Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
Data File : VN058257.D
Acq On : 20 Sep 2019 17:48
Operator : JC/SP
Sample : K4974-05DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RE132D4-20190916DL

Quant Time: Sep 20 23:52:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	481227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	779114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	664324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	353409	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.46%			
35) Dibromofluoromethane	7.57	113	241103	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.80%			
50) Toluene-d8	10.09	98	987338	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.00%			
62) 4-Bromofluorobenzene	12.41	95	311833	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.98%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	417	Below Cal	#	42
4) Vinyl Chloride	2.17	62	67	Below Cal	#	1
5) Bromomethane	2.54	94	67	0.760 ug/l	#	4
6) Chloroethane	2.69	64	64	Below Cal	#	44
9) 1,1,2-Trichlorotrifluoroet	3.74	101	6247	1.606 ug/l		98
12) 1,1-Dichloroethene	3.71	96	405	Below Cal	#	30
17) Carbon Disulfide	4.02	76	248	0.330 ug/l	#	74
20) Methylene Chloride	4.53	84	77	Below Cal	#	1
25) 2-Butanone	6.80	43	645	0.208 ug/l	#	51
27) cis-1,2-Dichloroethene	6.81	96	1169	0.240 ug/l	#	1
31) Cyclohexane	7.65	56	11827	Below Cal	#	25
36) 1,1-Dichloropropene	7.65	75	41323	7.355 ug/l	#	51
38) Carbon Tetrachloride	7.65	117	50274	8.901 ug/l	#	15
39) Methylcyclohexane	8.82	83	3019	0.626 ug/l	#	1
41) Methacrylonitrile	7.22	41	29	0.921 ug/l	#	100
43) Isopropyl Acetate	8.23	43	7375	0.677 ug/l	#	57
44) Trichloroethene	8.83	130	228678	54.453 ug/l		98
49) 1,4-Dioxane	9.19	88	147	1.811 ug/l	#	1
60) Dibromochloromethane	10.63	129	3903	0.850 ug/l	#	11
64) Tetrachloroethene	10.63	164	3917	1.210 ug/l		94
71) Bromoform	12.39	173	193	3.652 ug/l	#	1
76) 1,2,3-Trichloropropane	12.41	75	170403	36.364 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.41	75	170403	101.496 ug/l	#	5

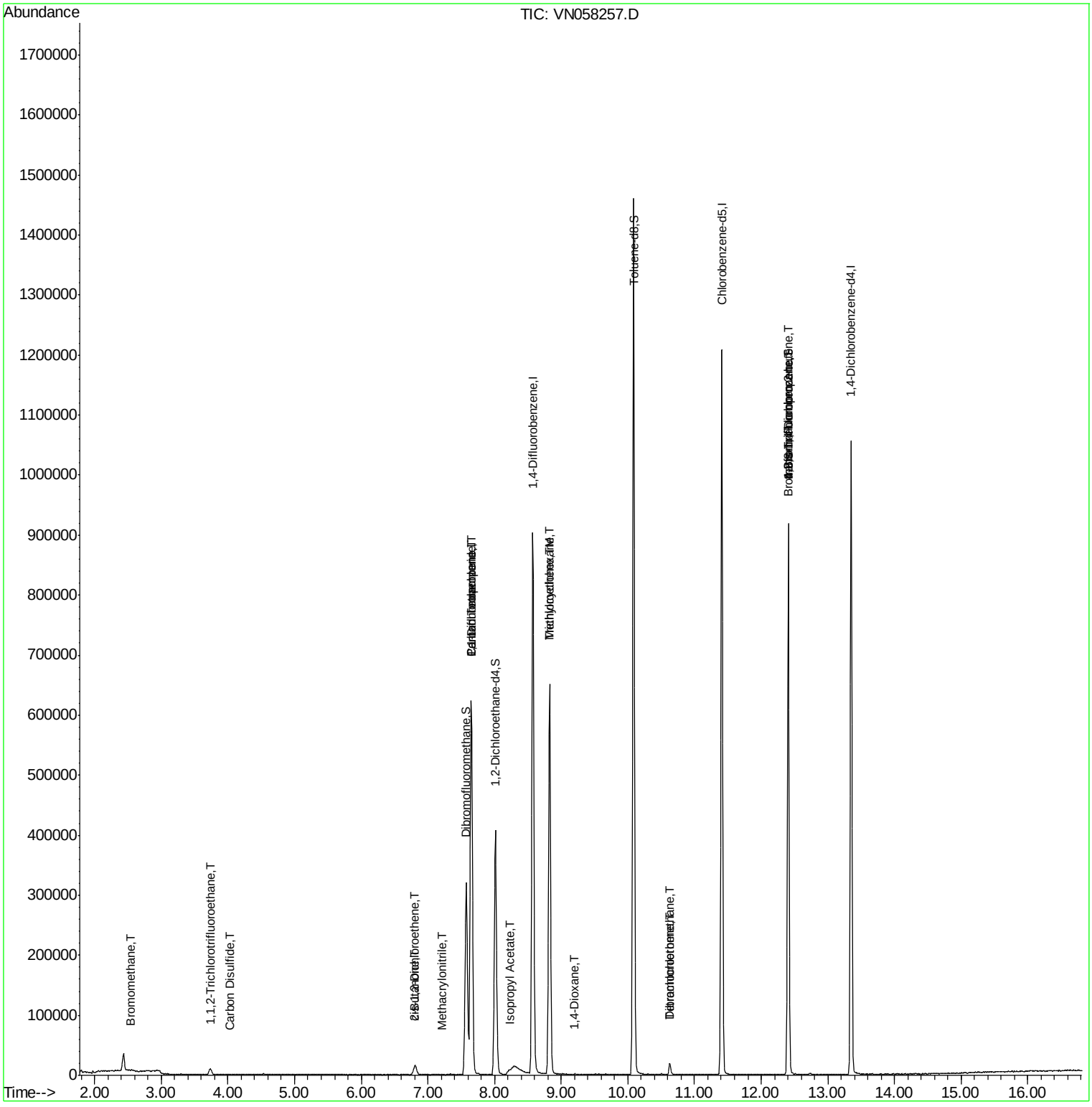
(#) = qualifier out of range (m) = manual integration (+) = signals summed

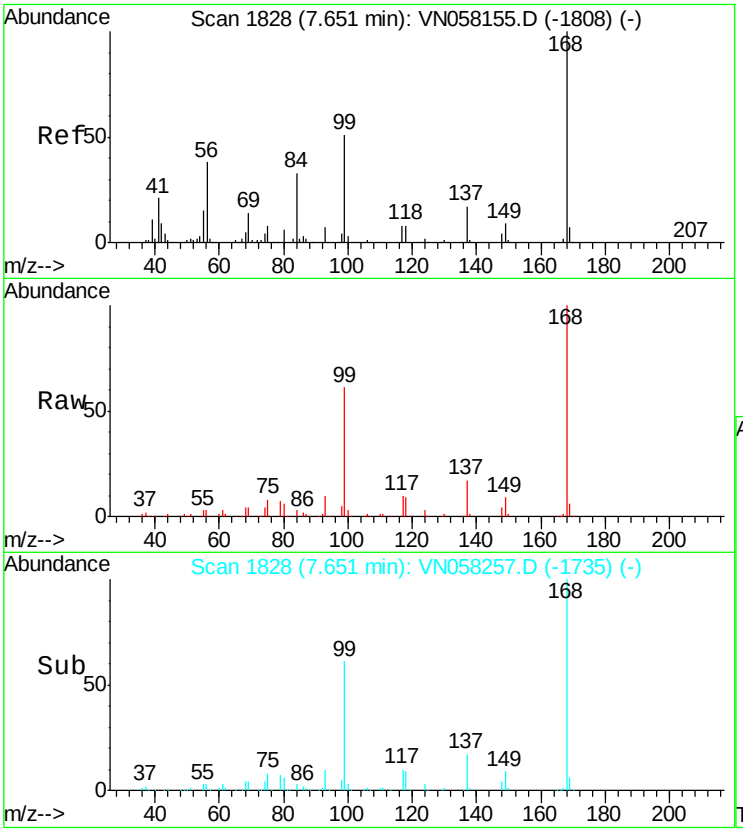
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
Data File : VN058257.D
Acq On : 20 Sep 2019 17:48
Operator : JC/SP
Sample : K4974-05DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Quant Time: Sep 20 23:52:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration



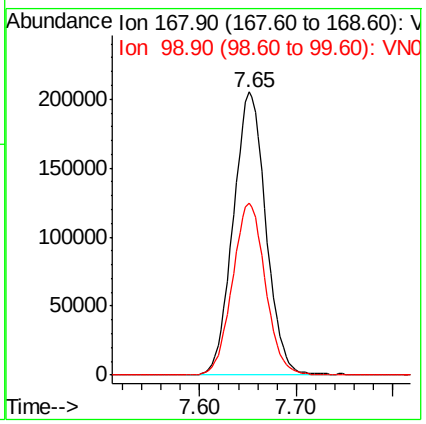


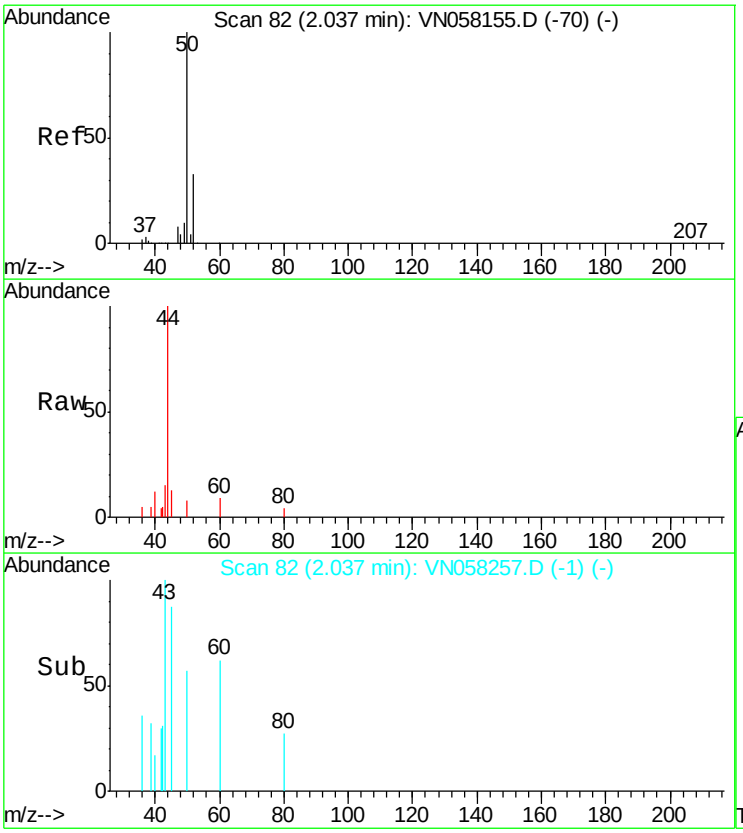
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion:168 Resp: 481227

Ion	Ratio	Lower	Upper
168	100		
99	60.7	47.4	71.2

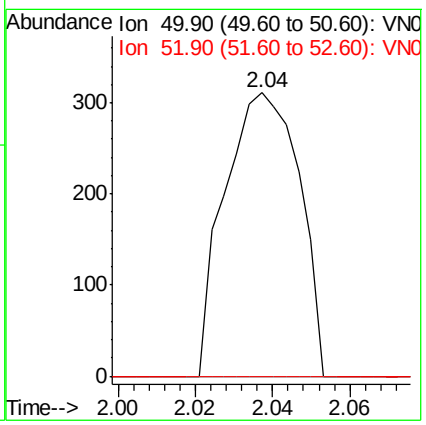


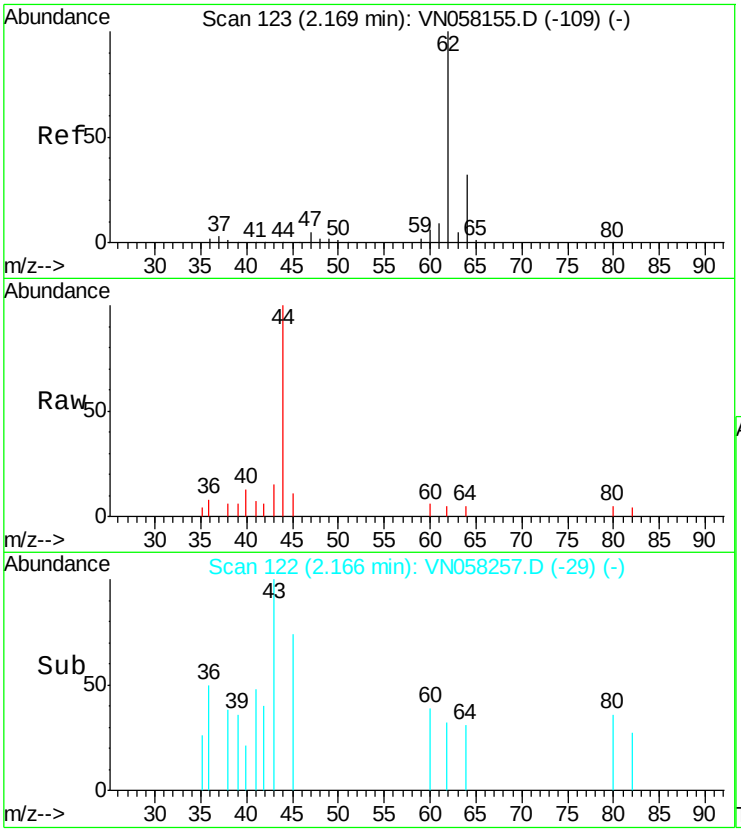


#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 50 Resp: 417

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



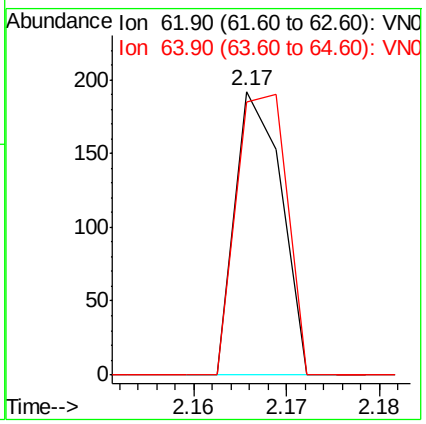


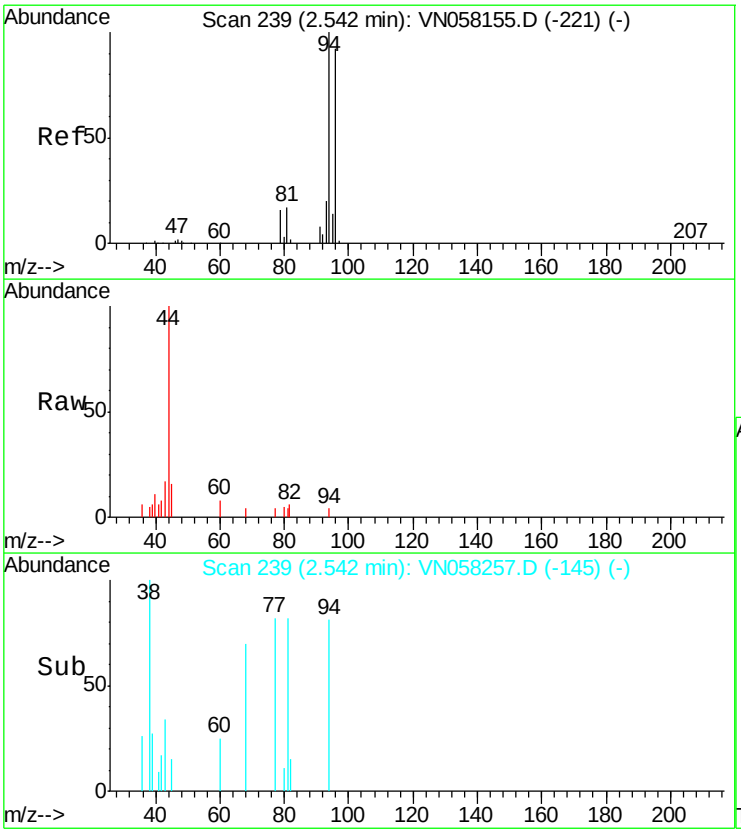
#4
Vinyl Chloride
Concen: Below Cal
RT: 2.17 min Scan# 122
Delta R.T. -0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 62 Resp: 67

Ion	Ratio	Lower	Upper
62	100		
64	96.4	25.4	38.2#

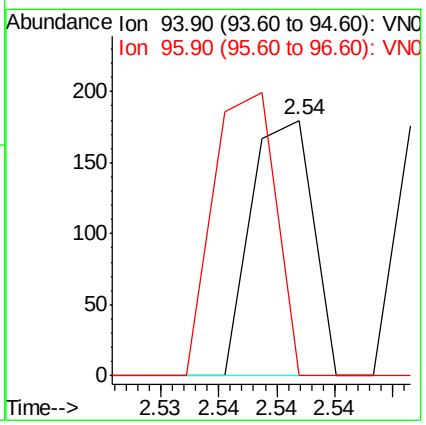


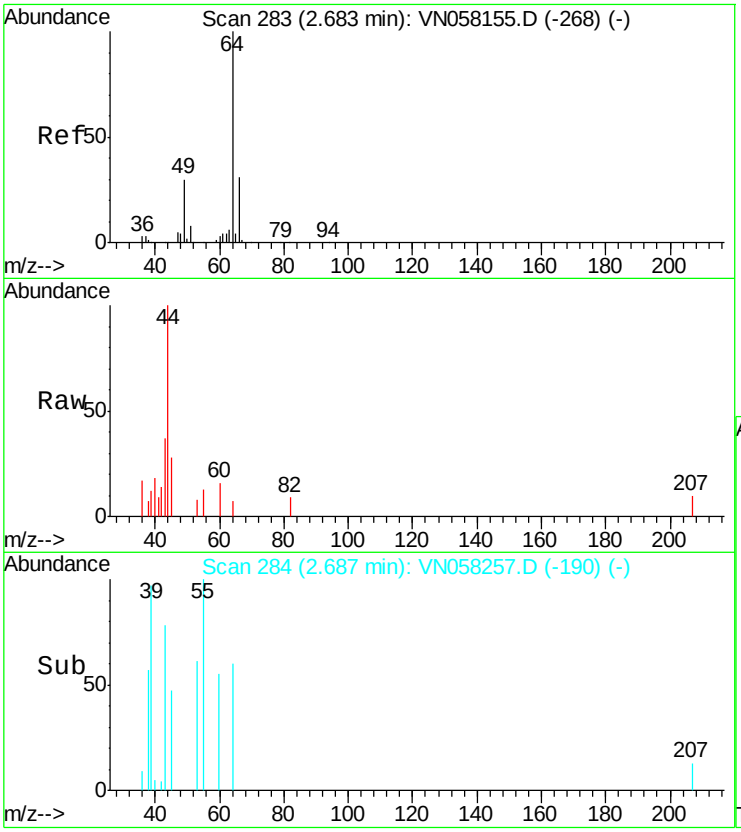


#5
Bromomethane
Concen: 0.760 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 94 Resp: 67

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.3	109.9#



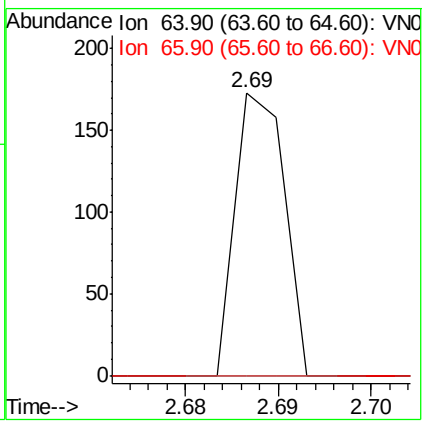


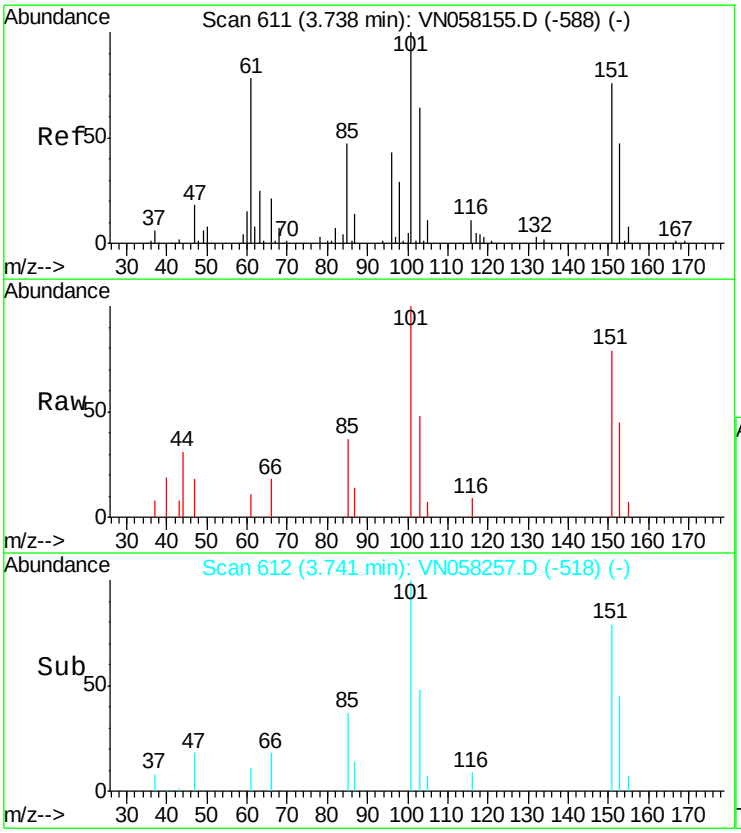
#6
Chloroethane
Concen: Below Cal
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 64 Resp: 64

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#

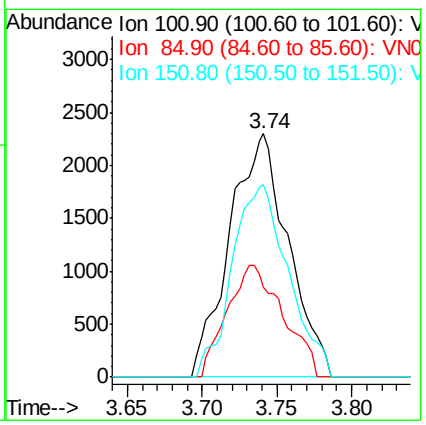


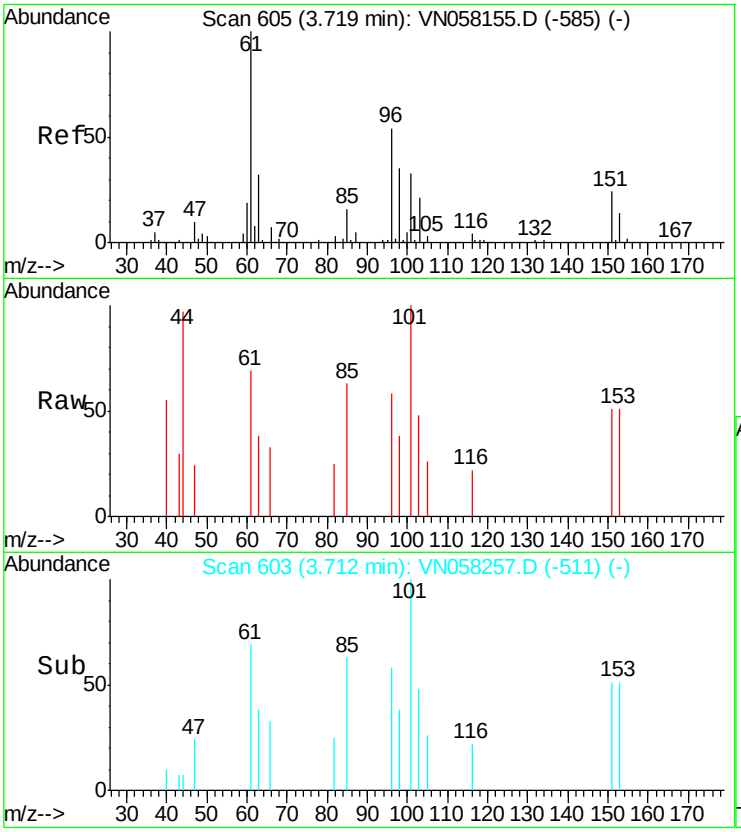


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.606 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion:101 Resp: 6247

Ion	Ratio	Lower	Upper
101	100		
85	44.0	37.3	55.9
151	75.8	59.6	89.4



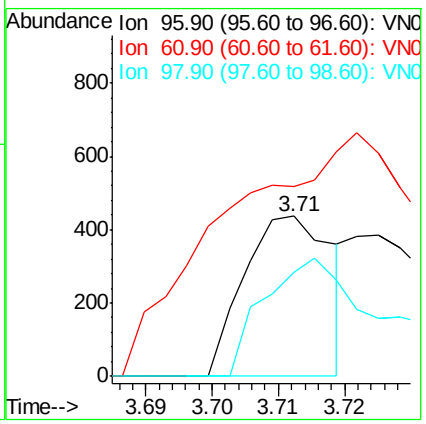


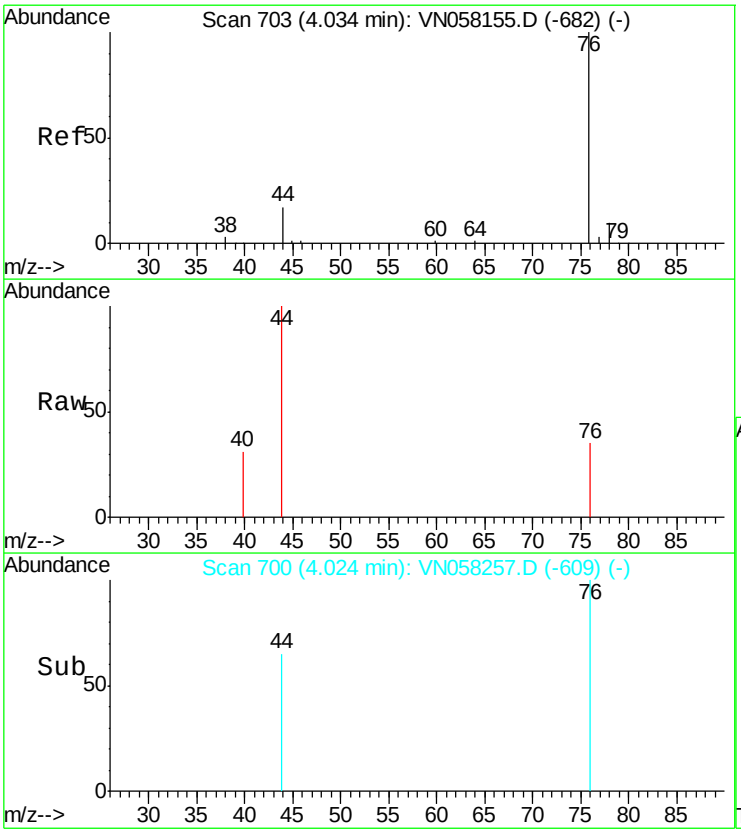
#12
1,1-Dichloroethene
Concen: Below Cal
RT: 3.71 min Scan# 603
Delta R.T. -0.01 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument : MSVOA_N
ClientSampleId : RE132D4-20190916DL

Tgt Ion: 96 Resp: 405

Ion	Ratio	Lower	Upper
96	100		
61	49.2	149.5	224.3#
98	65.0	52.4	78.6

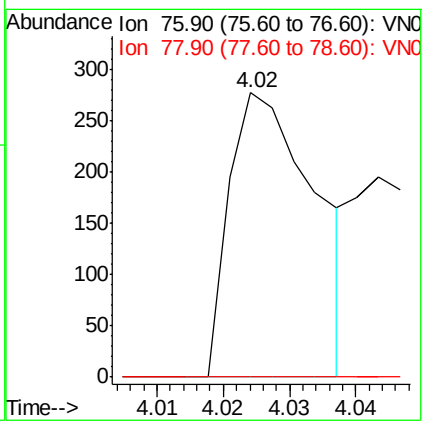


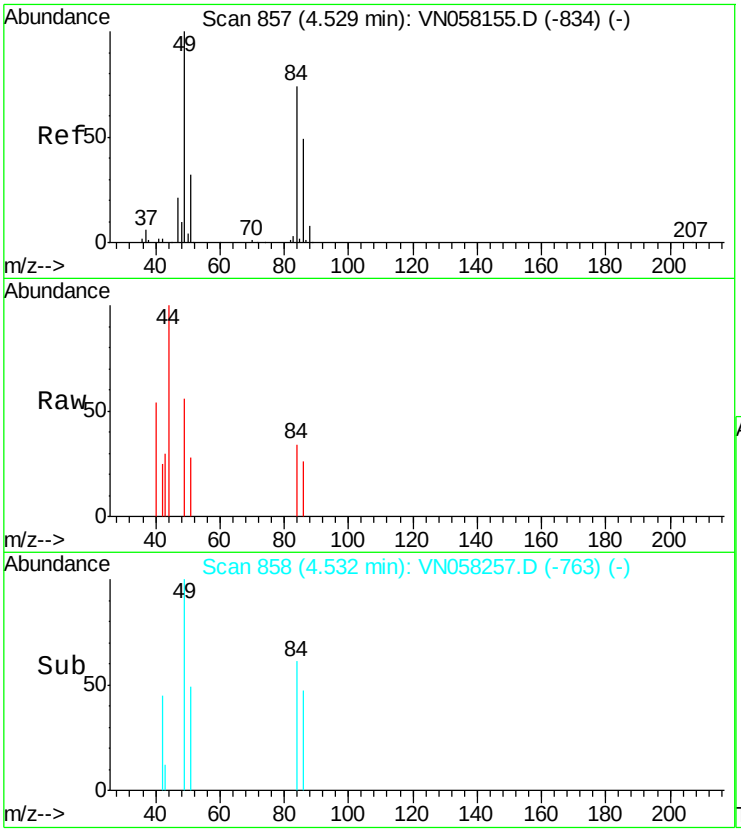


#17
Carbon Disulfide
Concen: 0.330 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 76 Resp: 248

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.7	11.5#



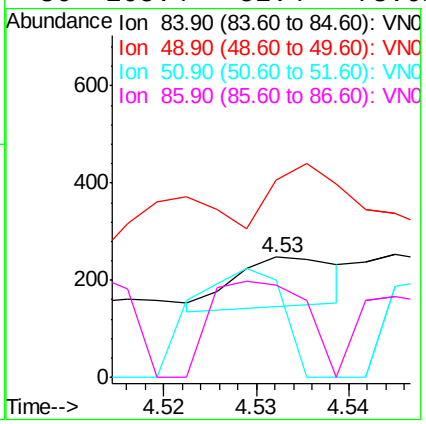


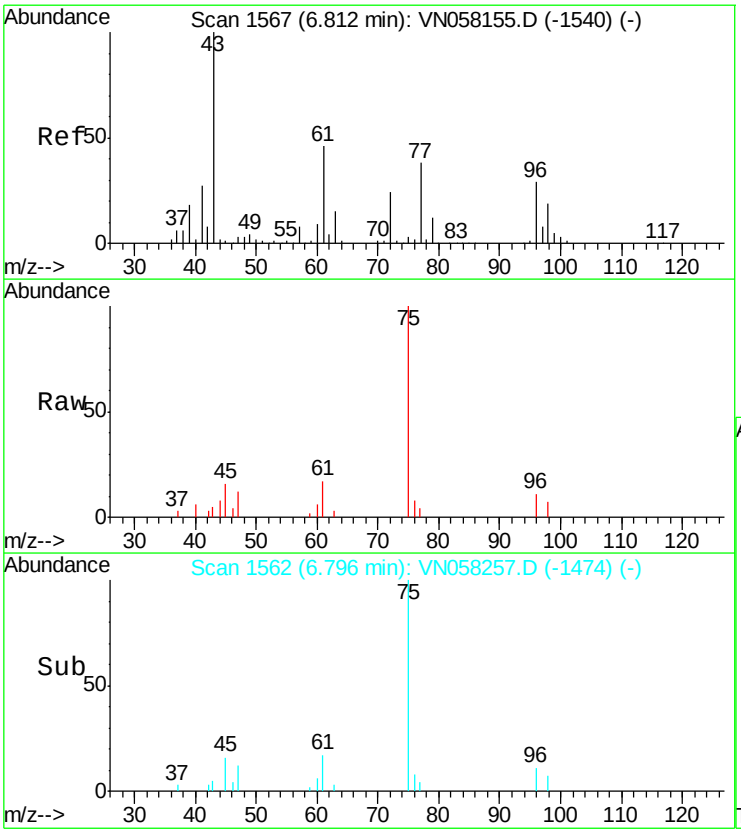
#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 84 Resp: 77

Ion	Ratio	Lower	Upper
84	100		
49	36.6	107.5	161.3#
51	215.1	33.9	50.9#
86	205.4	52.4	78.6#

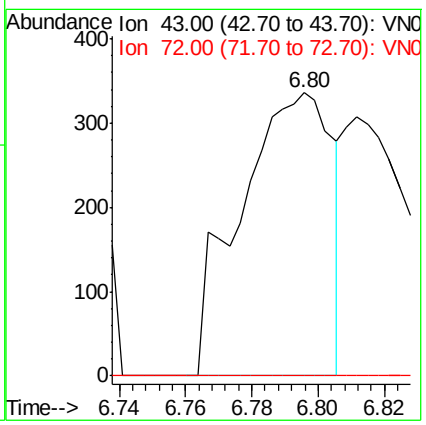


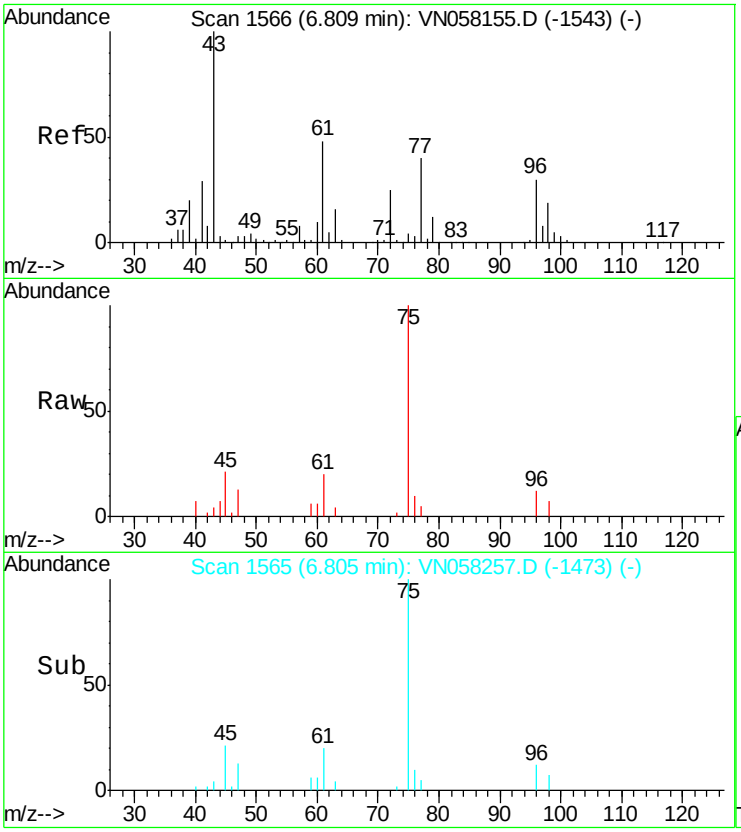


#25
2-Butanone
Concen: 0.208 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.02 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 43 Resp: 645

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.5	29.3#



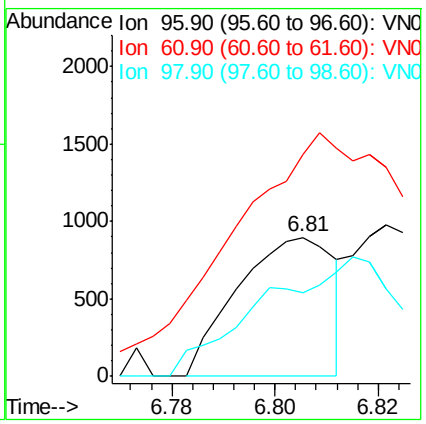


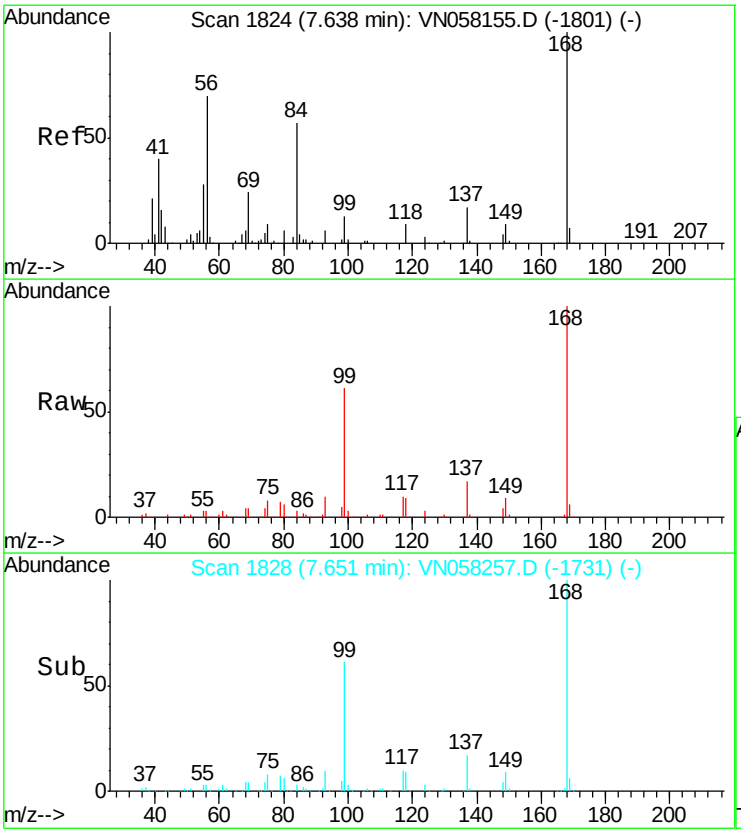
#27
cis-1,2-Dichloroethene
Concen: 0.240 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 96 Resp: 1169

Ion	Ratio	Lower	Upper
96	100		
61	382.5	0.0	319.0#
98	0.0	0.0	126.6

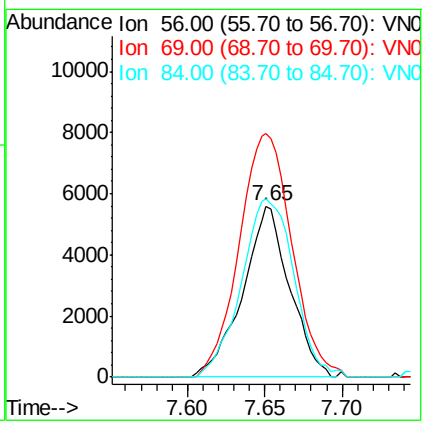


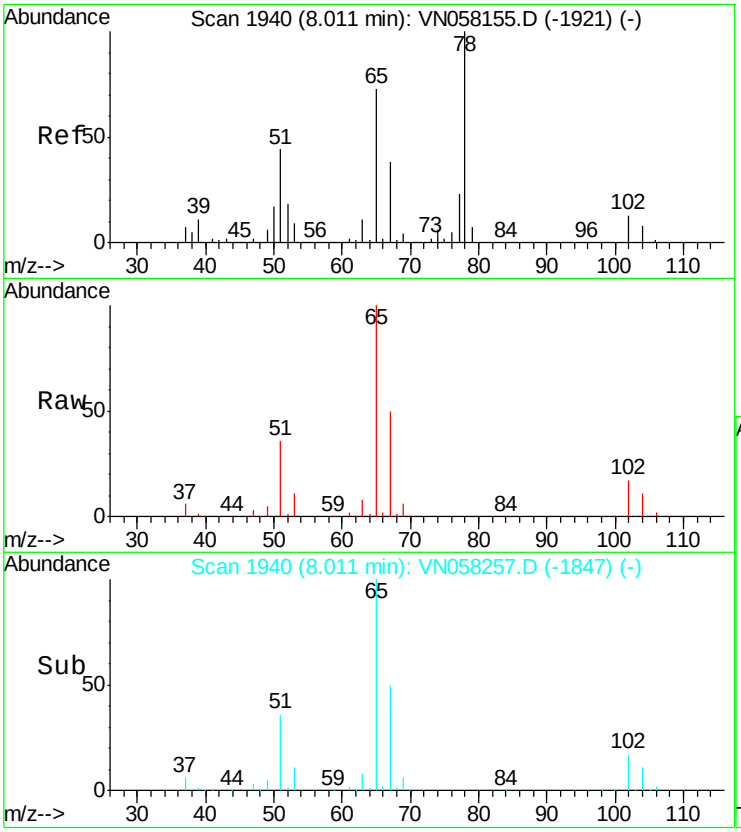


#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 56 Resp: 11827

Ion	Ratio	Lower	Upper
56	100		
69	142.7	27.3	40.9#
84	104.9	65.0	97.4#



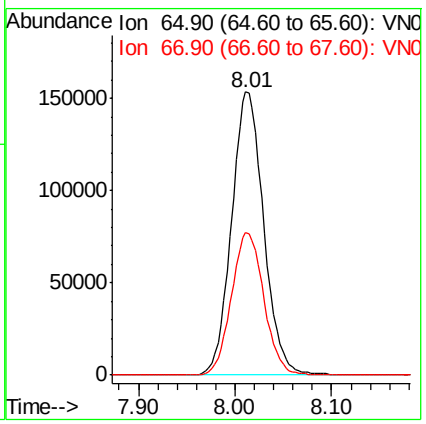


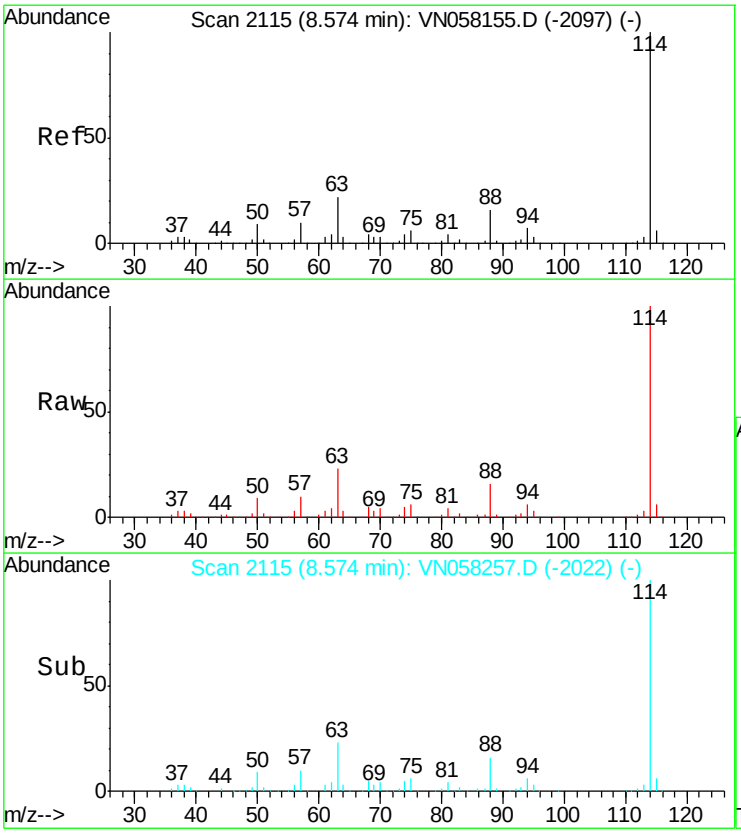
#33
1,2-Dichloroethane-d4
Concen: 52.728 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 65 Resp: 353409

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.4

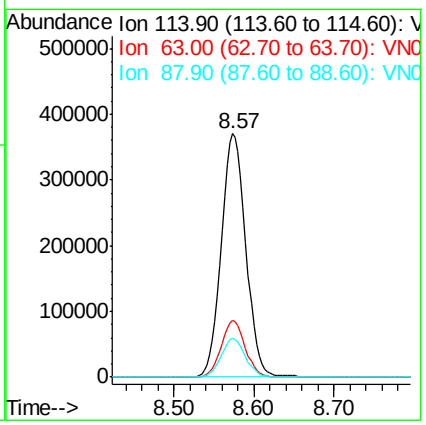


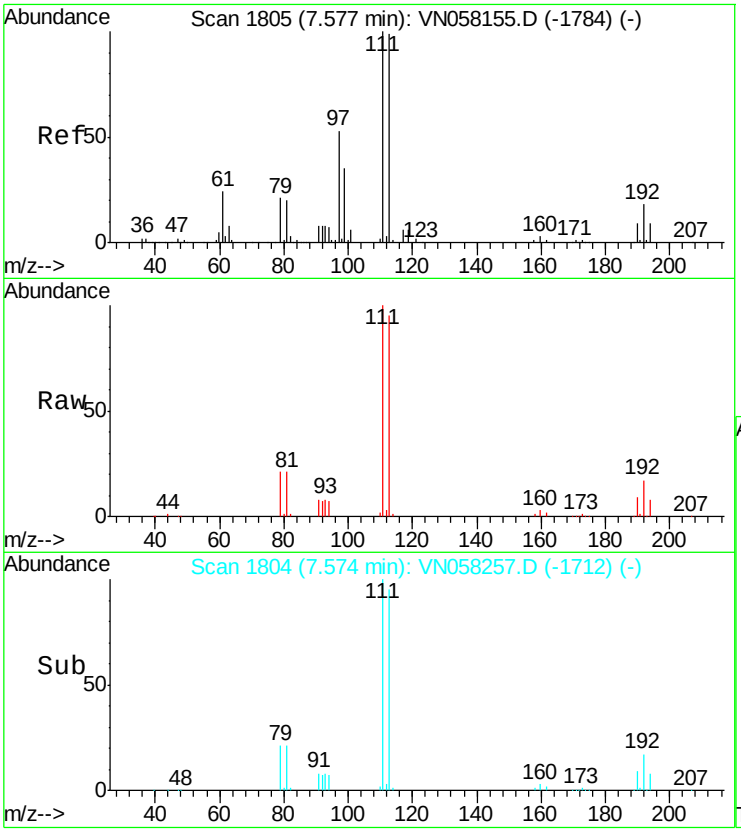


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion:114 Resp: 779114

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.2
88	15.7	0.0	31.6



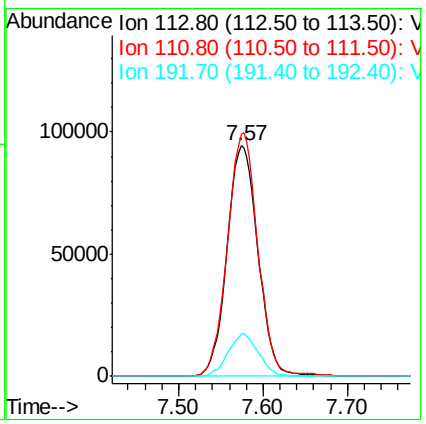


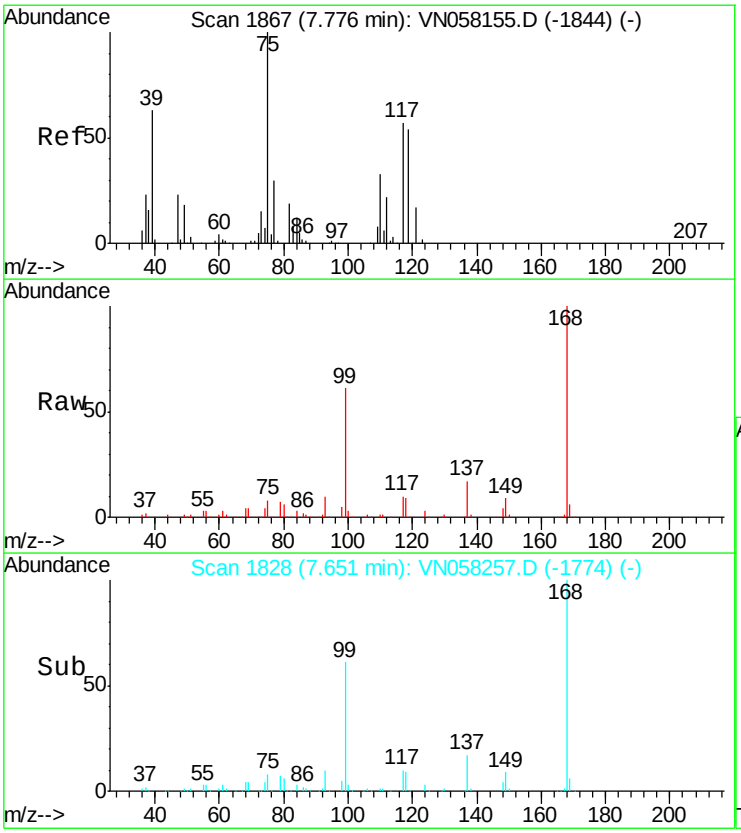
#35
Dibromofluoromethane
Concen: 50.905 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion:113 Resp: 241103

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	18.1	14.5	21.7

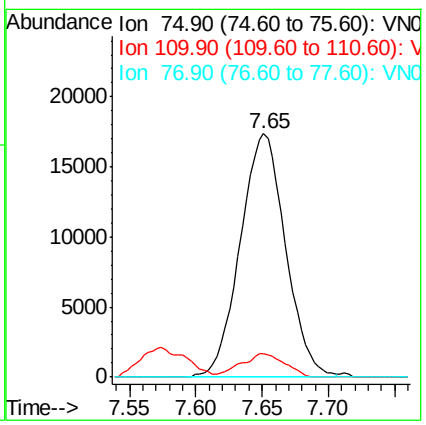


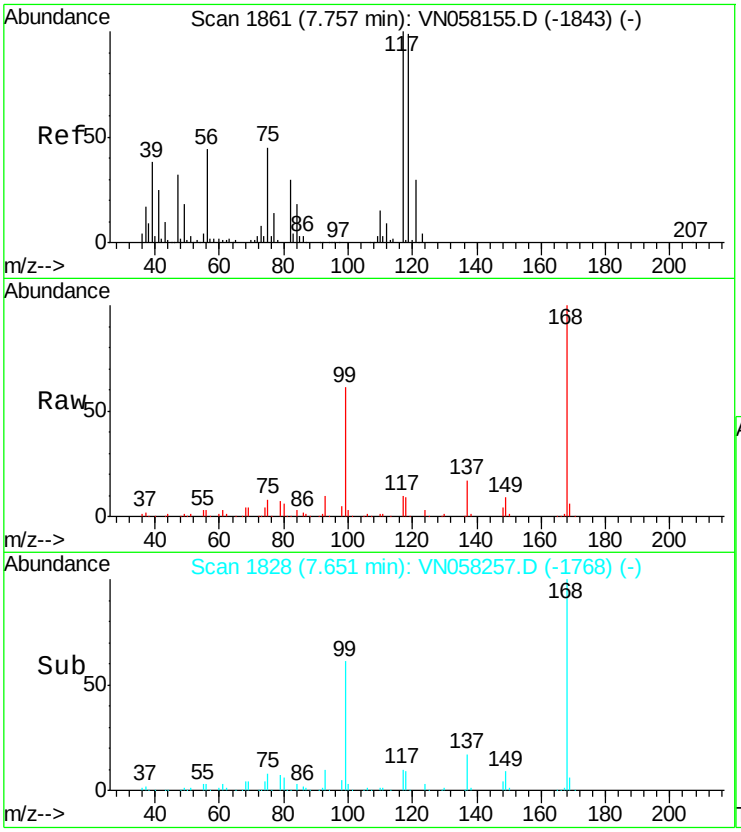


#36
1,1-Dichloropropene
Concen: 7.355 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 75 Resp: 41323

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.6	49.7#
77	0.0	24.3	36.5#



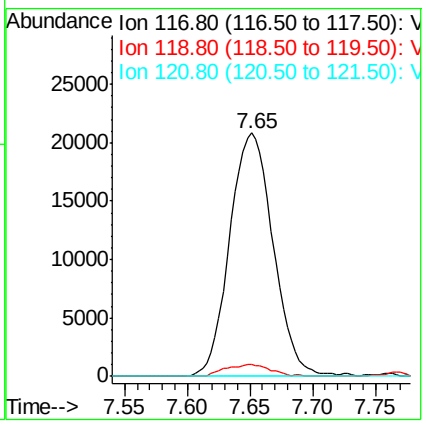


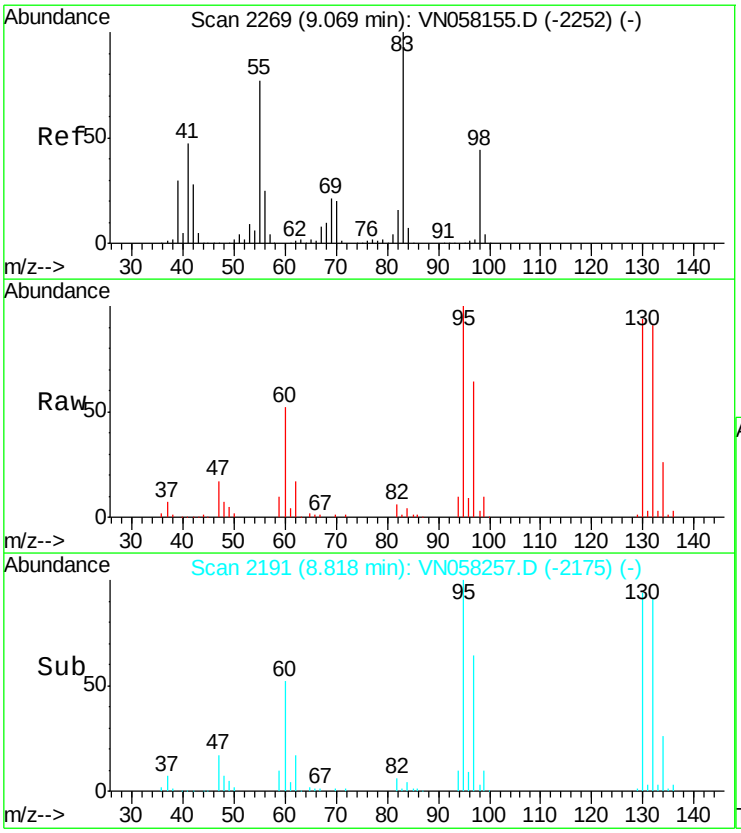
#38
Carbon Tetrachloride
Concen: 8.901 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion:117 Resp: 50274

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.6	117.8#
121	0.0	24.1	36.1#

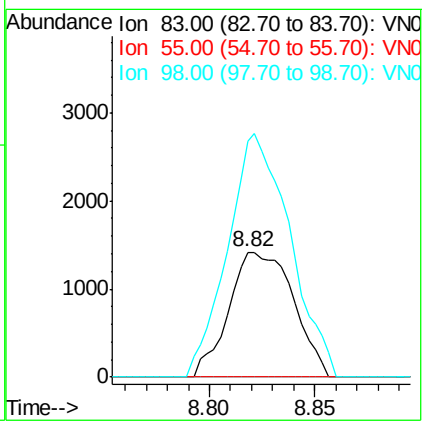


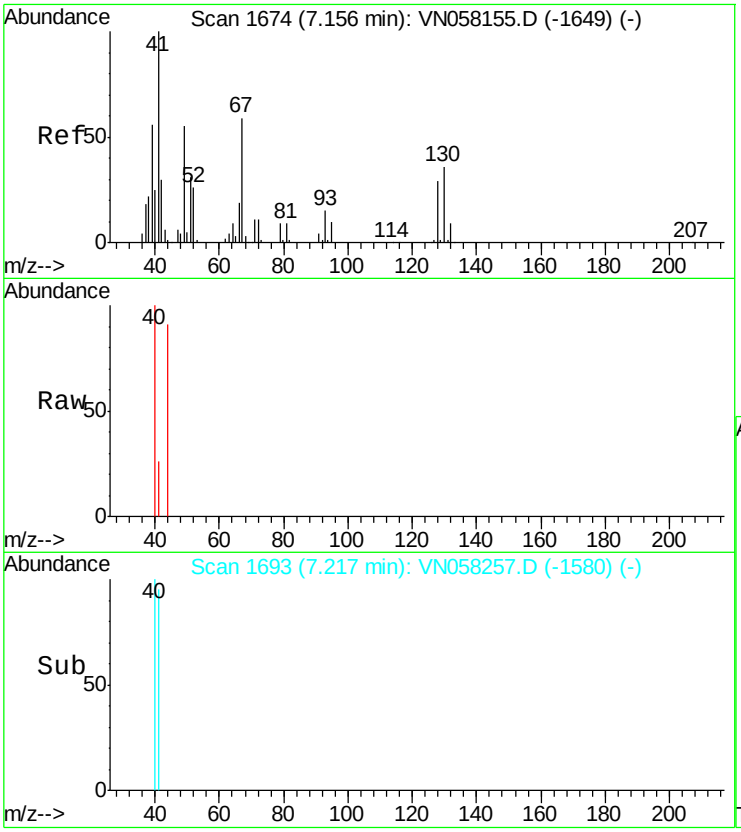


#39
Methylcyclohexane
Concen: 0.626 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.25 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 83 Resp: 3019

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	188.5	35.4	53.2#



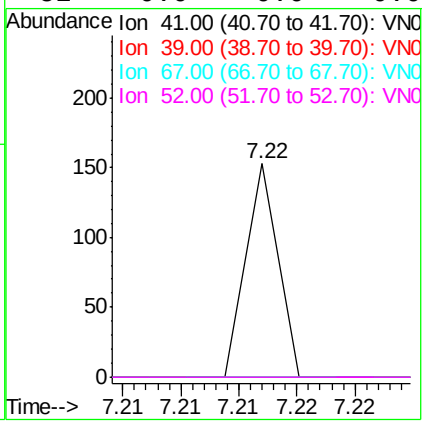


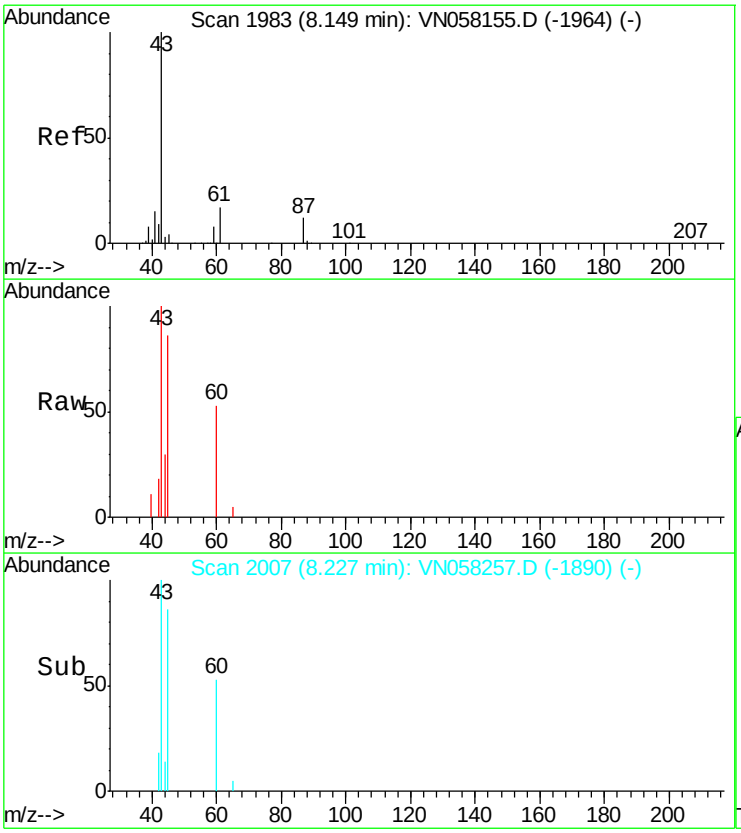
#41
Methacrylonitrile
Concen: 0.921 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.06 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 41 Resp: 29

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

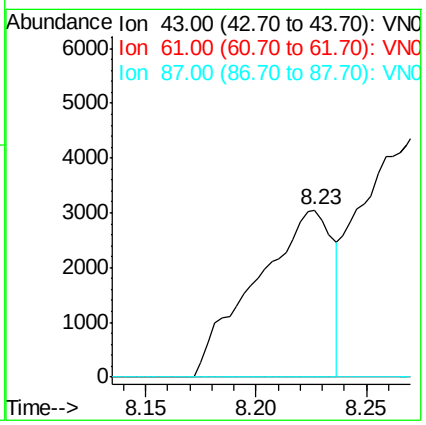


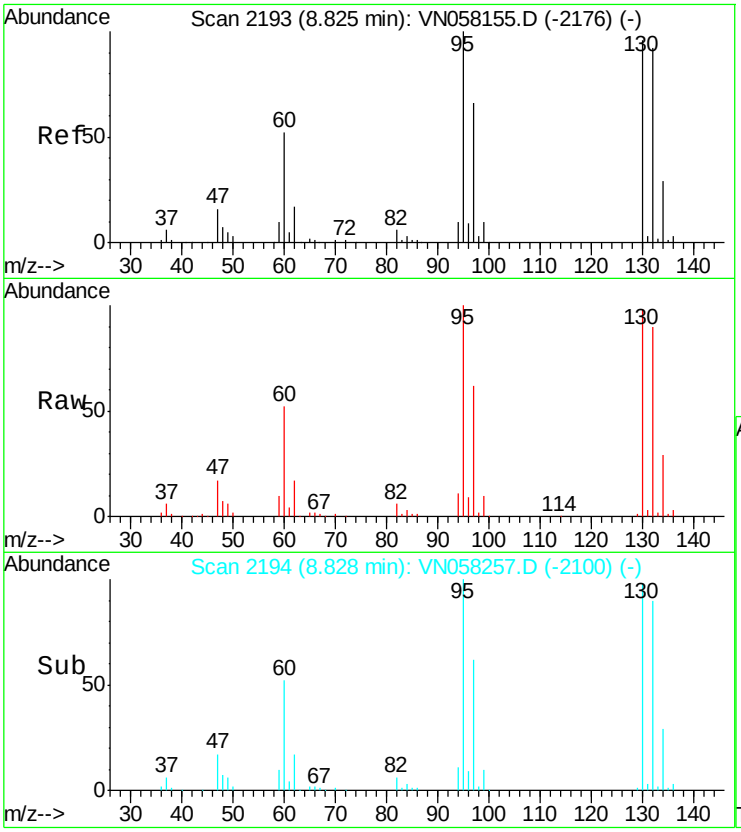


#43
Isopropyl Acetate
Concen: 0.677 ug/l
RT: 8.23 min Scan# 2007
Delta R.T. 0.08 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 43 Resp: 7375

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.7	29.5#
87	0.0	9.4	14.2#



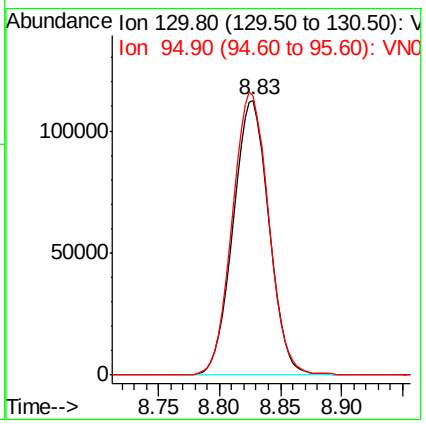


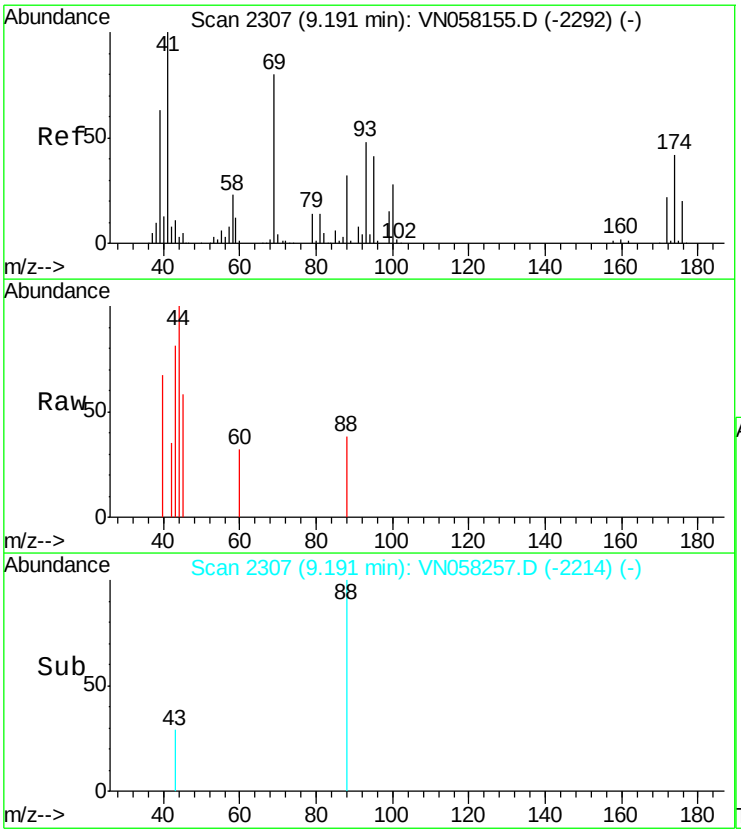
#44
Trichloroethene
Concen: 54.453 ug/l
RT: 8.83 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion:130 Resp: 228678

Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	207.8

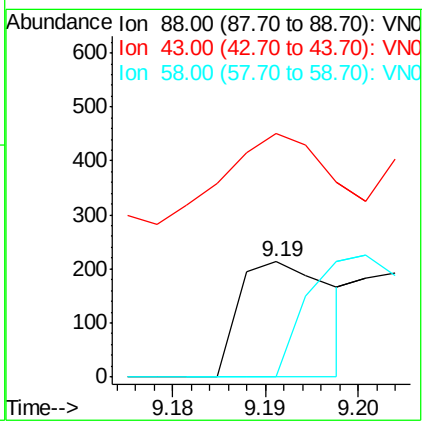


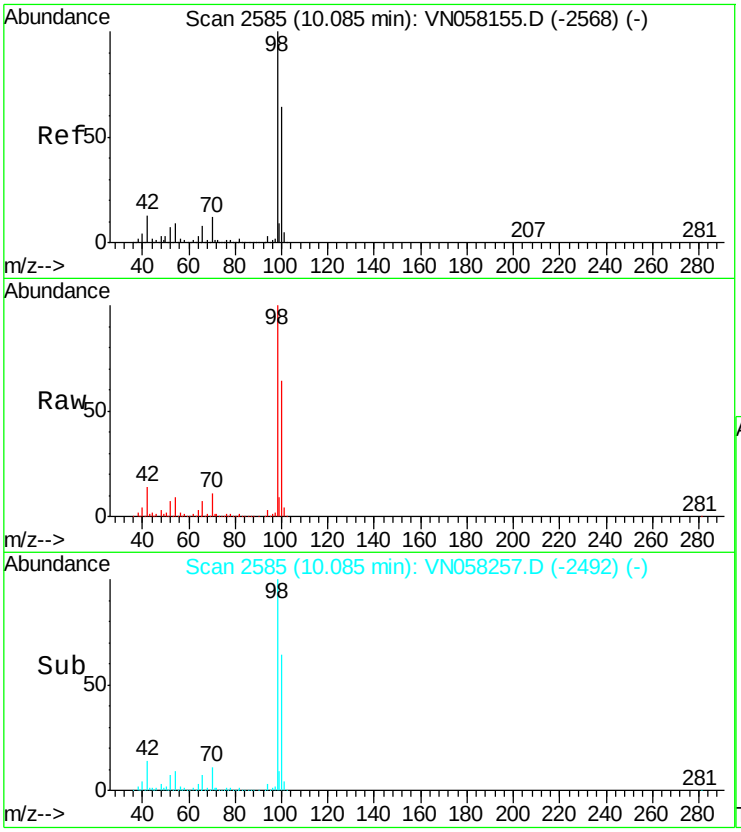


#49
1,4-Dioxane
Concen: 1.811 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 88 Resp: 147

Ion	Ratio	Lower	Upper
88	100		
43	108.2	27.8	41.8#
58	0.0	55.0	82.4#



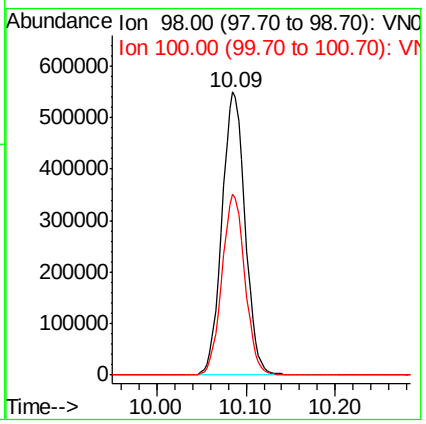


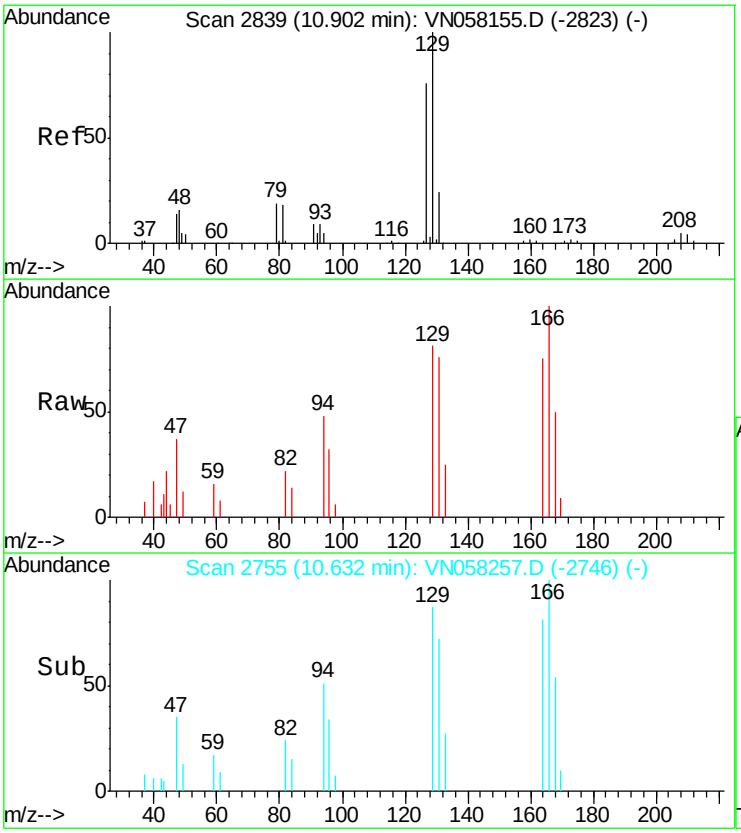
#50
Toluene-d8
Concen: 53.503 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 98 Resp: 987338

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7

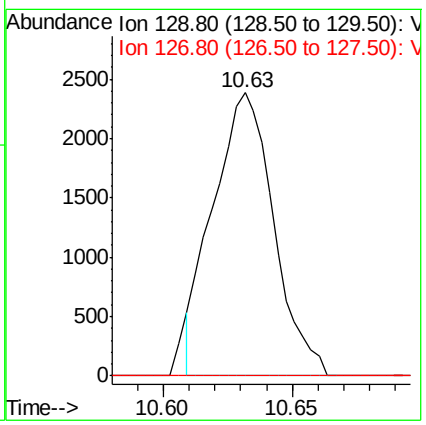


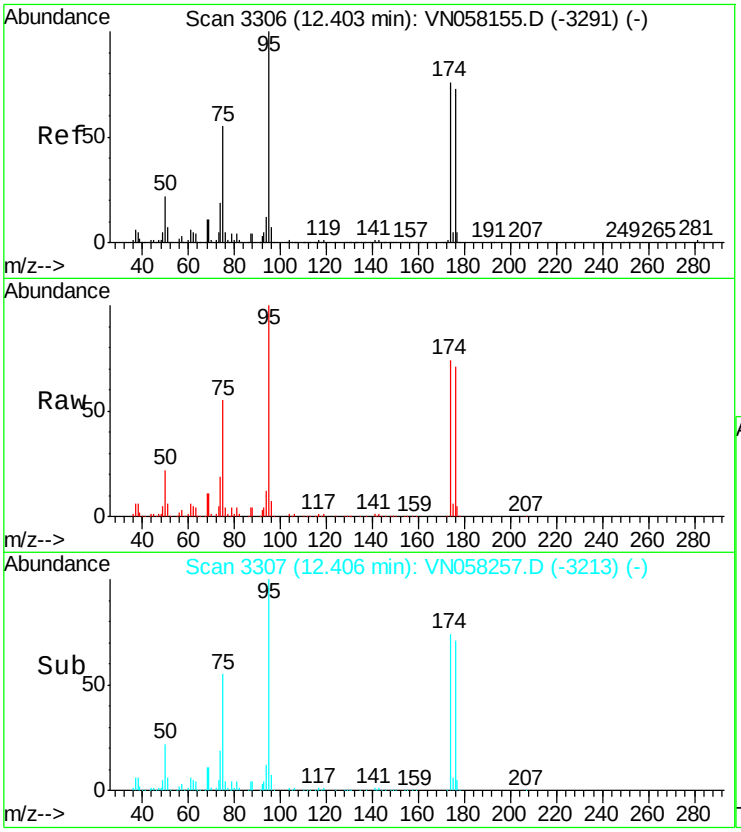


#60
Dibromochloromethane
Concen: 0.850 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion:129 Resp: 3903

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.7	116.1#



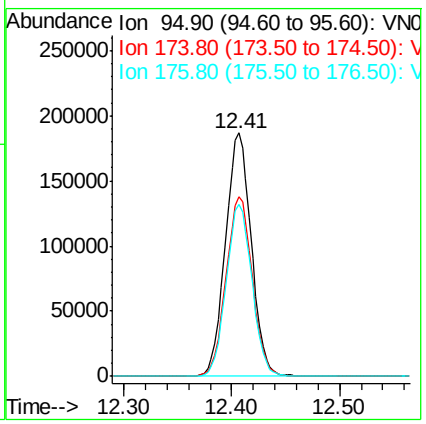


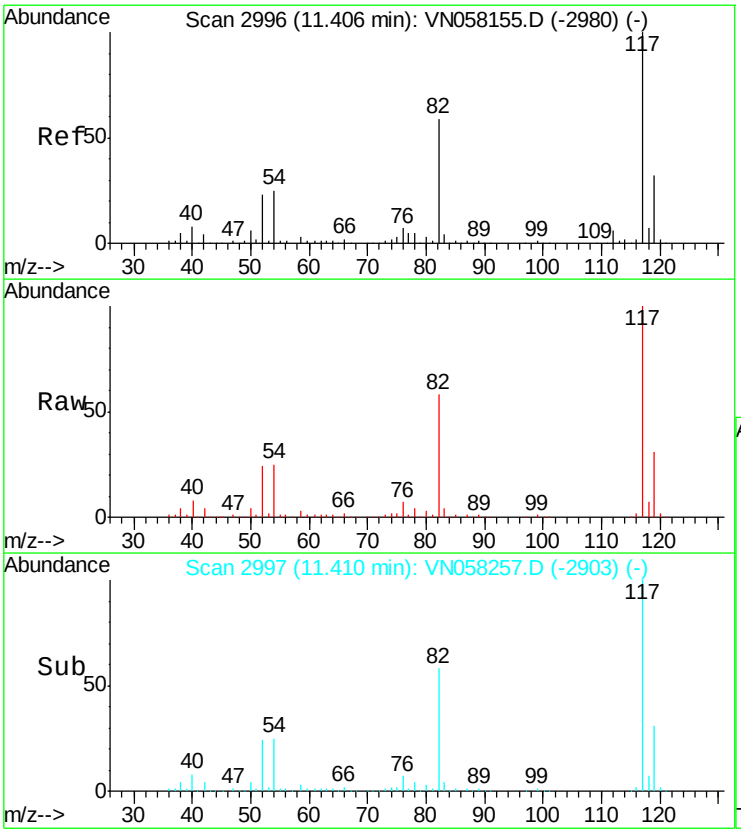
#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 95 Resp: 311833

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	152.2
176	70.6	0.0	148.0

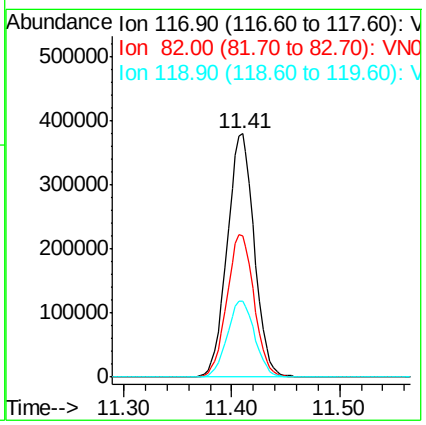


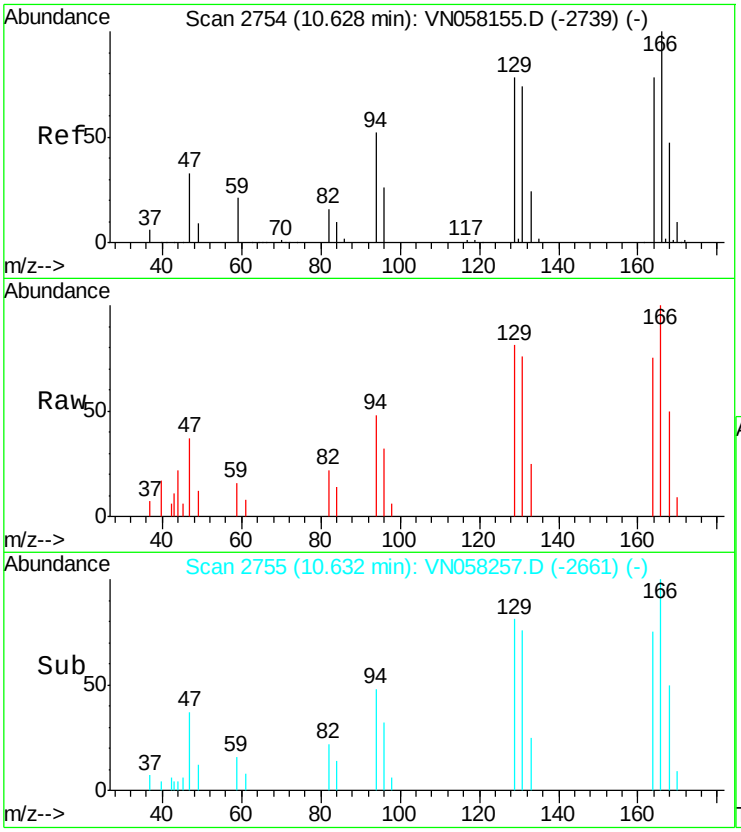


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion:117 Resp: 664324

Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.9	70.3
119	31.1	25.3	37.9



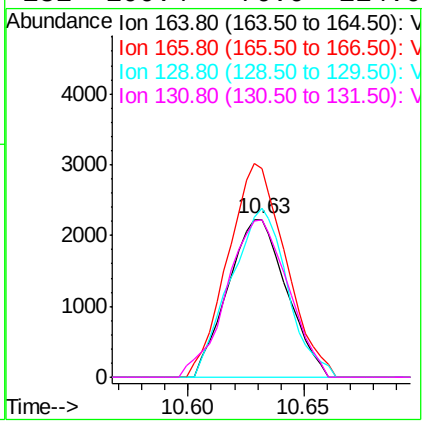


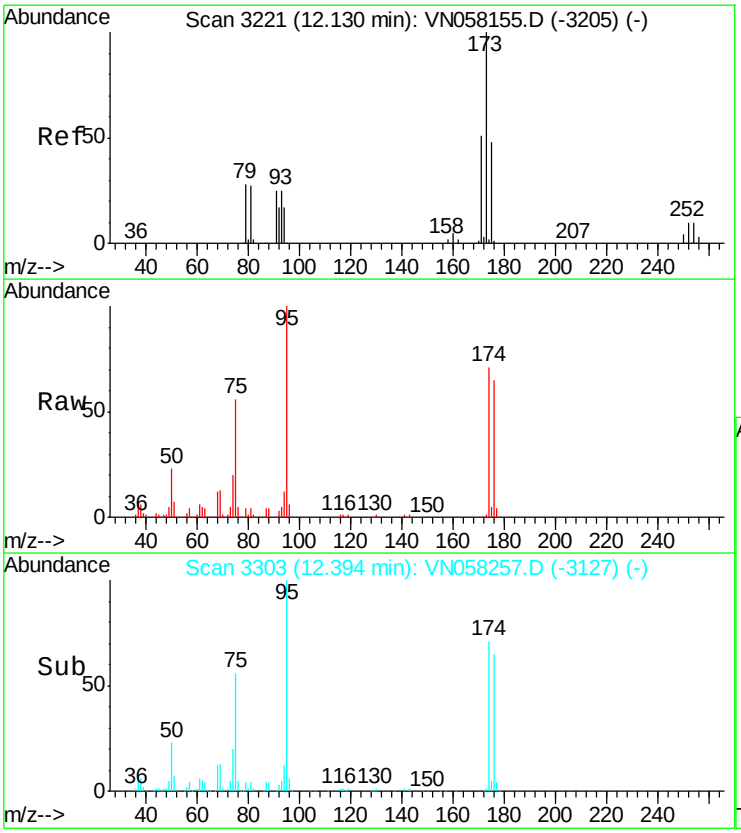
#64
Tetrachloroethene
Concen: 1.210 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion:164 Resp: 3917

Ion	Ratio	Lower	Upper
164	100		
166	132.6	102.2	153.4
129	107.3	79.6	119.4
131	100.4	76.0	114.0

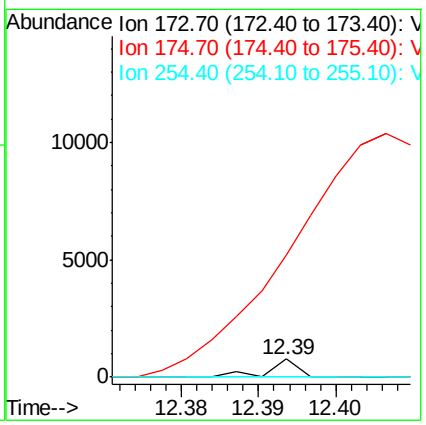


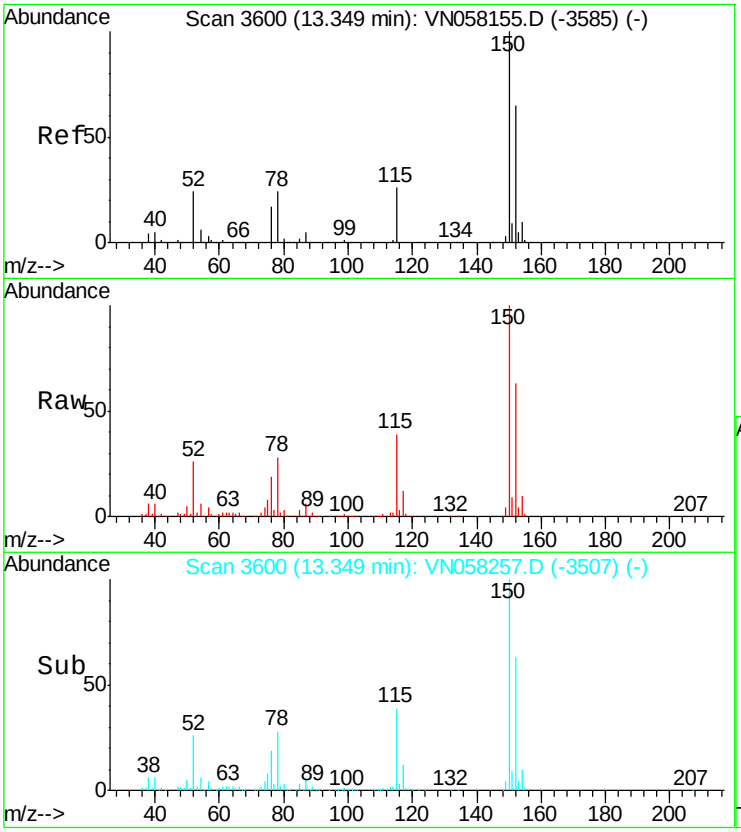


#71
Bromoform
Concen: 3.652 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion:173 Resp: 193

Ion	Ratio	Lower	Upper
173	100		
175	7516.1	24.2	72.6#
254	0.0	0.1	0.1#



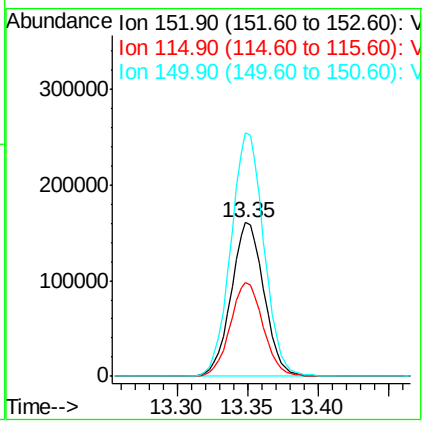


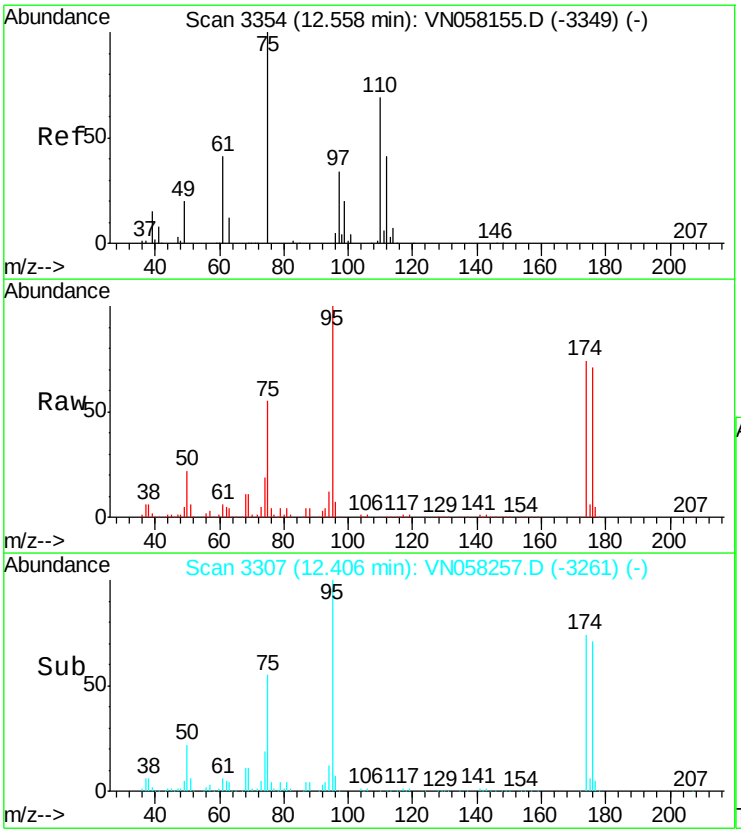
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion:152 Resp: 261839

Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.1	90.3
150	159.3	0.0	346.4

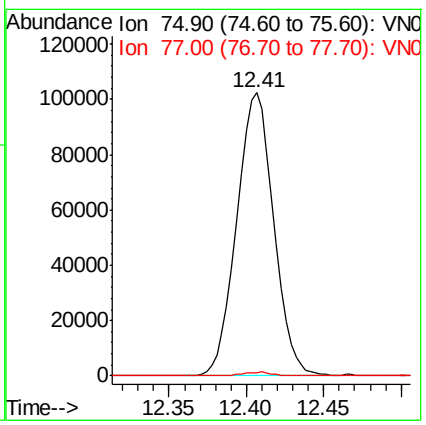


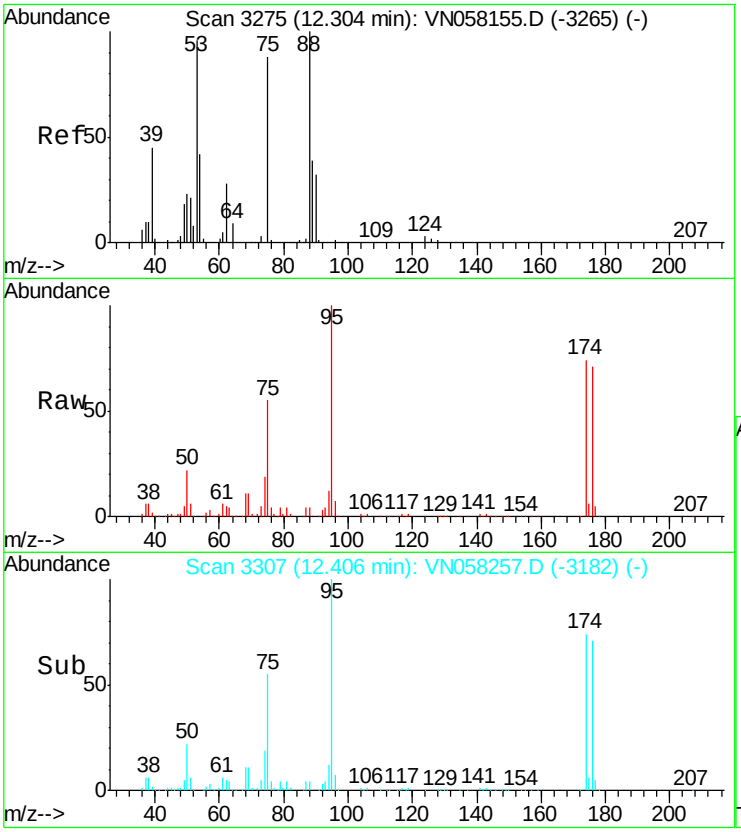


#76
1,2,3-Trichloropropane
Concen: 36.364 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Tgt Ion: 75 Resp: 170403

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.496 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058257.D
Acq: 20 Sep 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20190916DL

Tgt Ion: 75 Resp: 170403

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.1	135.1#
89	0.0	36.2	54.2#