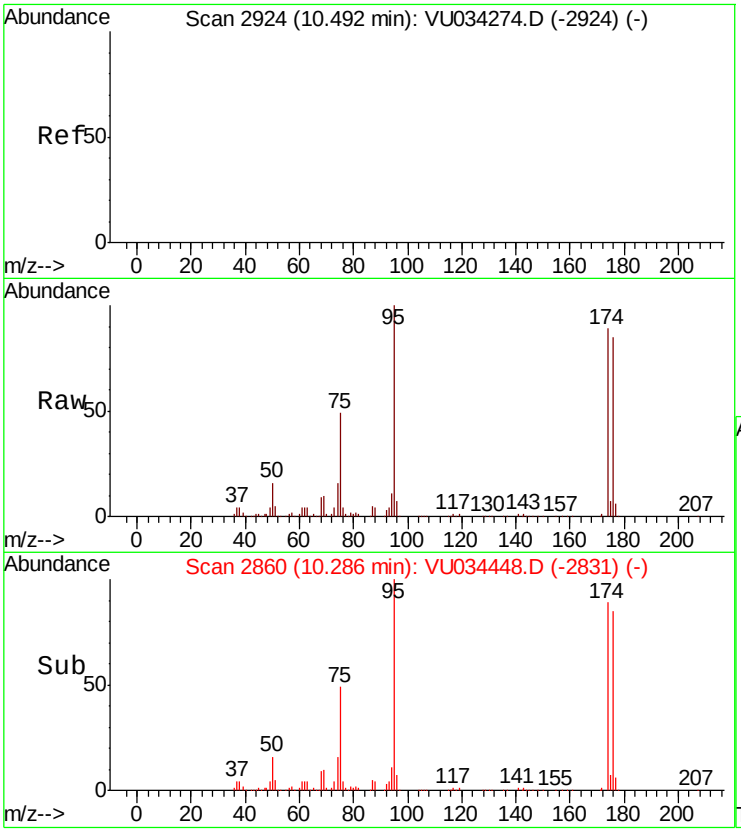


#76
1,2,3-Trichloropropane
Concen: 22.829 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion: 75 Resp: 103510

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.2#



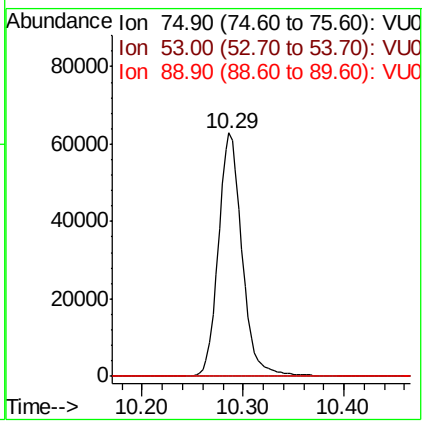


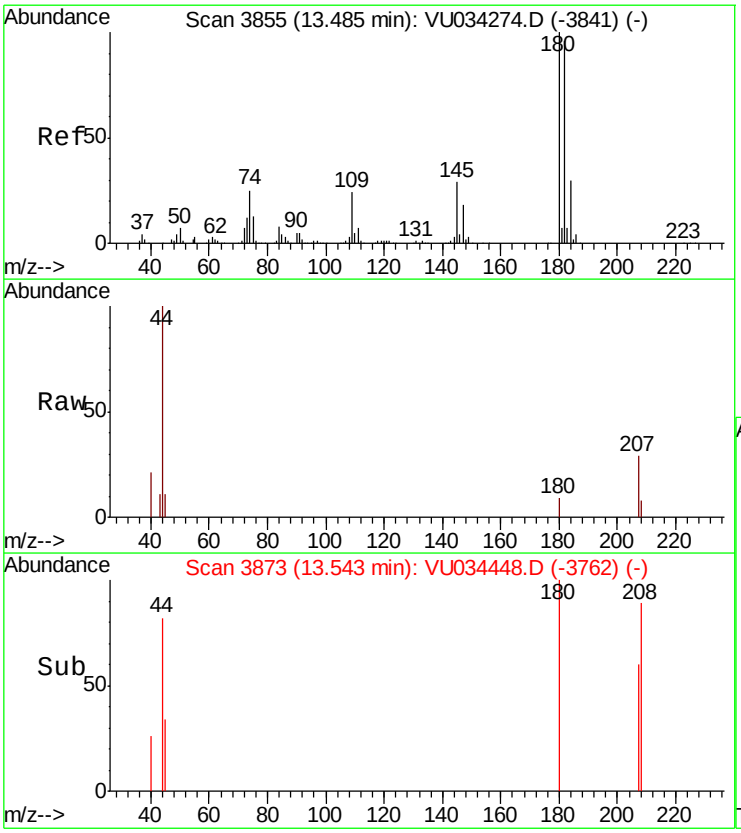
#81
trans-1,4-Dichloro-2-butene
Concen: 76.771 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.21 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument :
MSVOA_U
ClientSampleId :
PAR-D1-(0)

Tgt Ion: 75 Resp: 103510

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

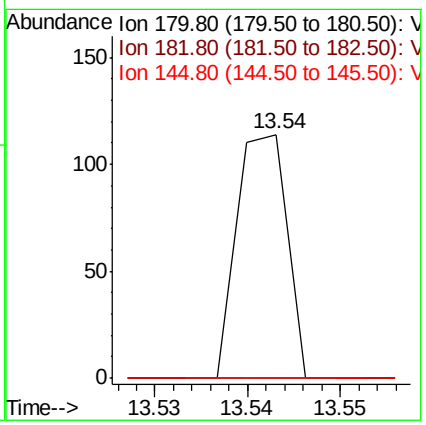


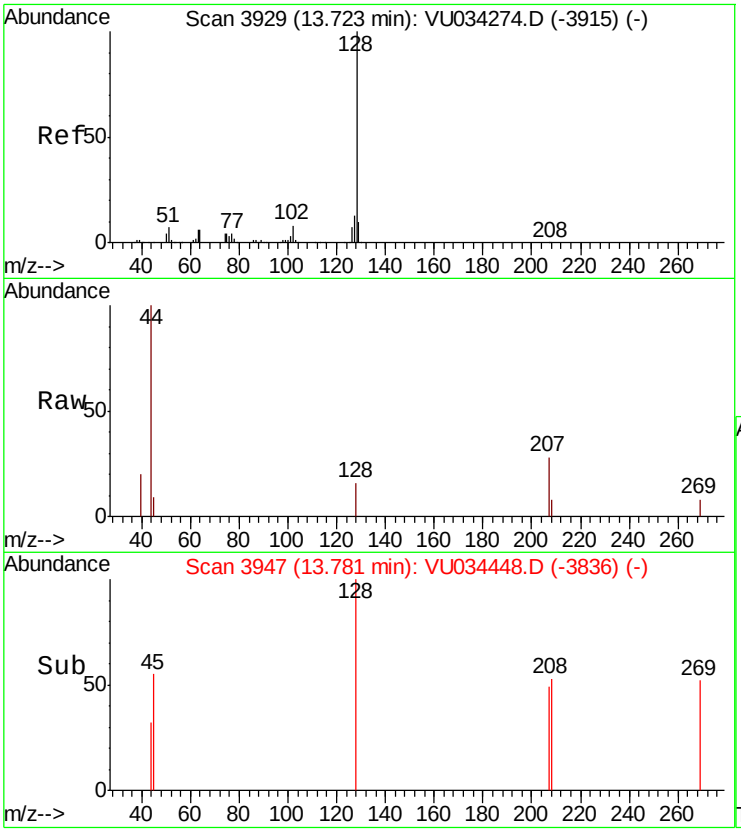


#93
1,2,4-Trichlorobenzene
Concen: 3.460 ug/l
RT: 13.54 min Scan# 3873
Delta R.T. 0.06 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion:180 Resp: 43

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.8#
145	0.0	14.4	43.0#



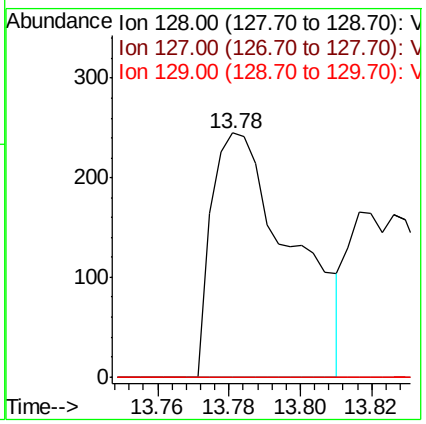


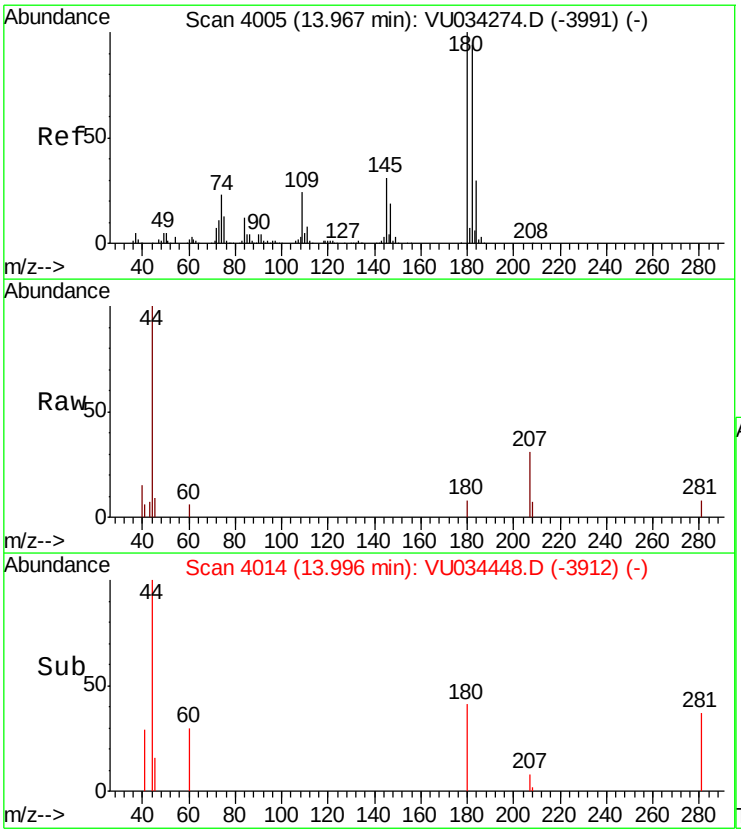
#95
Naphthalene
Concen: 3.991 ug/l
RT: 13.78 min Scan# 3947
Delta R.T. 0.06 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Instrument : MSVOA_U
ClientSampleId : PAR-D1-(0)

Tgt Ion:128 Resp: 381

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.4	12.6#





#96
1,2,3-Trichlorobenzene
Concen: 2.649 ug/l
RT: 14.00 min Scan# 4014
Delta R.T. 0.03 min
Lab File: VU034448.D
Acq: 10 Sep 2019 14:02

Tgt Ion:180 Resp: 54

Ion	Ratio	Lower	Upper
180	100		
182	77.8	48.4	145.0
145	0.0	15.4	46.4#