Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032119\
Data File : VN054541.D
Acq On : 22 Mar 2019 5:56
Operator : JC/SP
Sample : K1690-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Quant Time: Mar 22 10:22:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	651205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1038394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	852752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414462	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%			
35) Dibromofluoromethane	7.59	113	316999	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.78%			
50) Toluene-d8	10.09	98	1223535	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.30%			
62) 4-Bromofluorobenzene	12.40	95	370471	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.58%			
Target Compounds						Qvalue
8) Diethyl Ether	3.42	74	2018	0.508	ug/l #	45
13) Acrolein	3.61	56	370	0.547	ug/l	97
16) Acetone	3.82	43	254216	104.390	ug/l #	82
18) Methyl Acetate	4.33	43	1982	0.365	ug/l	100
20) Methylene Chloride	4.55	84	253010	35.245	ug/l #	80
25) 2-Butanone	6.85	43	1352	0.433	ug/l	89
29) Tetrahydrofuran	7.24	42	1403	0.693	ug/l #	47
31) Cyclohexane	7.66	56	13881	Below Cal	#	38
36) 1,1-Dichloropropene	7.66	75	47284	4.870	ug/l #	49
38) Carbon Tetrachloride	7.67	117	62128	6.585	ug/l #	16
43) Isopropyl Acetate	8.17	43	16355	1.402	ug/l #	94
45) 1,2-Dichloropropane	9.27	63	1605	0.215	ug/l #	43
48) Methyl methacrylate	9.18	41	10209	1.613	ug/l #	11
49) 1,4-Dioxane	9.27	88	128	1.809	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	8784	1.359	ug/l #	36
52) Toluene	10.16	92	57631	3.375	ug/l	94
53) t-1,3-Dichloropropene	10.15	75	665	2.297	ug/l #	75
54) cis-1,3-Dichloropropene	9.90	75	60755	5.741	ug/l #	70
57) 1,3-Dichloropropane	10.76	76	10805	1.013	ug/l #	43
59) 2-Hexanone	10.77	43	186105	44.083	ug/l #	46
71) Bromoform	12.39	173	374	2.304	ug/l #	1
74) N-amyl acetate	12.03	43	2995	0.416	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	189082	38.312	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7171	0.349	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	189082	126.868	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	10574	0.525	ug/l	93
95) Naphthalene	15.13	128	13737	1.238	ug/l	98

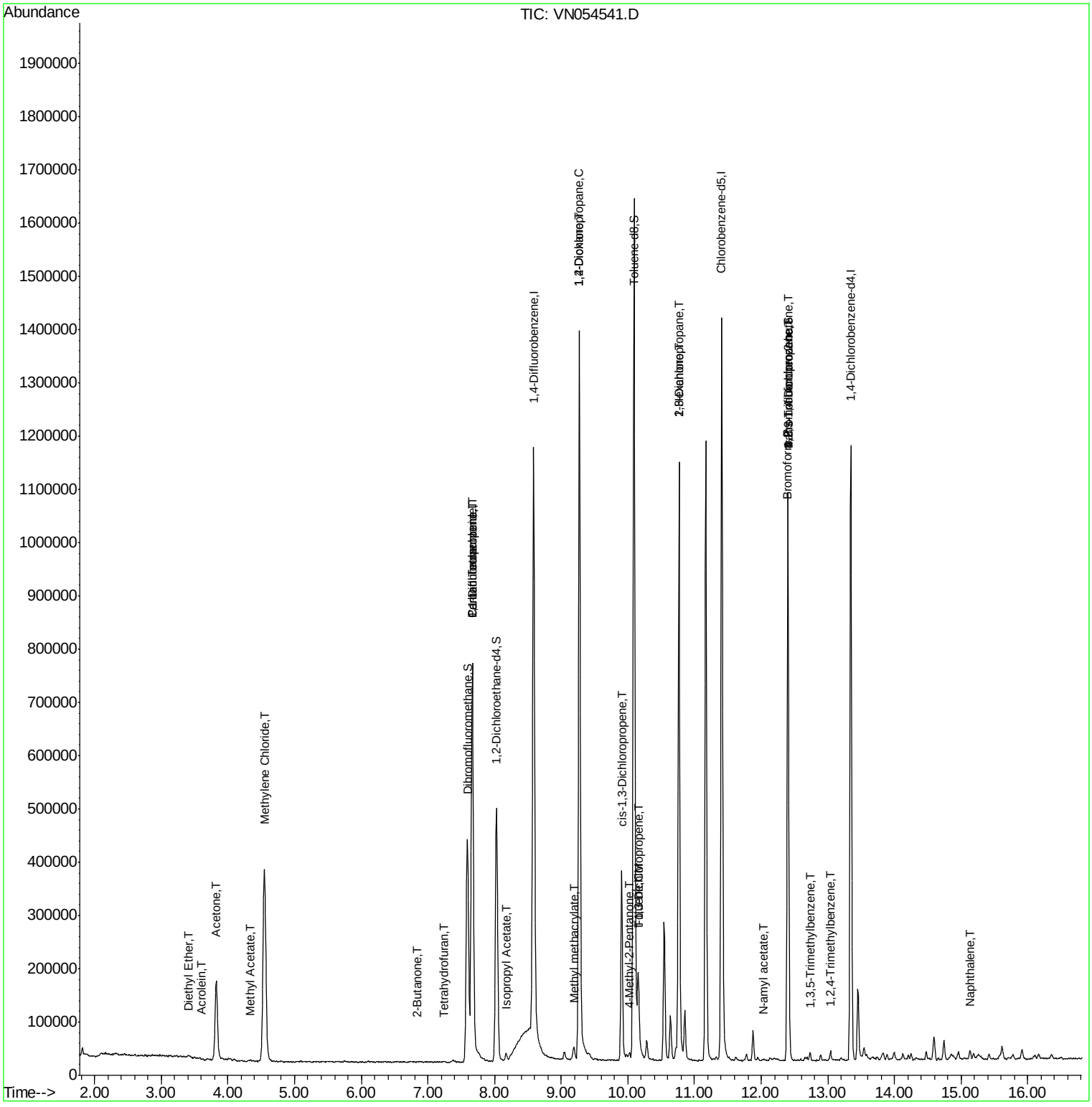
(#) = qualifier out of range (m) = manual integration (+) = signals summed

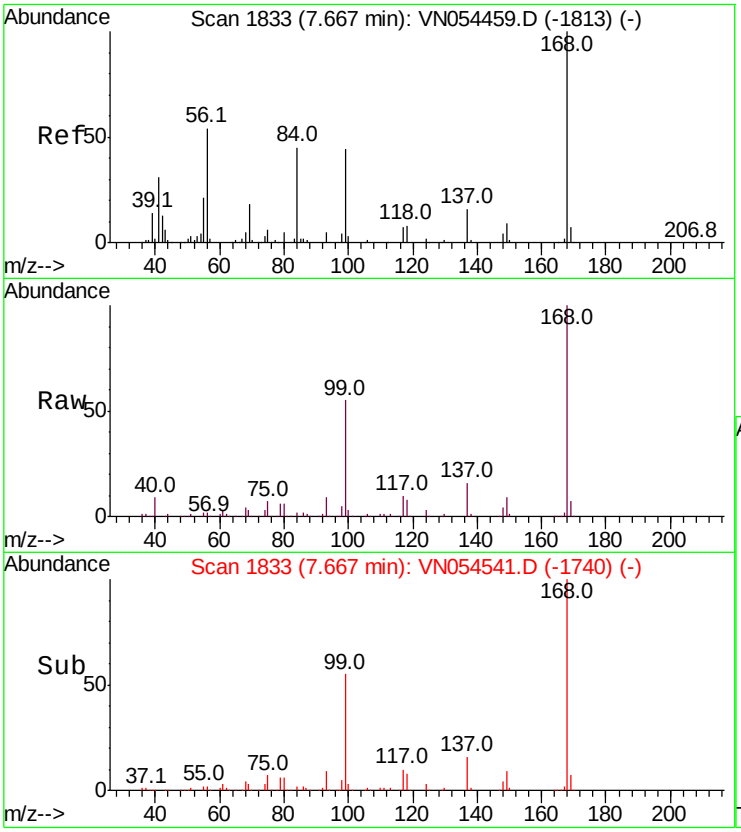
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032119\
Data File : VN054541.D
Acq On : 22 Mar 2019 5:56
Operator : JC/SP
Sample : K1690-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Quant Time: Mar 22 10:22:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration



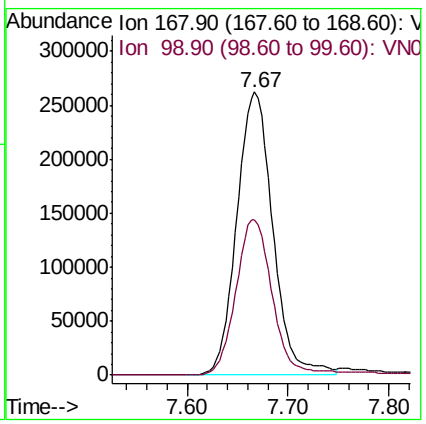


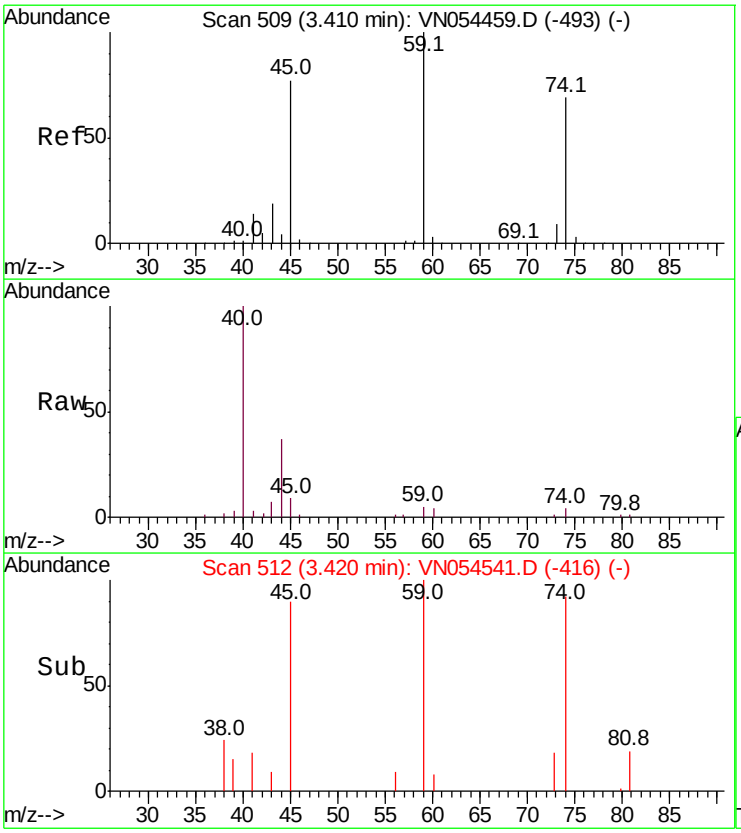
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion:168 Resp: 651205

Ion	Ratio	Lower	Upper
168	100		
99	54.8	37.1	55.7

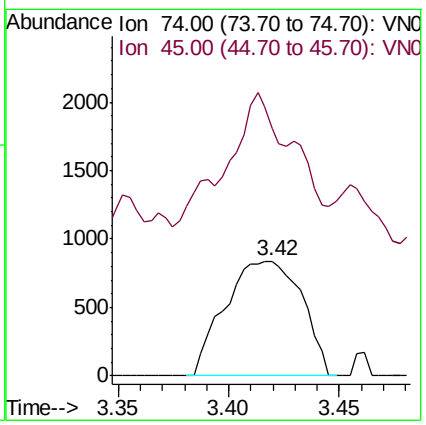


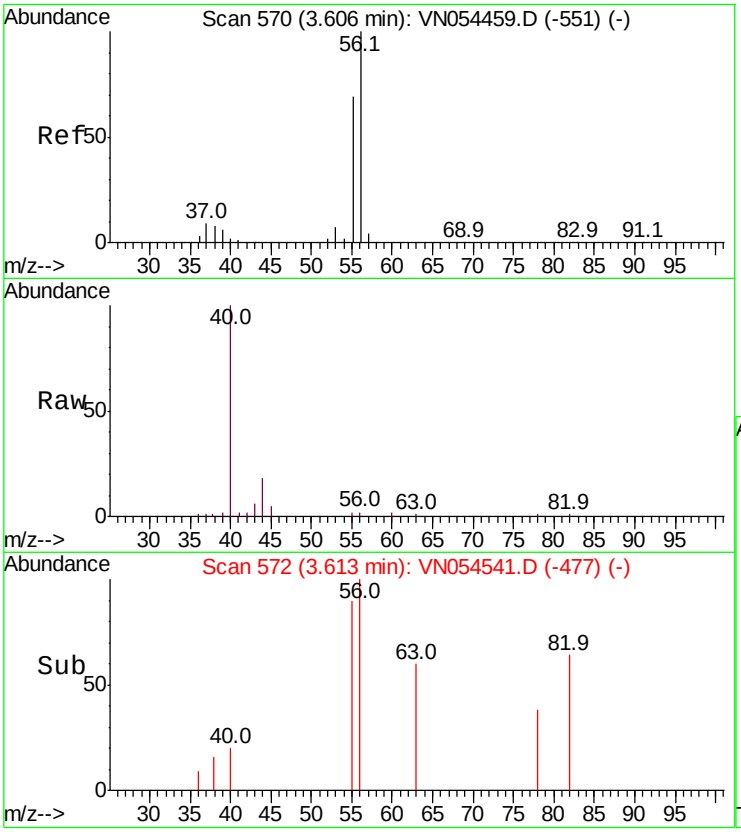


#8
Diethyl Ether
Concen: 0.508 ug/l
RT: 3.42 min Scan# 512
Delta R.T. 0.01 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 74 Resp: 2018

Ion	Ratio	Lower	Upper
74	100		
45	136.6	43.1	129.4#



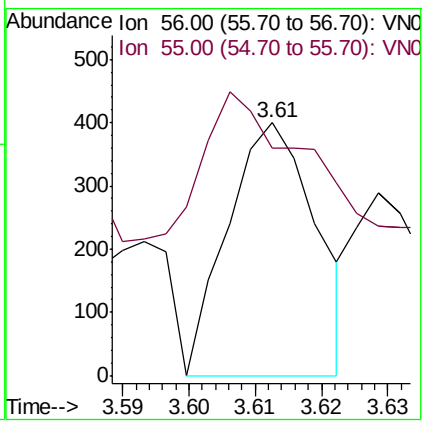


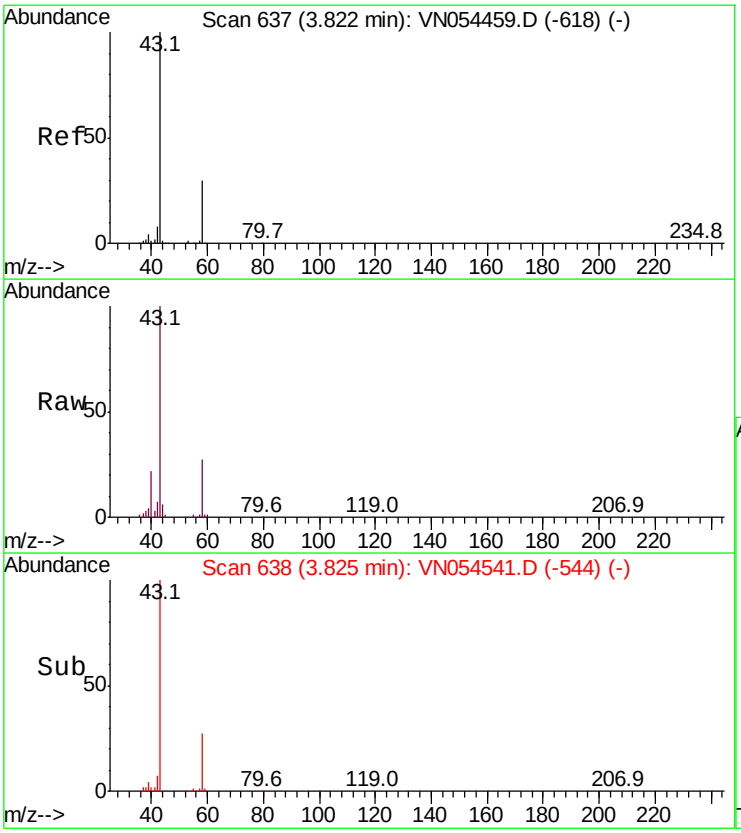
#13
Acrolein
Concen: 0.547 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion: 56 Resp: 370

Ion	Ratio	Lower	Upper
56	100		
55	68.1	56.7	85.1

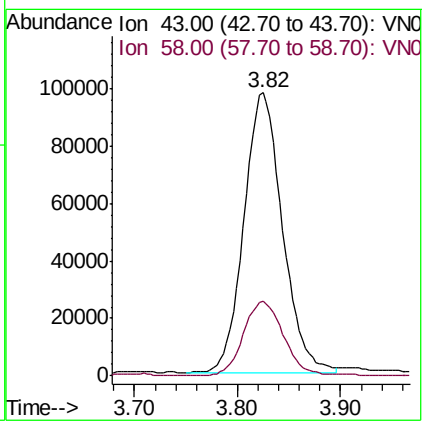


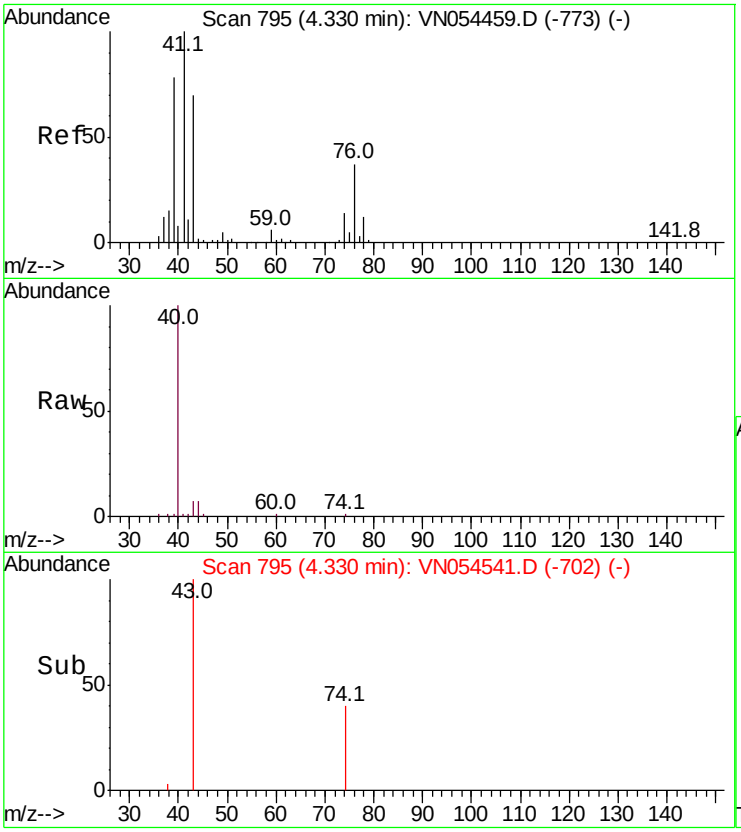


#16
Acetone
Concen: 104.390 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 43 Resp: 254216

Ion	Ratio	Lower	Upper
43	100		
58	26.7	29.9	44.9#



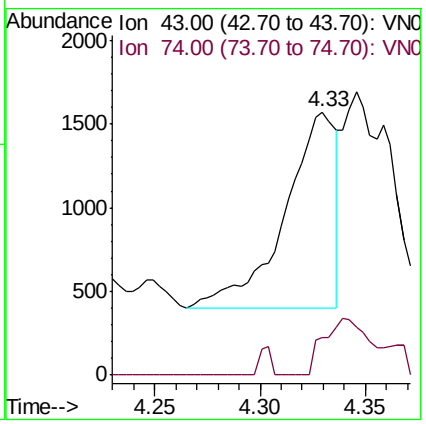


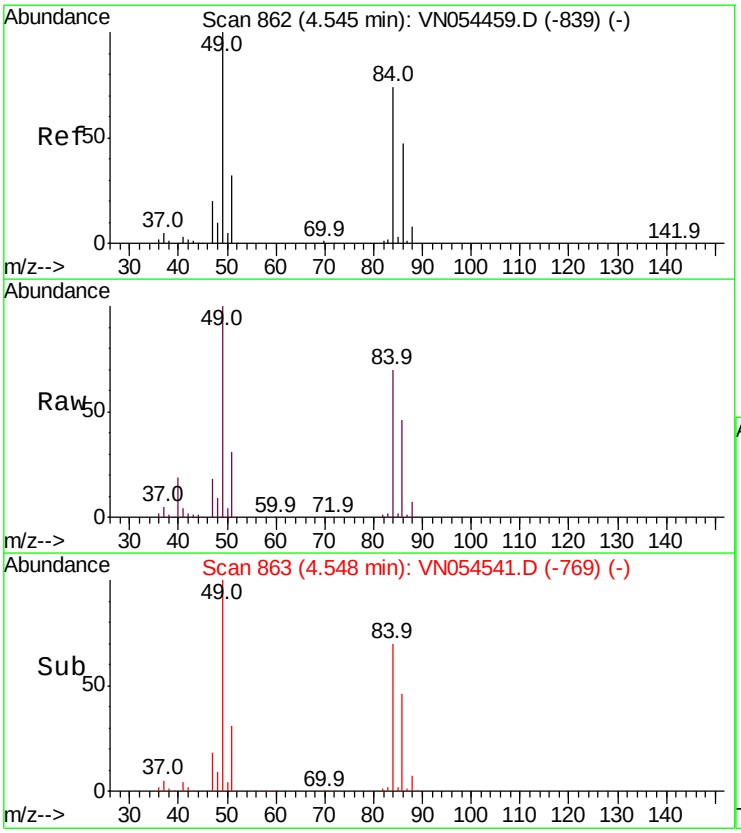
#18
Methyl Acetate
Concen: 0.365 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Tgt Ion: 43 Resp: 1982

Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.8	31.2

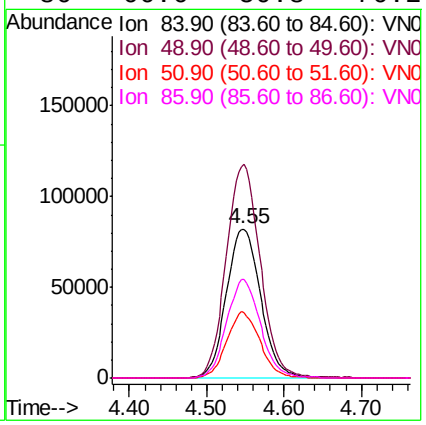


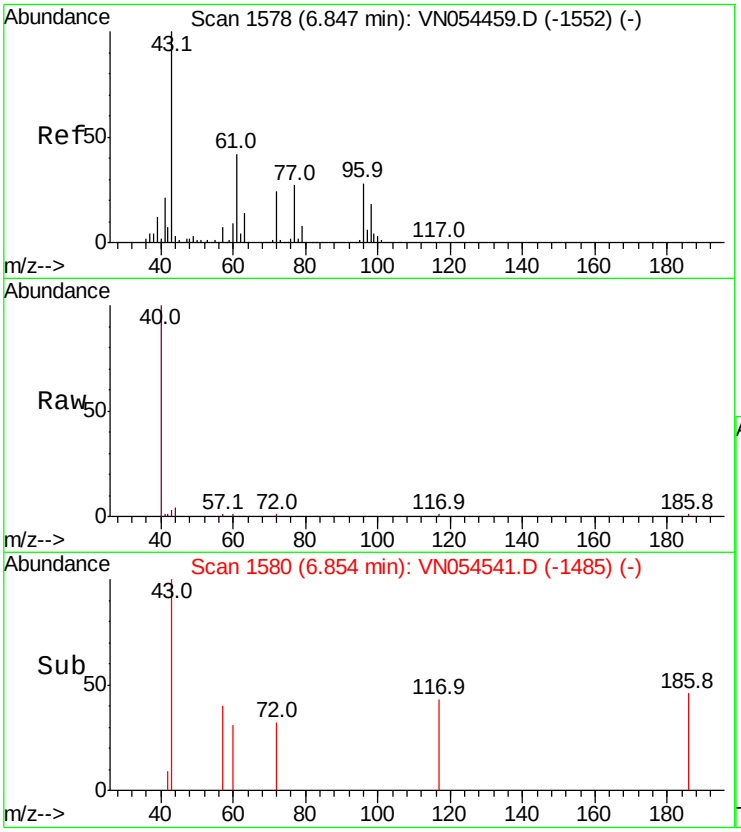


#20
Methylene Chloride
Concen: 35.245 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 84 Resp: 253010

Ion	Ratio	Lower	Upper
84	100		
49	143.8	89.7	134.5#
51	44.3	28.2	42.4#
86	66.6	50.8	76.2



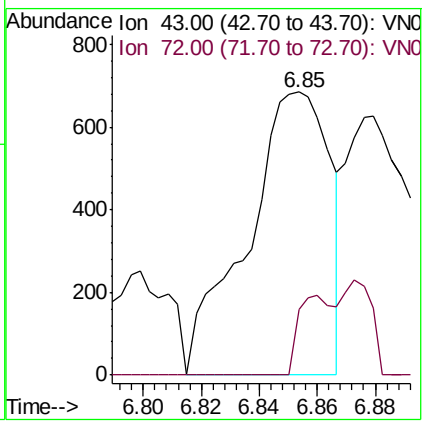


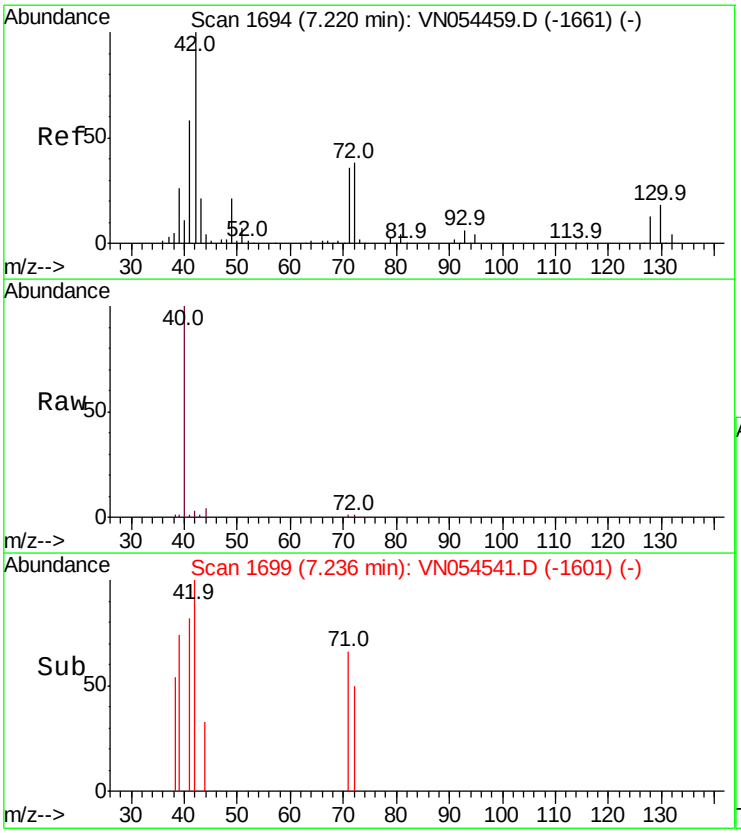
#25
2-Butanone
Concen: 0.433 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion: 43 Resp: 1352

Ion	Ratio	Lower	Upper
43	100		
72	23.1	23.0	34.6

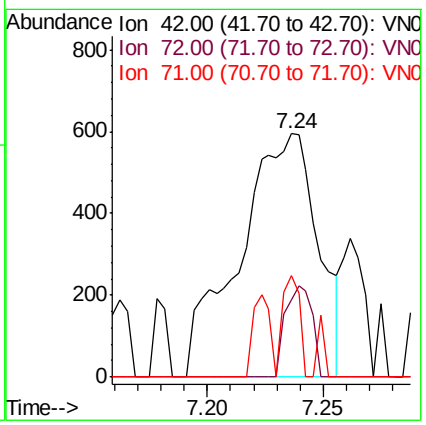


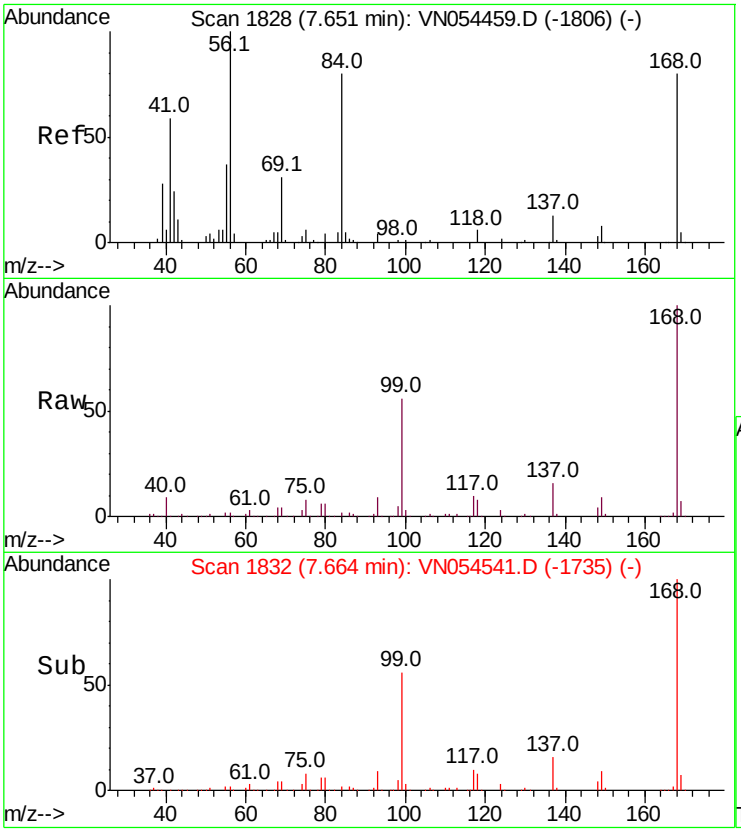


#29
Tetrahydrofuran
Concen: 0.693 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.02 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 42 Resp: 1403

Ion	Ratio	Lower	Upper
42	100		
72	12.8	37.8	56.6#
71	9.1	36.2	54.2#



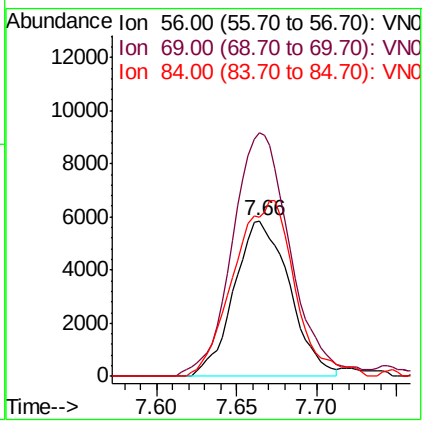


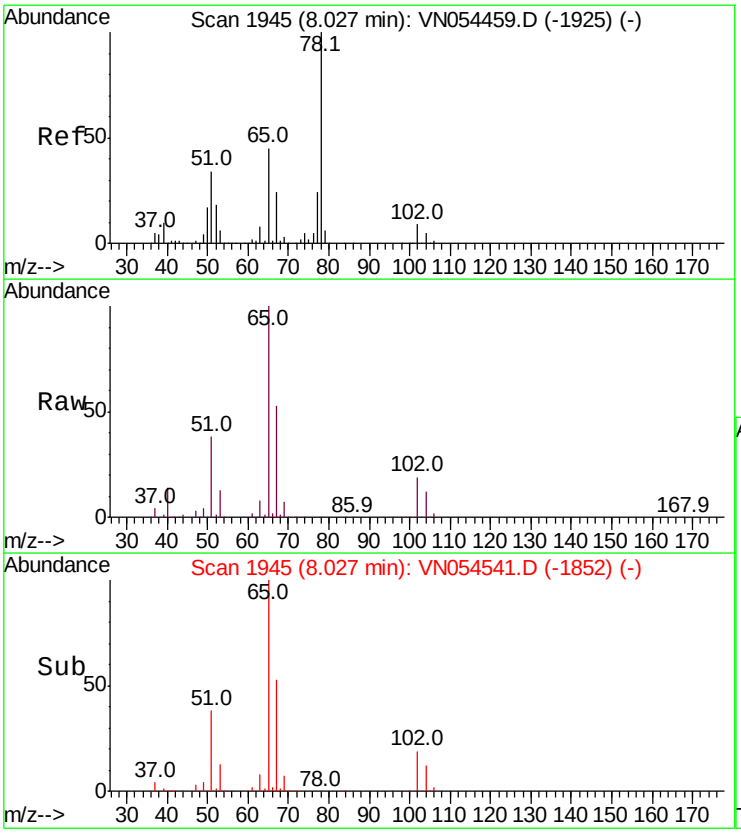
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Tgt Ion: 56 Resp: 13881

Ion	Ratio	Lower	Upper
56	100		
69	151.8	27.8	41.6#
84	101.9	74.6	111.8

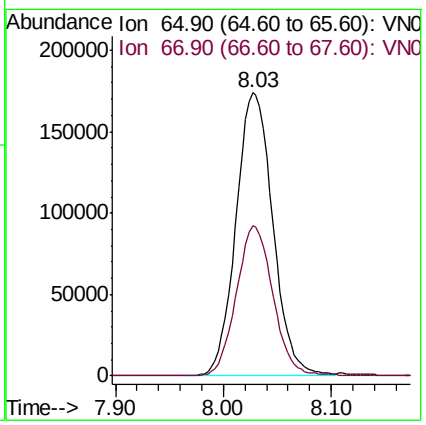


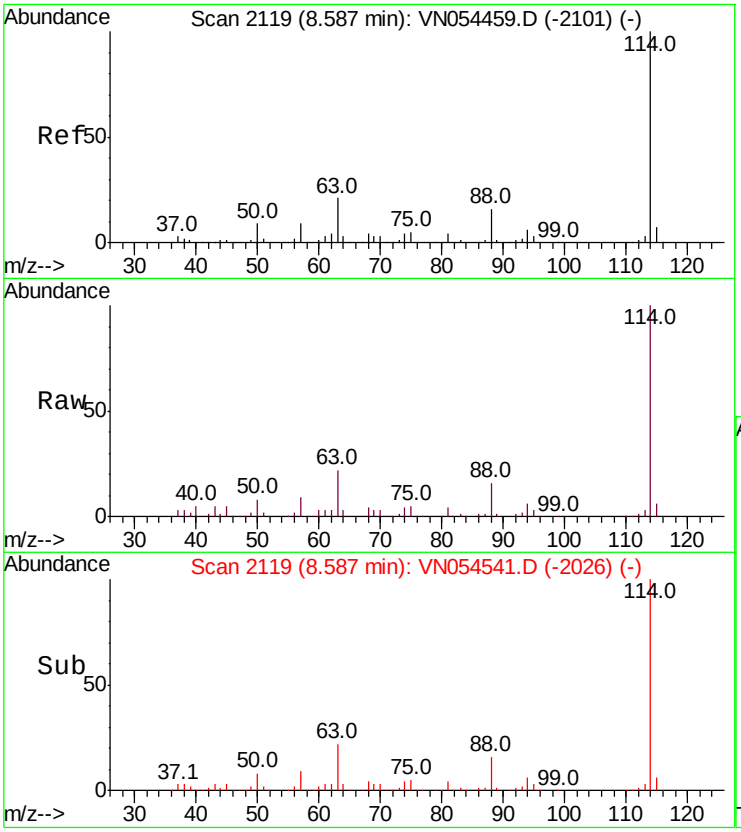


#33
1,2-Dichloroethane-d4
Concen: 51.168 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 65 Resp: 414462

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.6



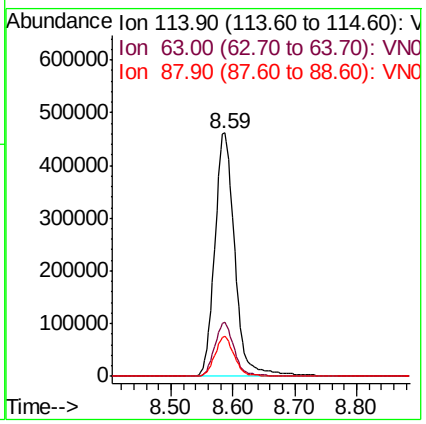


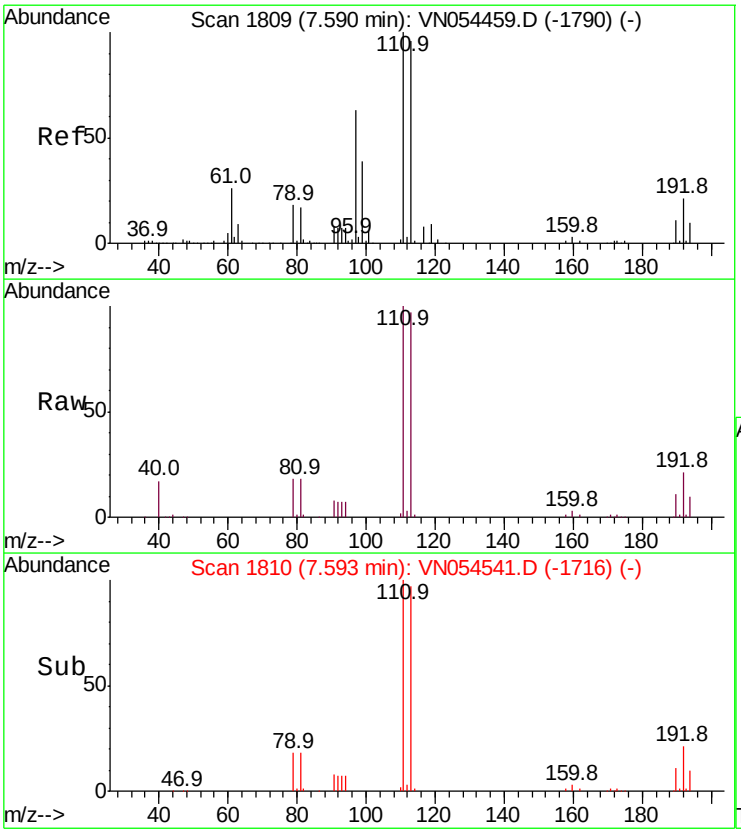
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion:114 Resp: 1038394

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	35.2
88	16.3	0.0	30.2

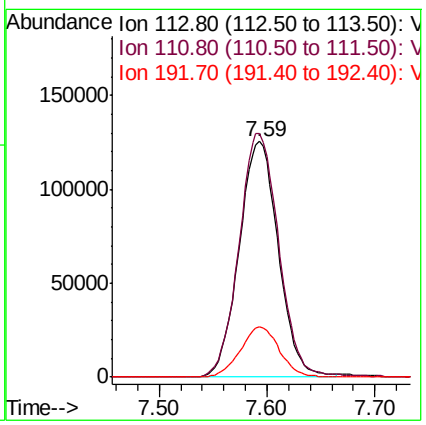


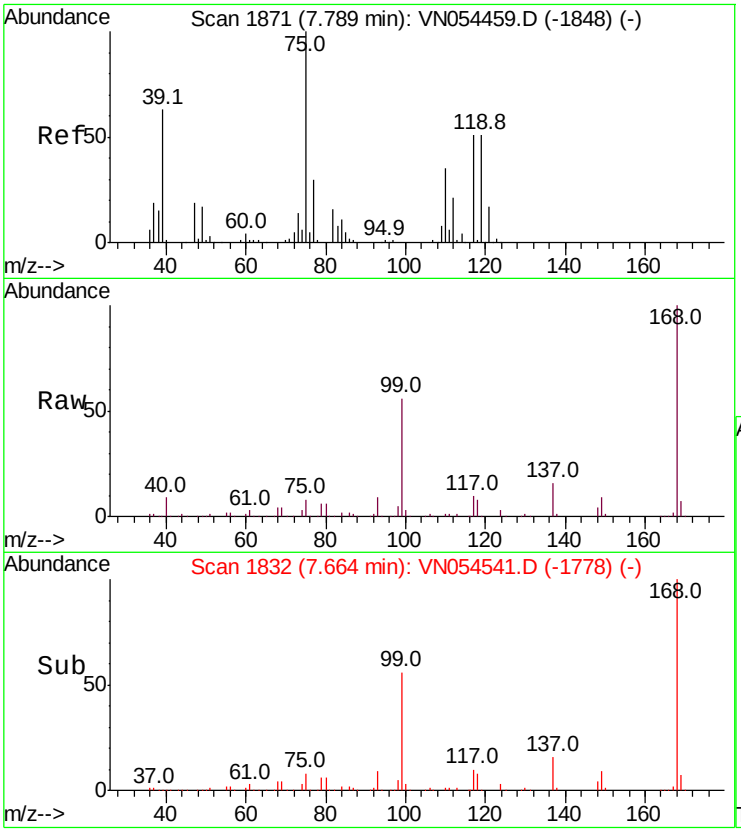


#35
Dibromofluoromethane
Concen: 47.385 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion:113 Resp: 316999

Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.2	123.4
192	21.2	19.2	28.8



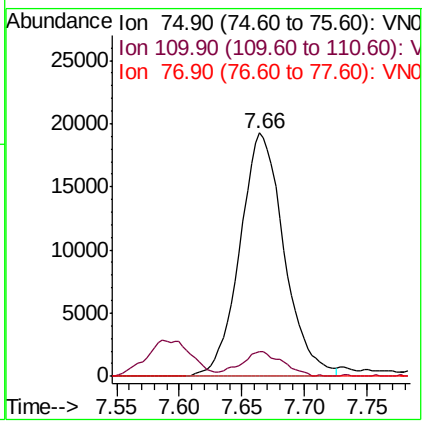


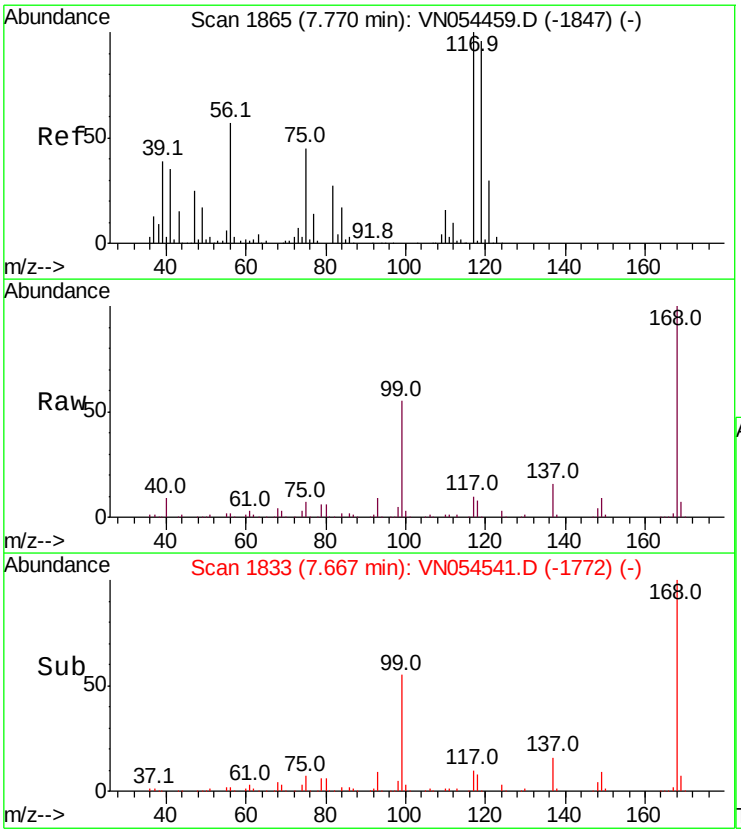
#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion: 75 Resp: 47284

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.1	57.5#
77	0.0	25.0	37.4#

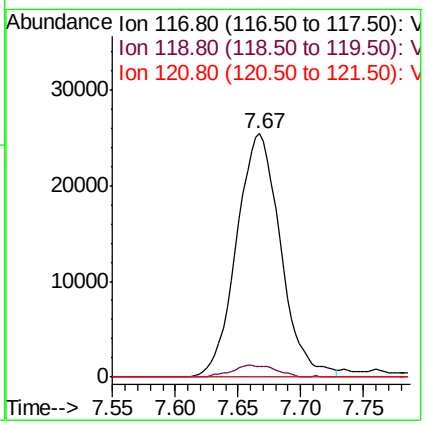


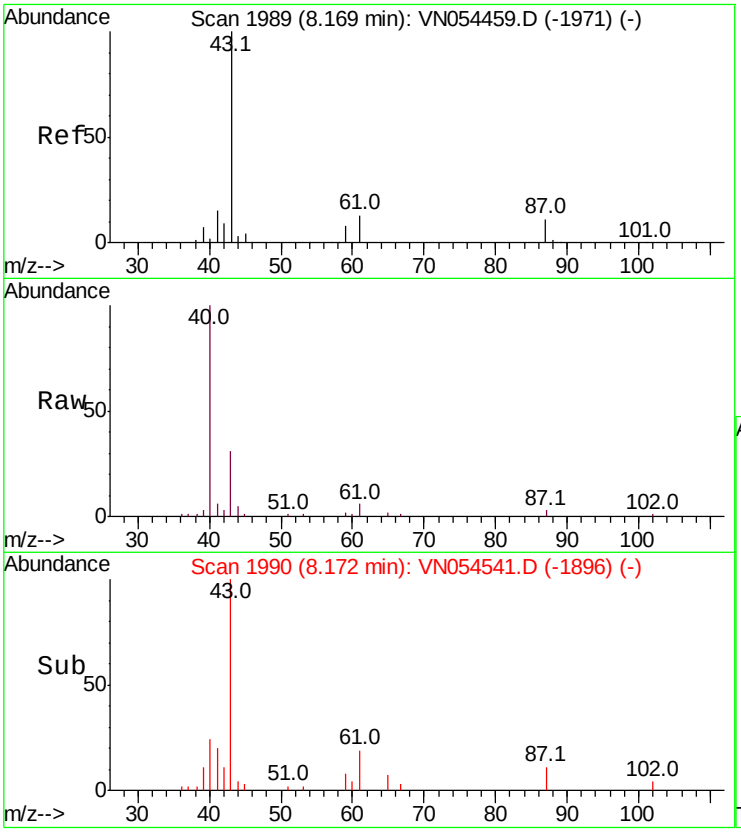


#38
Carbon Tetrachloride
Concen: 6.585 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion:117 Resp: 62128

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.3	114.5#
121	0.0	24.6	36.8#



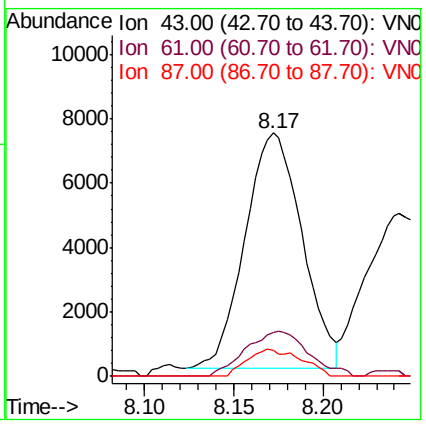


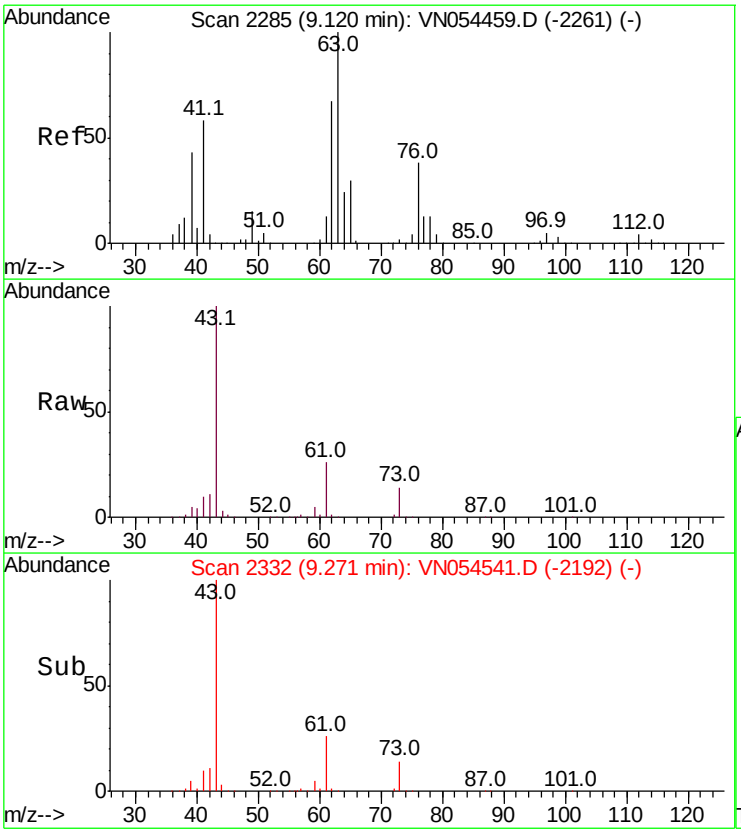
#43
Isopropyl Acetate
Concen: 1.402 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Tgt Ion: 43 Resp: 16355

Ion	Ratio	Lower	Upper
43	100		
61	21.0	15.8	23.8
87	10.8	12.0	18.0#

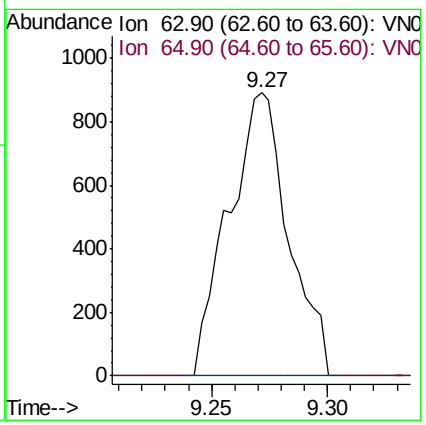


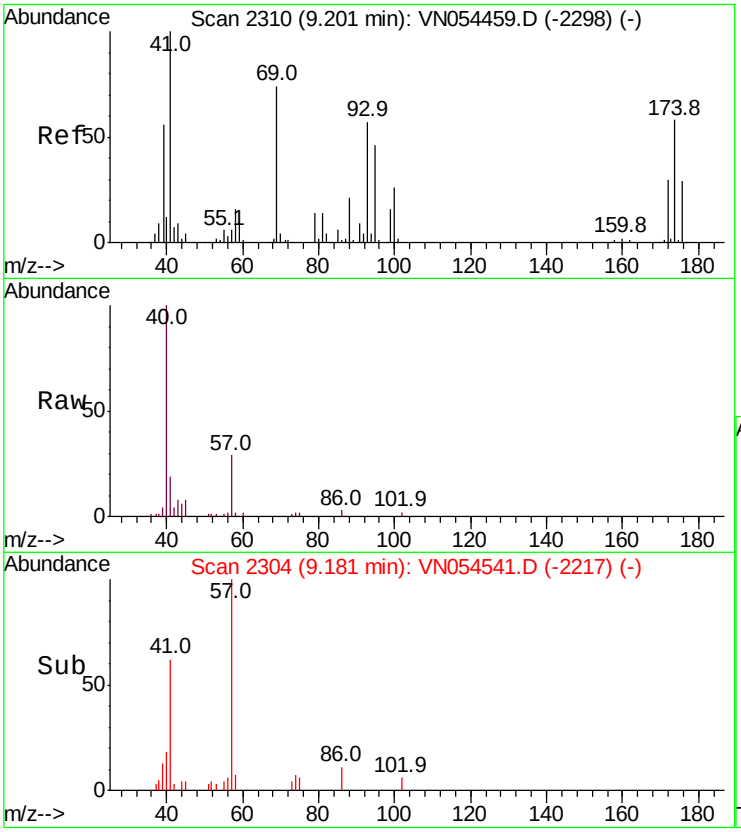


#45
1,2-Dichloropropane
Concen: 0.215 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 63 Resp: 1605

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#



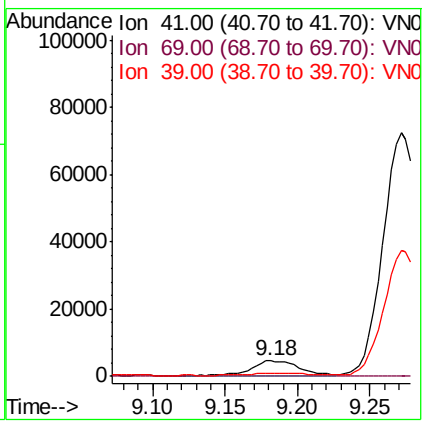


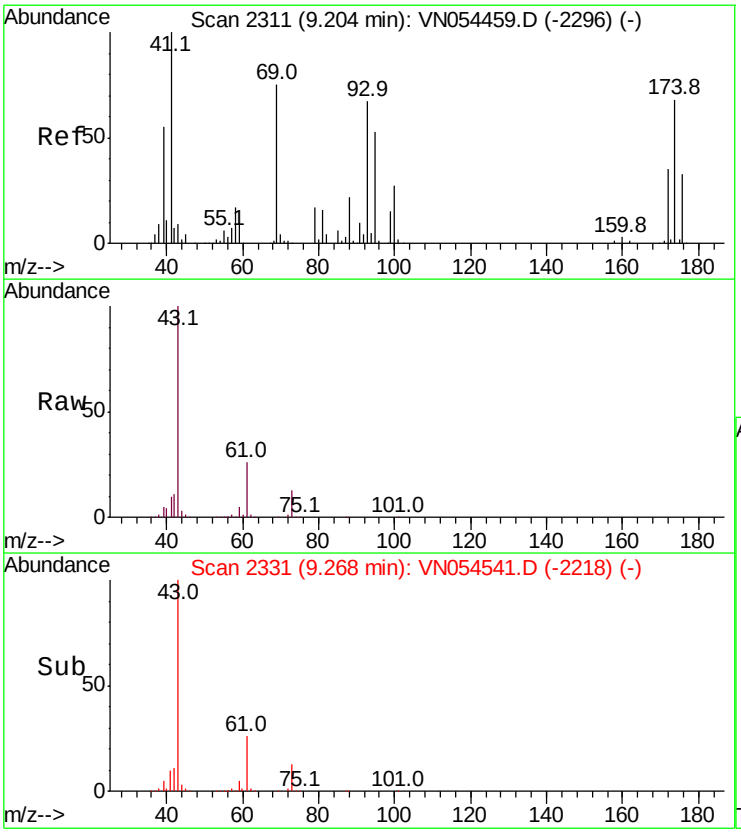
#48
Methyl methacrylate
Concen: 1.613 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Tgt Ion: 41 Resp: 10209

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.6	108.8#
39	0.0	47.5	71.3#

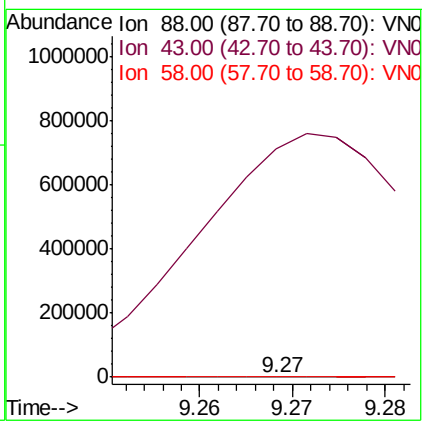


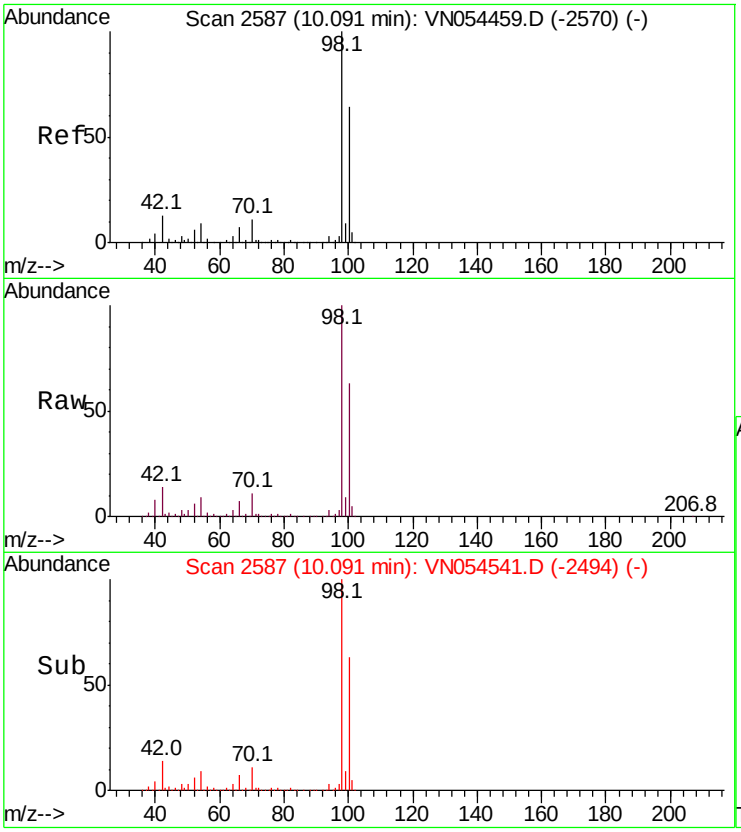


#49
1,4-Dioxane
Concen: 1.809 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 88 Resp: 128

Ion	Ratio	Lower	Upper
88	100		
43	1156629.7	24.1	36.1#
58	4346.1	50.8	76.2#



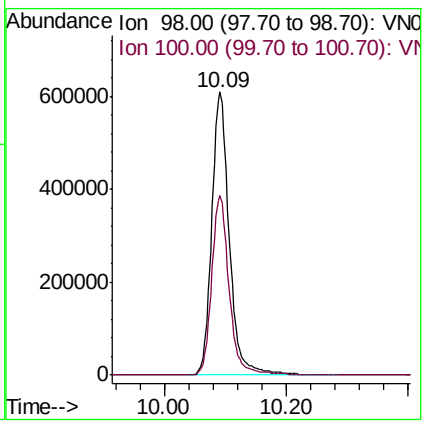


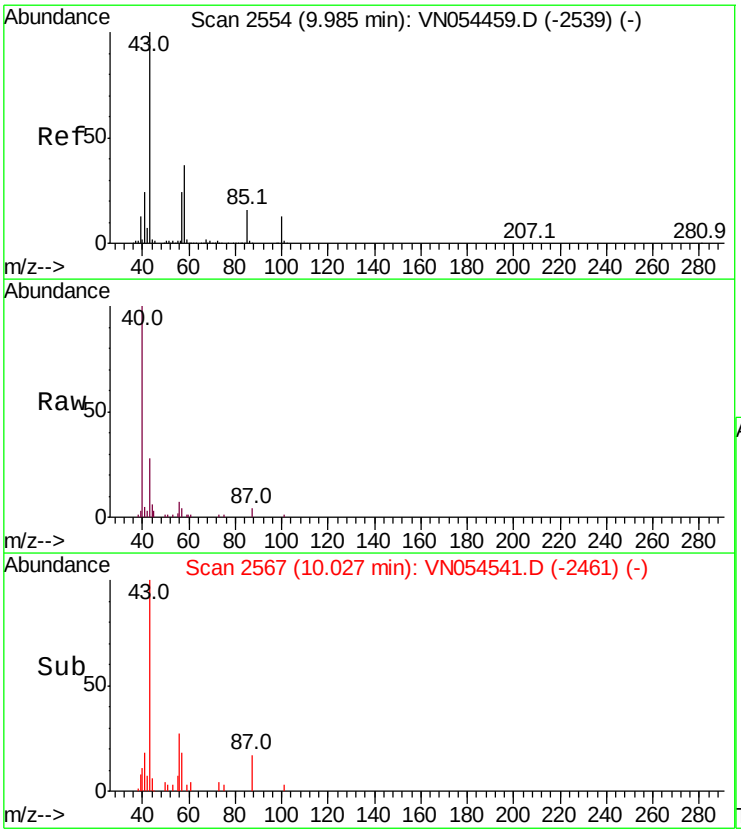
#50
Toluene-d8
Concen: 48.650 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Tgt Ion: 98 Resp: 1223535

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8

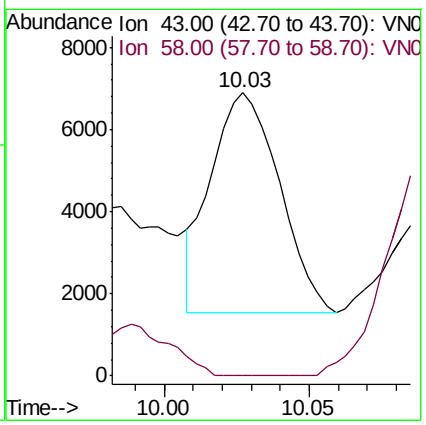


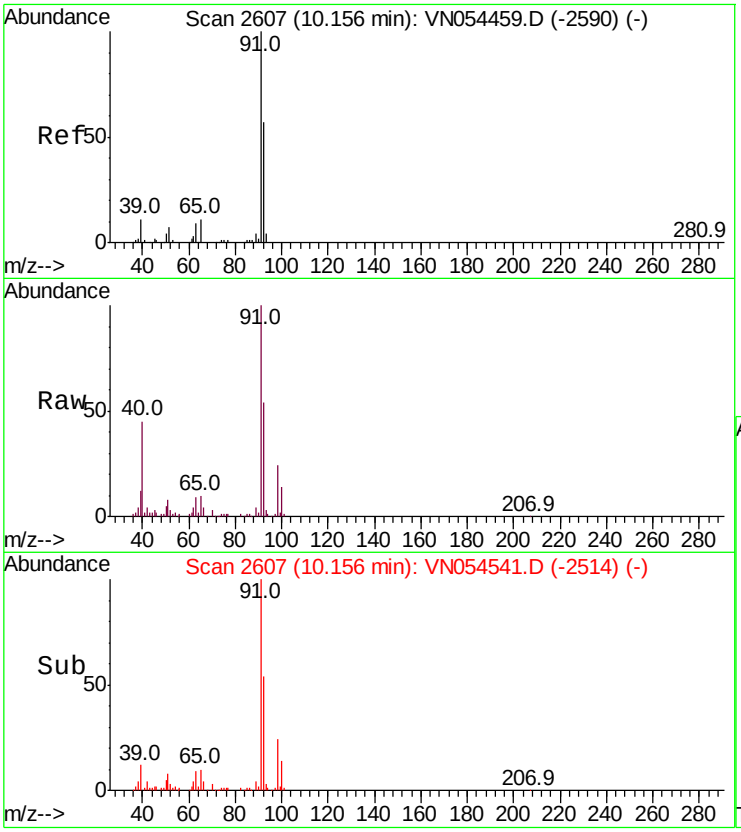


#51
4-Methyl-2-Pentanone
Concen: 1.359 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 43 Resp: 8784

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#



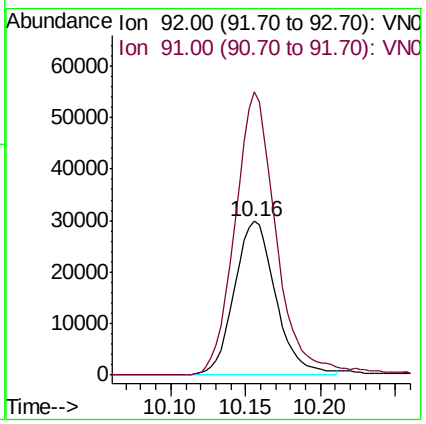


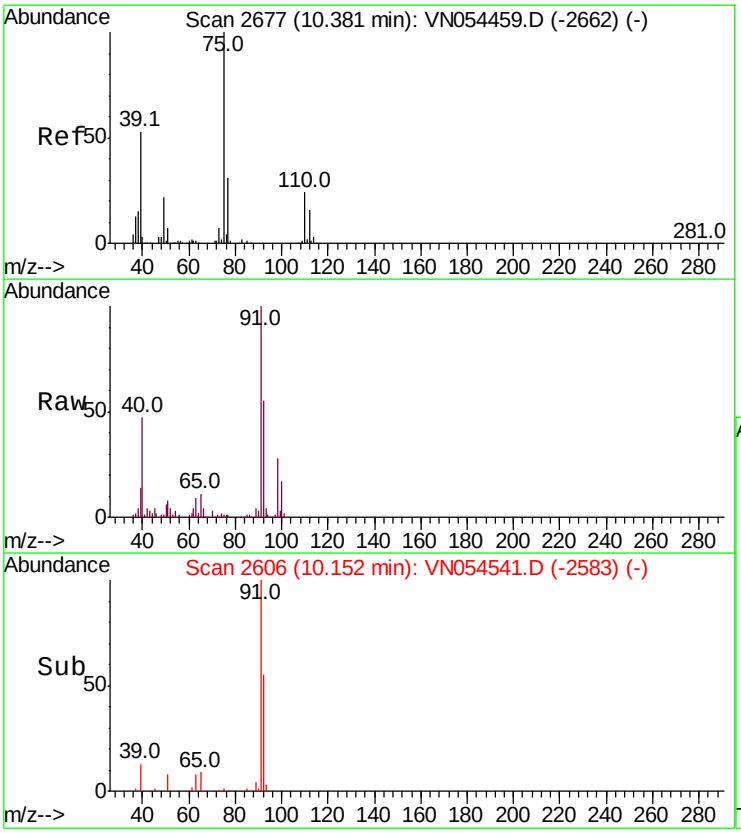
#52
Toluene
Concen: 3.375 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion: 92 Resp: 57631

Ion	Ratio	Lower	Upper
92	100		
91	184.2	140.7	211.1

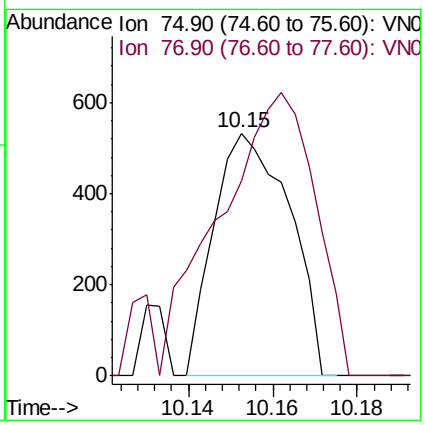


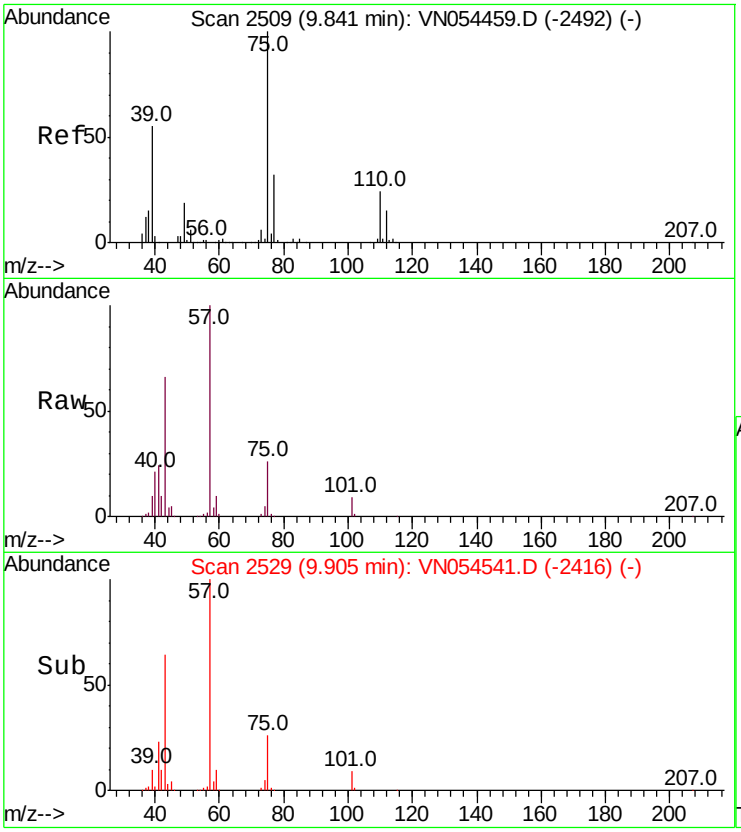


#53
t-1,3-Dichloropropene
Concen: 2.297 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.23 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 75 Resp: 665

Ion	Ratio	Lower	Upper
75	100		
77	46.5	25.8	38.8#



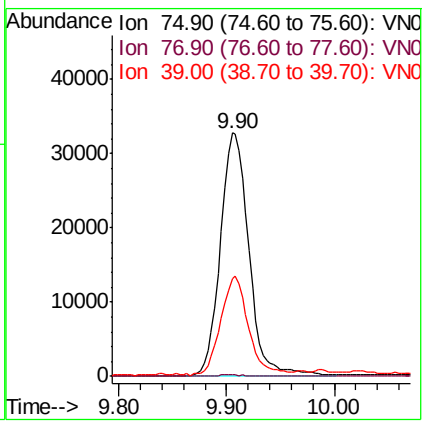


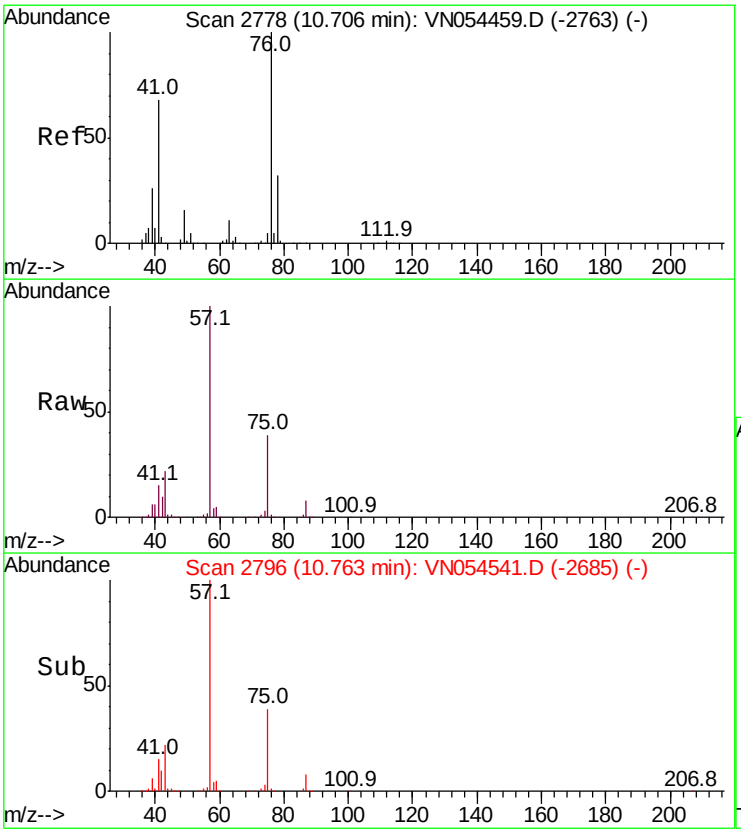
#54
cis-1,3-Dichloropropene
Concen: 5.741 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Tgt Ion: 75 Resp: 60755

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.4	38.0#
39	38.9	37.2	55.8

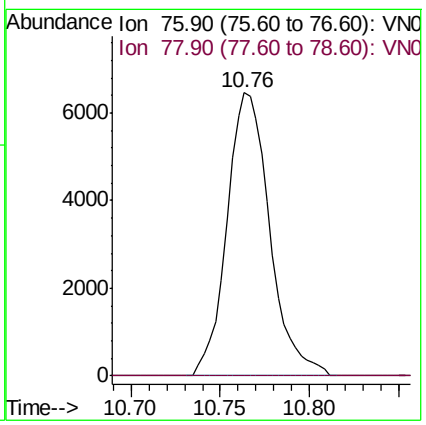


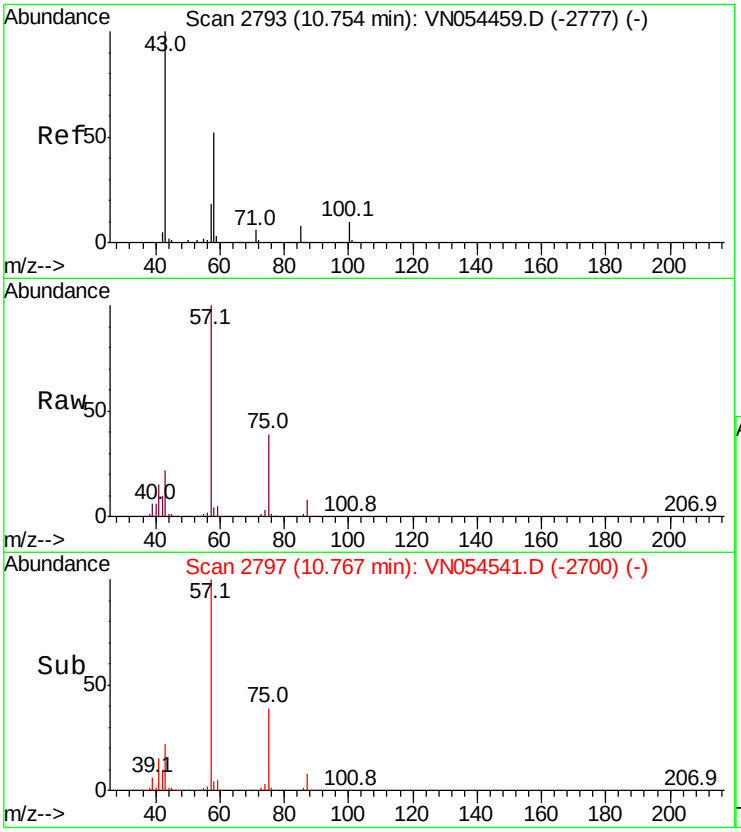


#57
1,3-Dichloropropane
Concen: 1.013 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 76 Resp: 10805

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



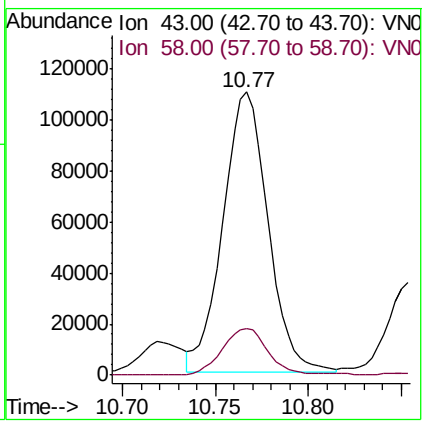


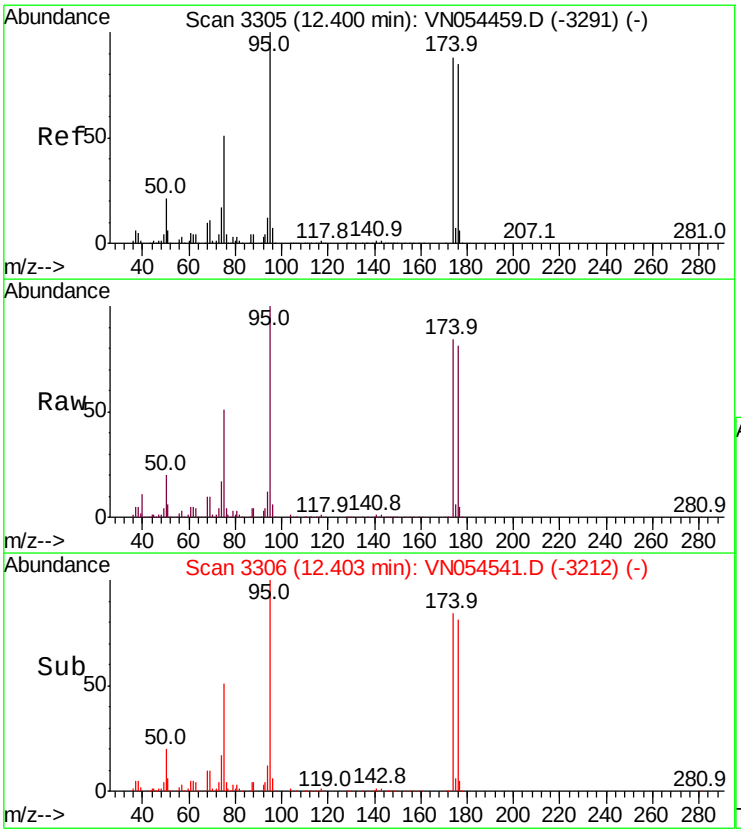
#59
2-Hexanone
Concen: 44.083 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion: 43 Resp: 186105

Ion	Ratio	Lower	Upper
43	100		
58	16.9	28.0	83.9#

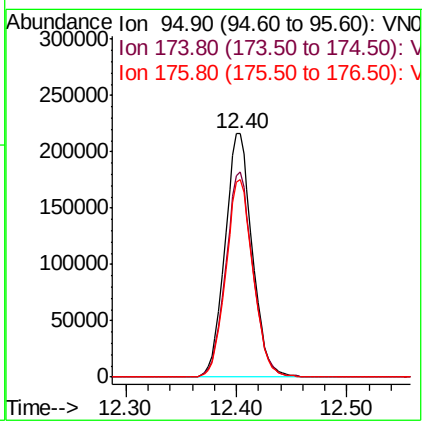


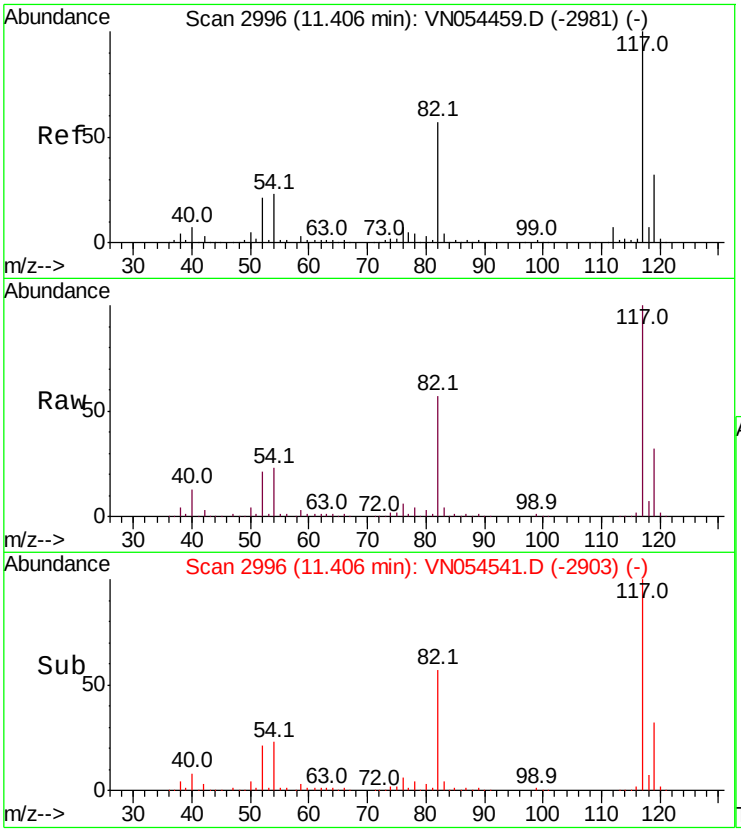


#62
4-Bromofluorobenzene
Concen: 43.289 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 95 Resp: 370471

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	191.0
176	80.9	0.0	187.4



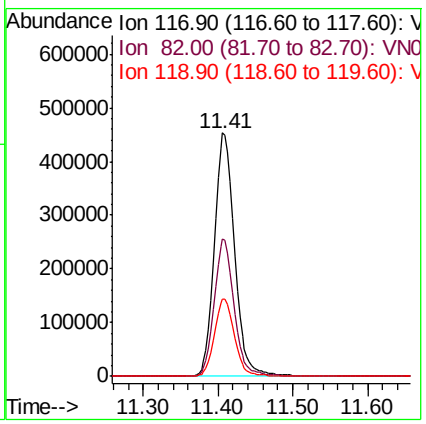


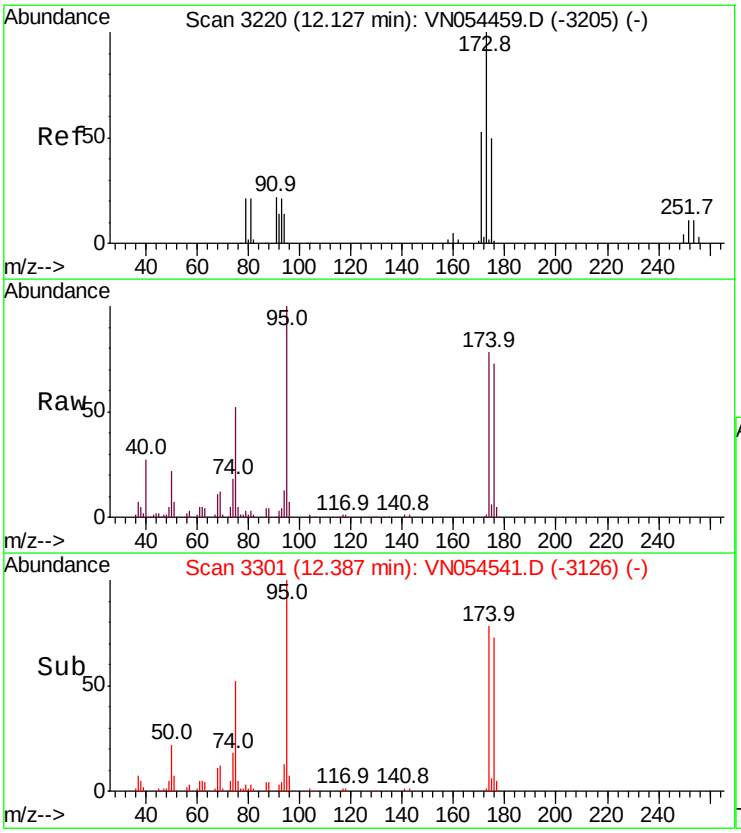
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion:117 Resp: 852752

Ion	Ratio	Lower	Upper
117	100		
82	56.5	40.0	60.0
119	31.9	25.8	38.6

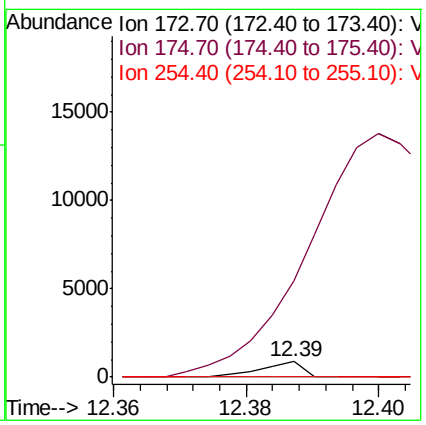


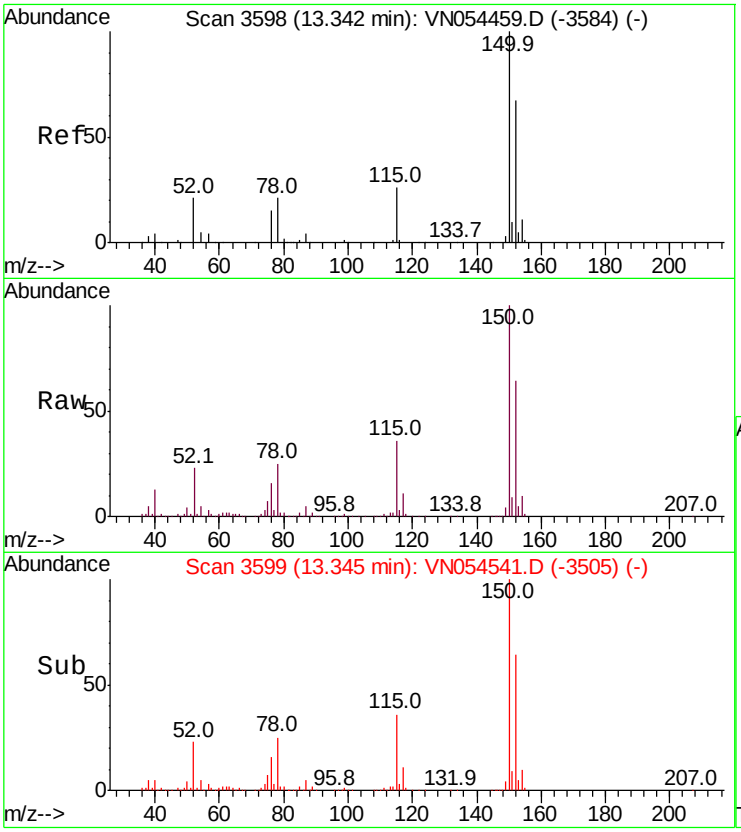


#71
Bromoform
Concen: 2.304 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion:173 Resp: 374

Ion	Ratio	Lower	Upper
173	100		
175	5378.1	24.4	73.2#
254	0.0	0.1	0.1#



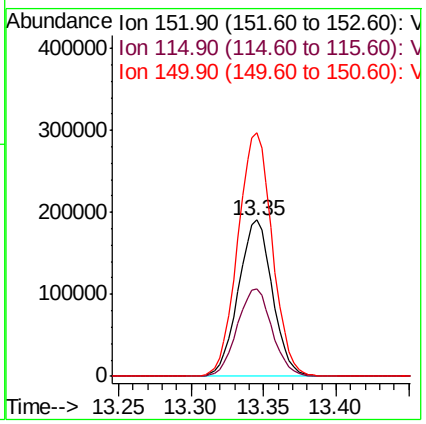


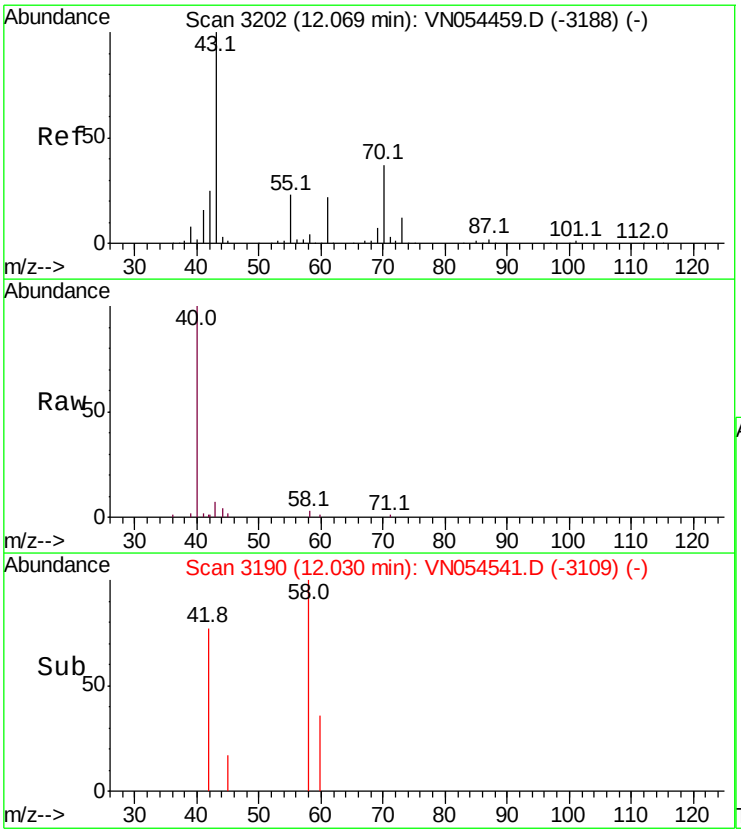
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Tgt Ion:152 Resp: 311016

Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.2	81.6
150	157.8	0.0	349.2

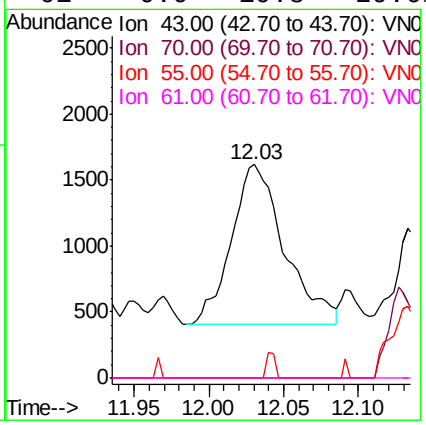


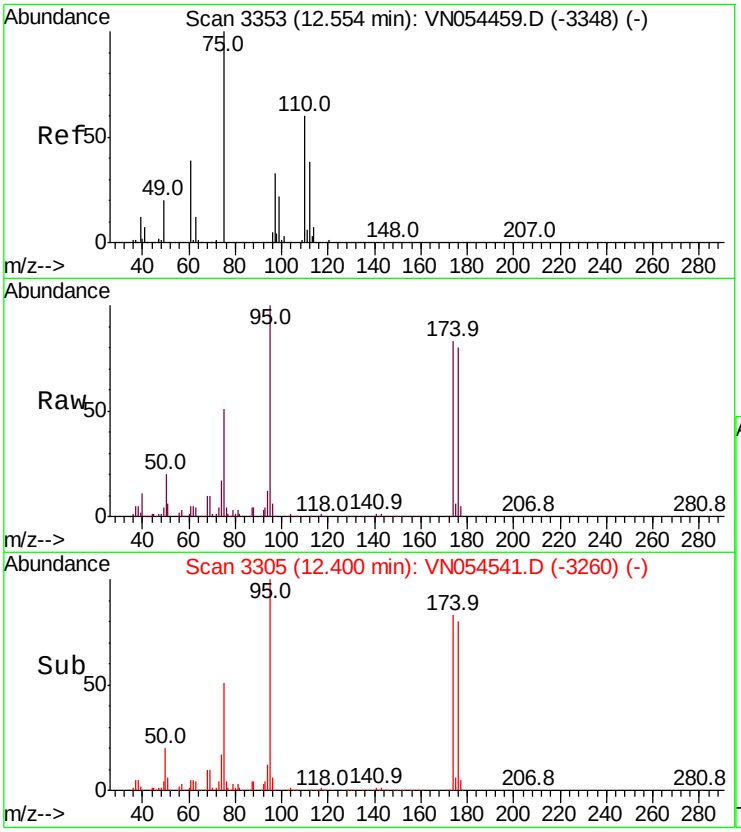


#74
N-amyl acetate
Concen: 0.416 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 43 Resp: 2995

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.4	53.0#
55	2.4	19.8	29.6#
61	0.0	19.8	29.6#



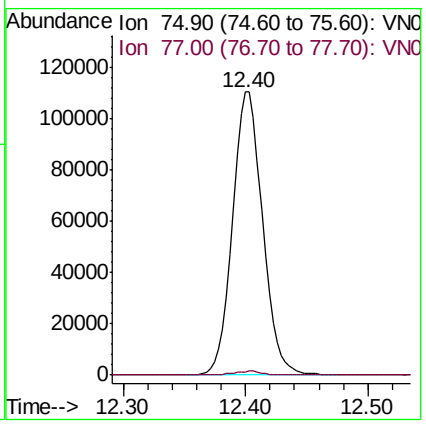


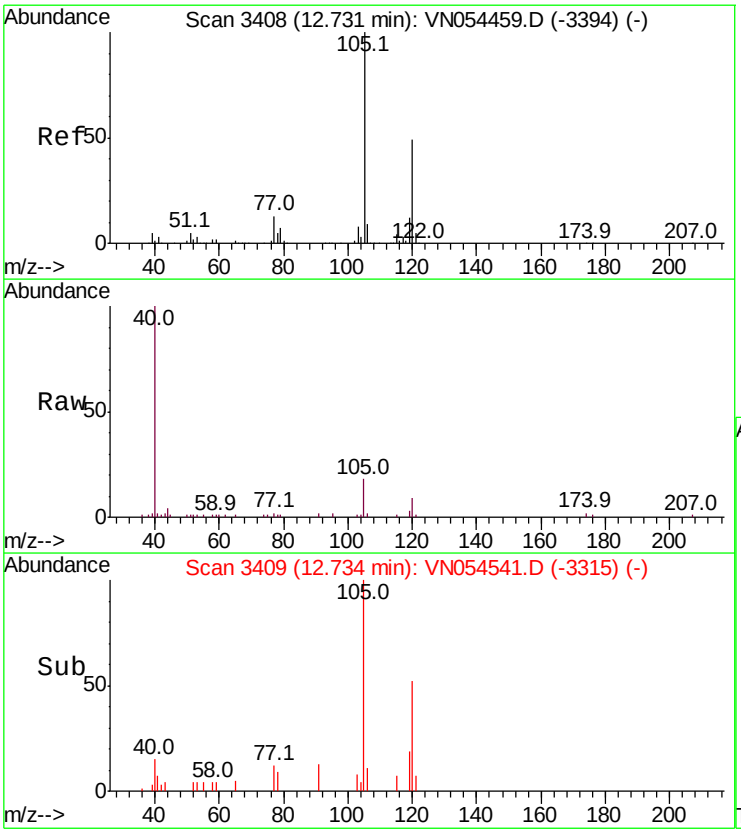
#76
1,2,3-Trichloropropane
Concen: 38.312 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument : MSVOA_N
ClientSampleId : HD-02-032019

Tgt Ion: 75 Resp: 189082

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

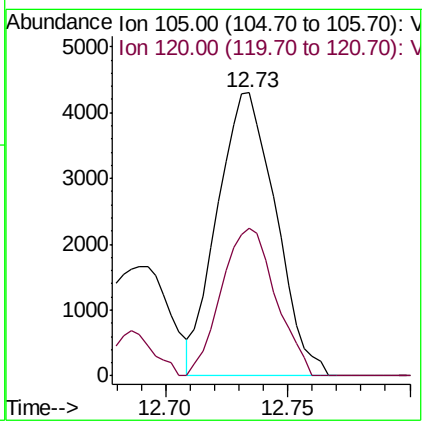


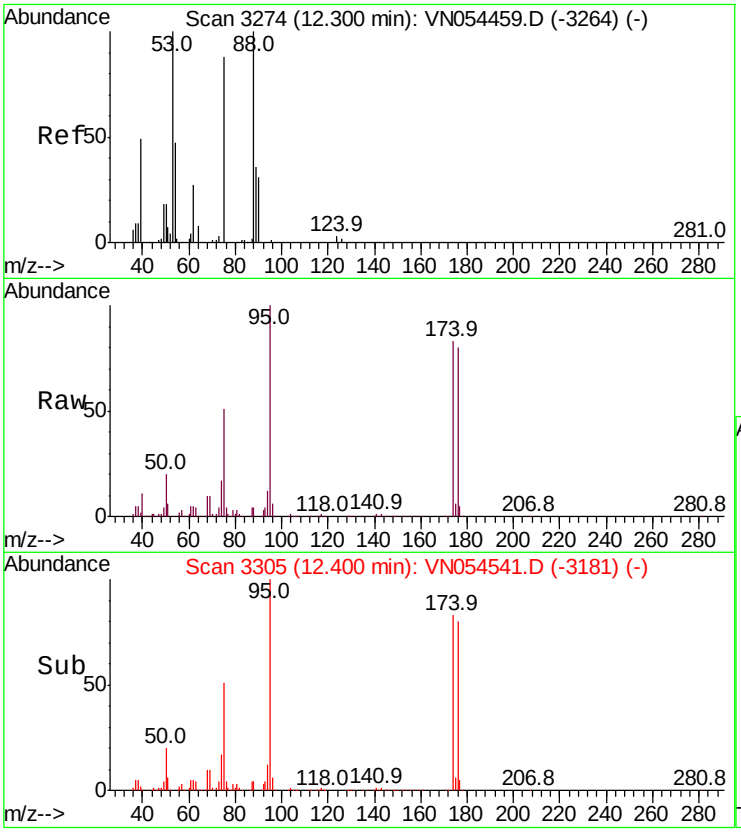


#80
1,3,5-Trimethylbenzene
Concen: 0.349 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion:105 Resp: 7171

Ion	Ratio	Lower	Upper
105	100		
120	48.4	25.0	75.0



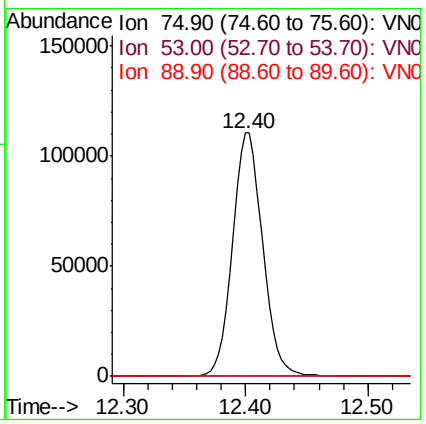


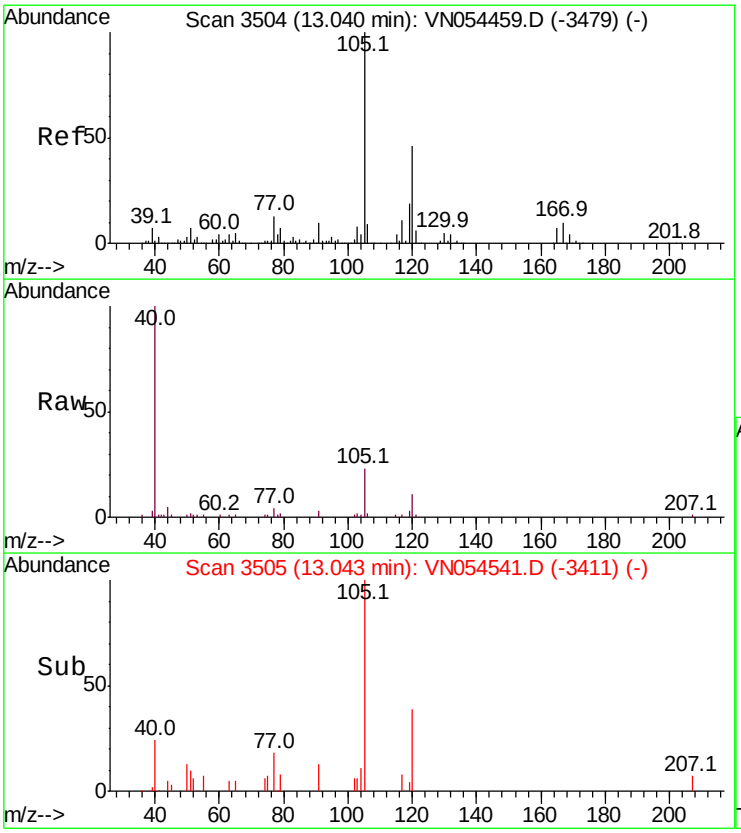
#81
trans-1,4-Dichloro-2-butene
Concen: 126.868 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion: 75 Resp: 189082

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#

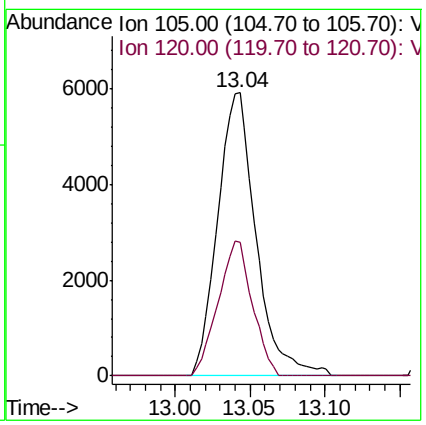


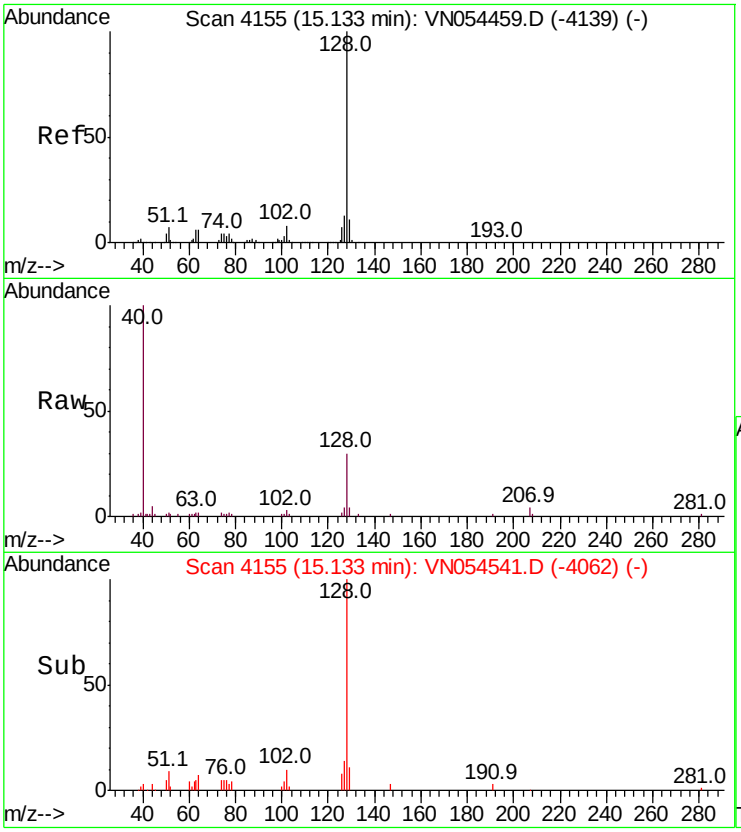


#84
1,2,4-Trimethylbenzene
Concen: 0.525 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion:105 Resp: 10574

Ion	Ratio	Lower	Upper
105	100		
120	42.3	23.4	70.3





#95
Naphthalene
Concen: 1.238 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tgt Ion:128 Resp: 13737

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	11.8	8.7	13.1