Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070419\
Data File : VN056595.D
Acq On : 3 Jul 2019 19:24
Operator : JC/SP
Sample : K3680-02DL 40X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2RDL

Quant Time: Jul 03 22:51:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	279768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	484963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162311	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
35) Dibromofluoromethane	7.59	113	141560	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.58%			
50) Toluene-d8	10.09	98	600553	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%			
62) 4-Bromofluorobenzene	12.40	95	219094	55.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.66%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	706	0.219	ug/l #	42
10) Methyl Iodide	3.96	142	935	0.269	ug/l #	61
11) Tert butyl alcohol	4.80	59	7022	13.446	ug/l #	88
16) Acetone	3.83	43	670	0.431	ug/l #	42
18) Methyl Acetate	4.33	43	976	Below Cal	#	78
19) Methyl tert-butyl Ether	5.04	73	3814	0.466	ug/l	93
20) Methylene Chloride	4.55	84	410	Below Cal	#	69
31) Cyclohexane	7.66	56	4532	0.947	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	18104	4.241	ug/l #	48
38) Carbon Tetrachloride	7.67	117	25015	6.701	ug/l #	14
43) Isopropyl Acetate	8.21	43	1680	0.260	ug/l #	54
71) Bromoform	12.40	173	892	3.456	ug/l #	1
73) Isopropylbenzene	12.25	105	162	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	102025	25.805	ug/l #	100
79) 2-Chlorotoluene	12.68	91	204	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	225	Below Cal	#	28
81) trans-1,4-Dichloro-2-buten	12.40	75	102025	91.716	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.91	180	306	5.695	ug/l #	67
94) Hexachlorobutadiene	15.01	225	67	Below Cal	#	18
95) Naphthalene	15.13	128	1186	5.366	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	273	4.553	ug/l #	69

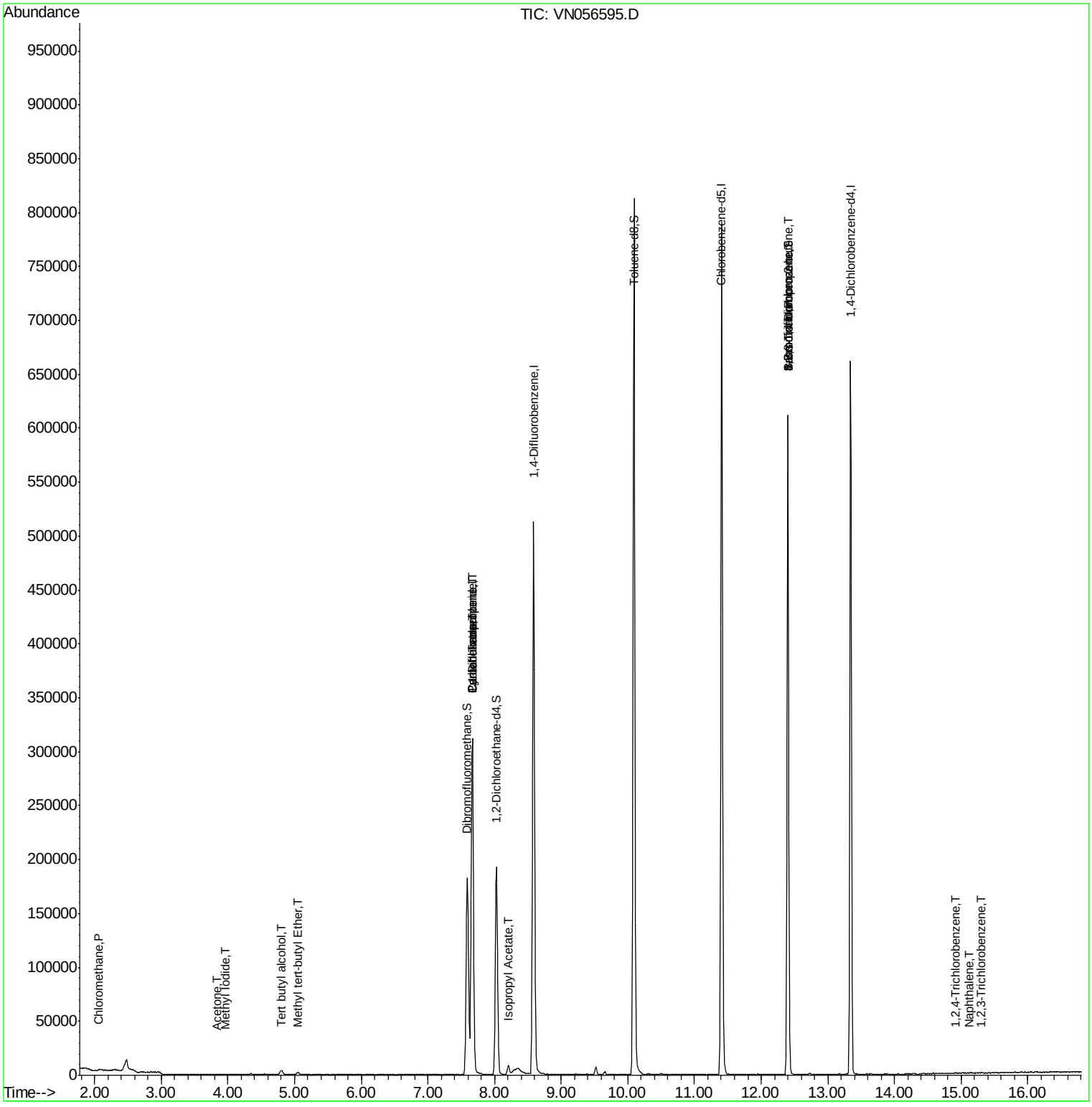
(#) = qualifier out of range (m) = manual integration (+) = signals summed

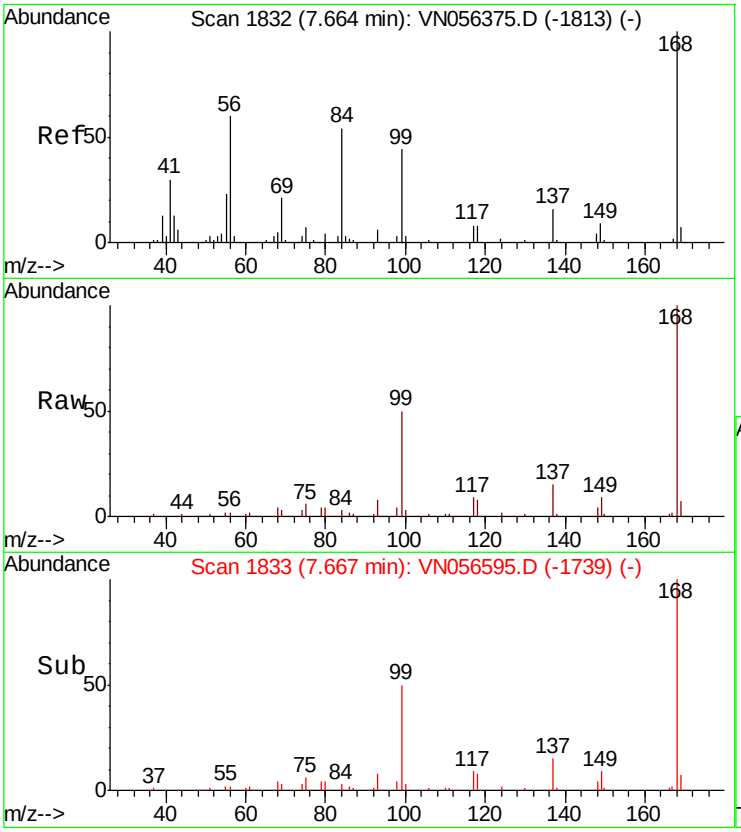
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070419\
Data File : VN056595.D
Acq On : 3 Jul 2019 19:24
Operator : JC/SP
Sample : K3680-02DL 40X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2RDL

Quant Time: Jul 03 22:51:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration



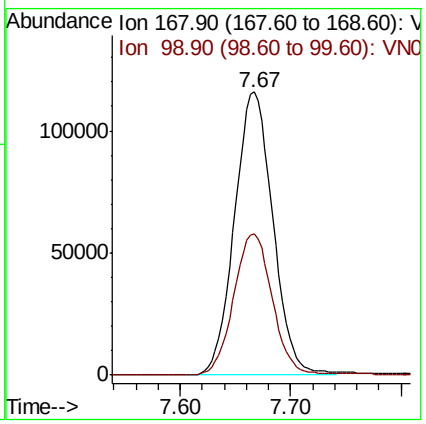


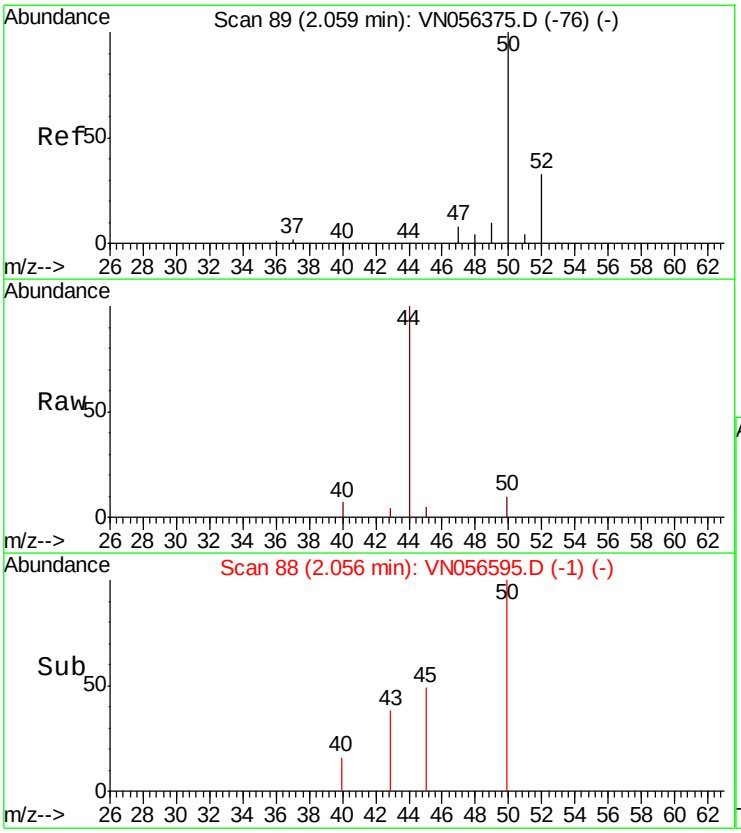
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion:168 Resp: 279768

Ion	Ratio	Lower	Upper
168	100		
99	49.8	40.6	61.0

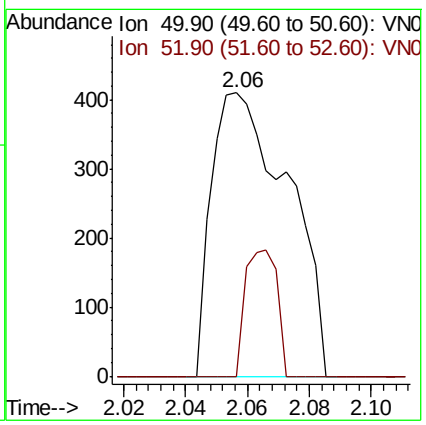


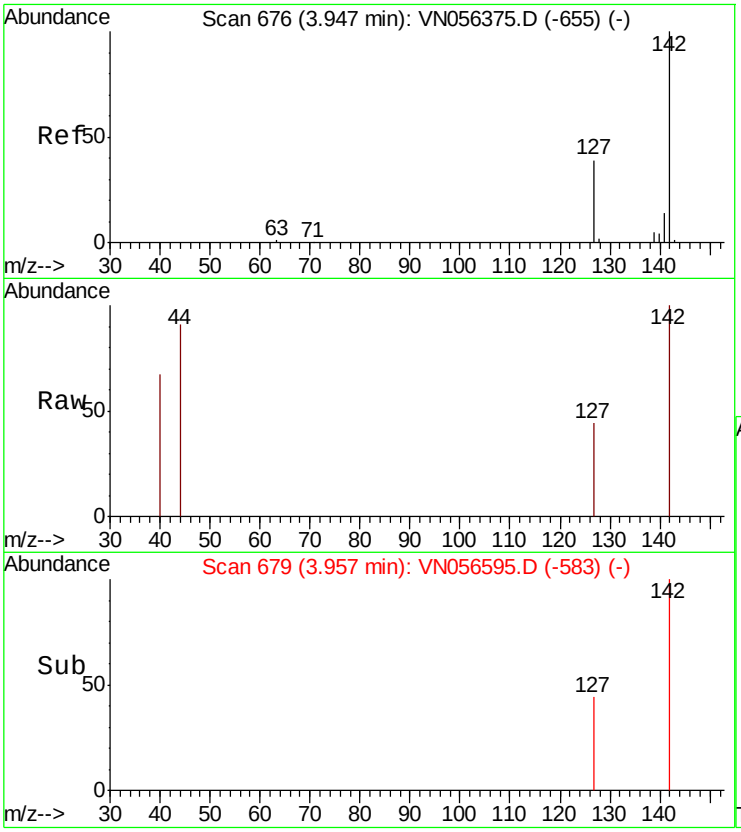


#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion: 50 Resp: 706

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#



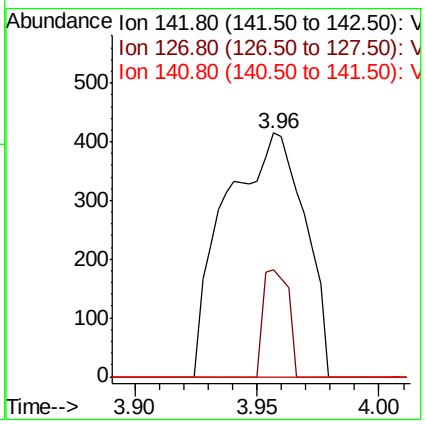


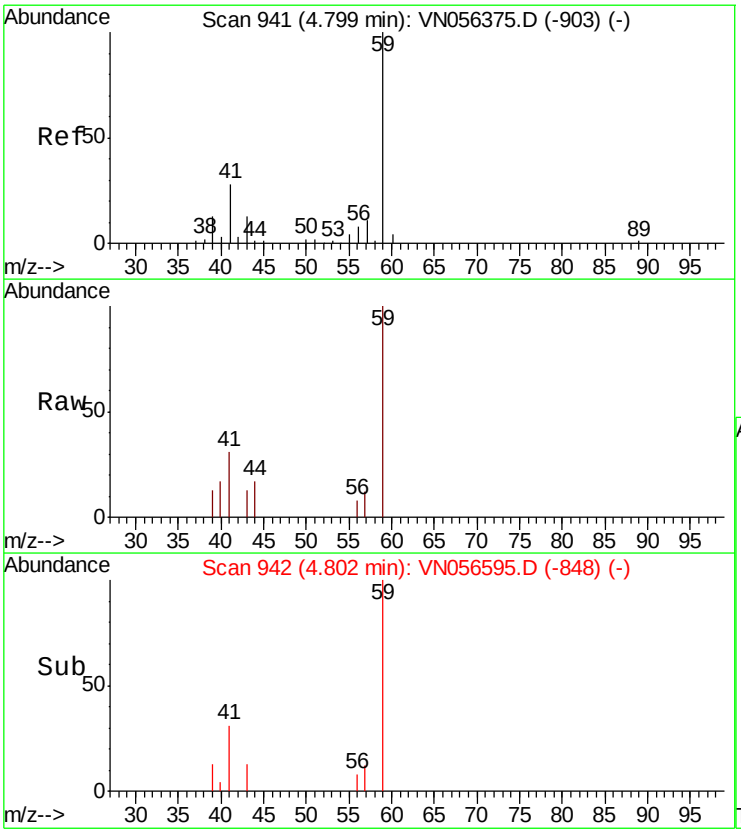
#10
Methyl Iodide
Concen: 0.269 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.01 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument : MSVOA_N
ClientSampleId : MW-2RDL

Tgt Ion:142 Resp: 935

Ion	Ratio	Lower	Upper
142	100		
127	14.0	30.6	46.0#
141	0.0	11.4	17.2#

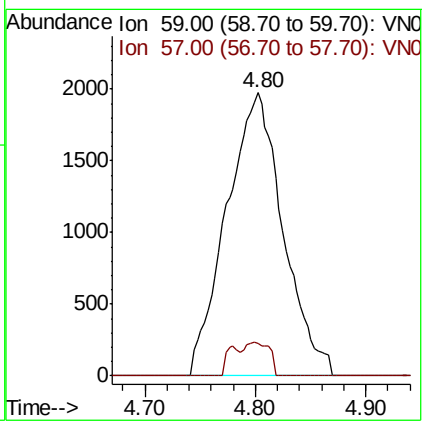


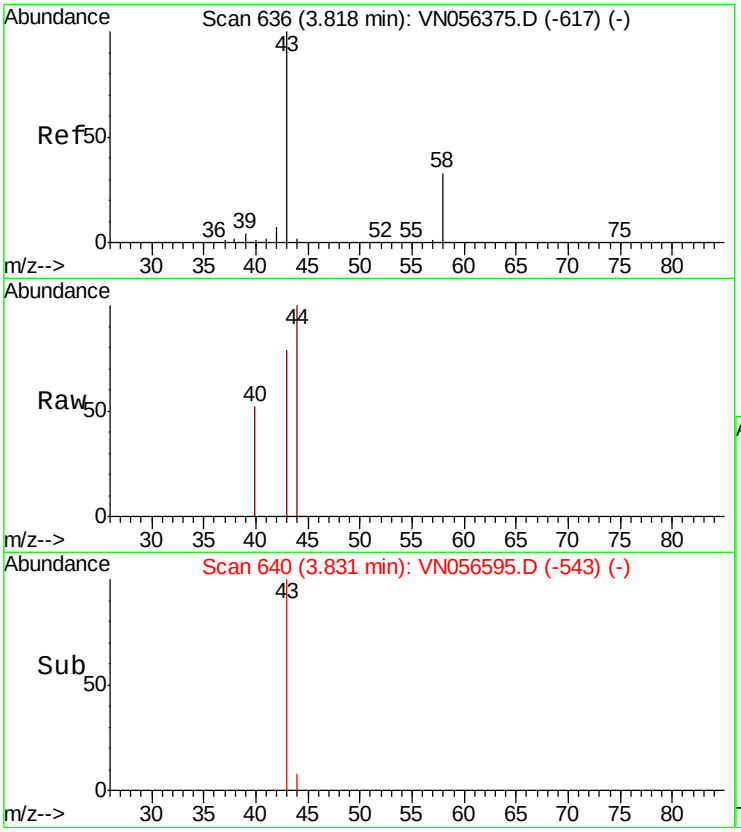


#11
Tert butyl alcohol
Concen: 13.446 ug/l
RT: 4.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion: 59 Resp: 7022

Ion	Ratio	Lower	Upper
59	100		
57	5.2	7.6	11.4#



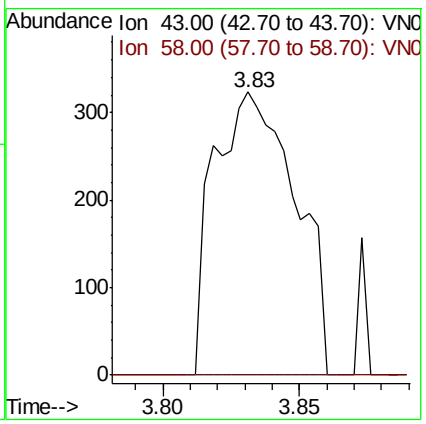


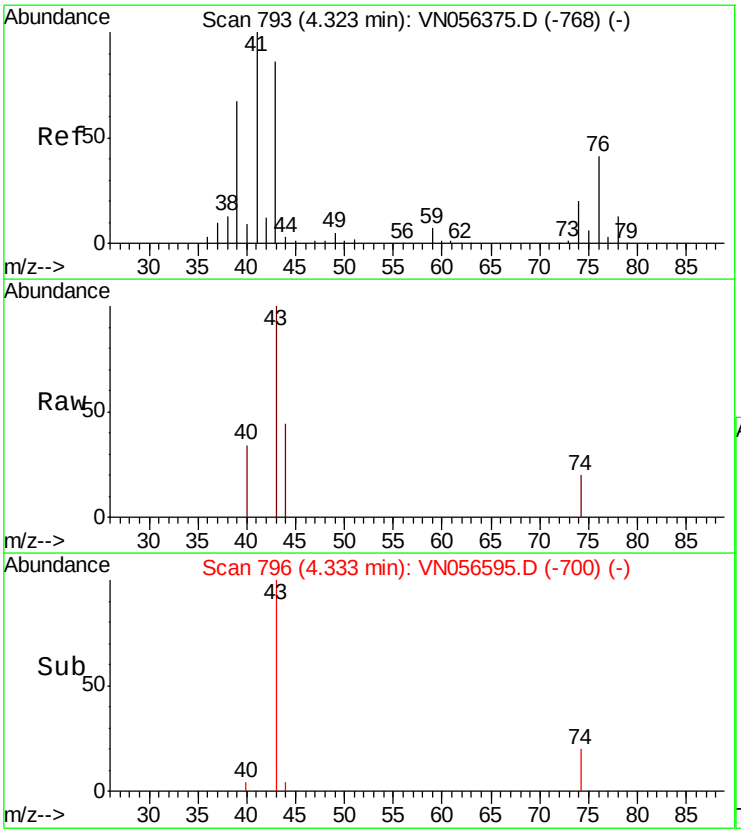
#16
Acetone
Concen: 0.431 ug/l
RT: 3.83 min Scan# 640
Delta R.T. 0.01 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion: 43 Resp: 670

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.4	39.6#

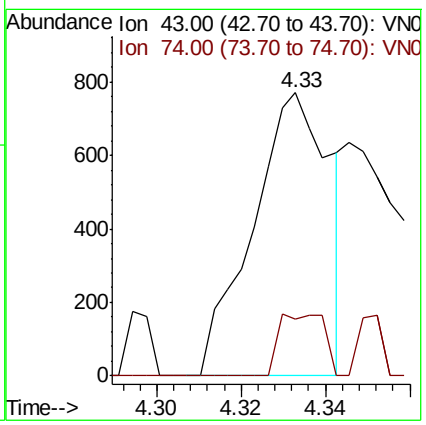


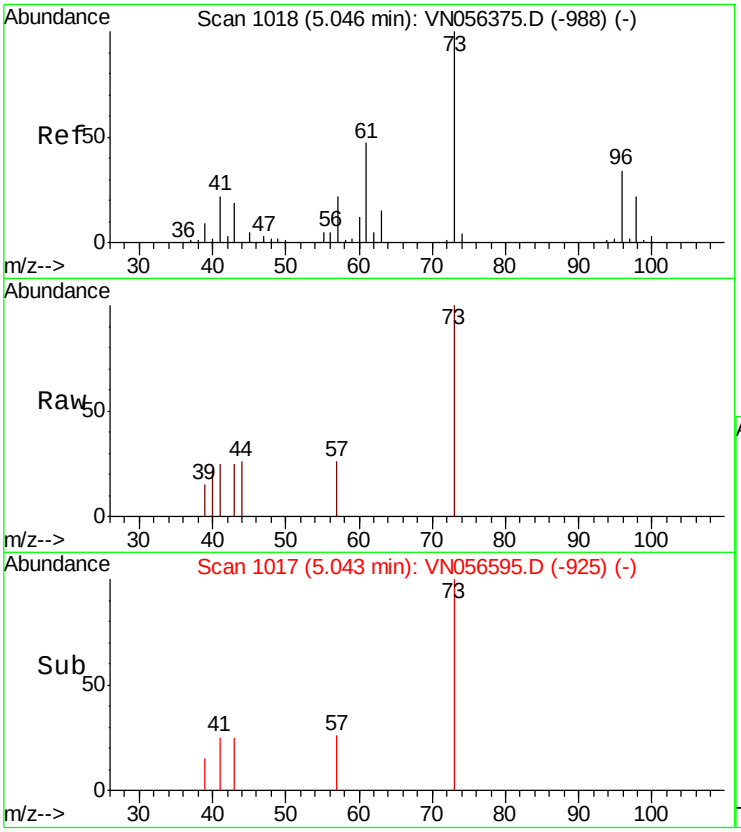


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion: 43 Resp: 976

Ion	Ratio	Lower	Upper
43	100		
74	12.9	19.2	28.8#



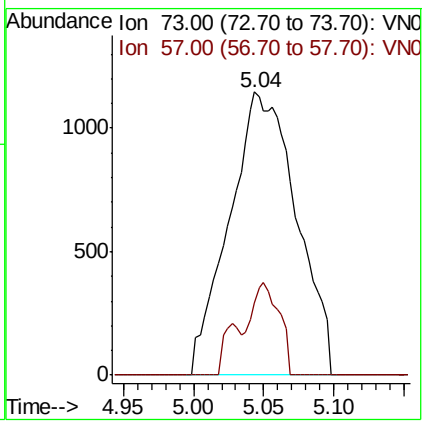


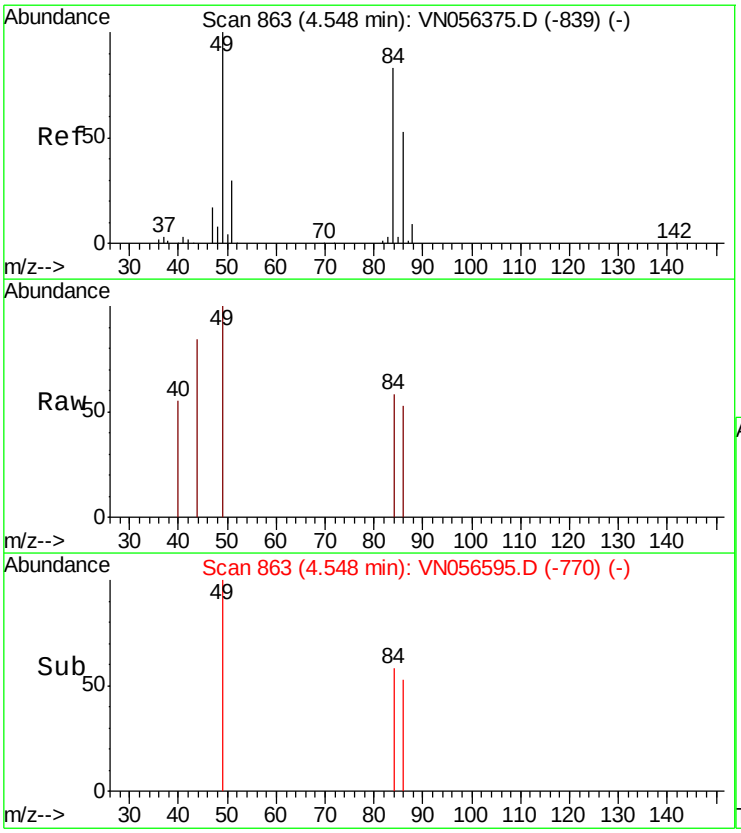
#19
Methyl tert-butyl Ether
Concen: 0.466 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument : MSVOA_N
ClientSampleId : MW-2RDL

Tgt Ion: 73 Resp: 3814

Ion	Ratio	Lower	Upper
73	100		
57	25.6	17.9	26.9

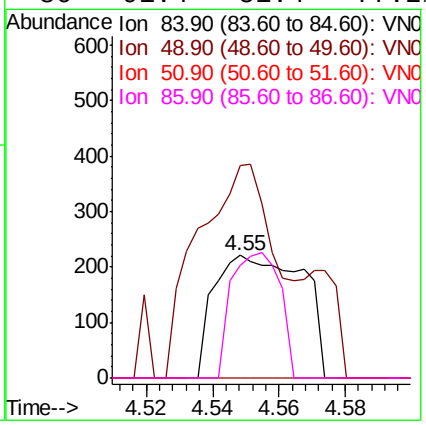


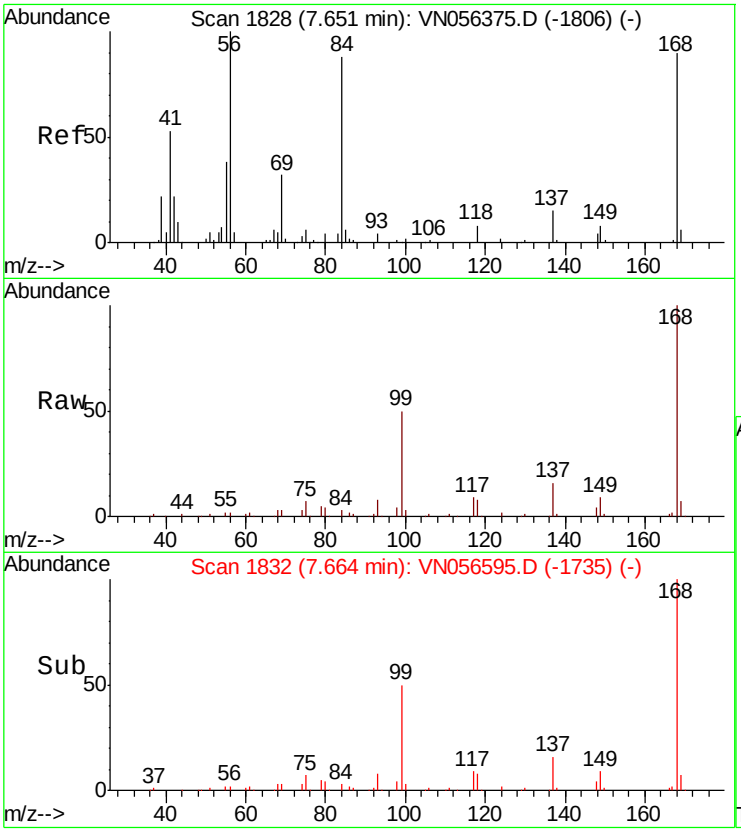


#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion: 84 Resp: 410

Ion	Ratio	Lower	Upper
84	100		
49	97.3	96.4	144.6
51	0.0	28.6	43.0#
86	91.4	51.4	77.2#



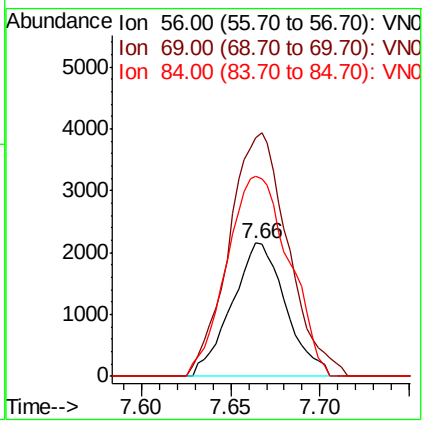


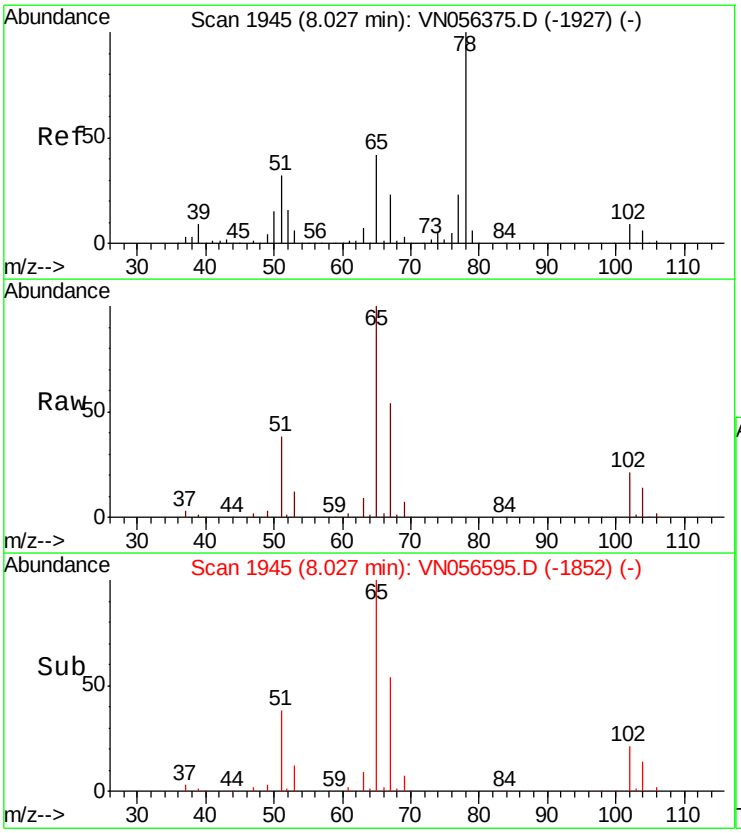
#31
Cyclohexane
Concen: 0.947 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument : MSVOA_N
ClientSampleId : MW-2RDL

Tgt Ion: 56 Resp: 4532

Ion	Ratio	Lower	Upper
56	100		
69	179.3	25.8	38.6#
84	150.2	69.4	104.0#

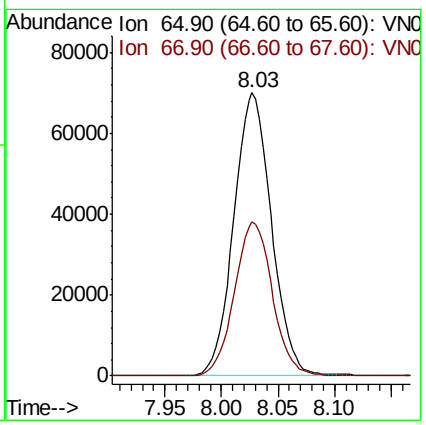


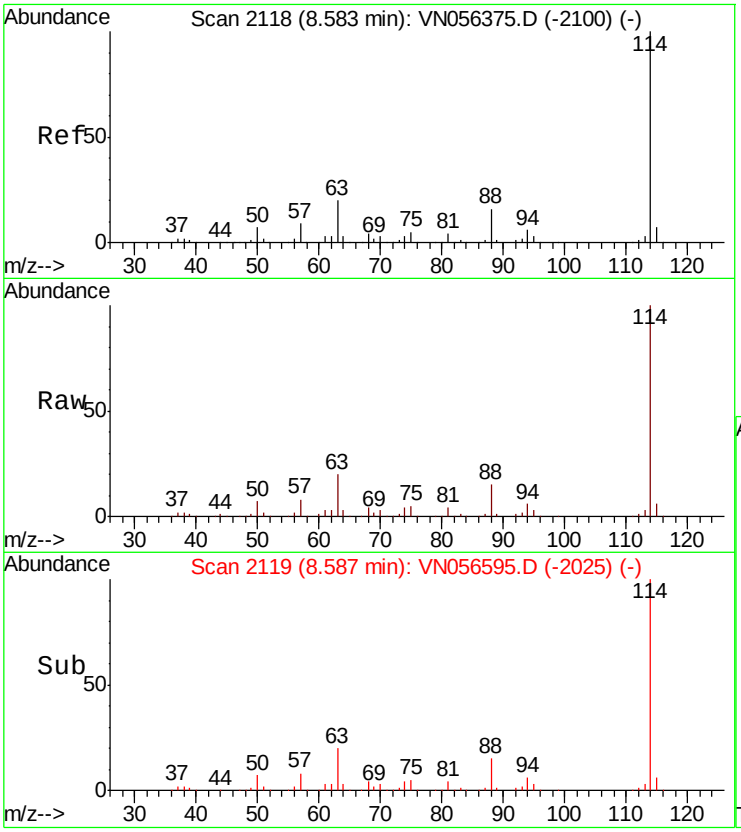


#33
1,2-Dichloroethane-d4
Concen: 52.347 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion: 65 Resp: 162311

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.0



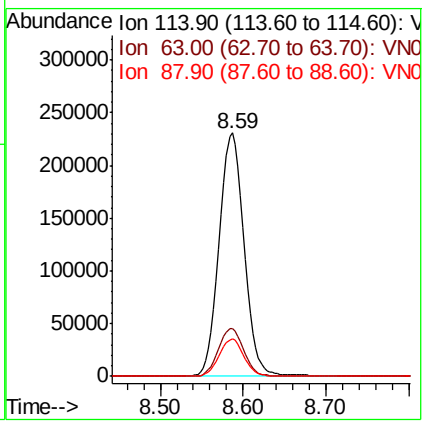


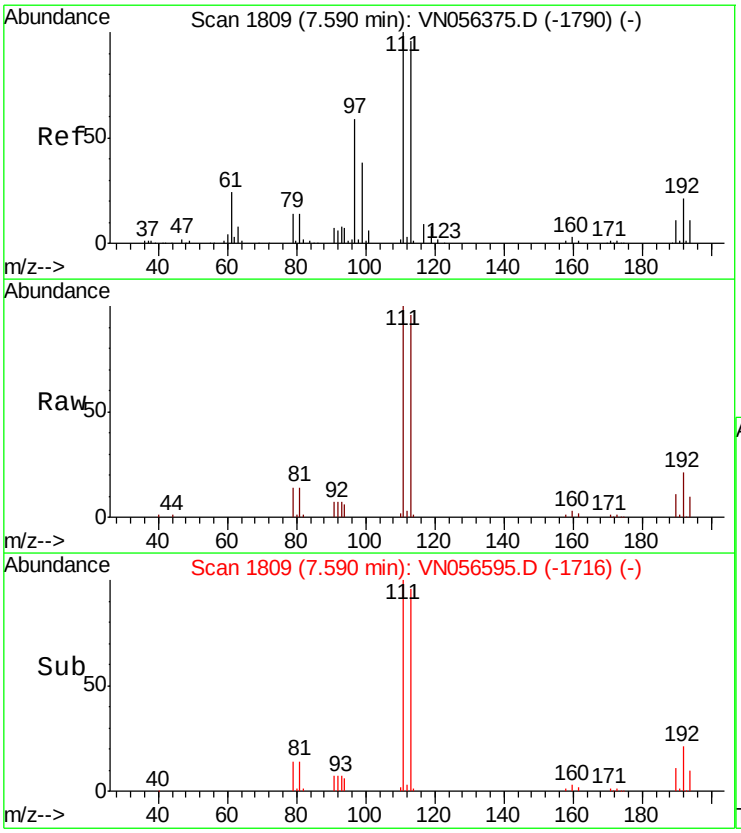
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument : MSVOA_N
ClientSampleId : MW-2RDL

Tgt Ion:114 Resp: 484963

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.2
88	15.4	0.0	31.4

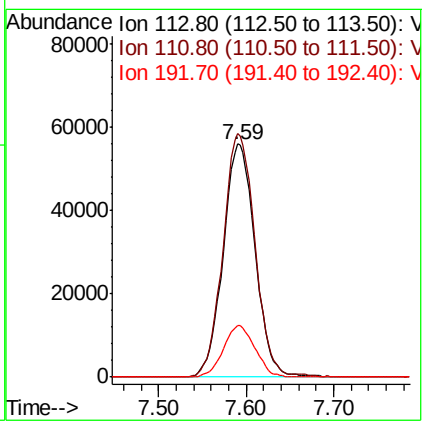


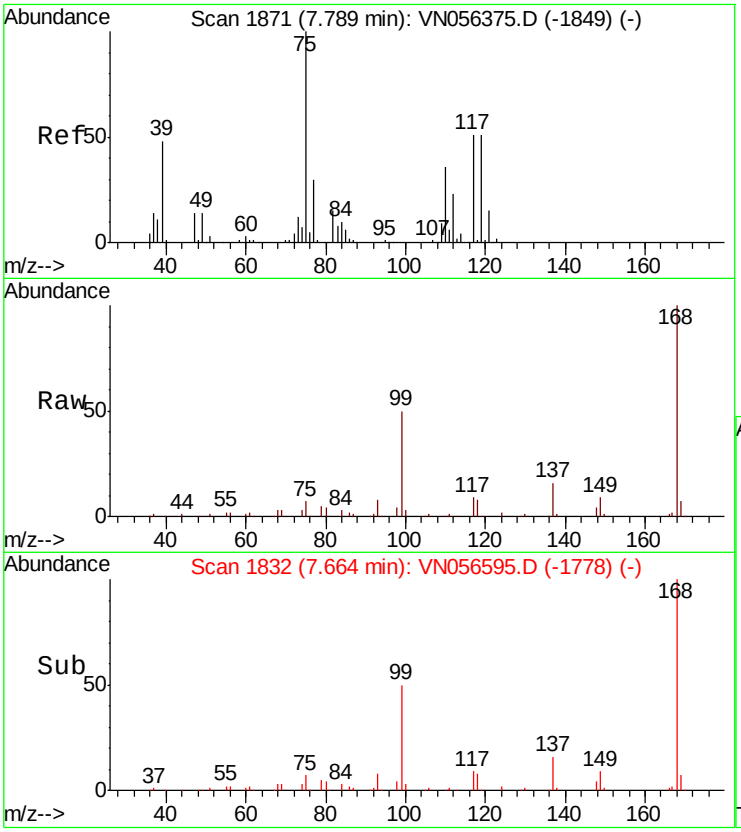


#35
Dibromofluoromethane
Concen: 46.791 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion:113 Resp: 141560

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	21.9	17.7	26.5



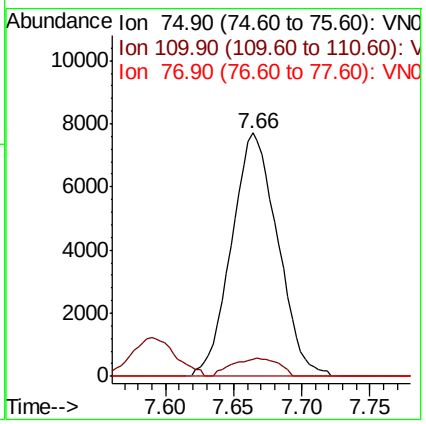


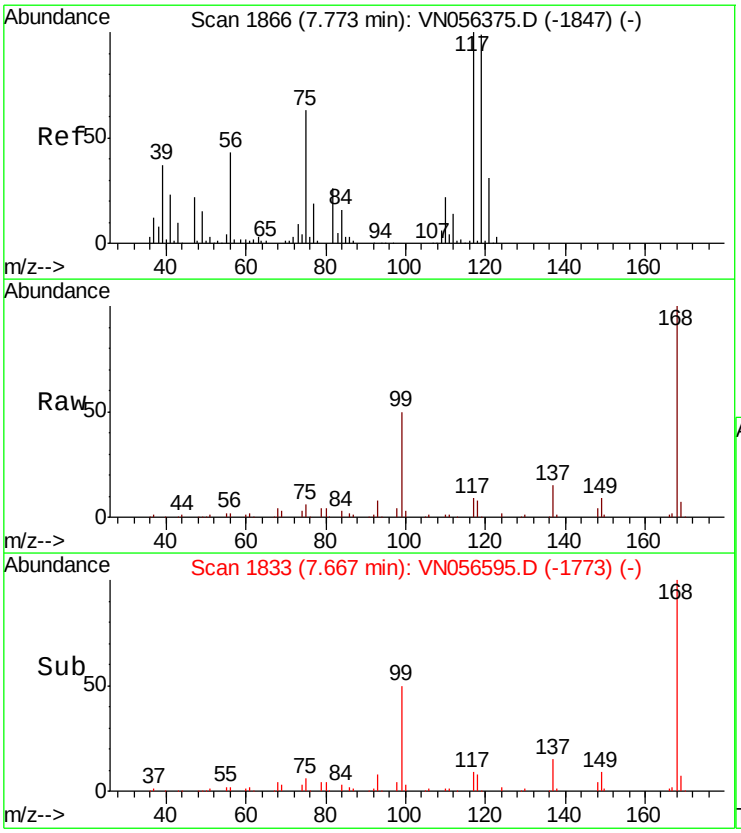
#36
1,1-Dichloropropene
Concen: 4.241 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion: 75 Resp: 18104

Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.1	54.3#
77	0.0	24.6	36.8#

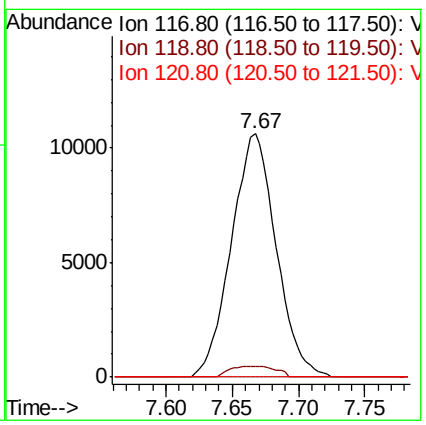


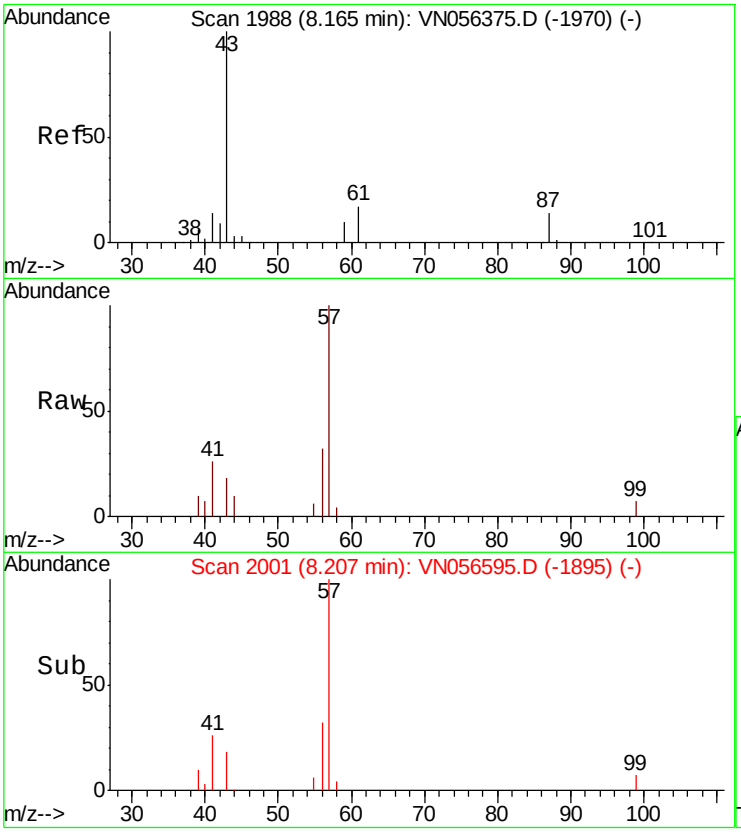


#38
Carbon Tetrachloride
Concen: 6.701 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion:117 Resp: 25015

Ion	Ratio	Lower	Upper
117	100		
119	4.5	79.1	118.7#
121	0.0	24.8	37.2#



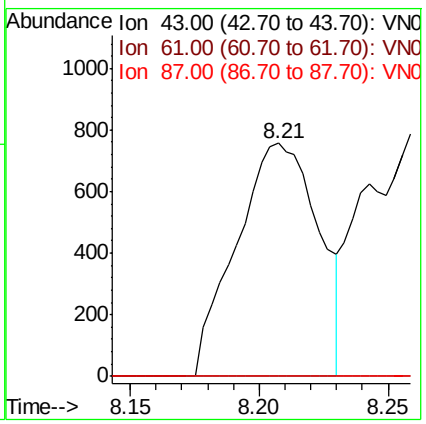


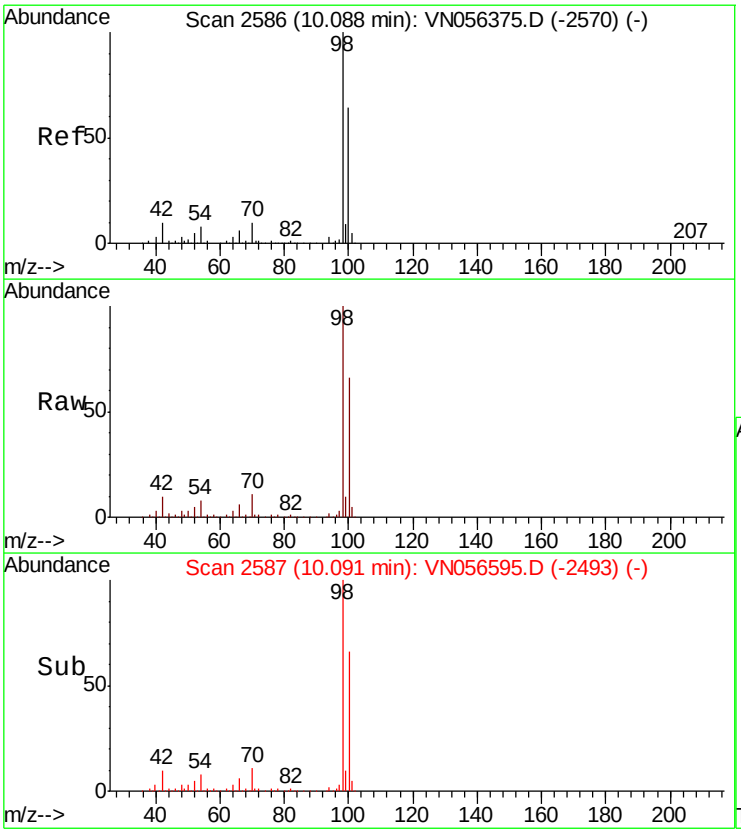
#43
Isopropyl Acetate
Concen: 0.260 ug/l
RT: 8.21 min Scan# 2001
Delta R.T. 0.04 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument : MSVOA_N
ClientSampleId : MW-2RDL

Tgt Ion: 43 Resp: 1680

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.0	33.0#
87	0.0	11.0	16.4#

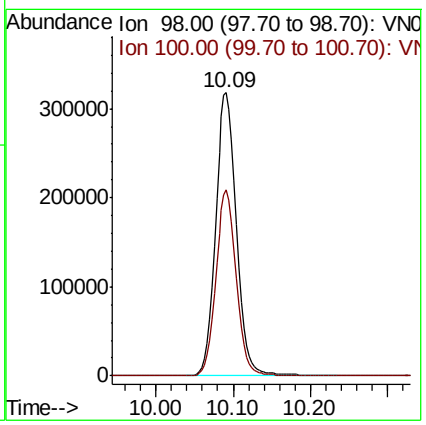


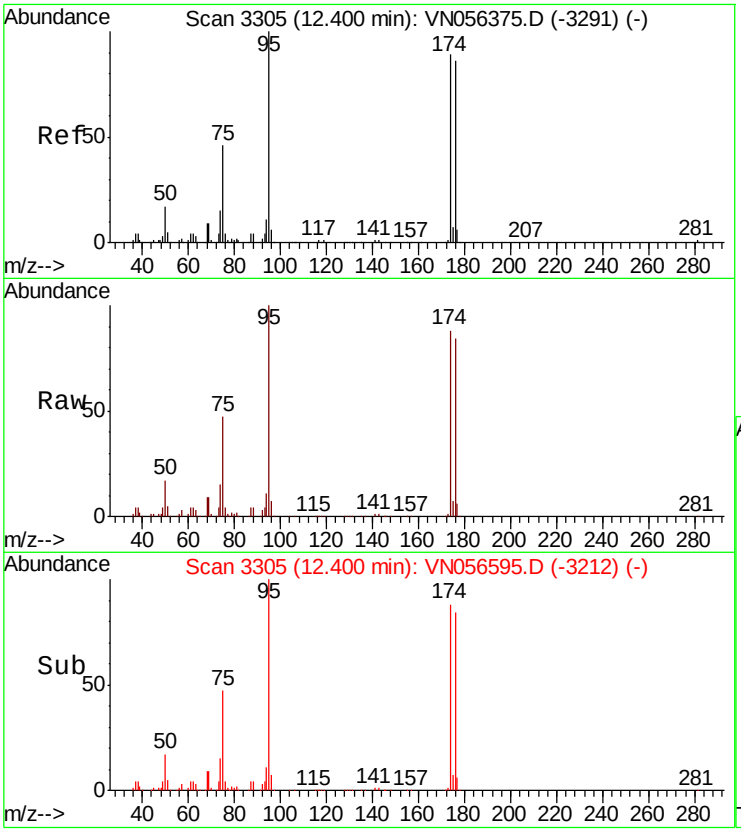


#50
Toluene-d8
Concen: 51.016 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion: 98 Resp: 600553

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2



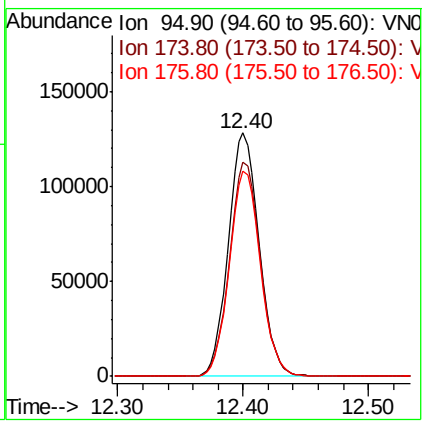


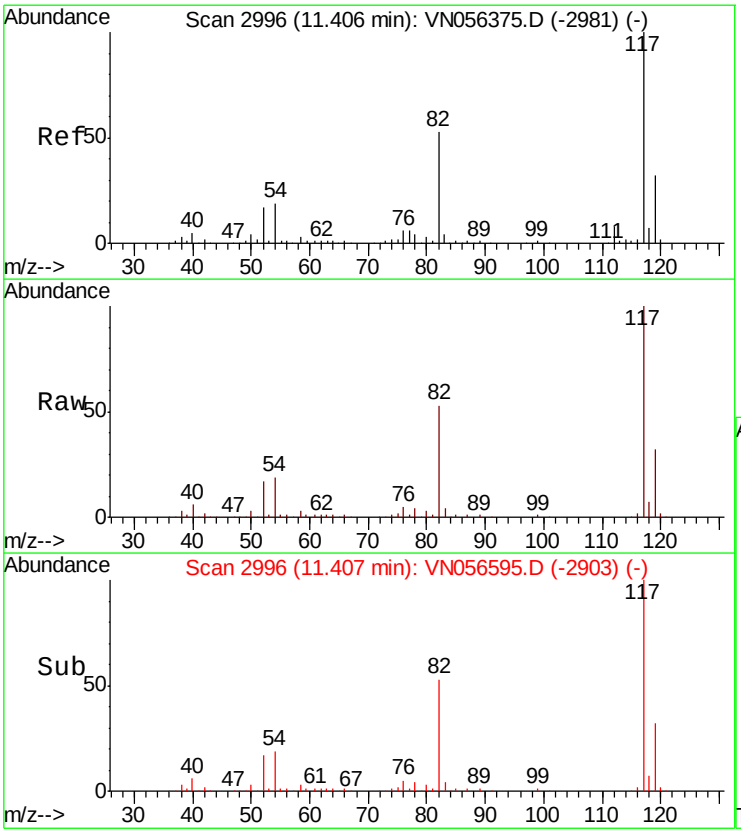
#62
4-Bromofluorobenzene
Concen: 55.830 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion: 95 Resp: 219094

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	179.4
176	84.8	0.0	173.4

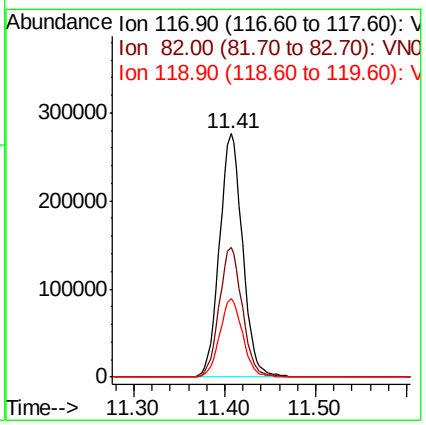


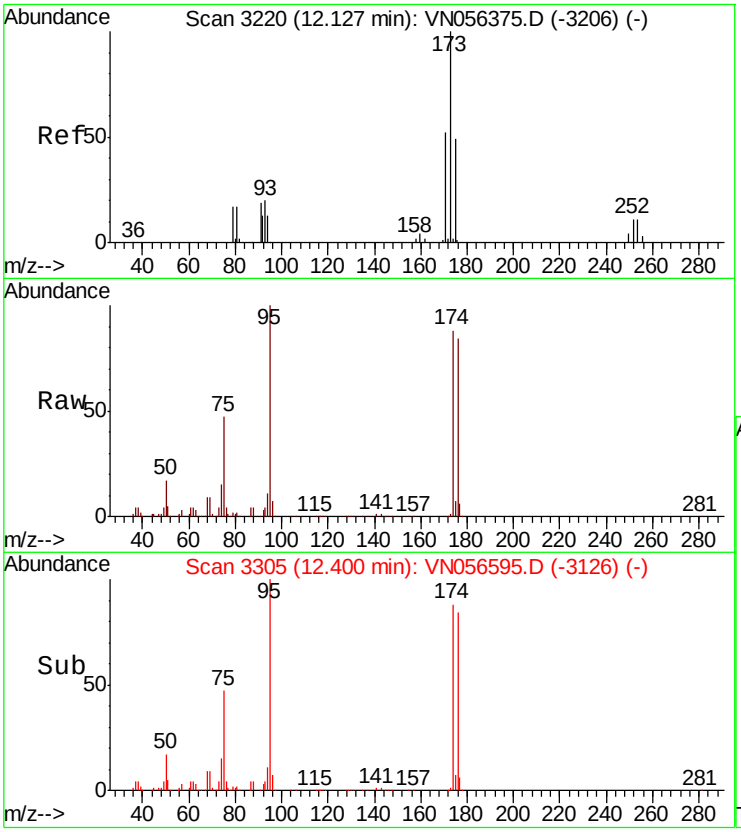


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion:117 Resp: 486659

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.0	63.0
119	32.3	25.3	37.9



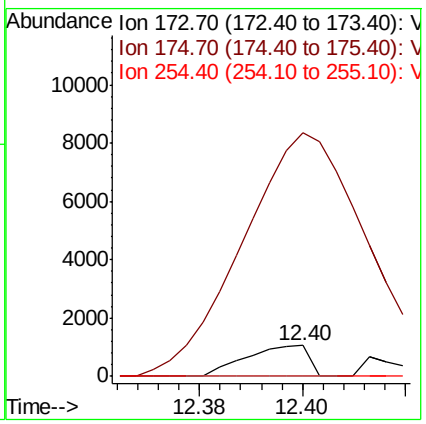


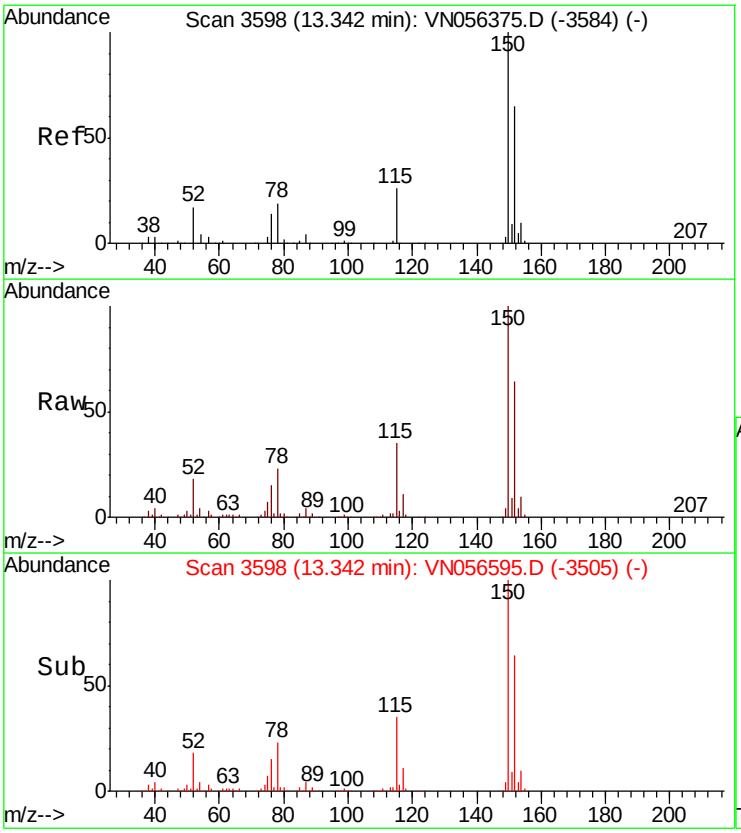
#71
Bromoform
Concen: 3.456 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion:173 Resp: 892

Ion	Ratio	Lower	Upper
173	100		
175	1390.7	24.4	73.4#
254	0.0	0.0	0.0

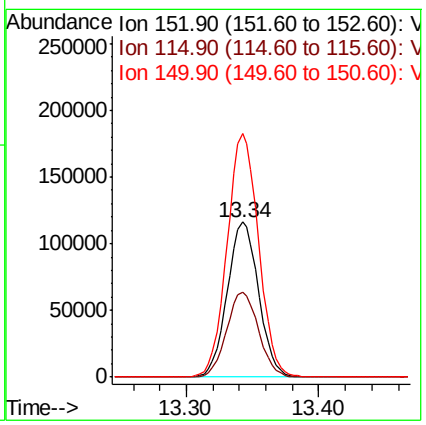


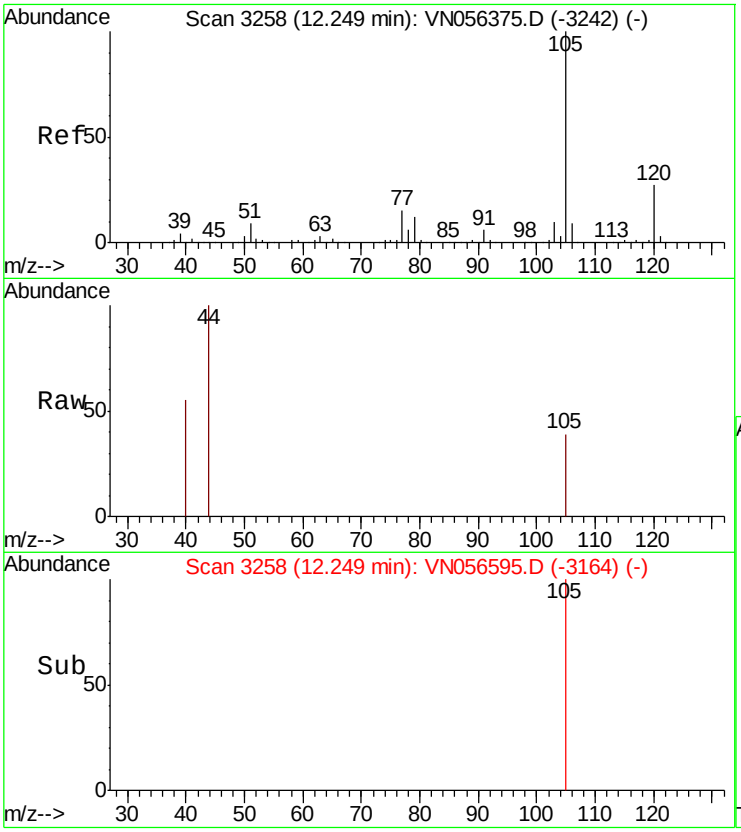


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion:152 Resp: 190674

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.1	84.4
150	157.6	0.0	348.4



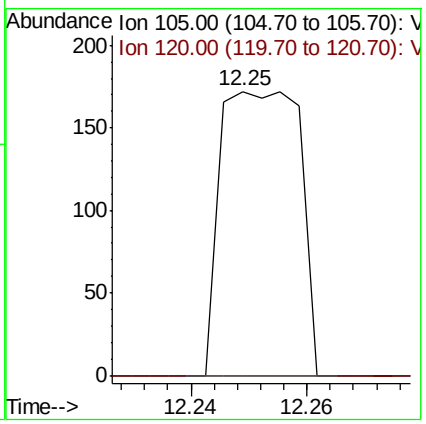


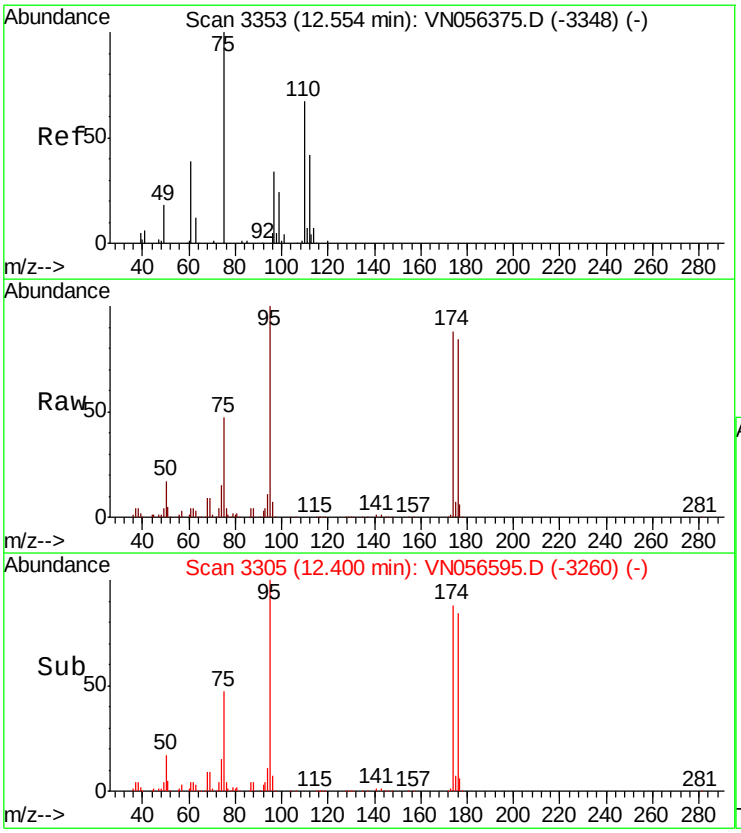
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument : MSVOA_N
ClientSampleId : MW-2RDL

Tgt Ion:105 Resp: 162

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.4	40.2#

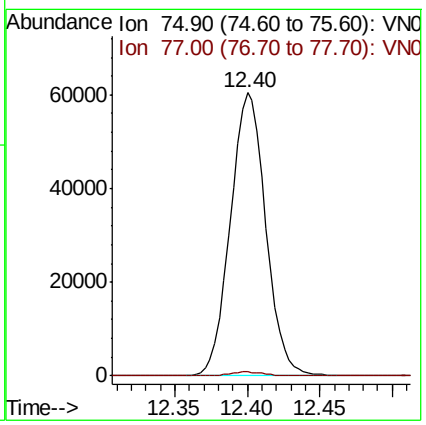


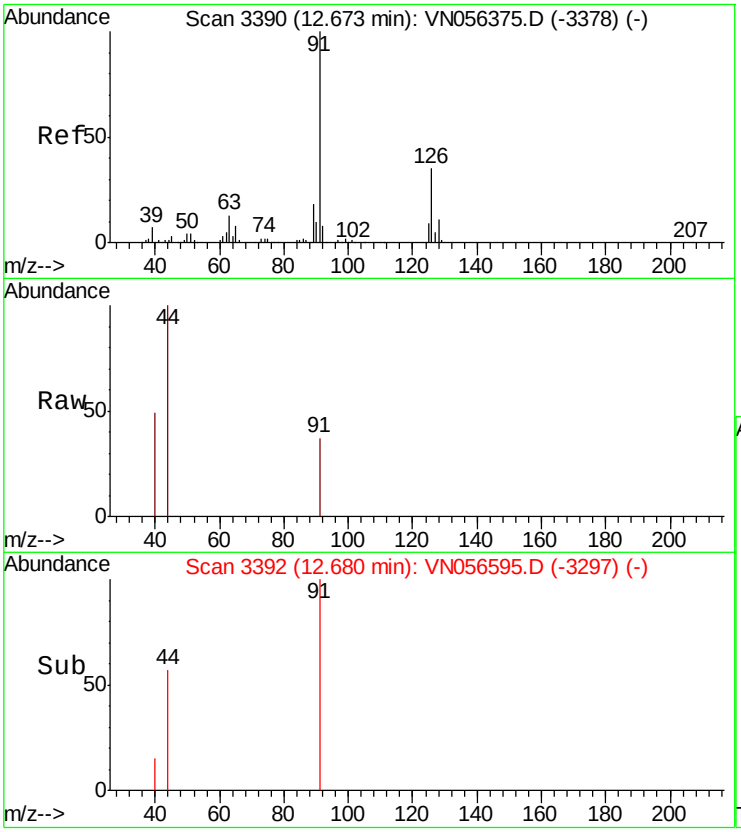


#76
1,2,3-Trichloropropane
Concen: 25.805 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion: 75 Resp: 102025

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



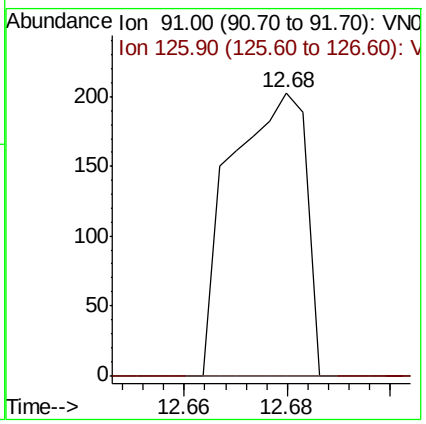


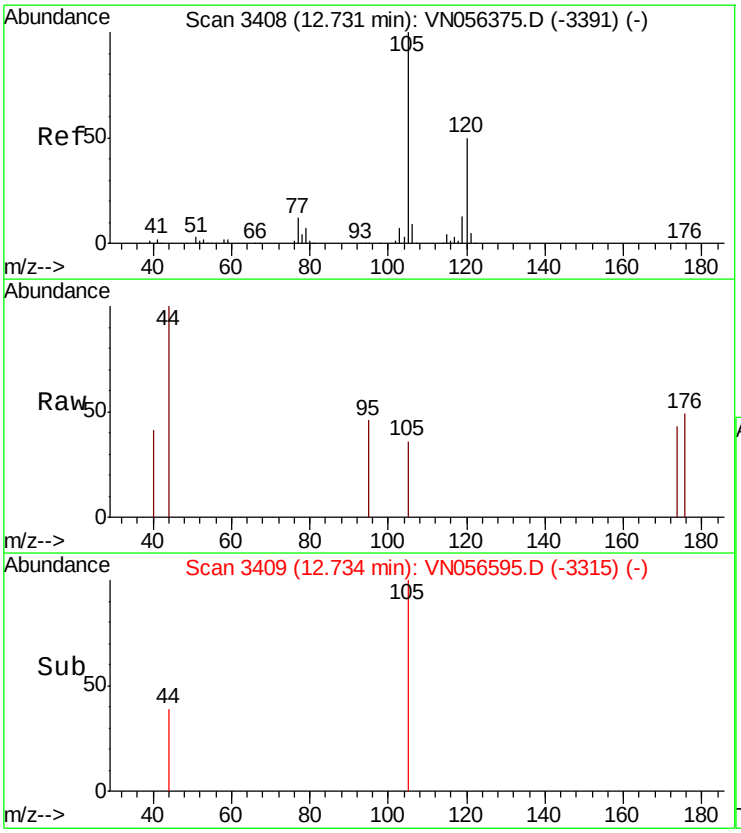
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion: 91 Resp: 204

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.6	52.8#

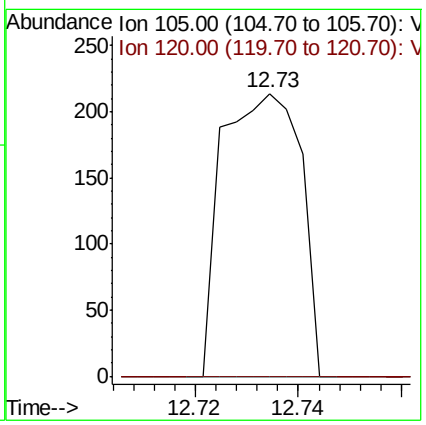


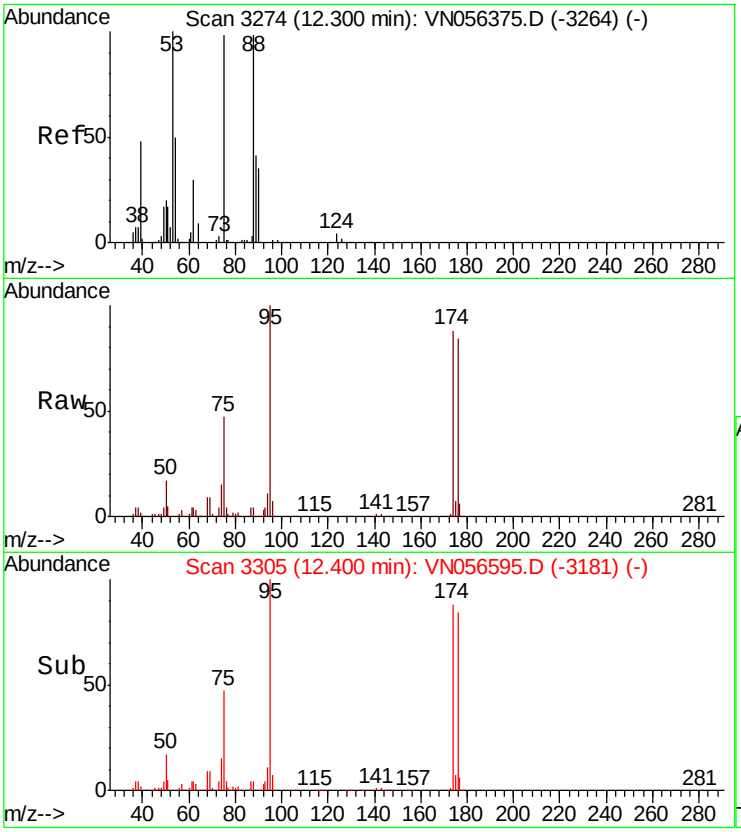


#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion:105 Resp: 225

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.8	74.4#



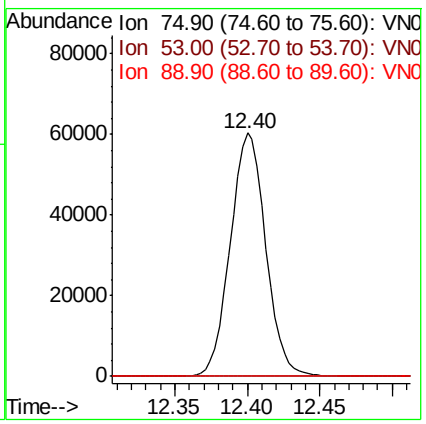


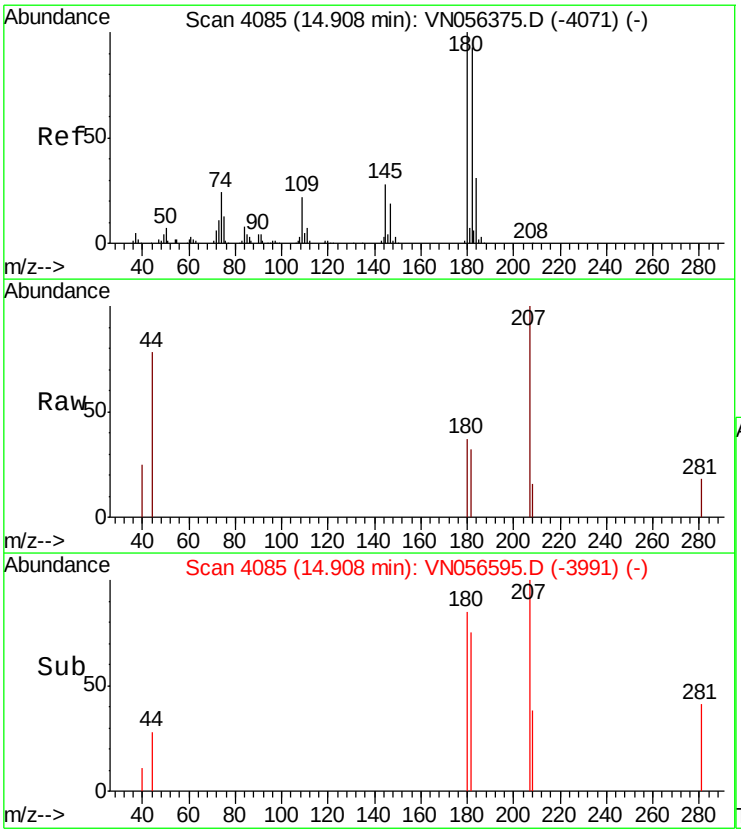
#81
trans-1,4-Dichloro-2-butene
Concen: 91.716 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion: 75 Resp: 102025

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.9	125.9#
89	0.0	35.0	52.6#

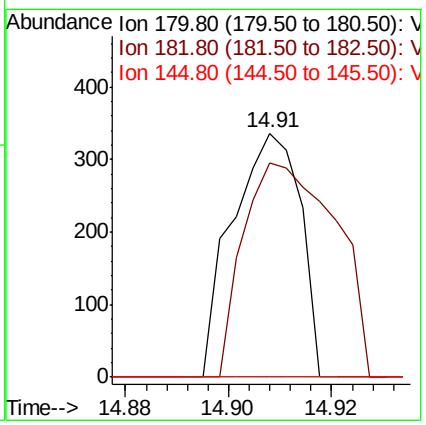


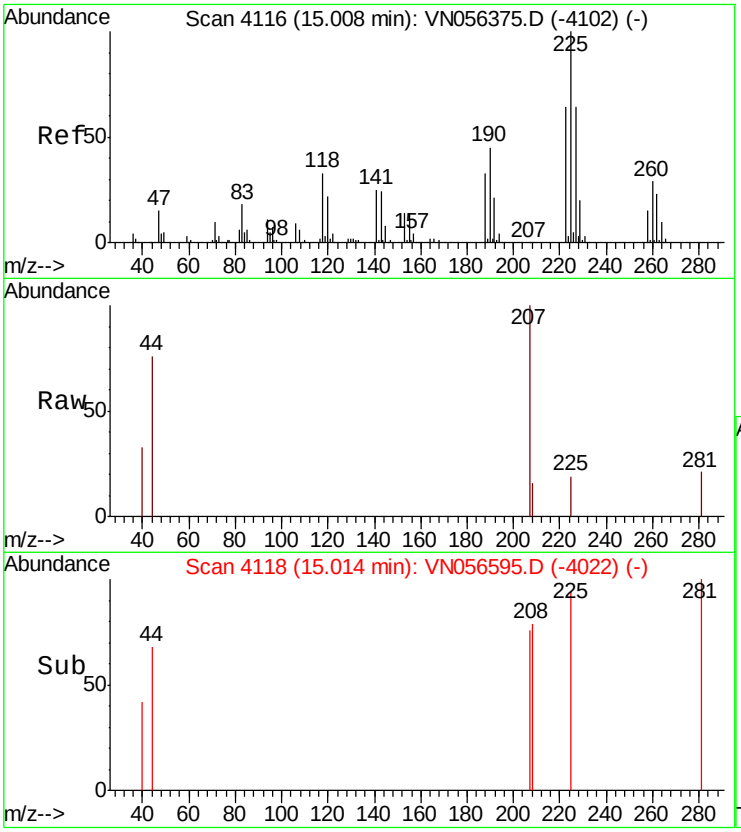


#93
1,2,4-Trichlorobenzene
Concen: 5.695 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion:180 Resp: 306

Ion	Ratio	Lower	Upper
180	100		
182	119.3	46.9	140.6
145	0.0	14.4	43.0#



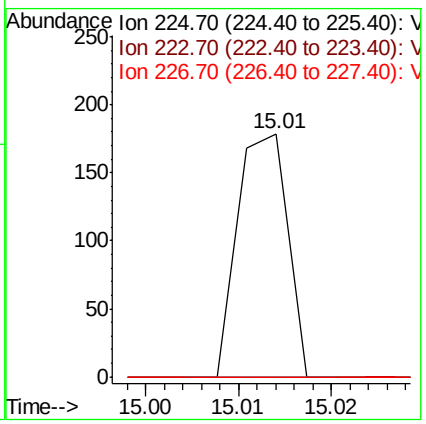


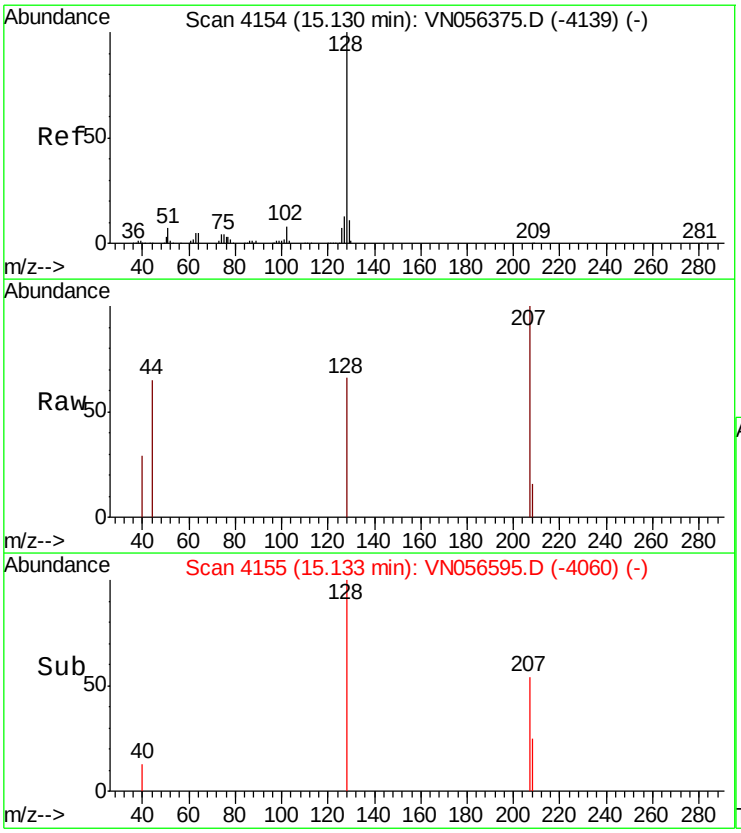
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4118
Delta R.T. 0.01 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion:225 Resp: 67

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.4	94.3#
227	0.0	32.1	96.3#

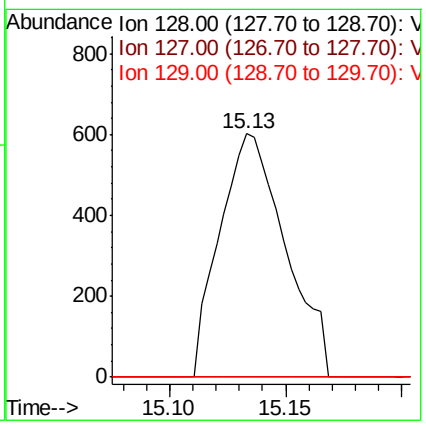


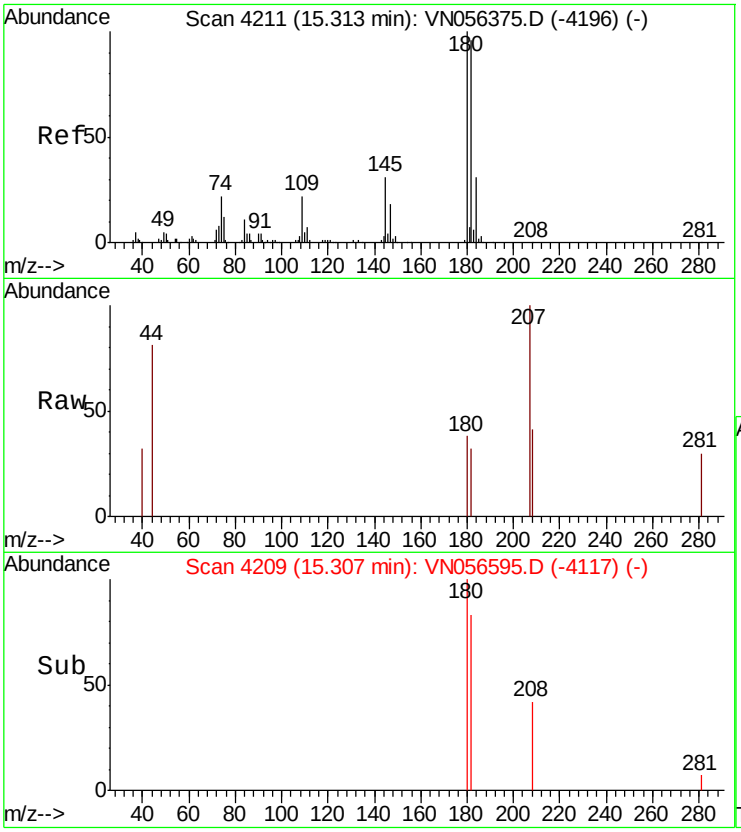


#95
Naphthalene
Concen: 5.366 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion:128 Resp: 1186

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 4.553 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.01 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tgt Ion:180 Resp: 273

Ion	Ratio	Lower	Upper
180	100		
182	119.4	48.3	144.8
145	0.0	15.4	46.1#