Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
Data File : VN057130.D
Acq On : 8 Aug 2019 14:22
Operator : JC/SP
Sample : K3613-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AU-05-080719-B

Quant Time: Aug 09 03:15:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1463542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2061195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1724464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	485964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	672604	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.38%			
35) Dibromofluoromethane	6.99	113	622127	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
50) Toluene-d8	9.56	98	2420775	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.84%			
62) 4-Bromofluorobenzene	11.92	95	660215	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.24	59	5118	2.389	ug/l #	77
16) Acetone	3.48	43	54204	11.925	ug/l	98
18) Methyl Acetate	3.90	43	30448	1.612	ug/l #	72
20) Methylene Chloride	4.10	84	198210	13.212	ug/l	96
25) 2-Butanone	6.21	43	2954	0.425	ug/l #	84
30) Chloroform	6.76	83	6909	0.275	ug/l	98
31) Cyclohexane	7.05	56	22272	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	88805	5.233	ug/l #	49
37) Ethyl Acetate	6.27	43	92	Below Cal	#	70
38) Carbon Tetrachloride	7.05	117	124147	7.019	ug/l #	16
43) Isopropyl Acetate	7.57	43	226600	9.492	ug/l #	63
48) Methyl methacrylate	8.62	41	25941	2.304	ug/l #	10
49) 1,4-Dioxane	8.70	88	323	1.409	ug/l #	1
51) 4-Methyl-2-Pentanone	9.45	43	10512	0.757	ug/l #	82
54) cis-1,3-Dichloropropene	9.36	75	162150	7.838	ug/l #	60
57) 1,3-Dichloropropane	10.25	76	33728	1.560	ug/l #	44
59) 2-Hexanone	10.25	43	420608	44.728	ug/l #	49
68) m/p-Xylenes	11.12	106	4496	0.204	ug/l	87
71) Bromoform	11.92	173	3326	0.350	ug/l #	1
73) Isopropylbenzene	11.76	105	3193	Below Cal		83
74) N-amyl acetate	11.39	43	36606	2.973	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	11.92	83	207	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	303661	30.881	ug/l #	100
79) 2-Chlorotoluene	12.18	91	1239	Below Cal	#	53
80) 1,3,5-Trimethylbenzene	12.26	105	18363	0.489	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.92	75	303661	91.877	ug/l #	14
83) tert-Butylbenzene	12.51	119	460	Below Cal	#	40
84) 1,2,4-Trimethylbenzene	12.57	105	25840	0.713	ug/l	99
90) Hexachloroethane	13.43	117	1163	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	1122	6.071	ug/l #	53
95) Naphthalene	14.67	128	24941	4.783	ug/l	96
96) 1,2,3-Trichlorobenzene	14.84	180	839	5.823	ug/l #	72

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
Data File : VN057130.D
Acq On : 8 Aug 2019 14:22
Operator : JC/SP
Sample : K3613-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Quant Time: Aug 09 03:15:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
Data File : VN057130.D
Acq On : 8 Aug 2019 14:22
Operator : JC/SP
Sample : K3613-04
Misc : 5.00mL/MSVOA_N/WATER
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MSVOA_N
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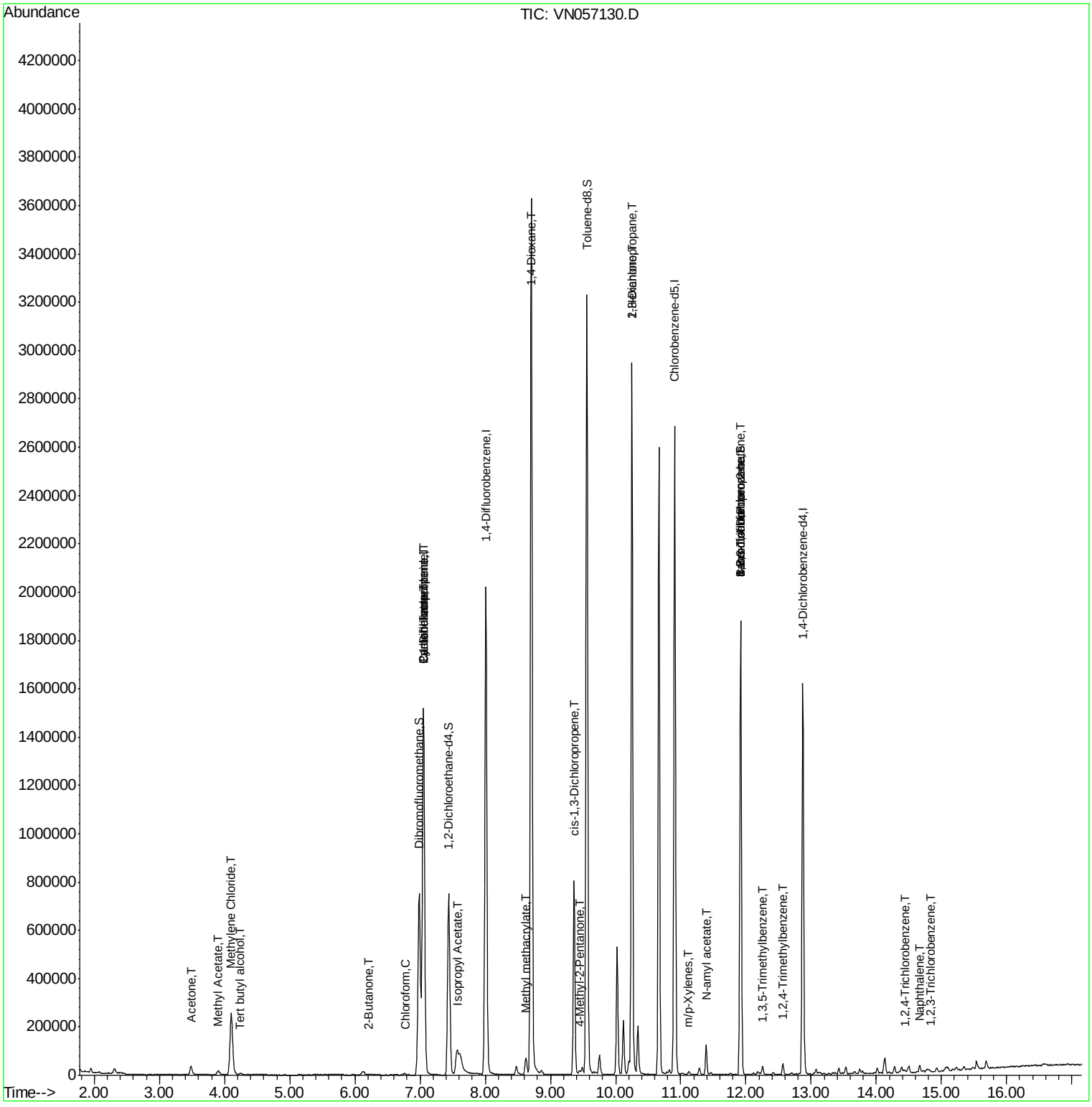
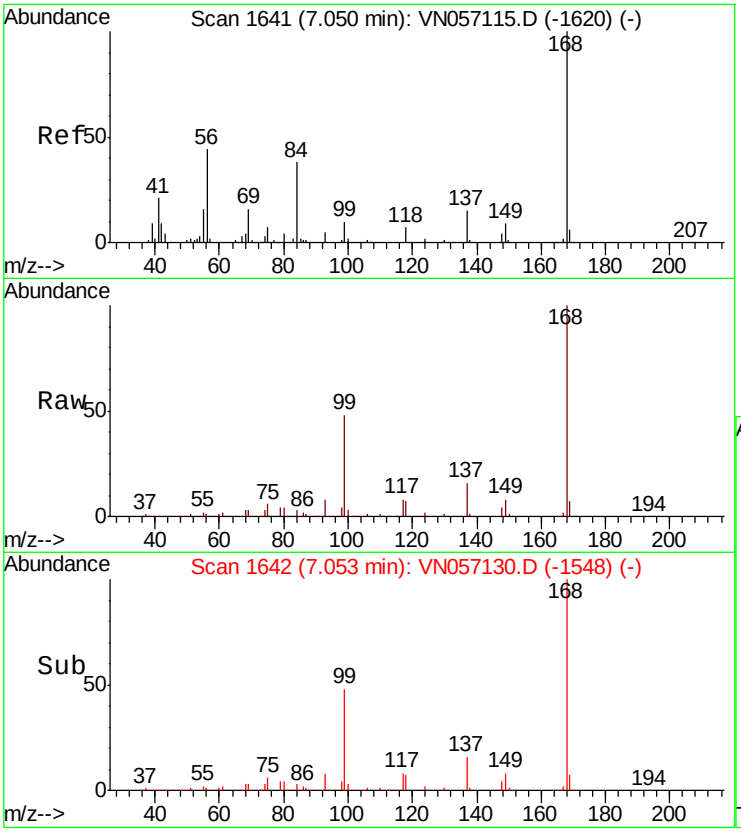
AU-05-080719-B

Quant Time: Aug 09 03:15:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration



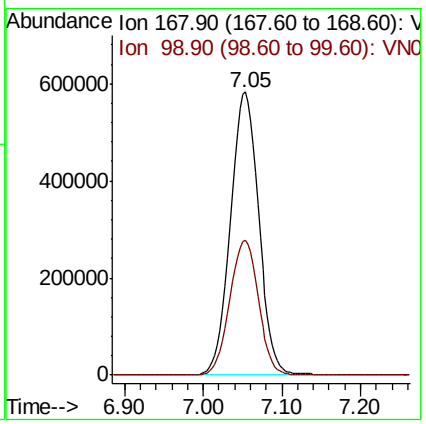


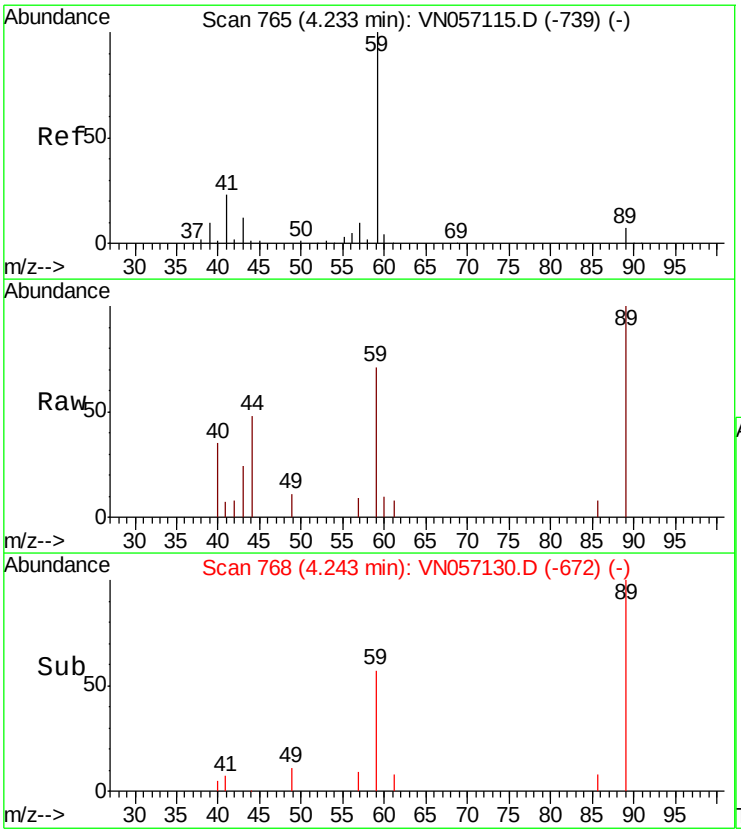
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. 0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion:168 Resp: 1463542

Ion	Ratio	Lower	Upper
168	100		
99	47.6	38.6	57.8

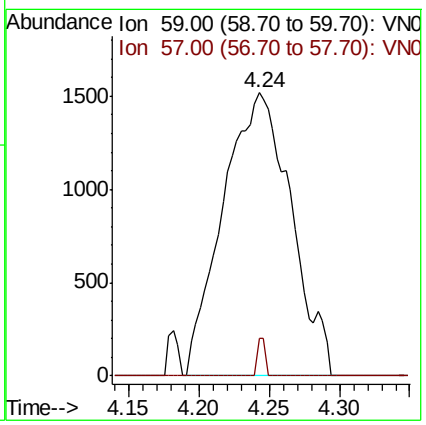


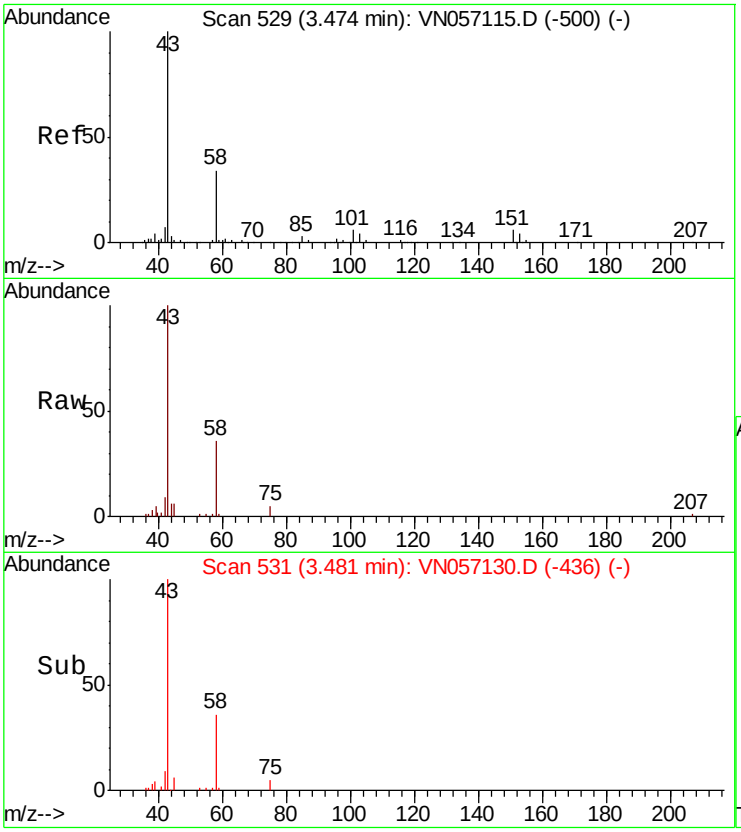


#11
Tert butyl alcohol
Concen: 2.389 ug/l
RT: 4.24 min Scan# 768
Delta R.T. 0.01 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 59 Resp: 5118

Ion	Ratio	Lower	Upper
59	100		
57	1.5	7.9	11.9#



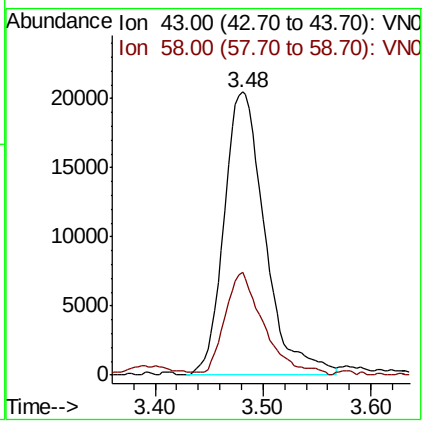


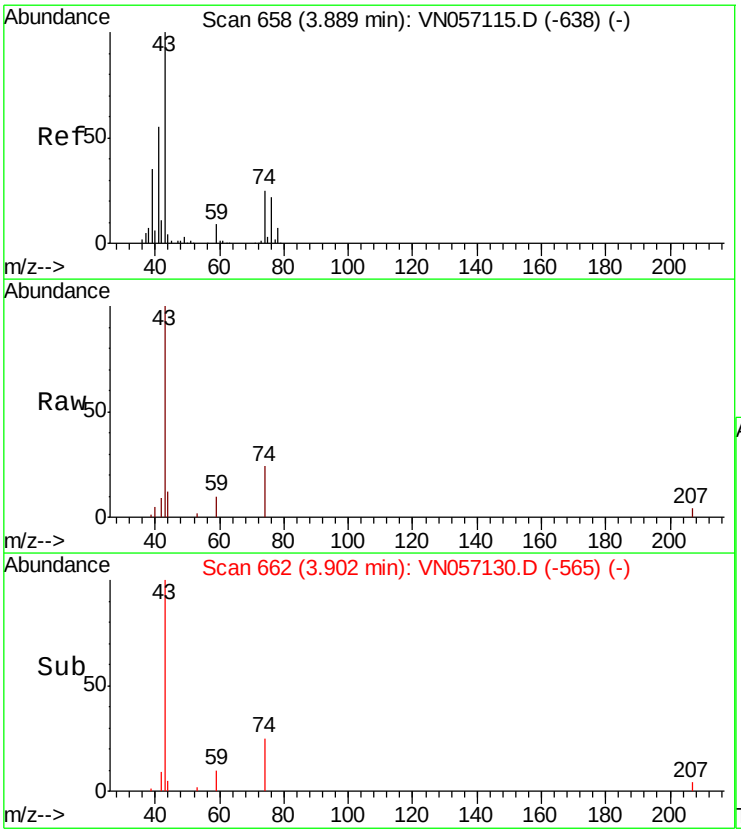
#16
Acetone
Concen: 11.925 ug/l
RT: 3.48 min Scan# 531
Delta R.T. 0.01 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 43 Resp: 54204

Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.4	41.2

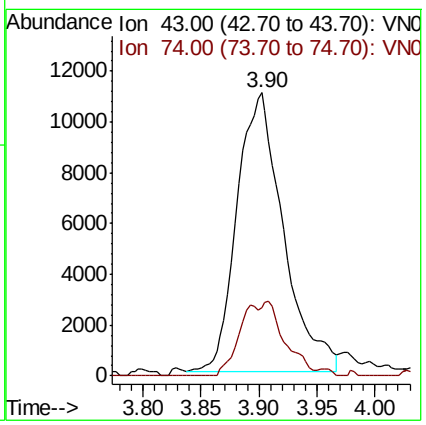


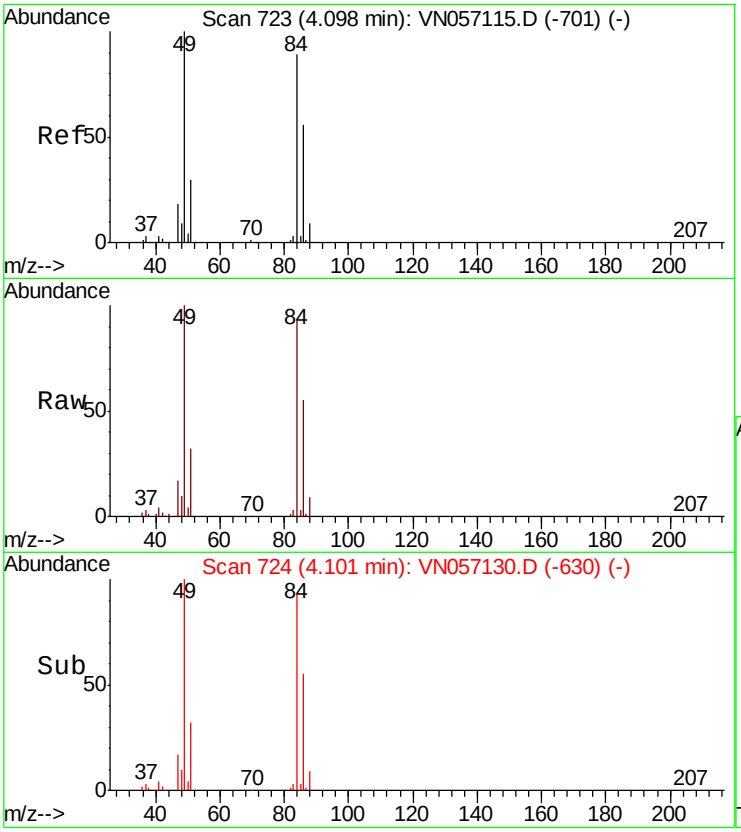


#18
Methyl Acetate
Concen: 1.612 ug/l
RT: 3.90 min Scan# 662
Delta R.T. 0.01 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 43 Resp: 30448

Ion	Ratio	Lower	Upper
43	100		
74	11.1	20.2	30.4#



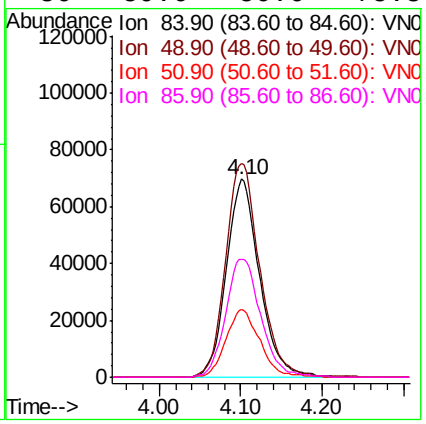


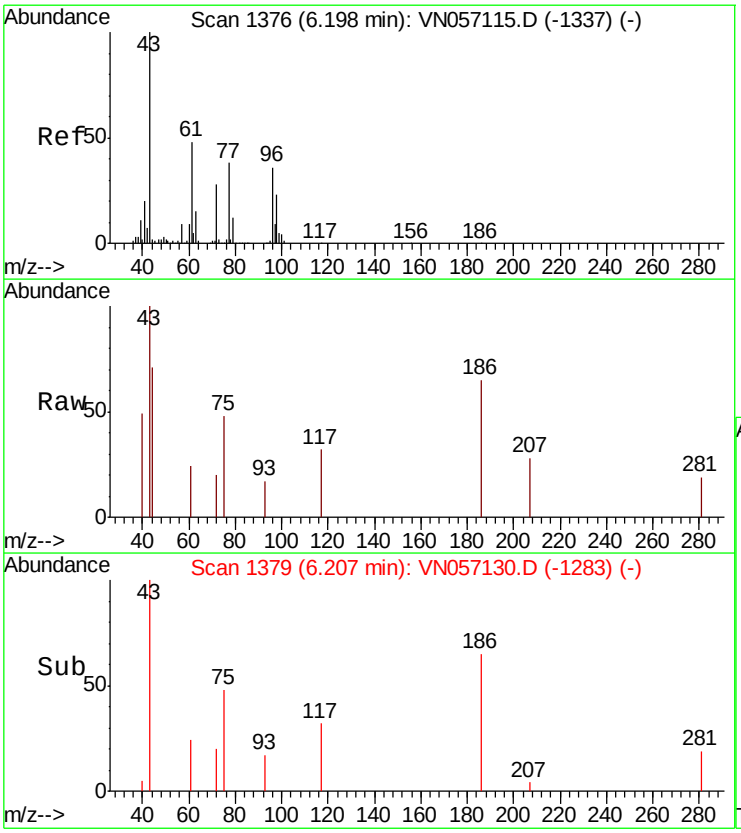
#20
Methylene Chloride
Concen: 13.212 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 84 Resp: 198210

Ion	Ratio	Lower	Upper
84	100		
49	107.7	89.5	134.3
51	34.4	27.2	40.8
86	59.6	50.6	75.8

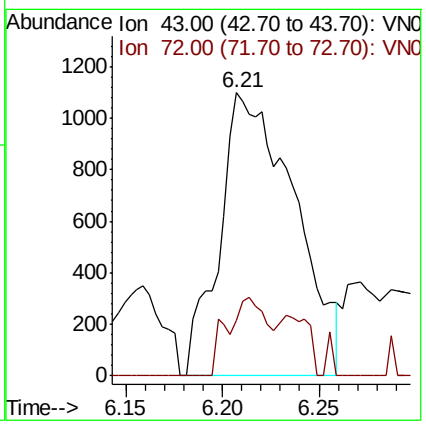


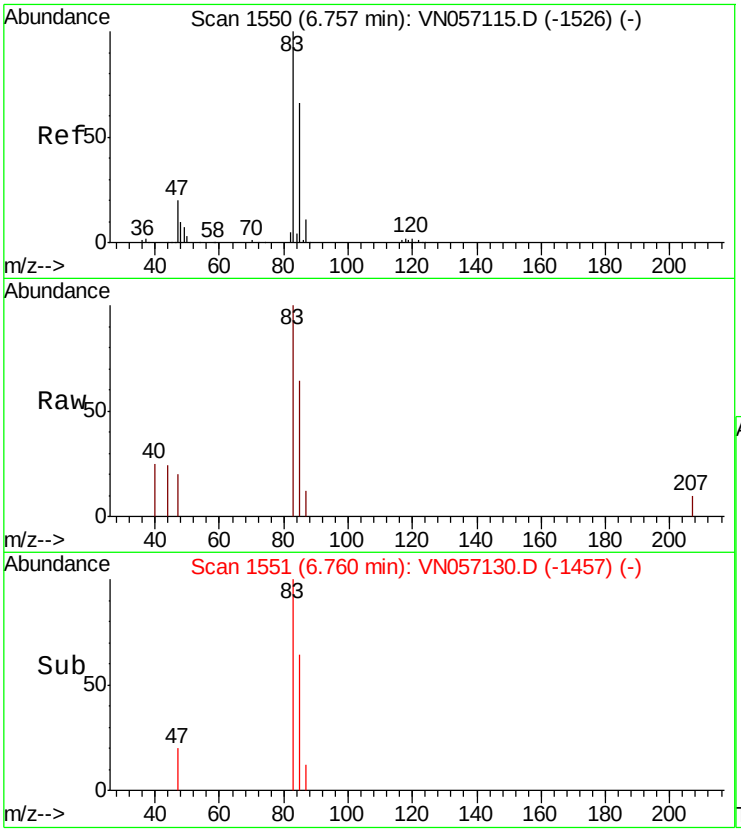


#25
2-Butanone
Concen: 0.425 ug/l
RT: 6.21 min Scan# 1379
Delta R.T. 0.01 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 43 Resp: 2954

Ion	Ratio	Lower	Upper
43	100		
72	19.6	22.2	33.4#



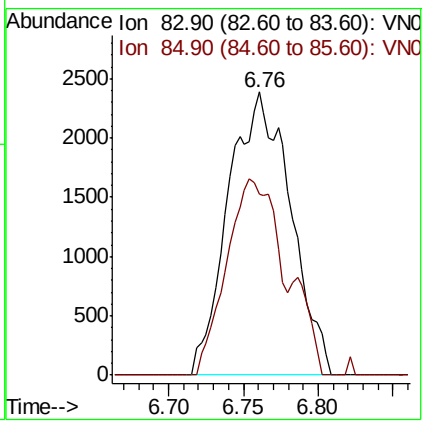


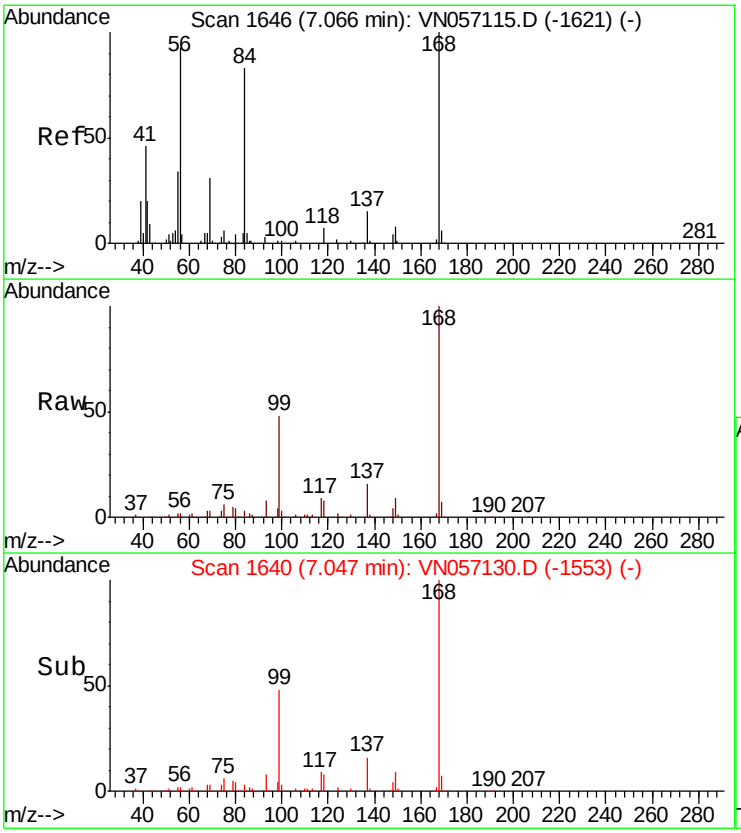
#30
Chloroform
Concen: 0.275 ug/l
RT: 6.76 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 83 Resp: 6909

Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	78.8

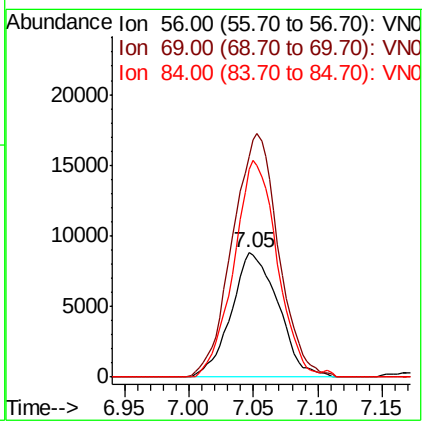


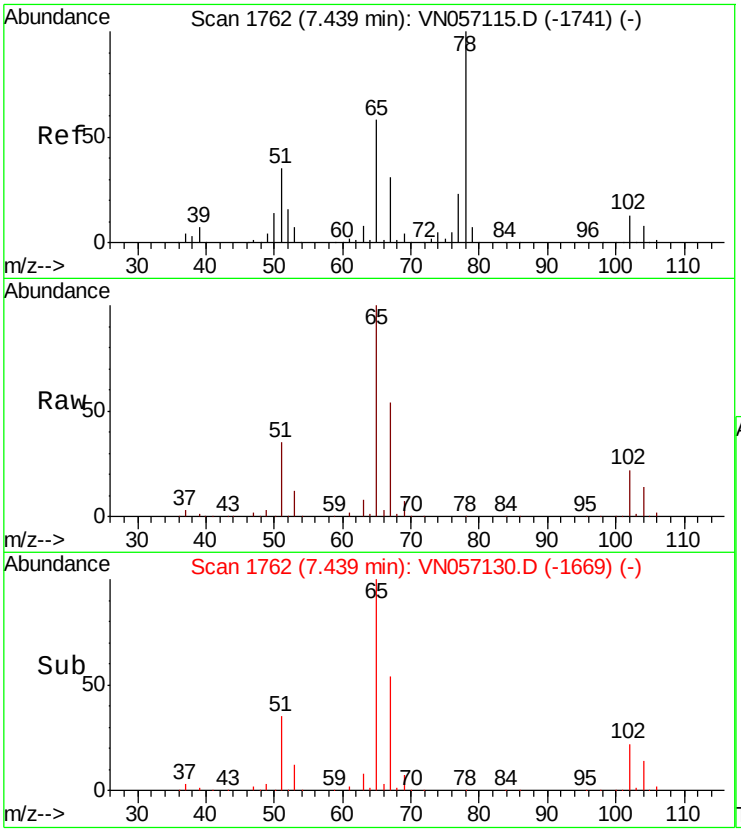


#31
Cyclohexane
Concen: 1.020 ug/l
RT: 7.05 min Scan# 1640
Delta R.T. -0.02 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 56 Resp: 22272

Ion	Ratio	Lower	Upper
56	100		
69	177.3	26.9	40.3#
84	167.5	71.9	107.9#



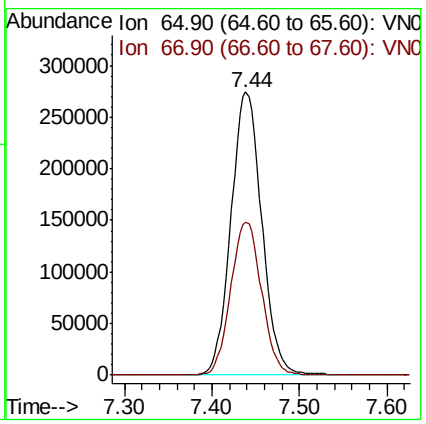


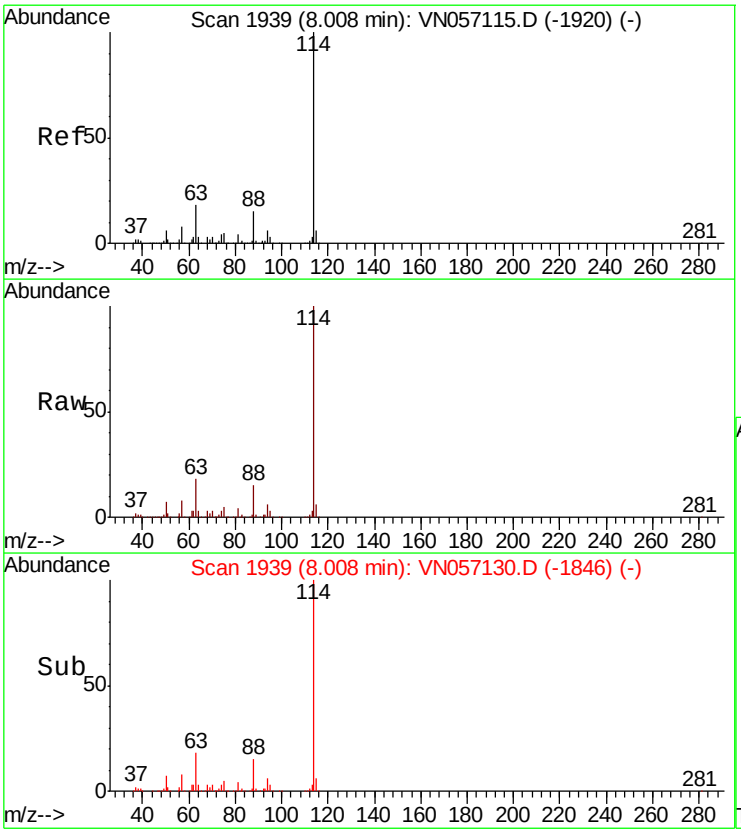
#33
1,2-Dichloroethane-d4
Concen: 44.687 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 65 Resp: 672604

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.2

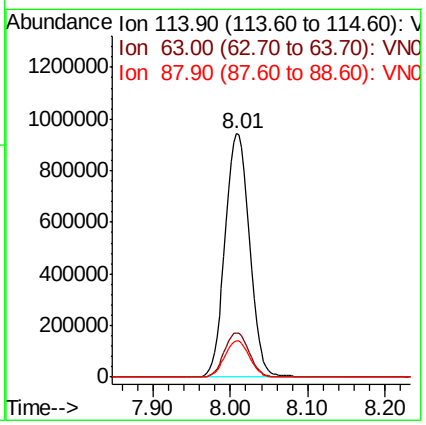


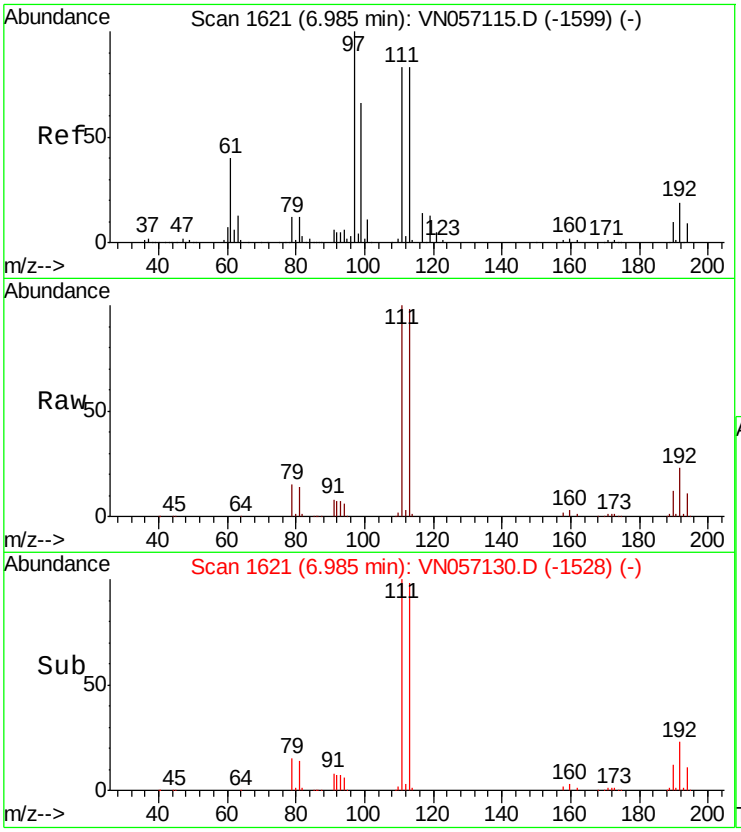


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion:114 Resp: 2061195

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.2
88	14.7	0.0	30.0



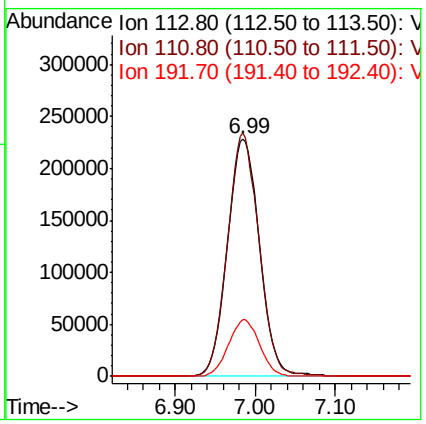


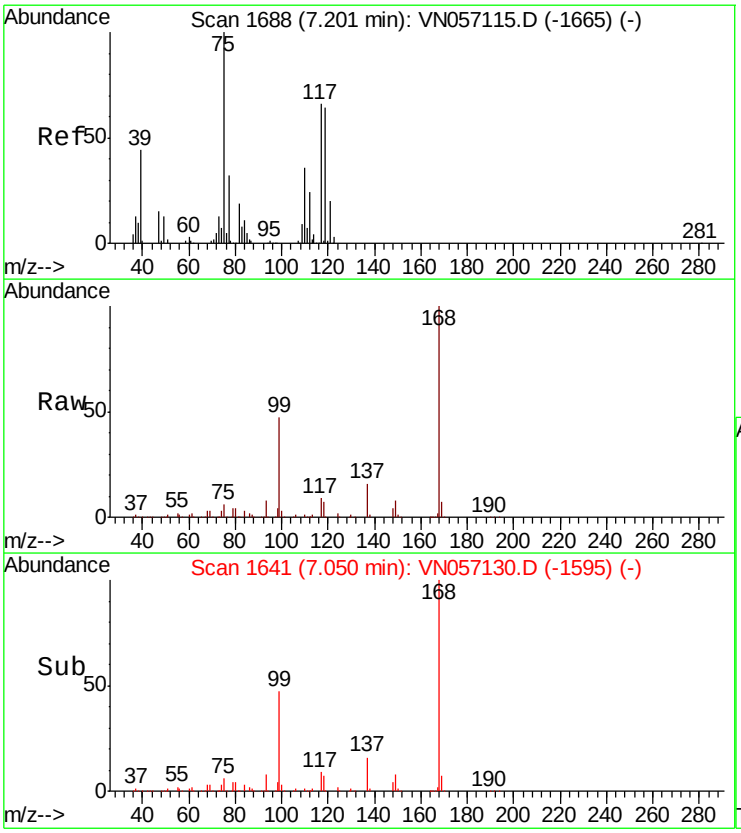
#35
Dibromofluoromethane
Concen: 48.099 ug/l
RT: 6.99 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion:113 Resp: 622127

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.3	121.9
192	23.2	19.0	28.4

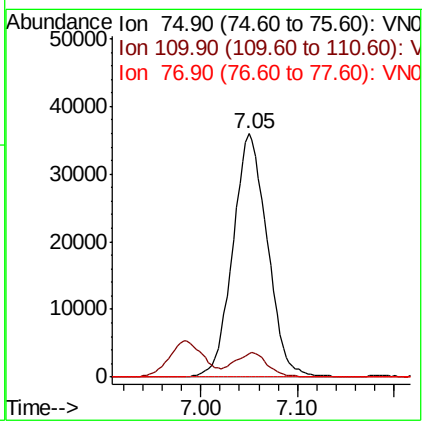


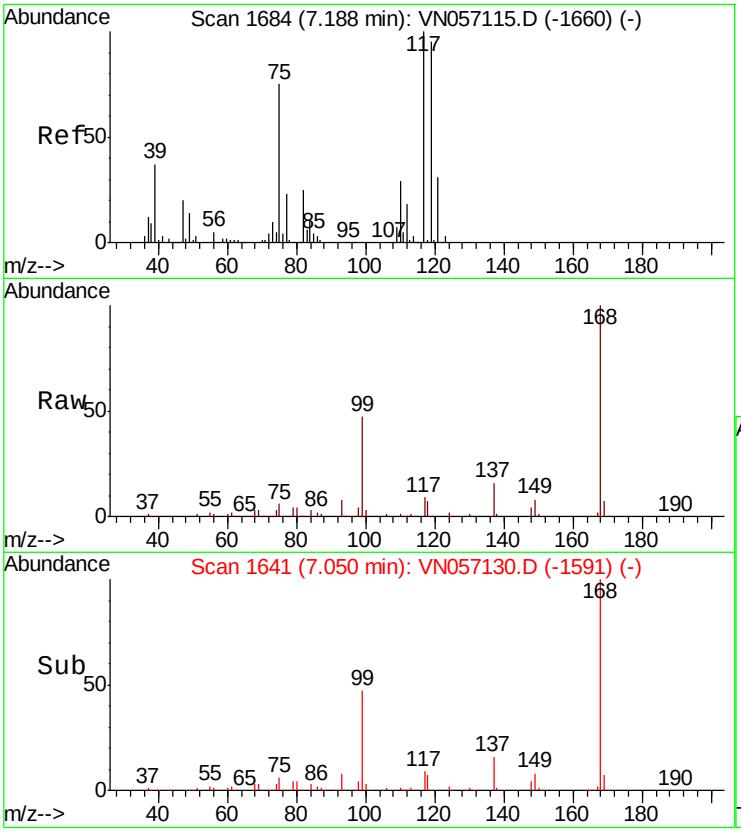


#36
1,1-Dichloropropene
Concen: 5.233 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.15 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 75 Resp: 88805

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.7	56.1#
77	0.0	25.0	37.4#



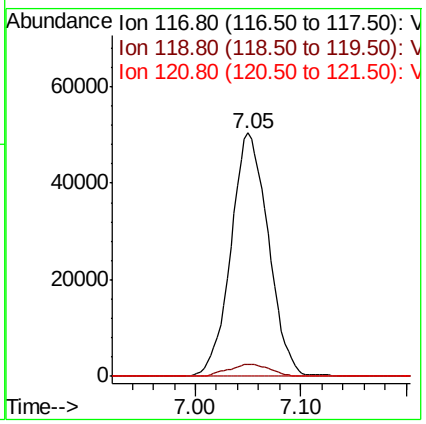


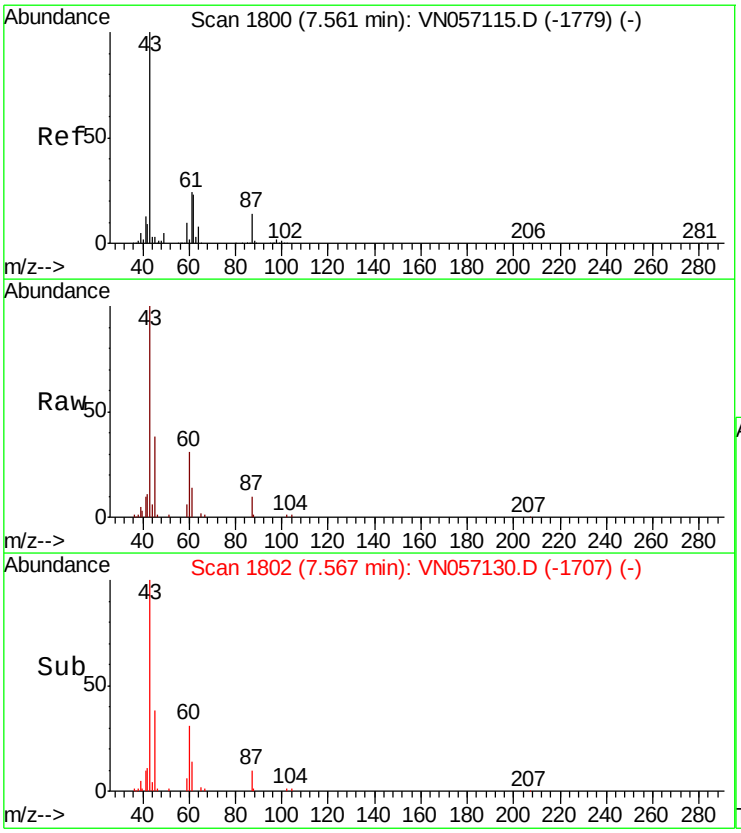
#38
Carbon Tetrachloride
Concen: 7.019 ug/l
RT: 7.05 min Scan# 1641
Delta R.T. -0.14 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument : MSVOA_N
ClientSampleId : AU-05-080719-B

Tgt Ion:117 Resp: 124147

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.6#
121	0.0	24.4	36.6#

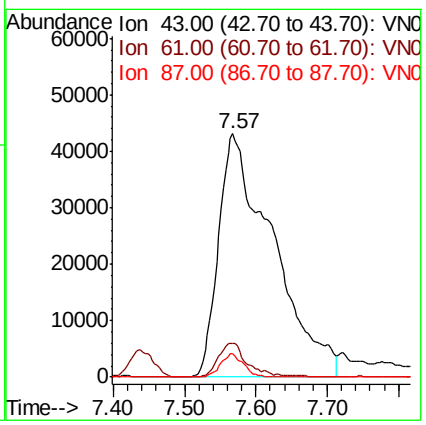


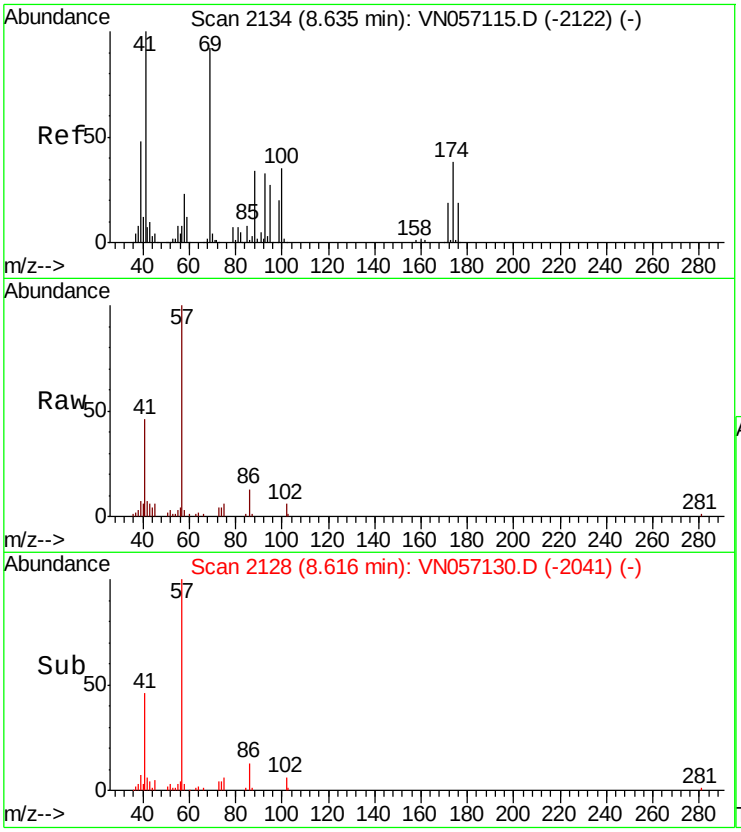


#43
Isopropyl Acetate
Concen: 9.492 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.01 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 43 Resp: 226600

Ion	Ratio	Lower	Upper
43	100		
61	7.2	24.2	36.2#
87	4.1	11.8	17.8#



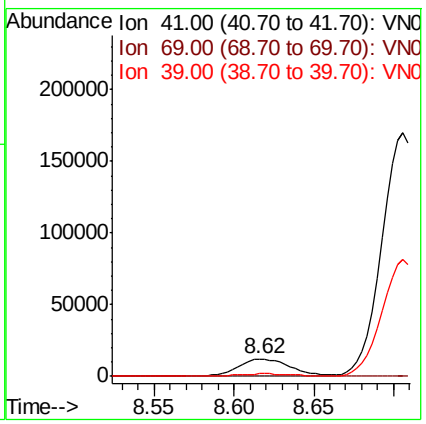


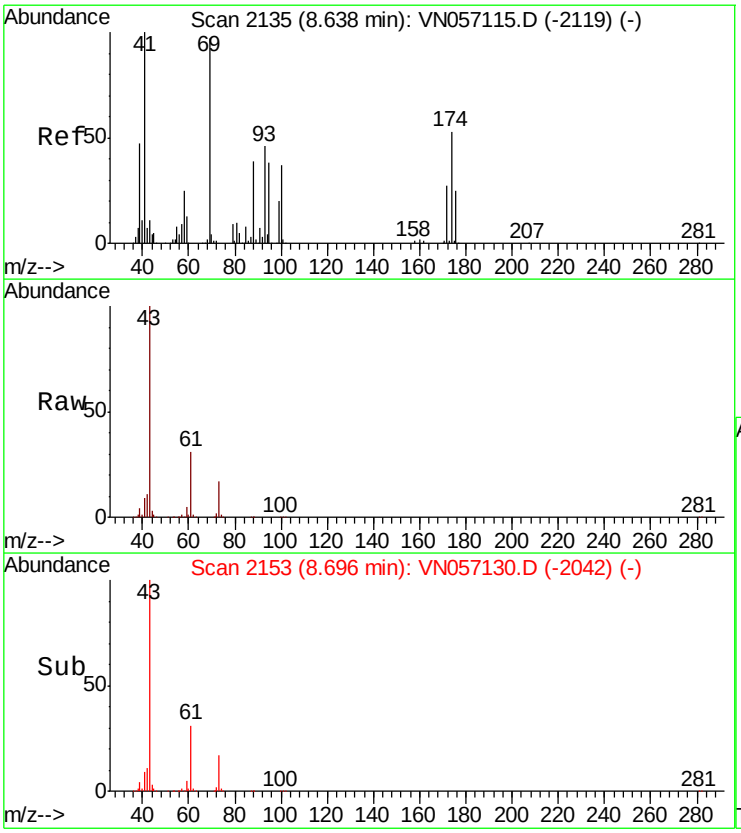
#48
Methyl methacrylate
Concen: 2.304 ug/l
RT: 8.62 min Scan# 2128
Delta R.T. -0.02 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument : MSVOA_N
ClientSampleId : AU-05-080719-B

Tgt Ion: 41 Resp: 25941

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.5	116.3#
39	0.0	39.8	59.6#

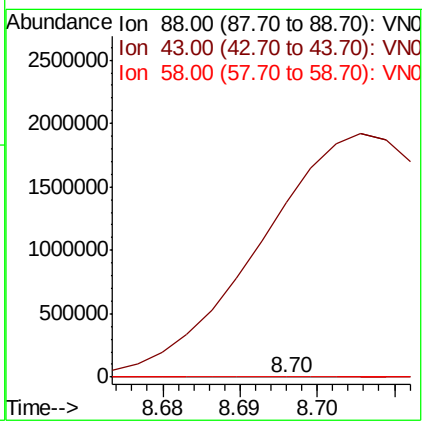


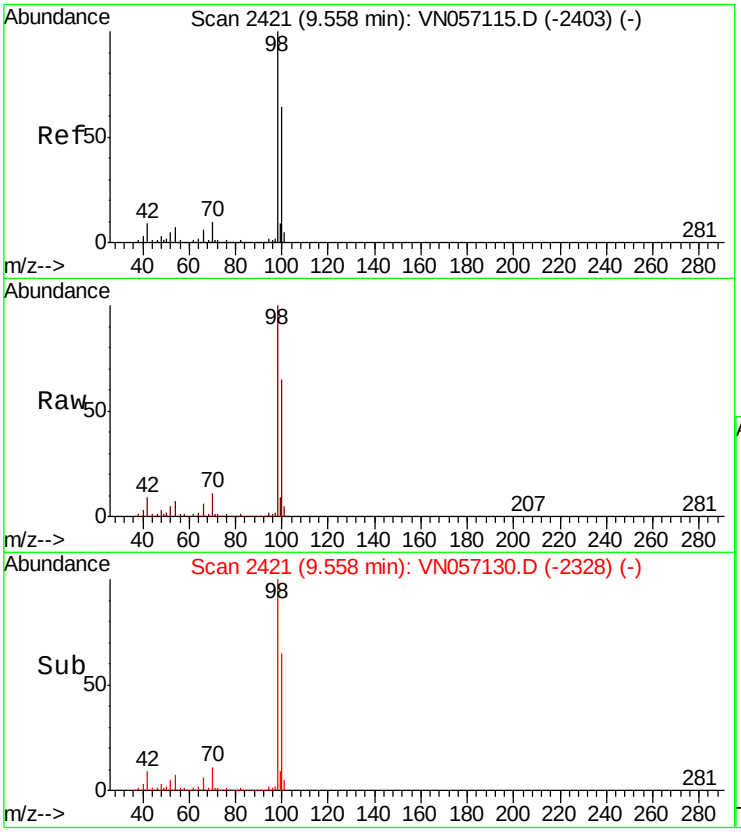


#49
1,4-Dioxane
Concen: 1.409 ug/l
RT: 8.70 min Scan# 2153
Delta R.T. 0.06 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 88 Resp: 323

Ion	Ratio	Lower	Upper
88	100		
43	1134257.3	21.7	32.5#
58	4683.0	51.1	76.7#



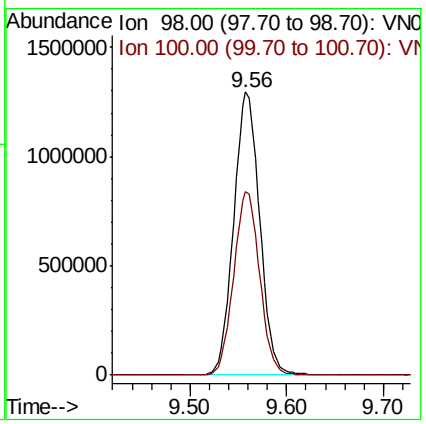


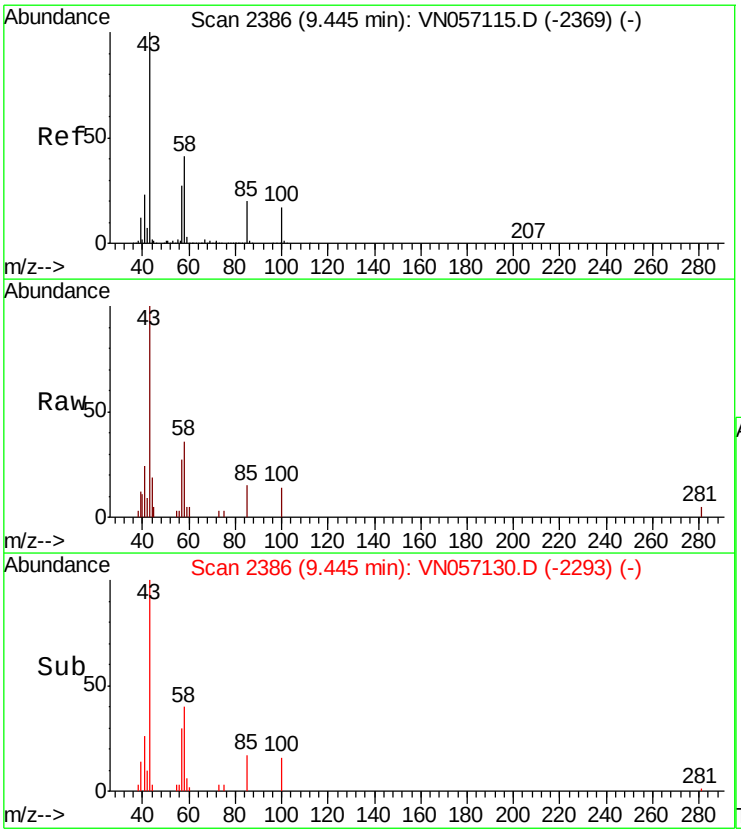
#50
Toluene-d8
Concen: 48.920 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 98 Resp: 2420775

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8

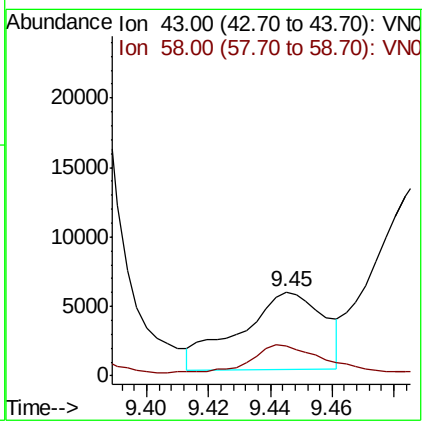


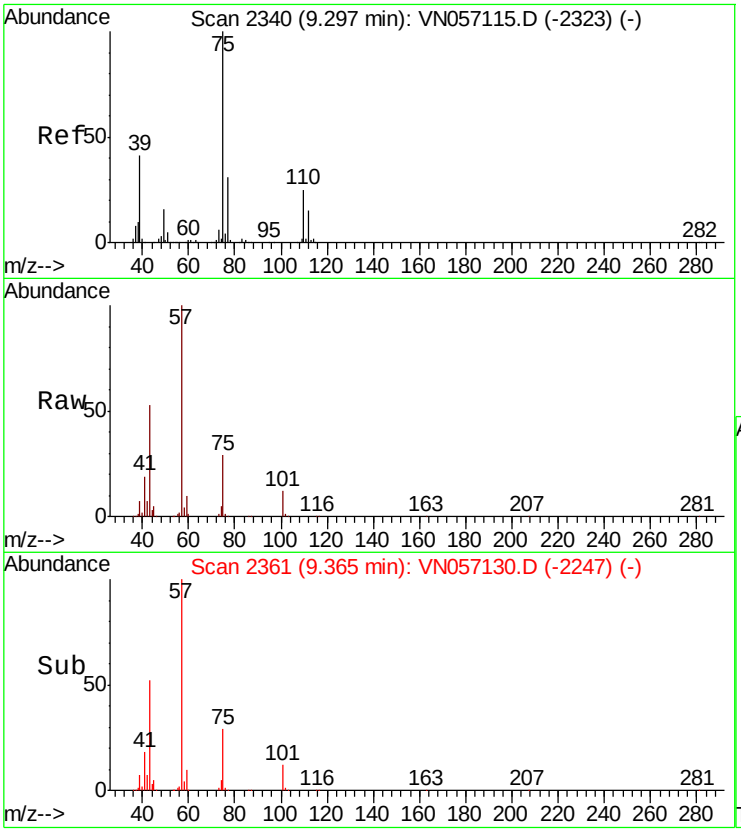


#51
4-Methyl-2-Pentanone
Concen: 0.757 ug/l
RT: 9.45 min Scan# 2386
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 43 Resp: 10512

Ion	Ratio	Lower	Upper
43	100		
58	30.3	33.2	49.8#



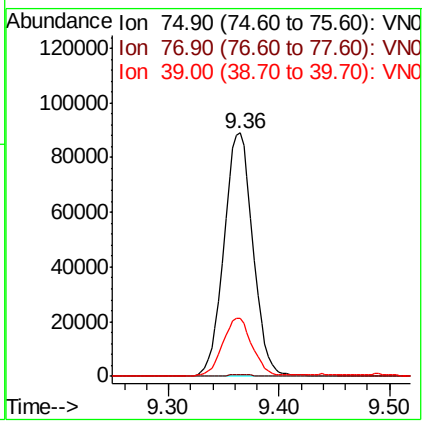


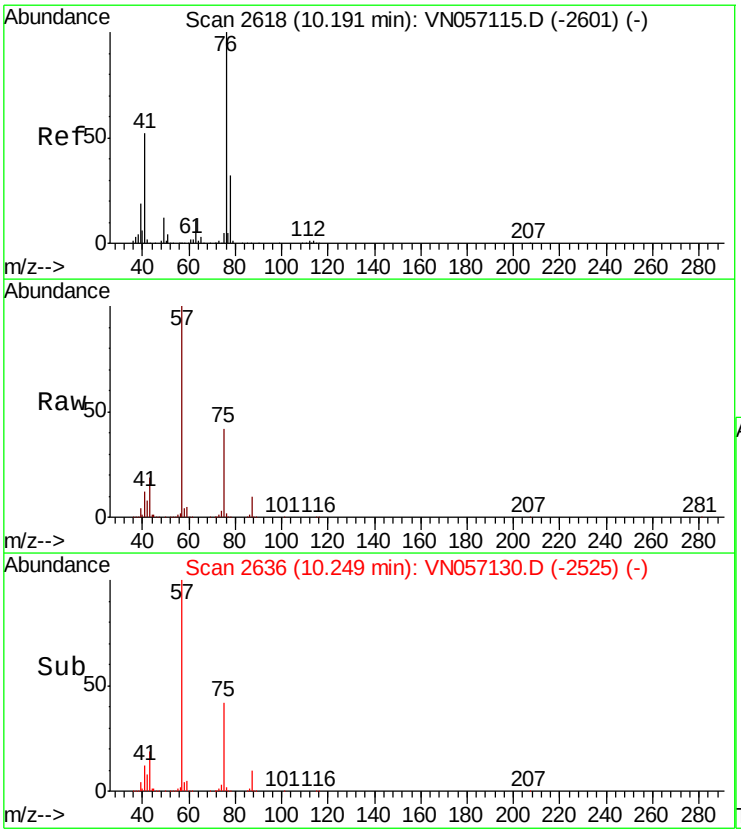
#54
cis-1,3-Dichloropropene
Concen: 7.838 ug/l
RT: 9.36 min Scan# 2361
Delta R.T. 0.07 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 75 Resp: 162150

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.1	37.7#
39	23.9	32.5	48.7#

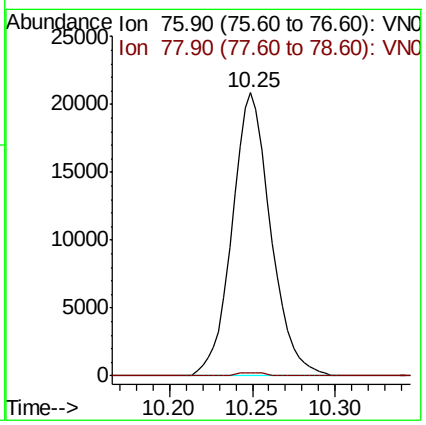


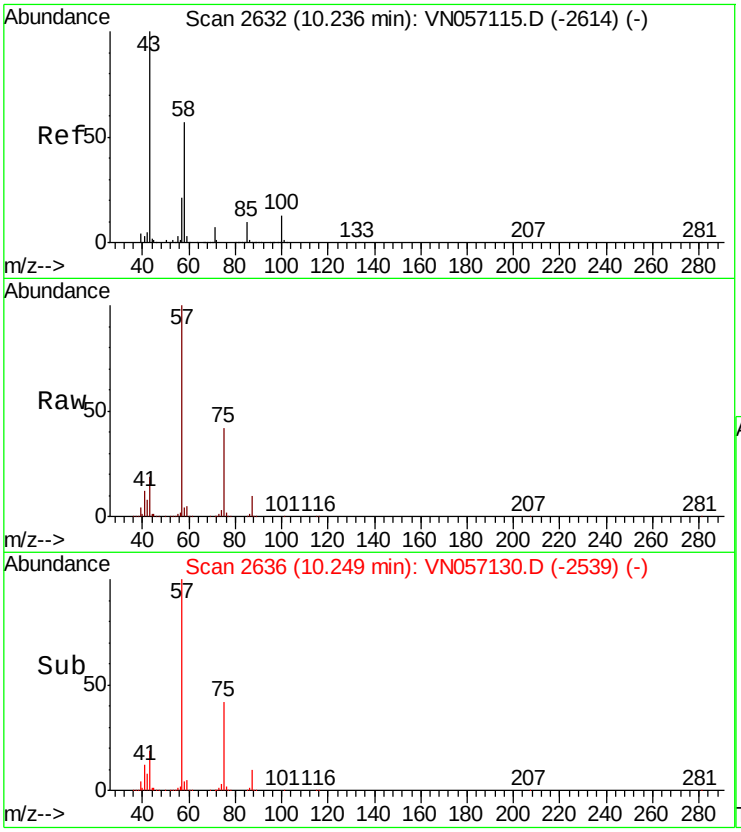


#57
1,3-Dichloropropane
Concen: 1.560 ug/l
RT: 10.25 min Scan# 2636
Delta R.T. 0.06 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 76 Resp: 33728

Ion	Ratio	Lower	Upper
76	100		
78	0.9	25.9	38.9#



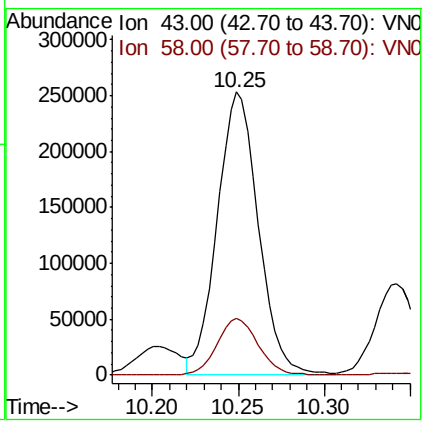


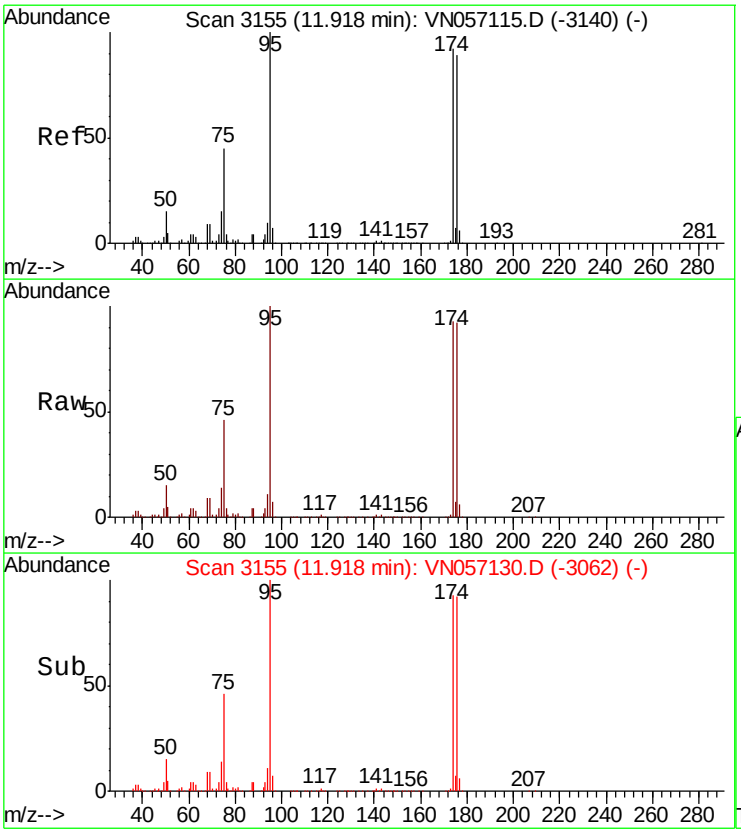
#59
2-Hexanone
Concen: 44.728 ug/l
RT: 10.25 min Scan# 2636
Delta R.T. 0.01 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 43 Resp: 420608

Ion	Ratio	Lower	Upper
43	100		
58	20.3	29.2	87.6#

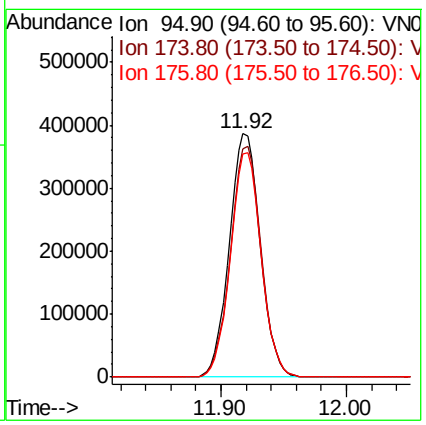


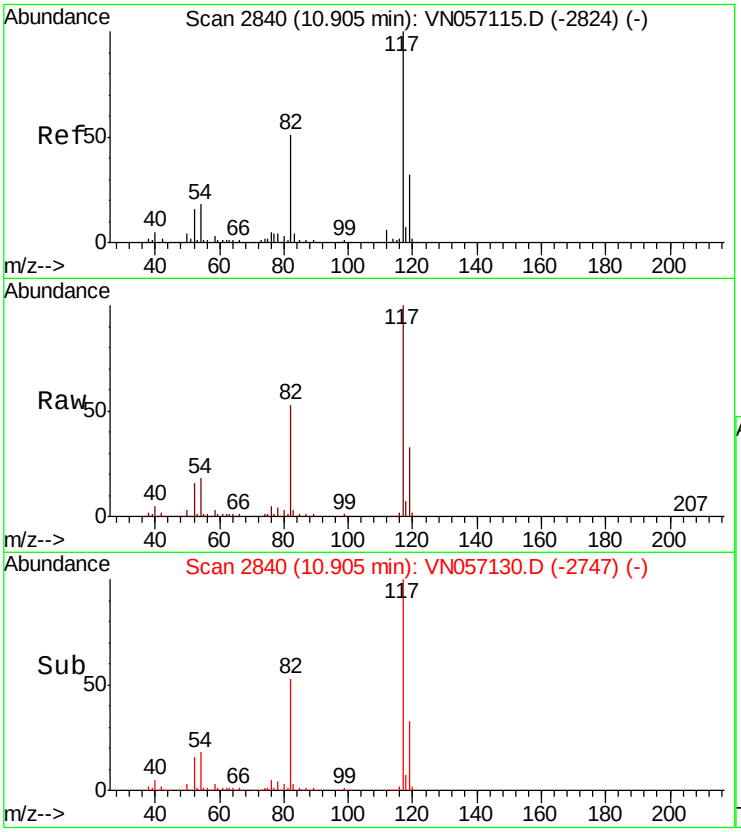


#62
4-Bromofluorobenzene
Concen: 41.408 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 95 Resp: 660215

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	185.0
176	91.5	0.0	181.2



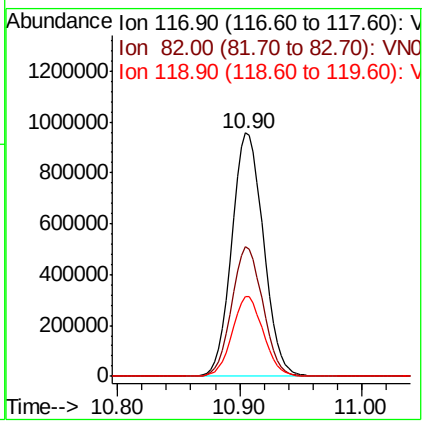


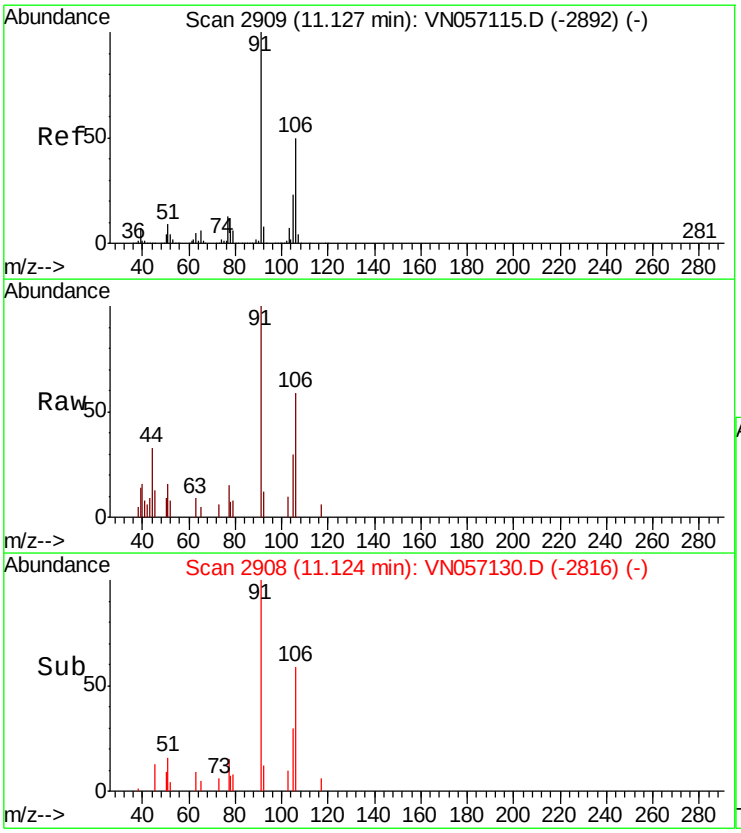
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument : MSVOA_N
ClientSampleId : AU-05-080719-B

Tgt Ion:117 Resp: 1724464

Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.8	61.2
119	32.6	25.7	38.5

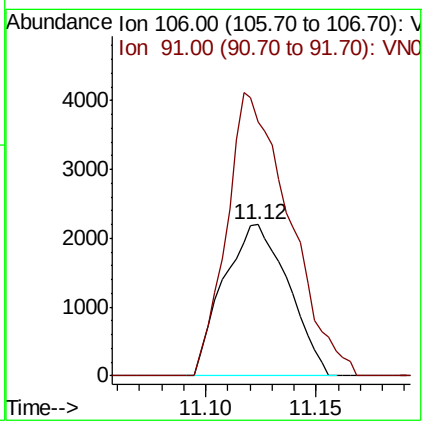


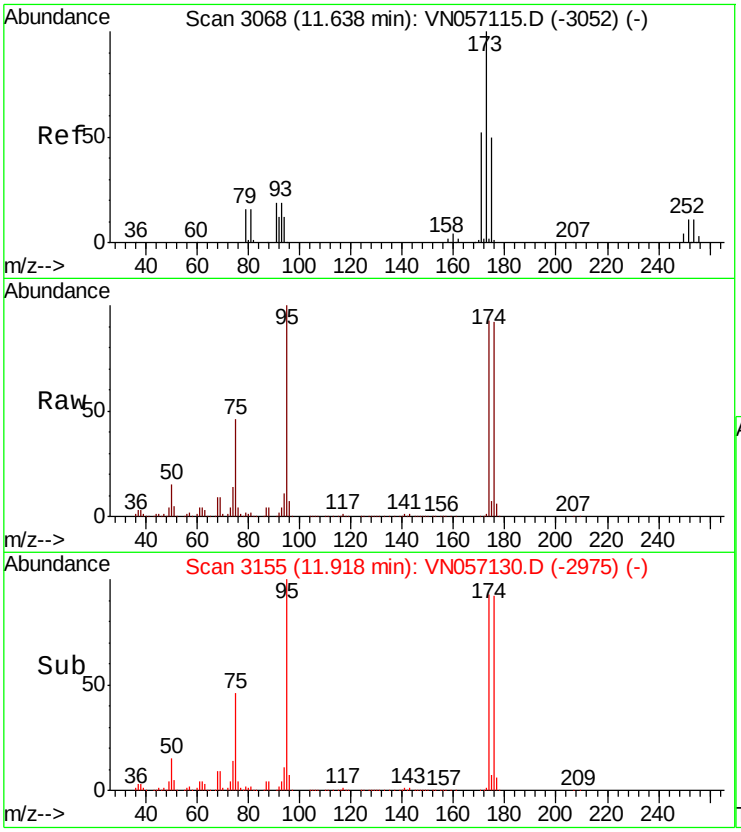


#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 11.12 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion:106 Resp: 4496

Ion	Ratio	Lower	Upper
106	100		
91	180.6	159.8	239.8



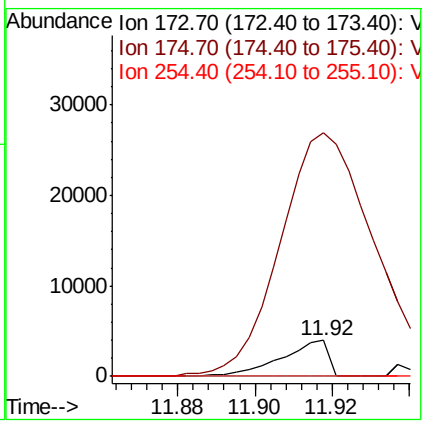


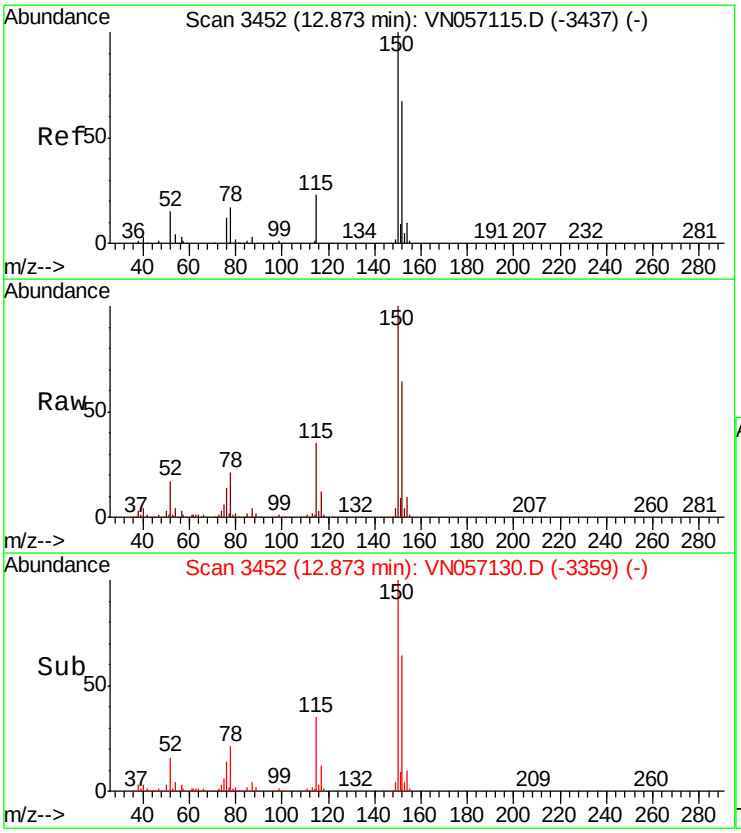
#71
Bromoform
Concen: 0.350 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. 0.28 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion:173 Resp: 3326

Ion	Ratio	Lower	Upper
173	100		
175	984.0	24.6	73.8#
254	0.0	0.1	0.1#

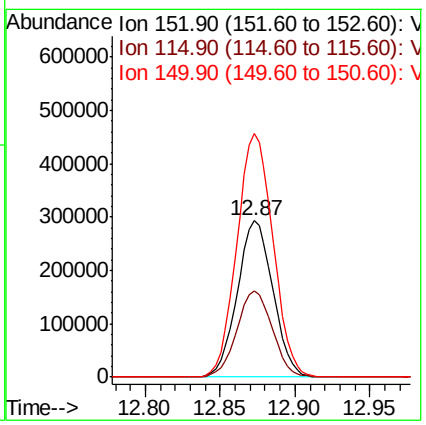


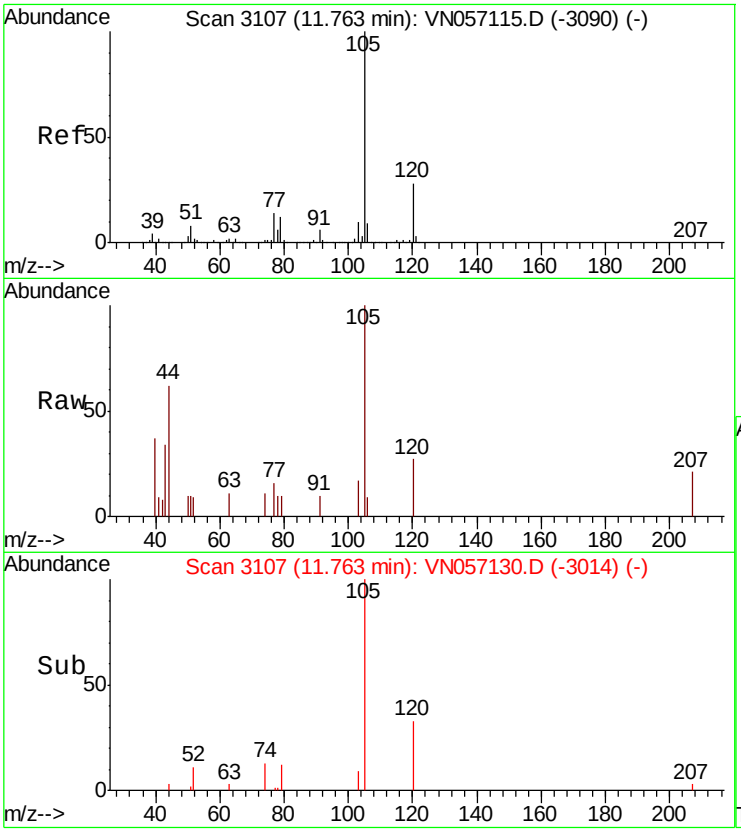


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.87 min Scan# 3452
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion:152 Resp: 485964

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.5	82.5
150	157.9	0.0	341.6



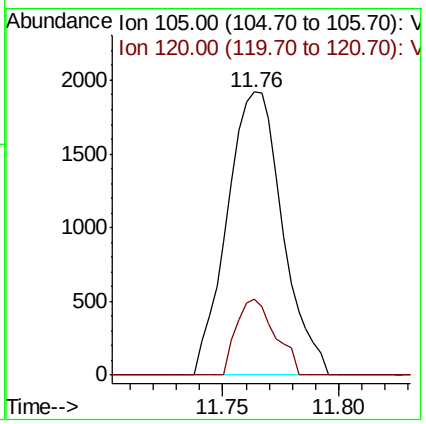


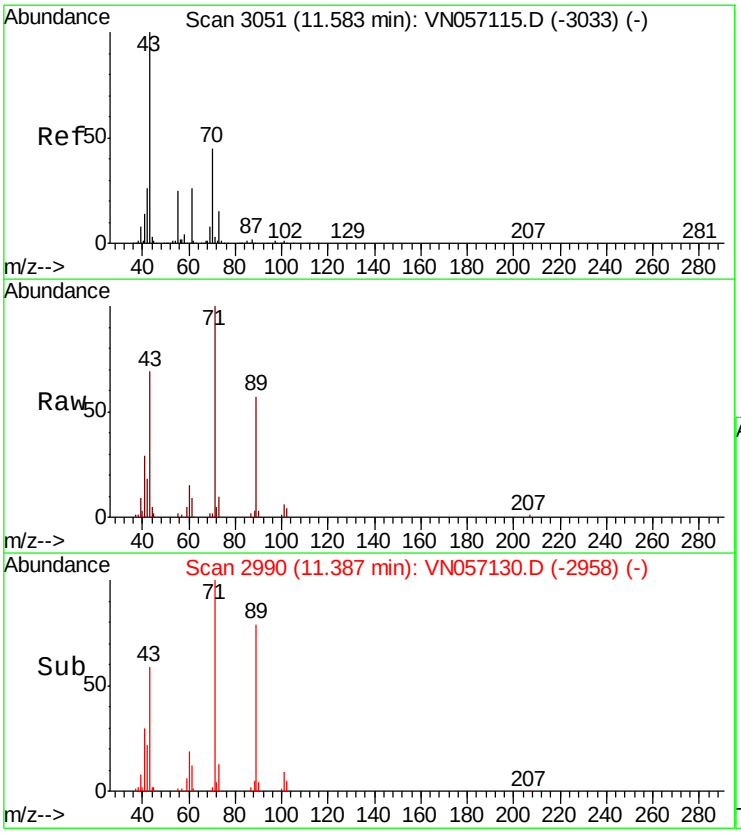
#73
Isopropylbenzene
Concen: Below Cal
RT: 11.76 min Scan# 3107
Delta R.T. 0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument : MSVOA_N
ClientSampleId : AU-05-080719-B

Tgt Ion:105 Resp: 3193

Ion	Ratio	Lower	Upper
105	100		
120	18.6	13.7	41.0

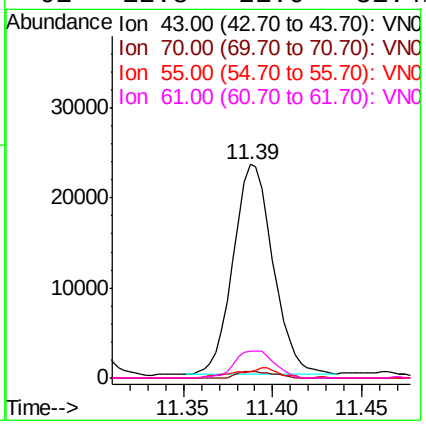


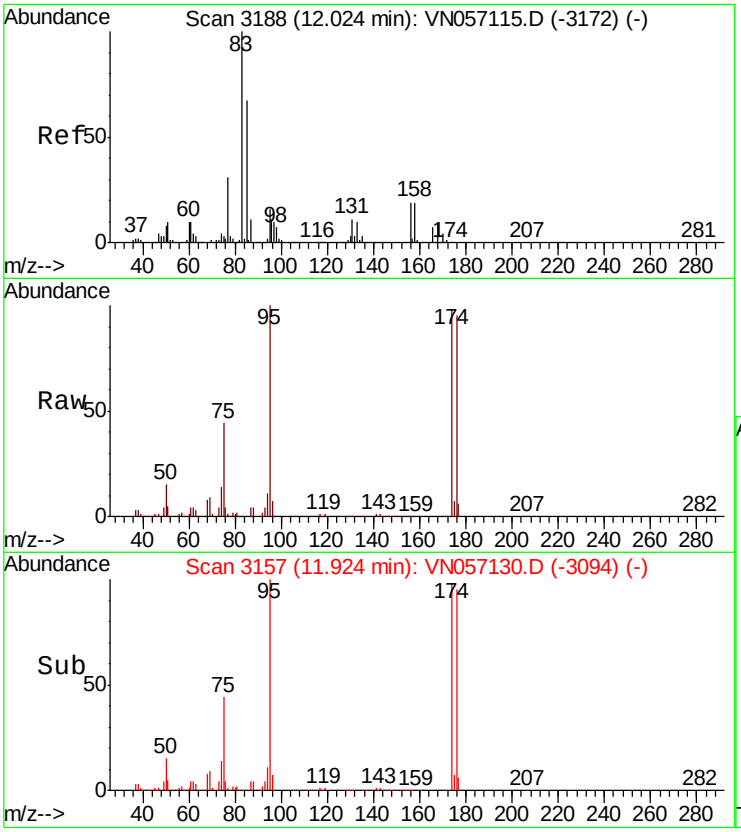


#74
N-amyl acetate
Concen: 2.973 ug/l
RT: 11.39 min Scan# 2990
Delta R.T. -0.20 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 43 Resp: 36606

Ion	Ratio	Lower	Upper
43	100		
70	2.9	36.8	55.2#
55	5.0	20.6	31.0#
61	12.8	21.0	31.4#



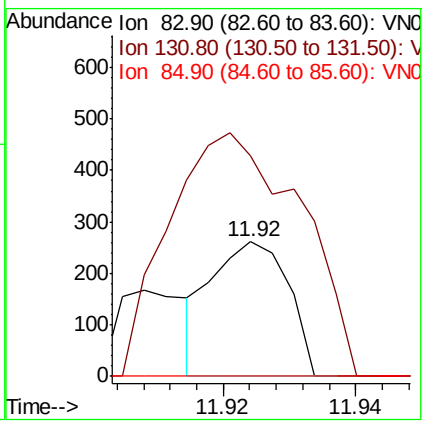


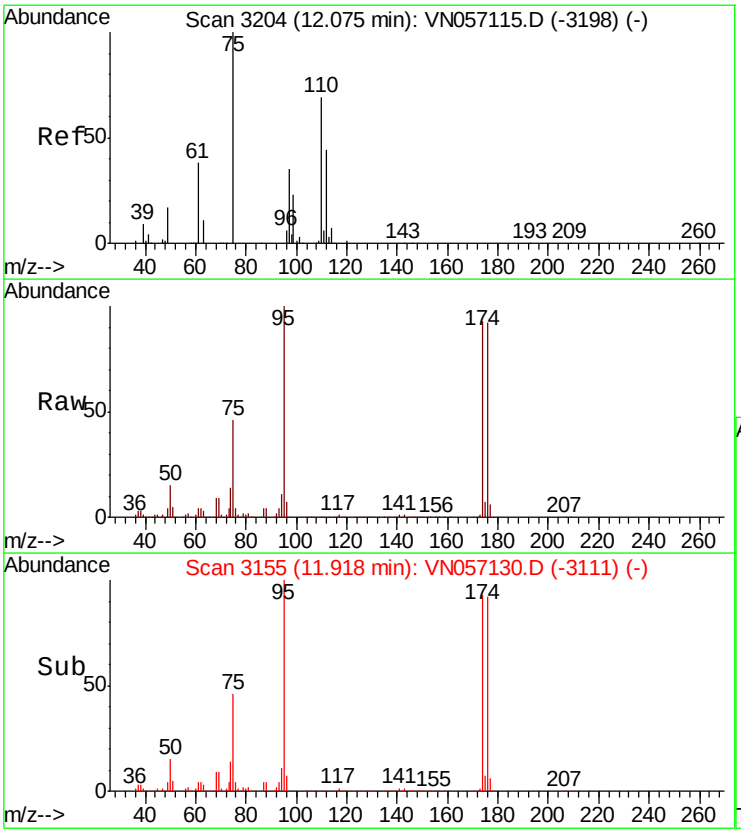
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.92 min Scan# 3157
Delta R.T. -0.10 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument : MSVOA_N
ClientSampleId : AU-05-080719-B

Tgt Ion: 83 Resp: 207

Ion	Ratio	Lower	Upper
83	100		
131	315.9	5.5	16.4#
85	0.0	32.4	97.0#

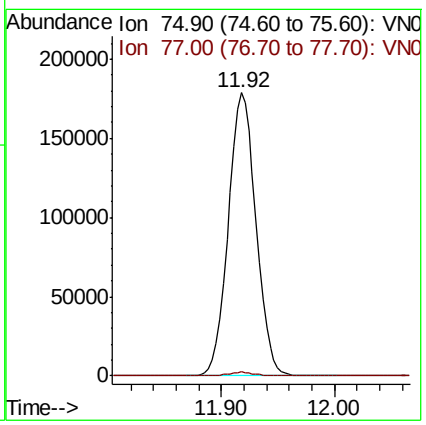


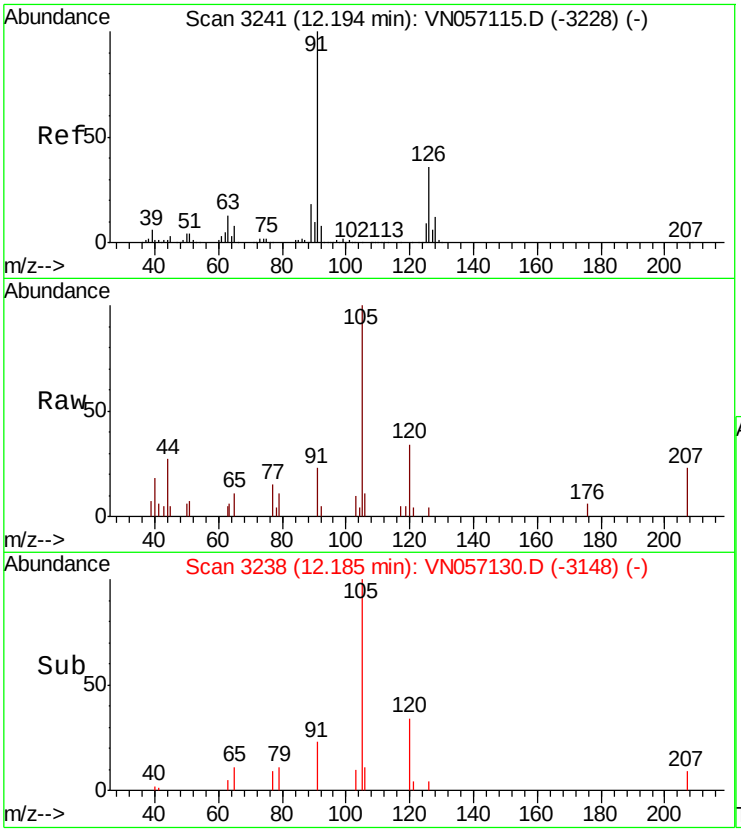


#76
1,2,3-Trichloropropane
Concen: 30.881 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.16 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion: 75 Resp: 303661

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



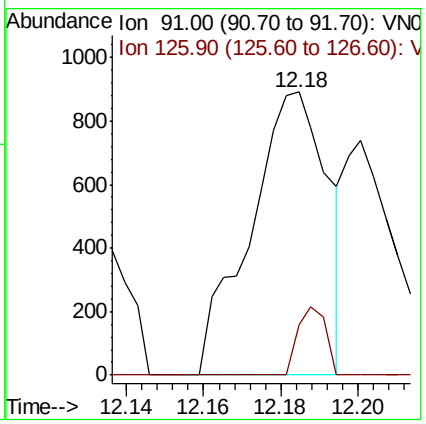


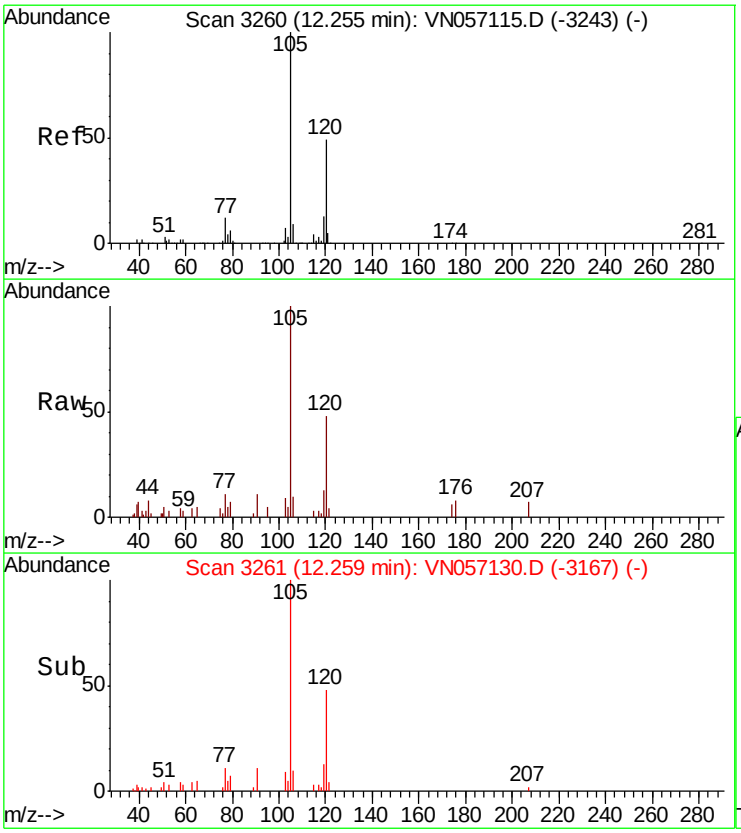
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.18 min Scan# 3238
Delta R.T. -0.01 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 91 Resp: 1239

Ion	Ratio	Lower	Upper
91	100		
126	8.6	18.1	54.3#

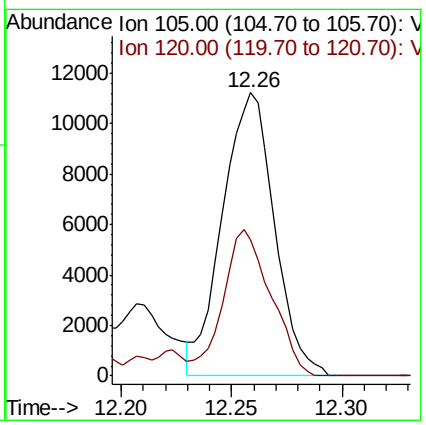


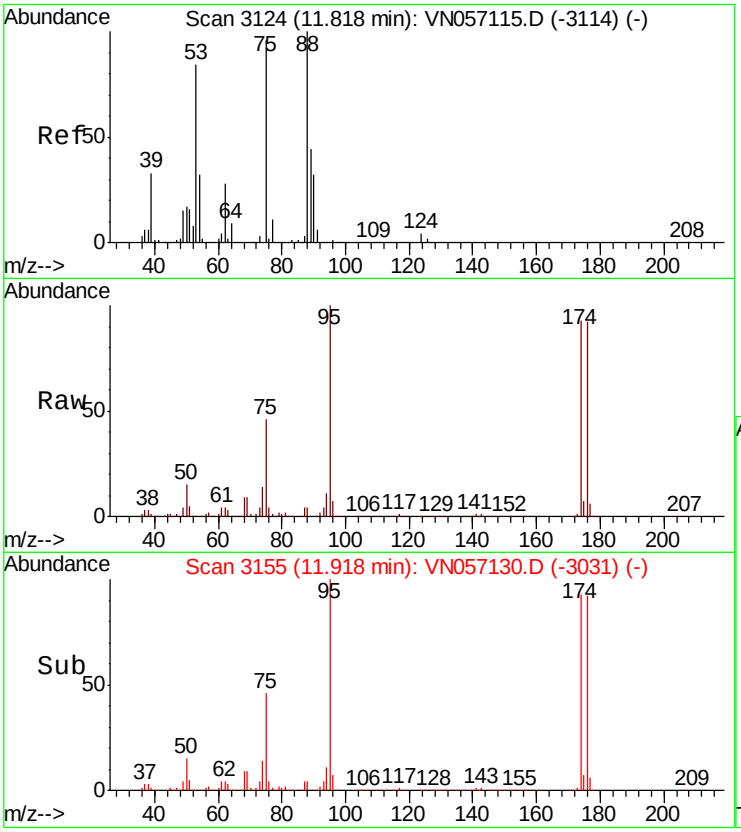


#80
1,3,5-Trimethylbenzene
Concen: 0.489 ug/l
RT: 12.26 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion:105 Resp: 18363

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.6	73.6



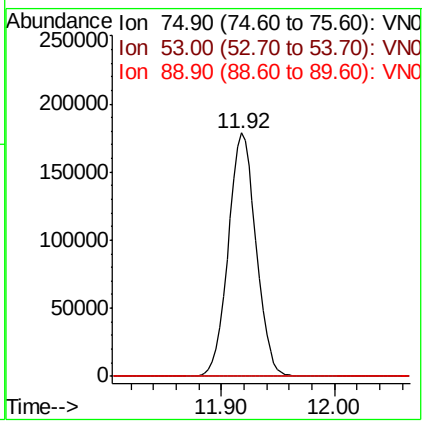


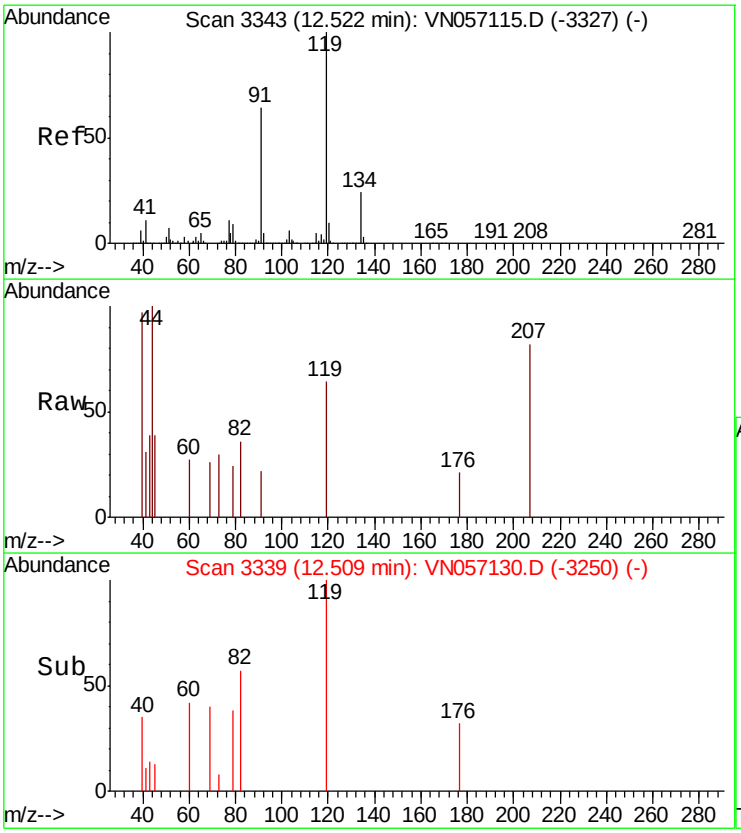
#81
trans-1,4-Dichloro-2-butene
Concen: 91.877 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. 0.10 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion: 75 Resp: 303661

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.6	106.0#
89	0.0	36.4	54.6#

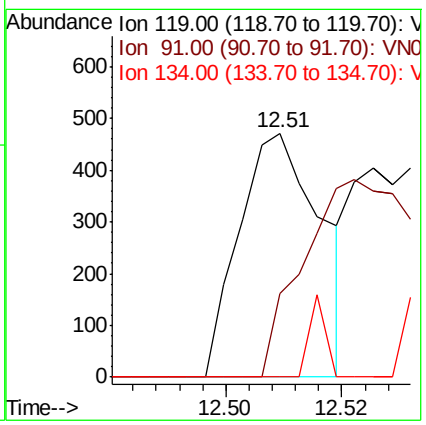


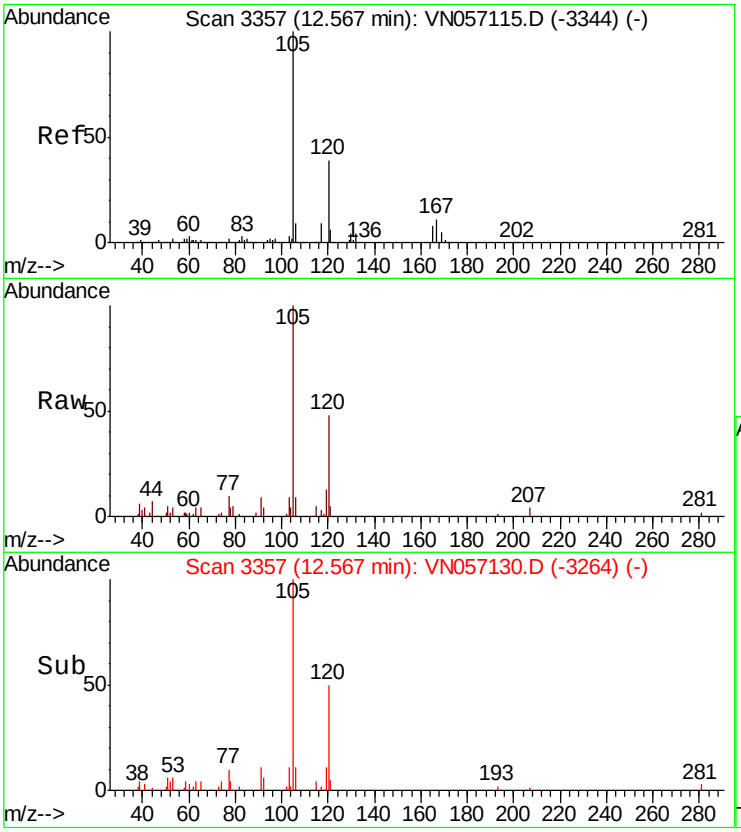


#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.51 min Scan# 3339
Delta R.T. -0.01 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion:119 Resp: 460

Ion	Ratio	Lower	Upper
119	100		
91	116.3	31.4	94.2#
134	6.7	13.2	39.6#



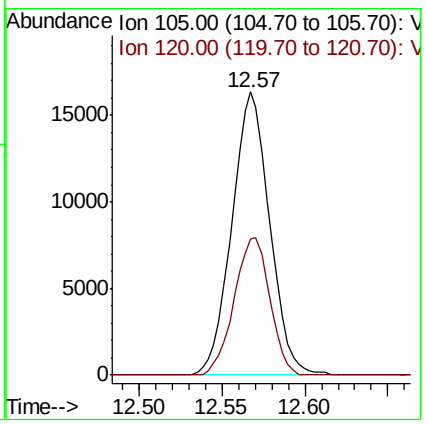


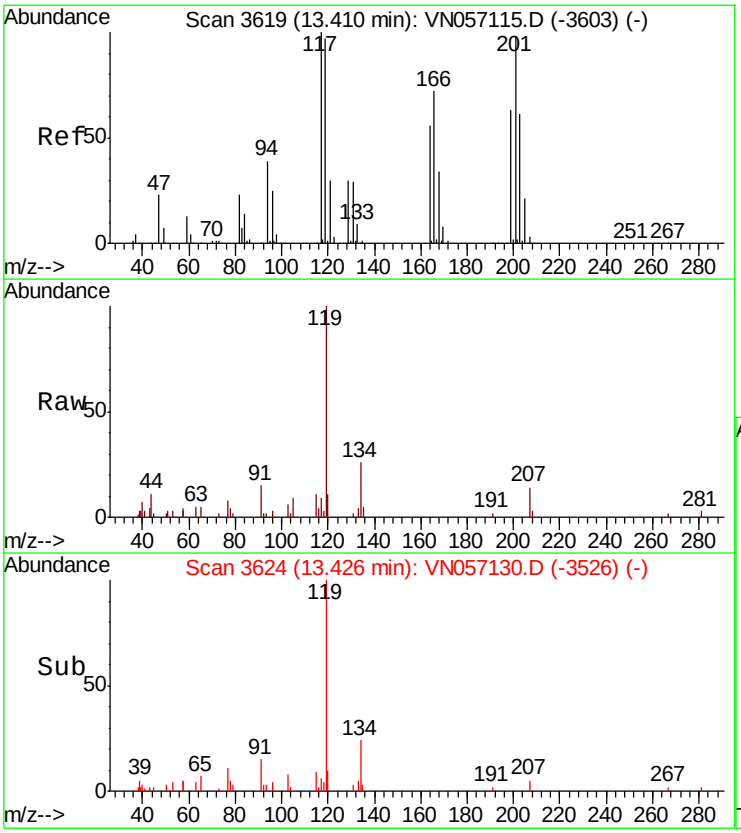
#84
1,2,4-Trimethylbenzene
Concen: 0.713 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion:105 Resp: 25840

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.3	69.8

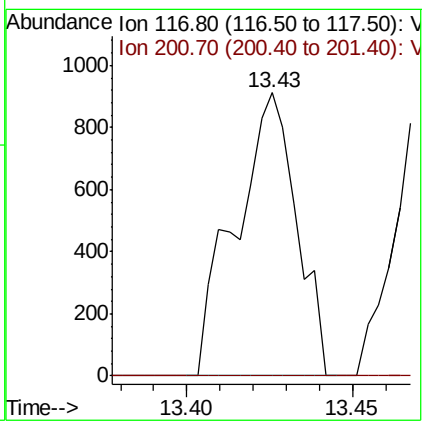


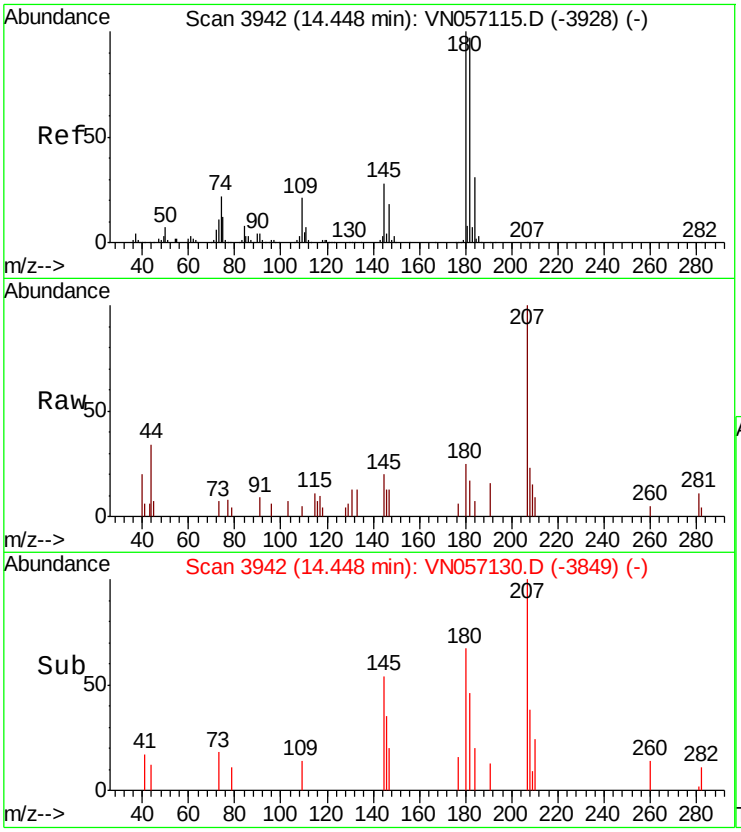


#90
Hexachloroethane
Concen: Below Cal
RT: 13.43 min Scan# 3624
Delta R.T. 0.02 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion:117 Resp: 1163

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.3	147.8#



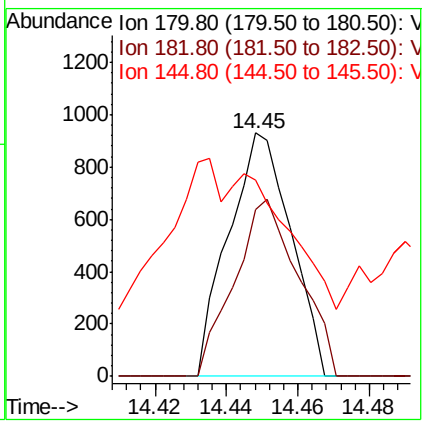


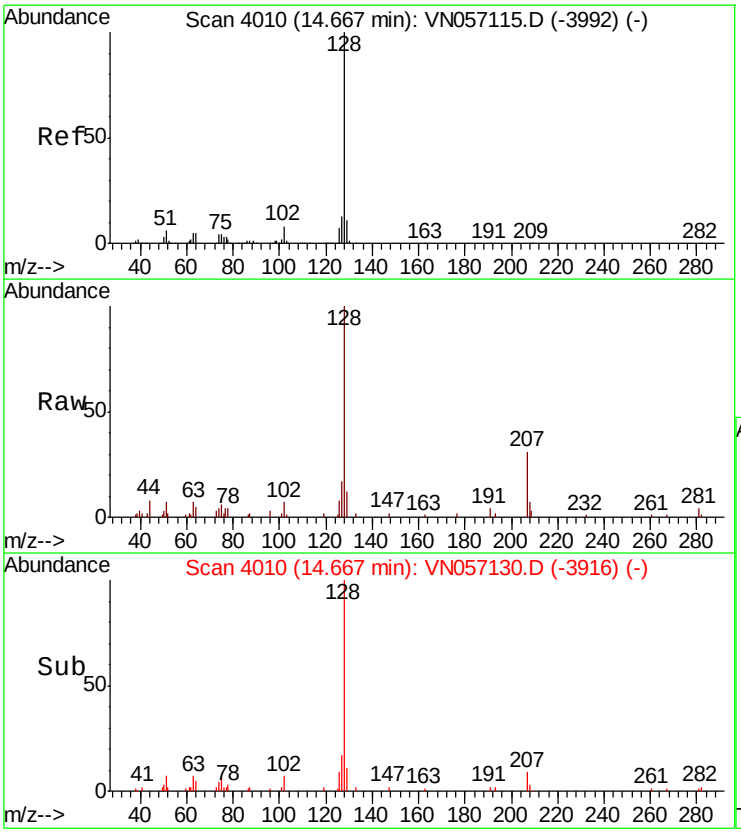
#93
1,2,4-Trichlorobenzene
Concen: 6.071 ug/l
RT: 14.45 min Scan# 3942
Delta R.T. 0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion:180 Resp: 1122

Ion	Ratio	Lower	Upper
180	100		
182	75.1	47.5	142.6
145	101.1	14.1	42.2#

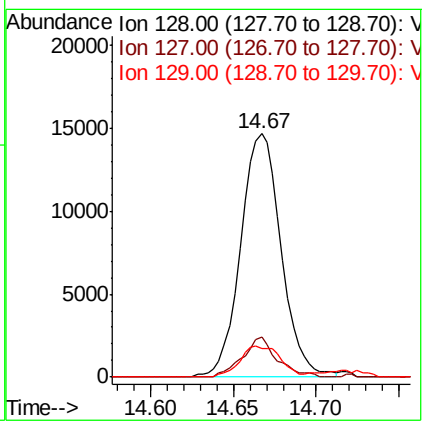


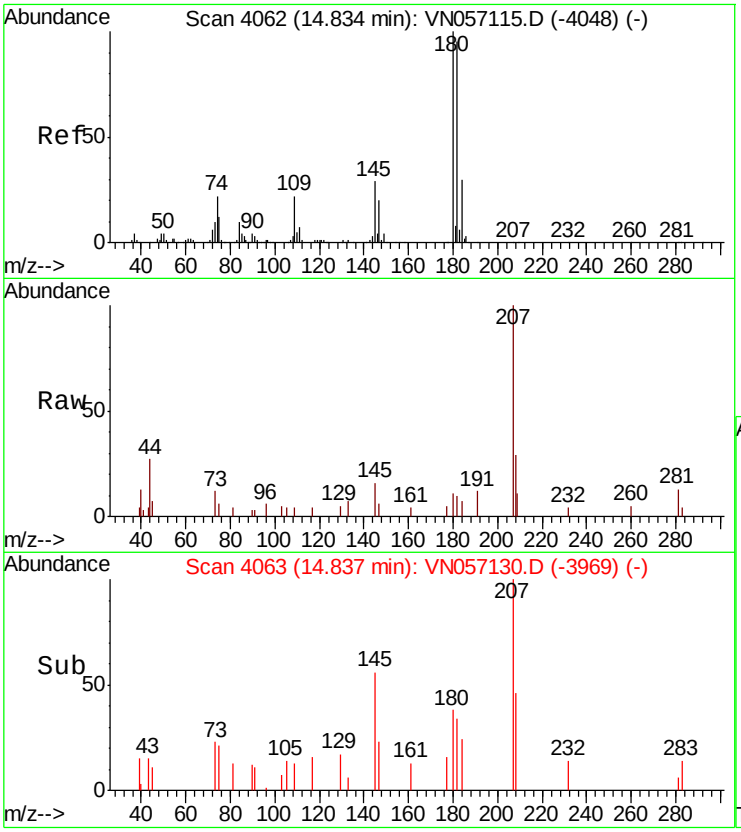


#95
Naphthalene
Concen: 4.783 ug/l
RT: 14.67 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Tgt Ion:128 Resp: 24941

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.3	15.5
129	12.8	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 5.823 ug/l
RT: 14.84 min Scan# 4063
Delta R.T. 0.00 min
Lab File: VN057130.D
Acq: 8 Aug 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
AU-05-080719-B

Tgt Ion:180 Resp: 839

Ion	Ratio	Lower	Upper
180	100		
182	116.2	48.3	144.8
145	0.0	14.9	44.5#