Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
Data File : VN058250.D
Acq On : 20 Sep 2019 15:15
Operator : JC/SP
Sample : K4974-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DUP04-20190916

Quant Time: Sep 20 23:49:37 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	484345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	791192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	680170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	274968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	355233	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.32%			
35) Dibromofluoromethane	7.57	113	246381	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.44%			
50) Toluene-d8	10.08	98	1004090	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%			
62) 4-Bromofluorobenzene	12.41	95	321206	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.28%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	365	Below Cal	#	42
5) Bromomethane	2.56	94	165	0.814 ug/l	#	75
6) Chloroethane	2.63	64	29	Below Cal	#	44
7) Trichlorofluoromethane	3.00	101	1468	0.270 ug/l		86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	69033	17.630 ug/l		98
11) Tert butyl alcohol	4.75	59	446	0.556 ug/l	#	71
12) 1,1-Dichloroethene	3.72	96	1986	0.315 ug/l	#	77
13) Acrolein	3.60	56	109	0.917 ug/l	#	15
17) Carbon Disulfide	4.03	76	291	0.340 ug/l	#	74
18) Methyl Acetate	4.32	43	1351	0.224 ug/l	#	77
27) cis-1,2-Dichloroethene	6.81	96	10524	2.143 ug/l		89
31) Cyclohexane	7.65	56	12096	Below Cal	#	1
36) 1,1-Dichloropropene	7.65	75	42053	7.370 ug/l	#	46
38) Carbon Tetrachloride	7.65	117	50399	8.787 ug/l	#	15
39) Methylcyclohexane	8.82	83	8179	1.551 ug/l	#	1
41) Methacrylonitrile	7.10	41	32	0.921 ug/l	#	100
43) Isopropyl Acetate	8.20	43	3689	0.334 ug/l	#	57
44) Trichloroethene	8.82	130	610881	143.244 ug/l		99
49) 1,4-Dioxane	9.20	88	2078	25.207 ug/l	#	91
60) Dibromochloromethane	10.63	129	56479	12.113 ug/l	#	11
64) Tetrachloroethene	10.63	164	60091	18.123 ug/l		98
71) Bromoform	12.41	173	685	3.793 ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	175617	35.687 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	175617	99.715 ug/l	#	5

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

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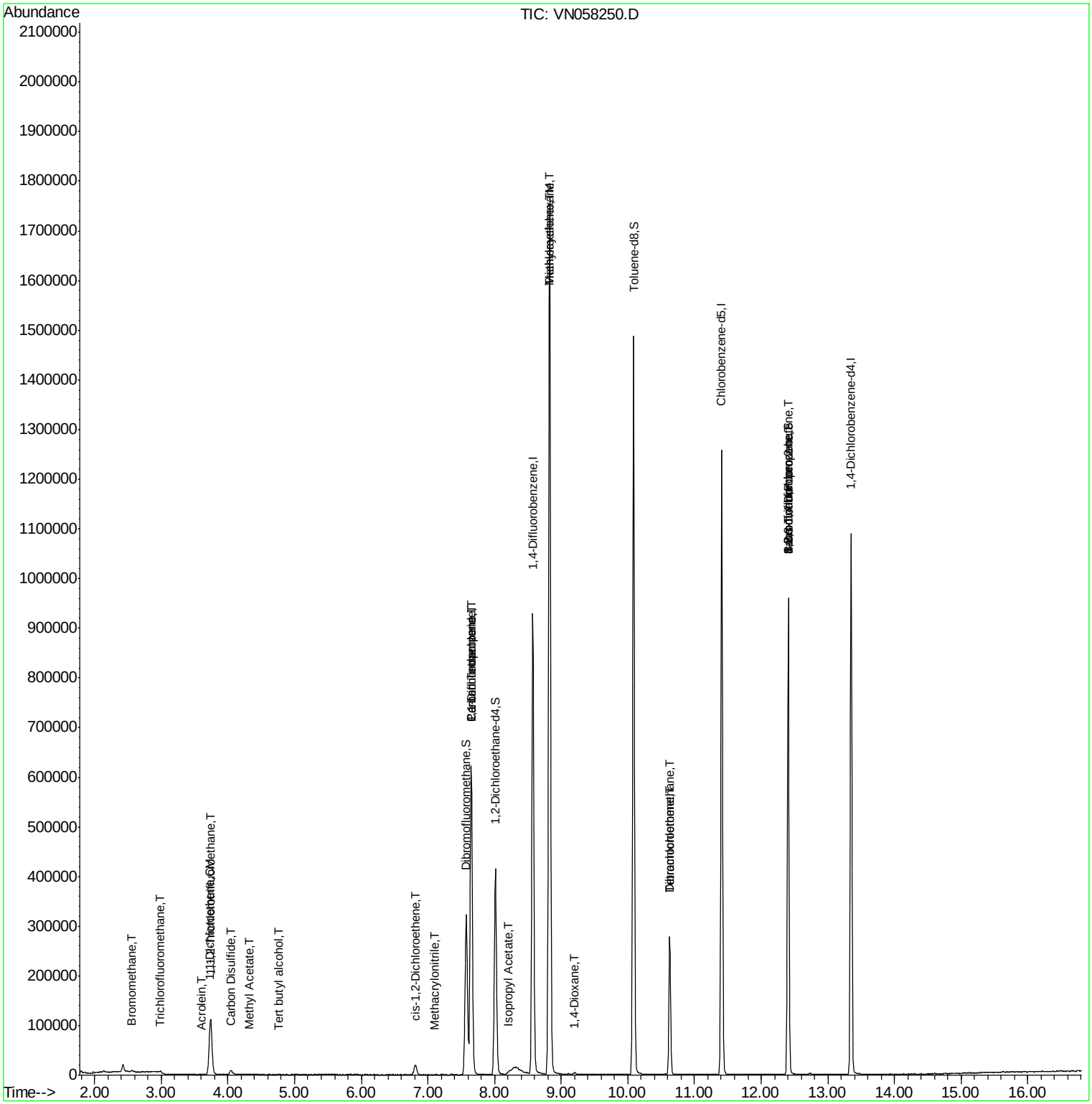
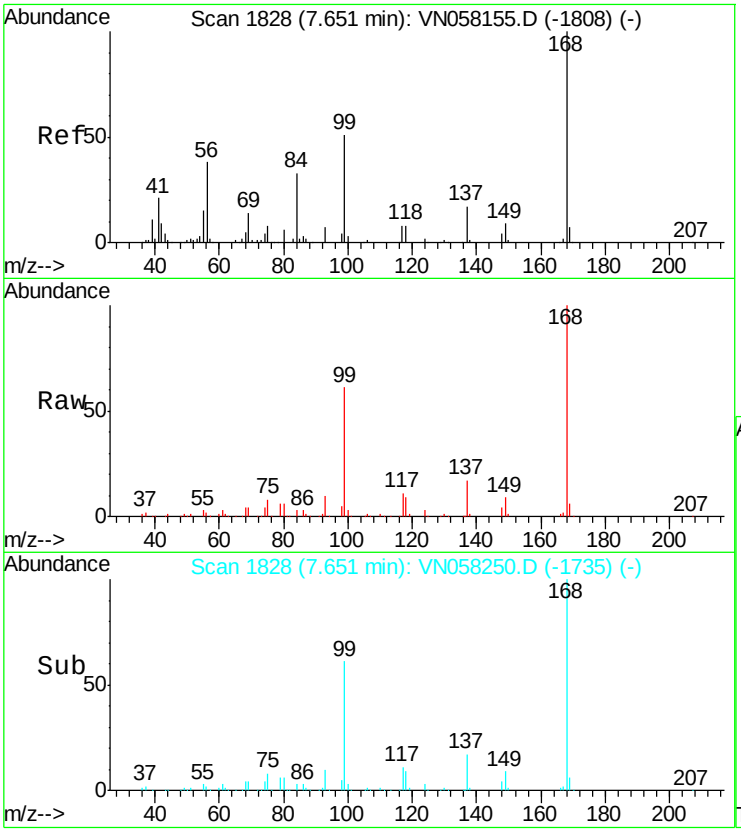


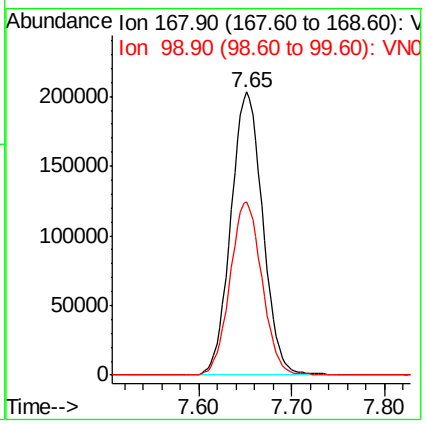


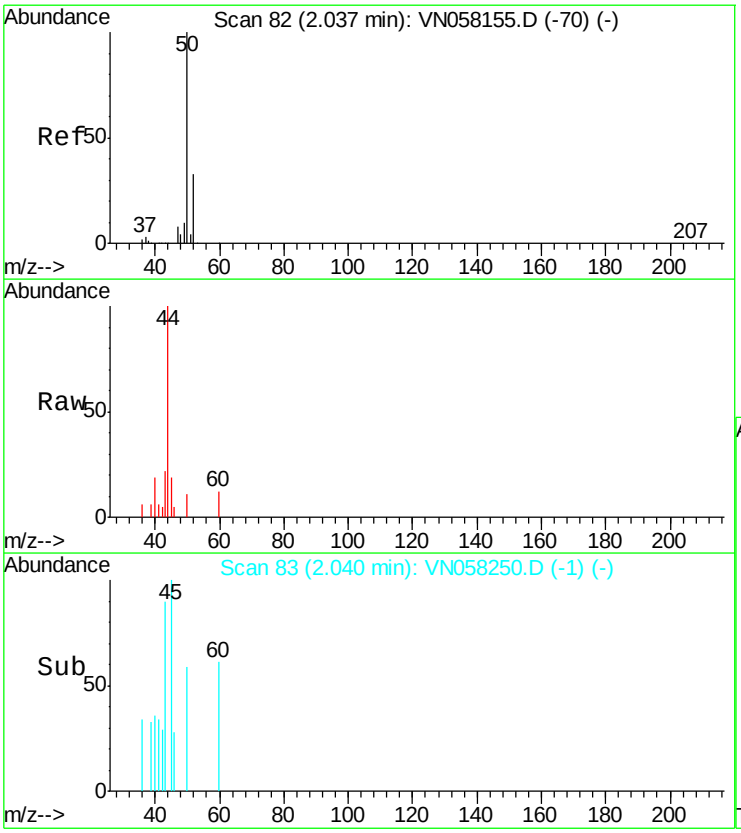
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion:168 Resp: 484345

Ion	Ratio	Lower	Upper
168	100		
99	61.2	47.4	71.2

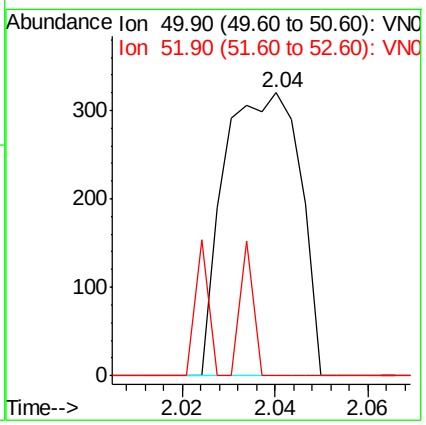


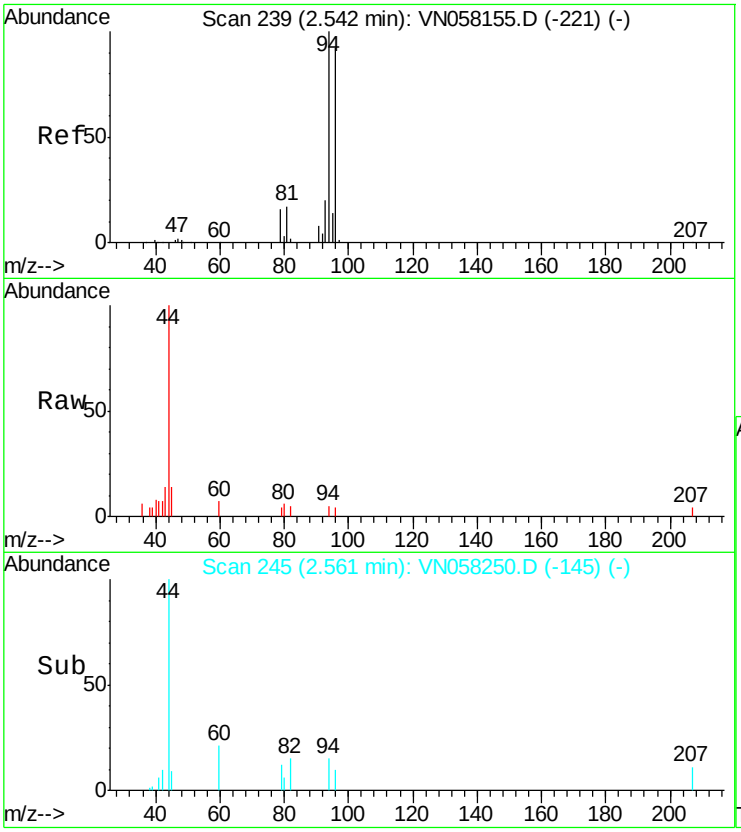


#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 83
Delta R.T. 0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 50 Resp: 365

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



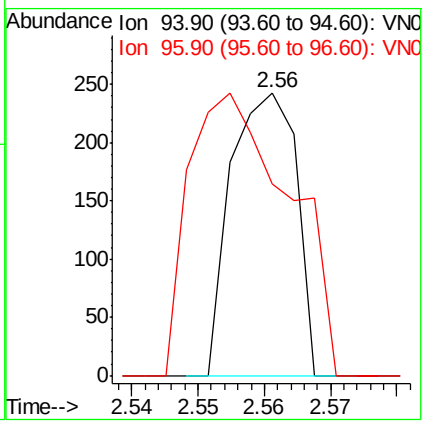


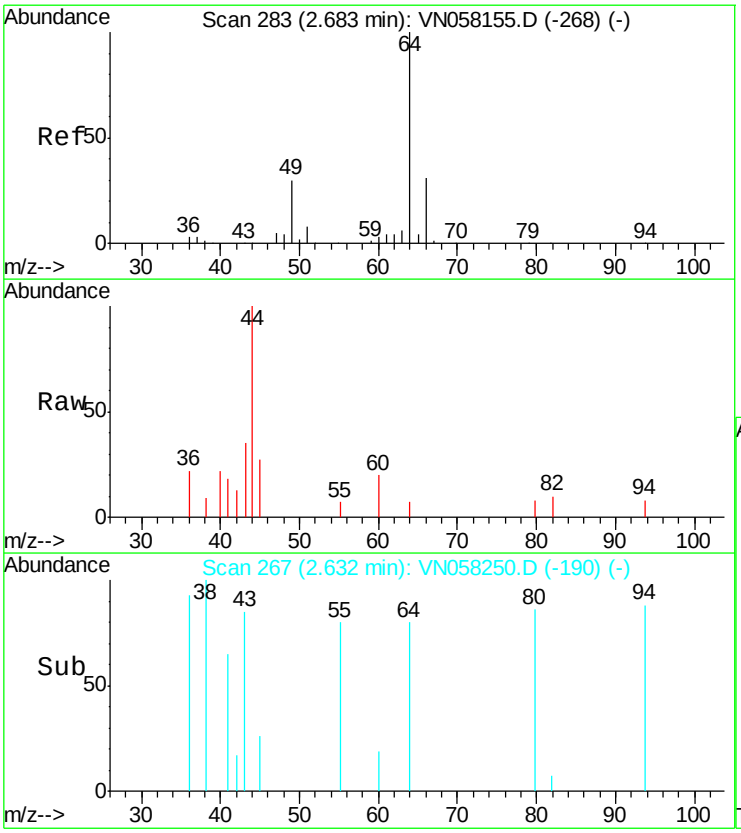
#5
Bromomethane
Concen: 0.814 ug/l
RT: 2.56 min Scan# 245
Delta R.T. 0.02 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument : MSVOA_N
ClientSampleId : DUP04-20190916

Tgt Ion: 94 Resp: 165

Ion	Ratio	Lower	Upper
94	100		
96	67.5	73.3	109.9#

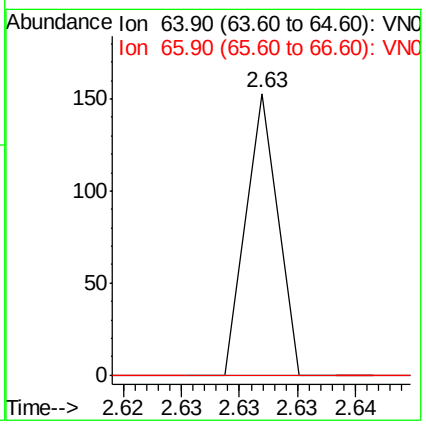


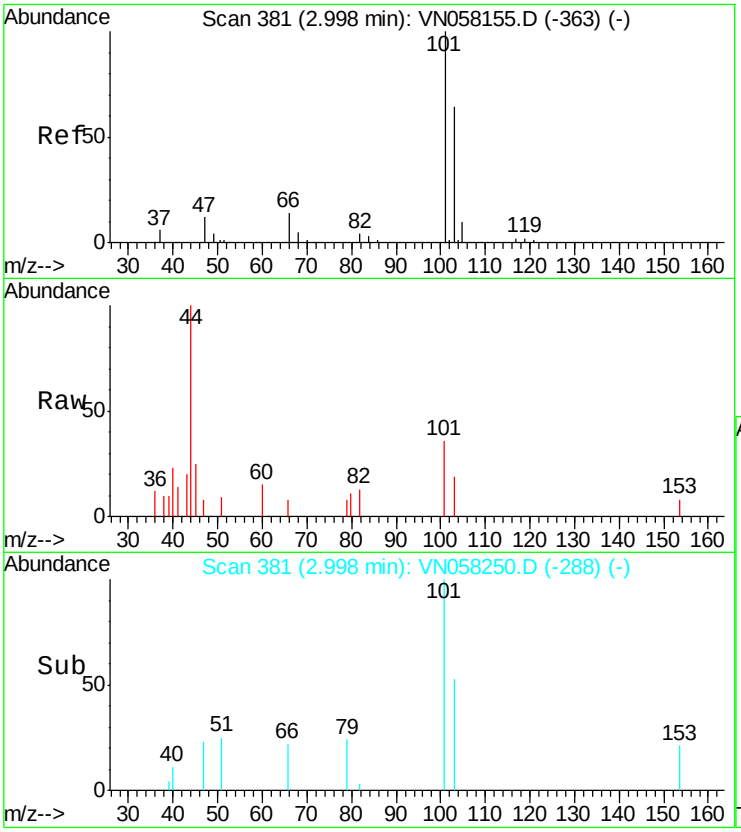


#6
Chloroethane
Concen: Below Cal
RT: 2.63 min Scan# 267
Delta R.T. -0.05 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 64 Resp: 29

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



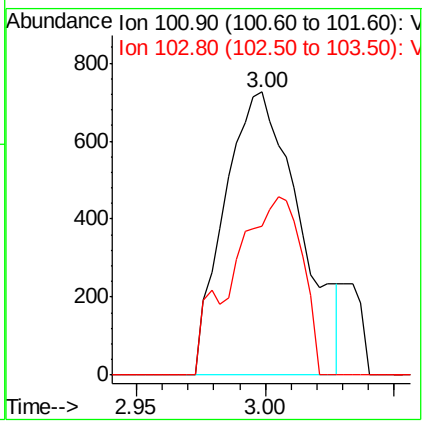


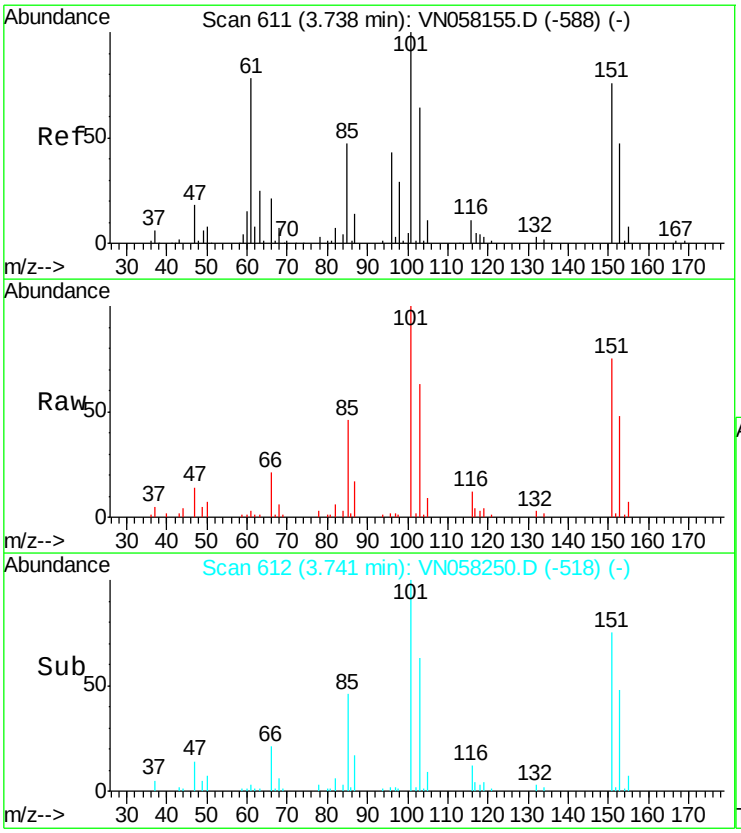
#7
Trichlorofluoromethane
Concen: 0.270 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion:101 Resp: 1468

Ion	Ratio	Lower	Upper
101	100		
103	52.8	51.0	76.6

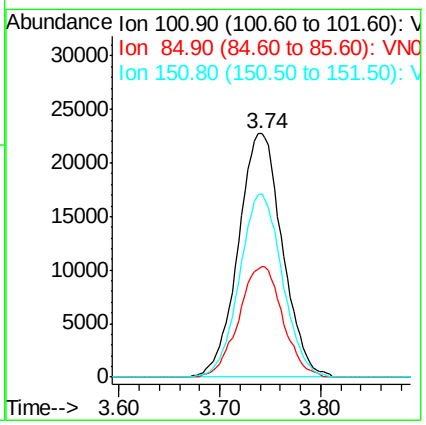


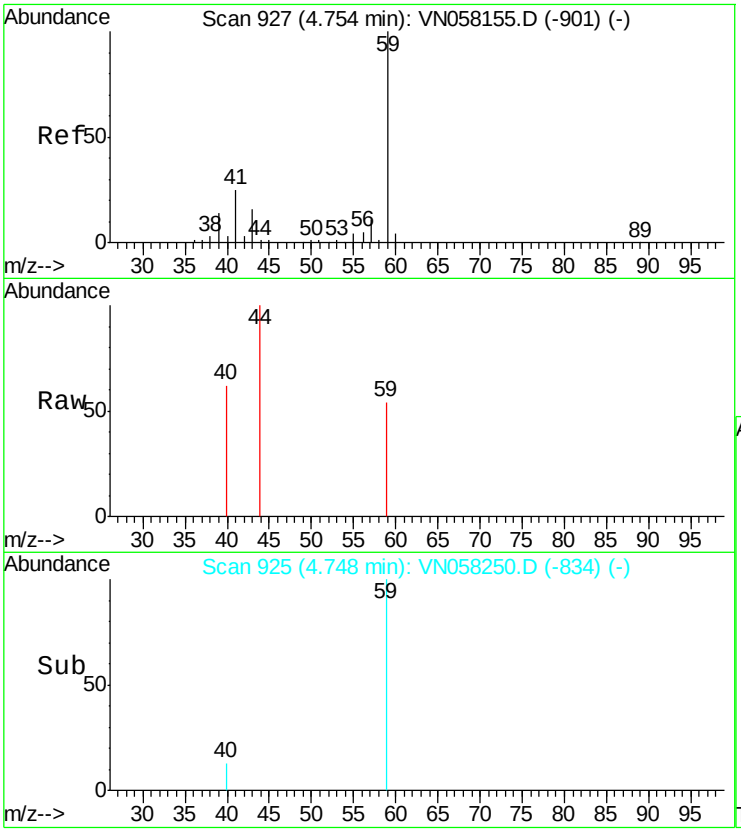


#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.630 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion:101 Resp: 69033

Ion	Ratio	Lower	Upper
101	100		
85	45.2	37.3	55.9
151	73.0	59.6	89.4



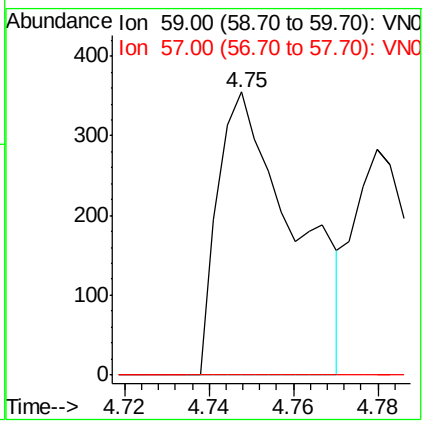


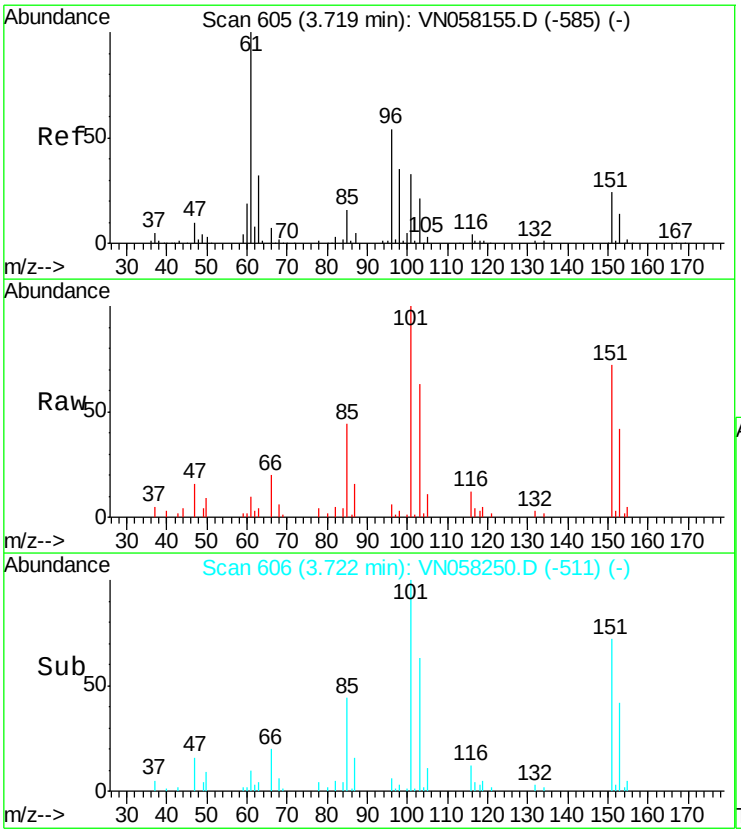
#11
Tert butyl alcohol
Concen: 0.556 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion: 59 Resp: 446

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

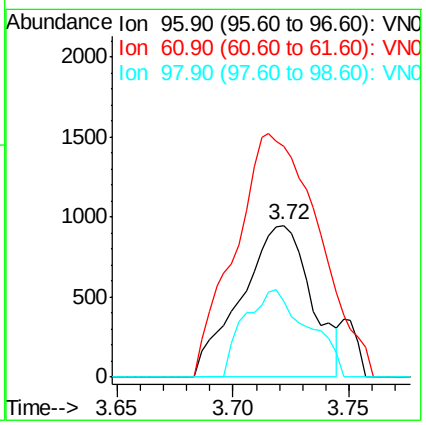


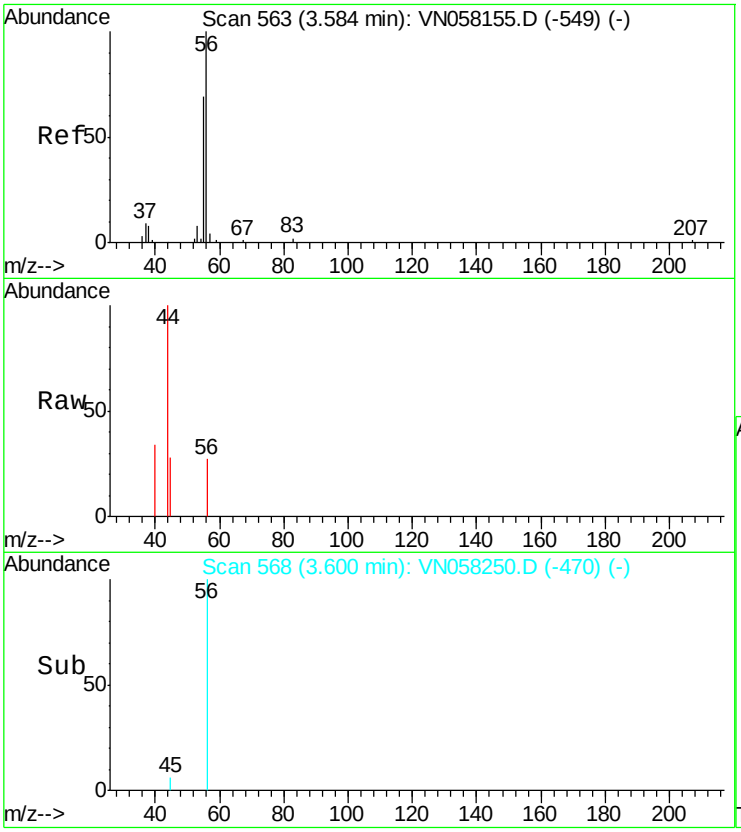


#12
1,1-Dichloroethene
Concen: 0.315 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 96 Resp: 1986

Ion	Ratio	Lower	Upper
96	100		
61	151.6	149.5	224.3
98	49.7	52.4	78.6#



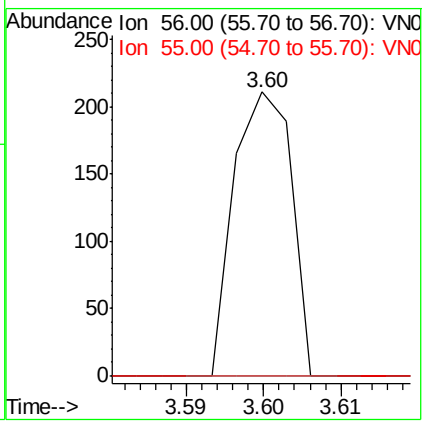


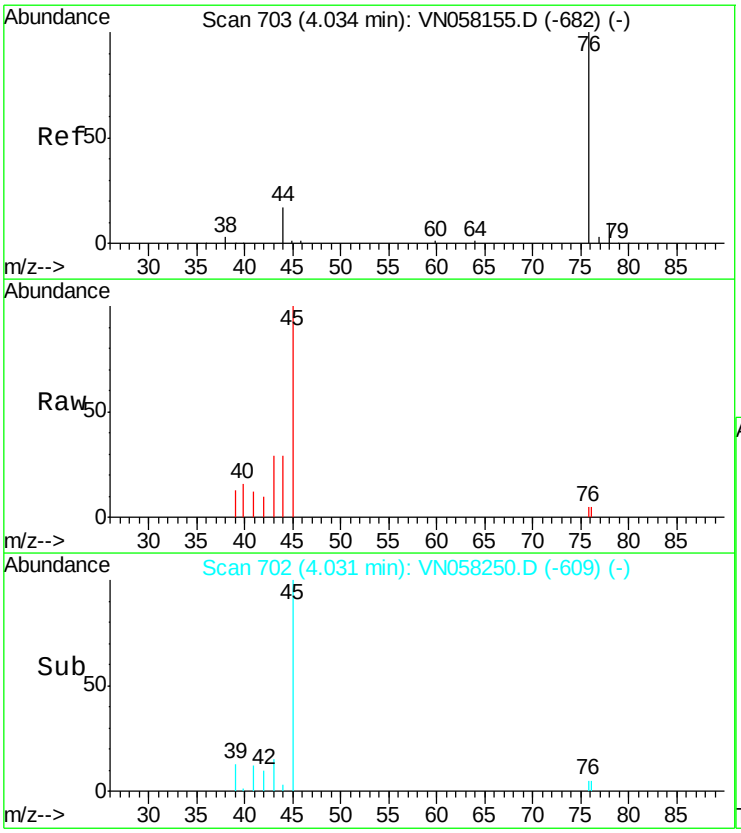
#13
Acrolein
Concen: 0.917 ug/l
RT: 3.60 min Scan# 568
Delta R.T. 0.02 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument : MSVOA_N
ClientSampleId : DUP04-20190916

Tgt Ion: 56 Resp: 109

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.1	84.1#

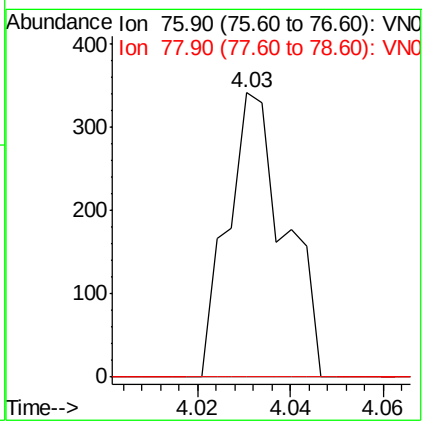


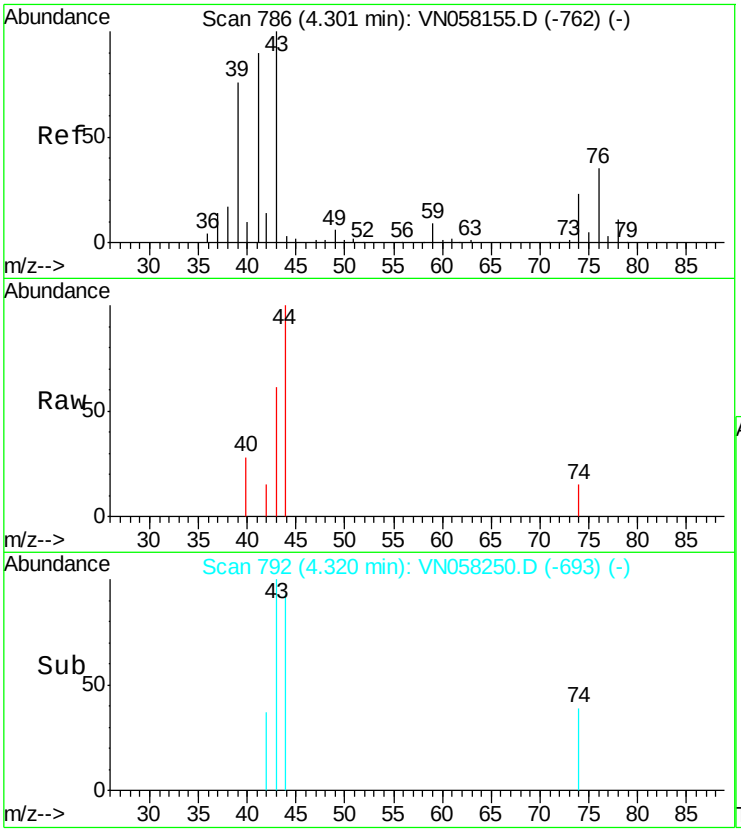


#17
Carbon Disulfide
Concen: 0.340 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 76 Resp: 291

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.7	11.5#



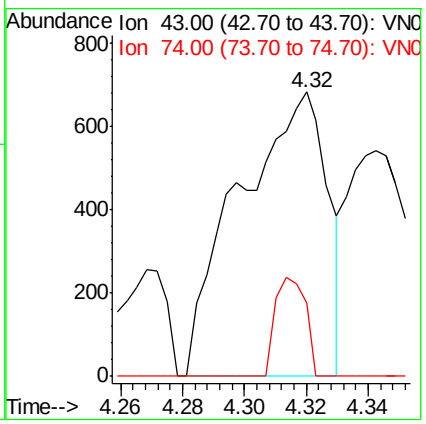


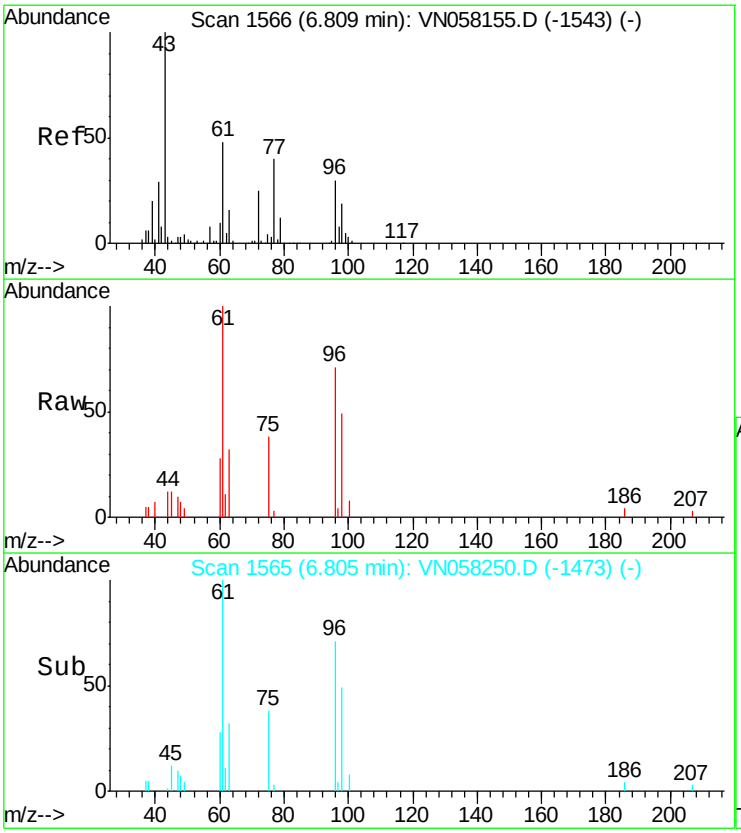
#18
Methyl Acetate
Concen: 0.224 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion: 43 Resp: 1351

Ion	Ratio	Lower	Upper
43	100		
74	11.6	18.0	27.0#

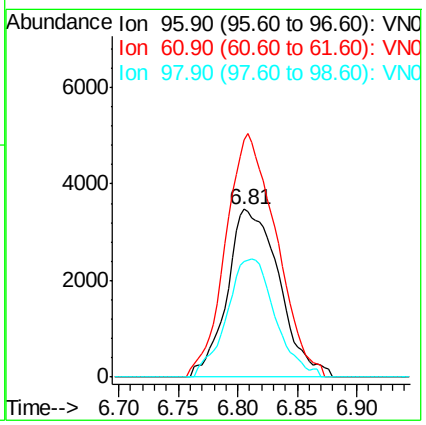


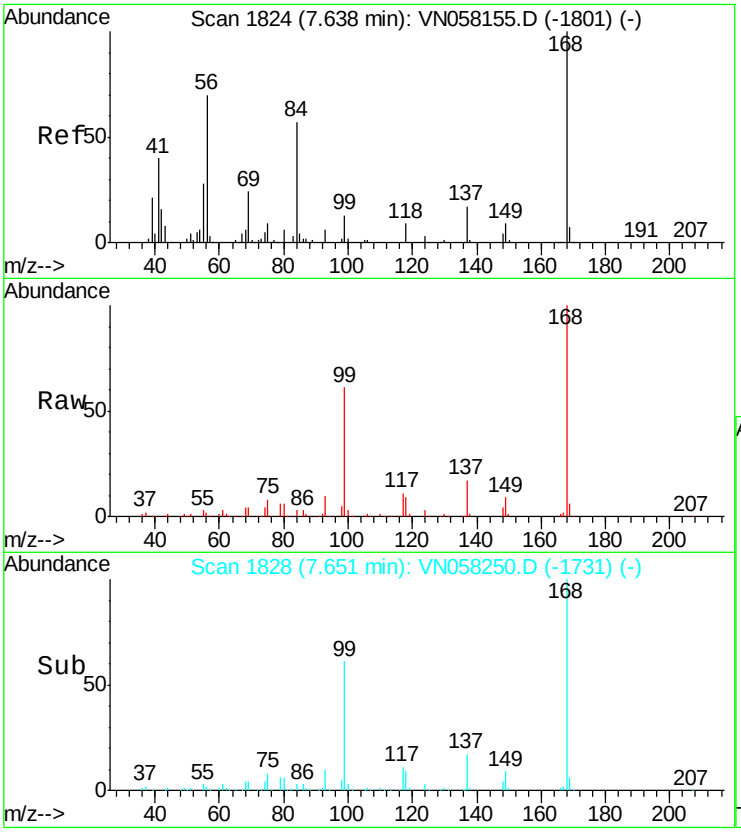


#27
cis-1,2-Dichloroethene
Concen: 2.143 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 96 Resp: 10524

Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	319.0
98	65.5	0.0	126.6



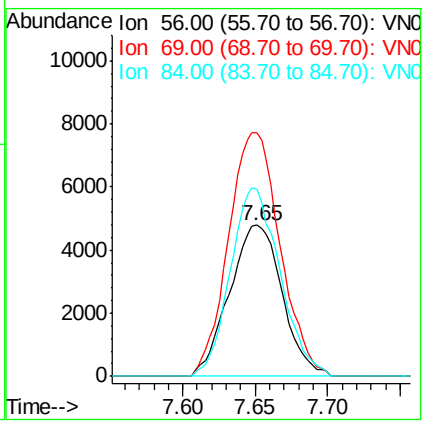


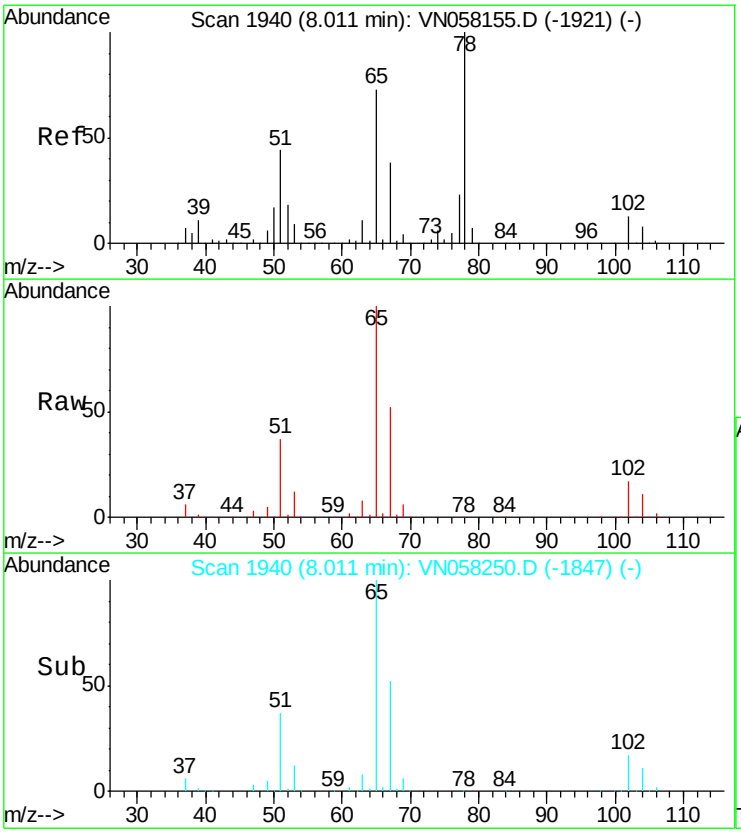
#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument : MSVOA_N
ClientSampleId : DUP04-20190916

Tgt Ion: 56 Resp: 12096

Ion	Ratio	Lower	Upper
56	100		
69	160.8	27.3	40.9#
84	123.8	65.0	97.4#

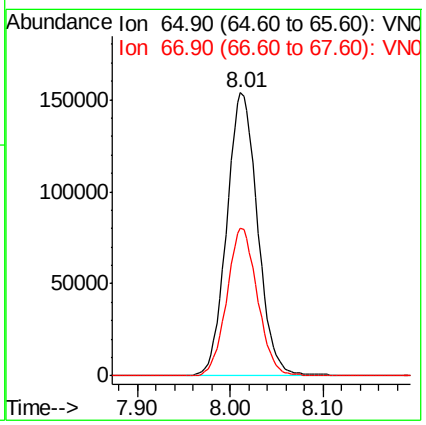


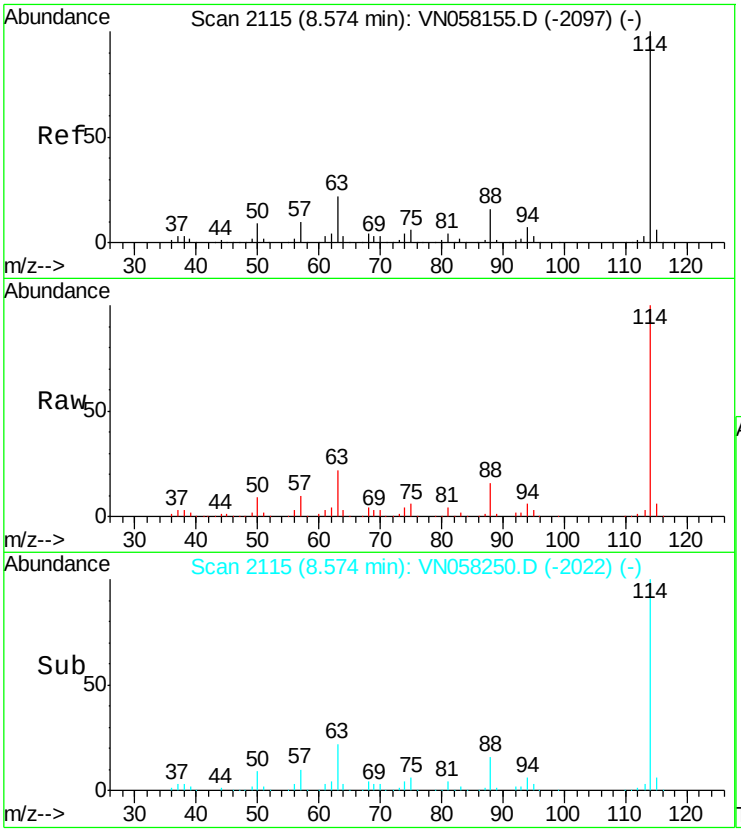


#33
1,2-Dichloroethane-d4
Concen: 52.659 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 65 Resp: 355233

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.4



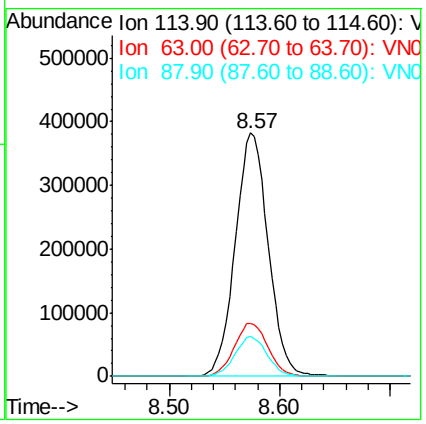


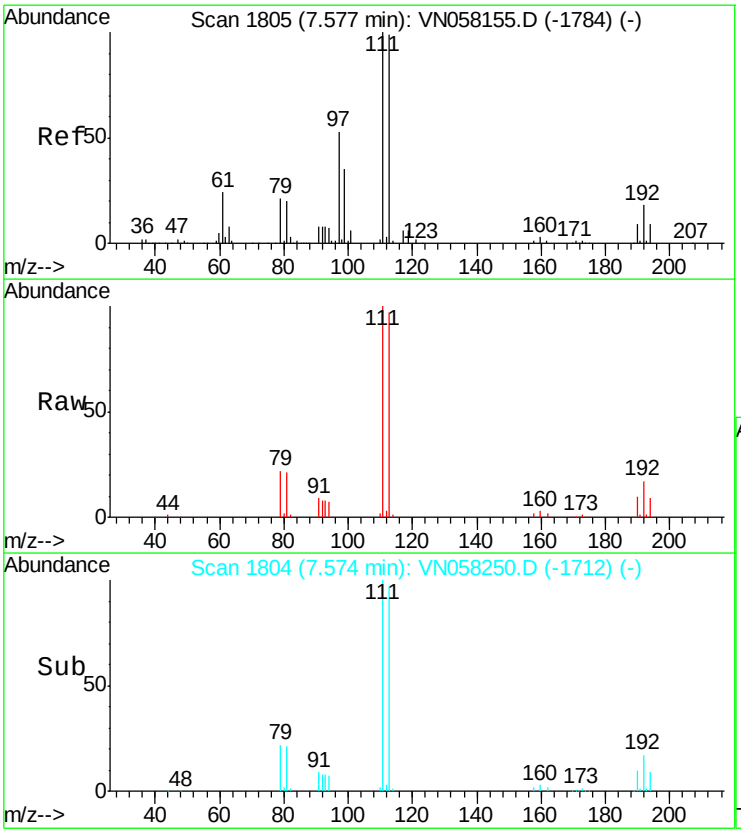
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion:114 Resp: 791192

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.2
88	16.2	0.0	31.6

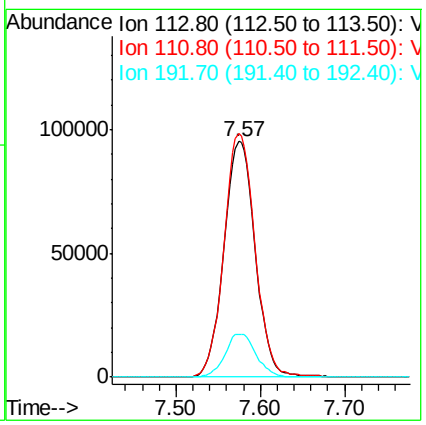


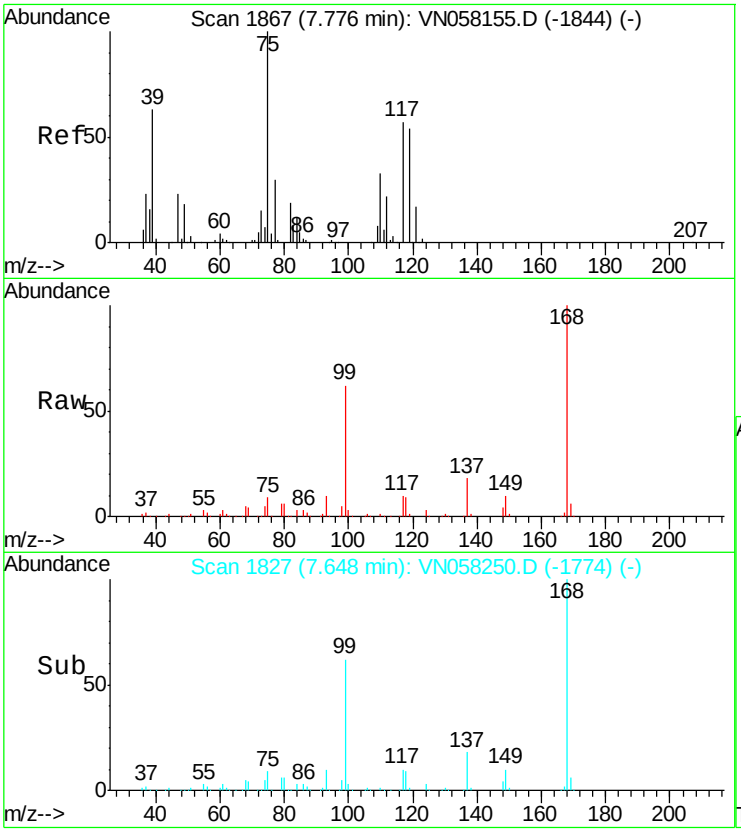


#35
Dibromofluoromethane
Concen: 51.225 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion:113 Resp: 246381

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	18.2	14.5	21.7



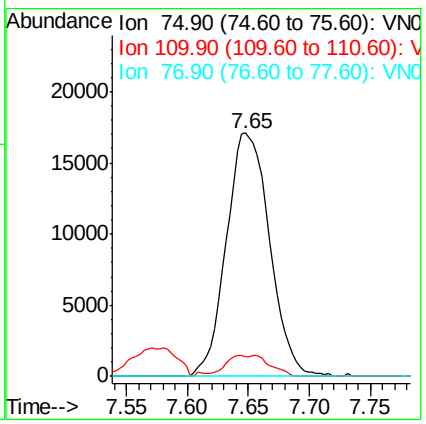


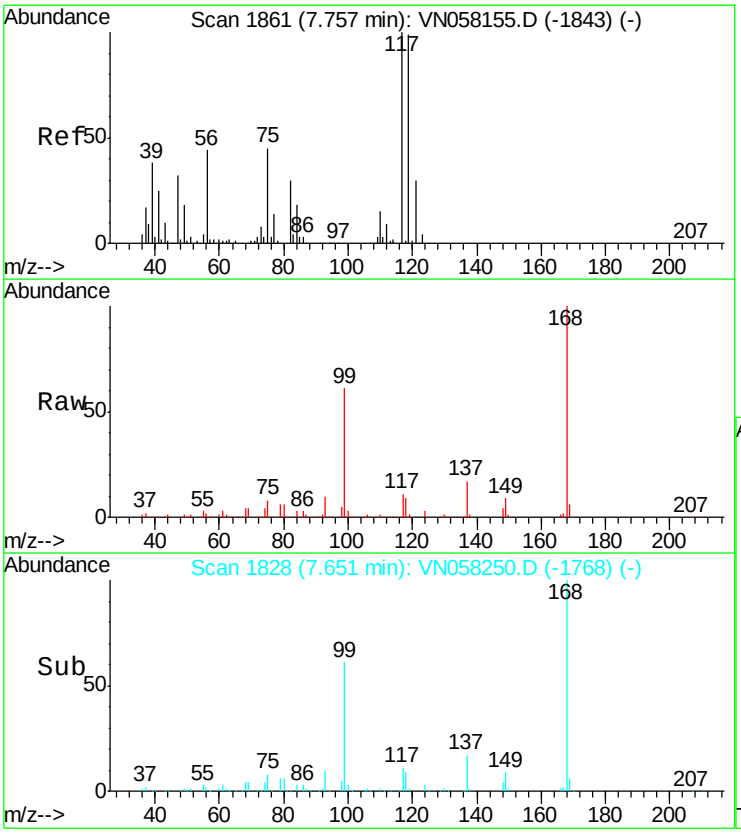
#36
1,1-Dichloropropene
Concen: 7.370 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion: 75 Resp: 42053

Ion	Ratio	Lower	Upper
75	100		
110	3.9	16.6	49.7#
77	0.0	24.3	36.5#

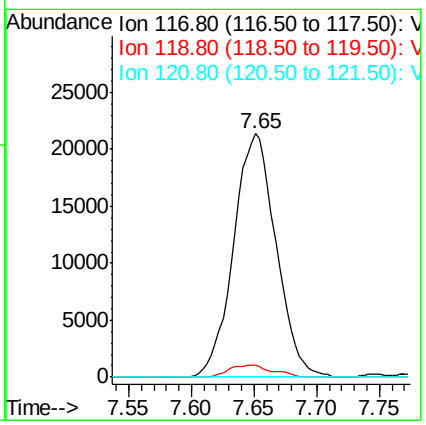


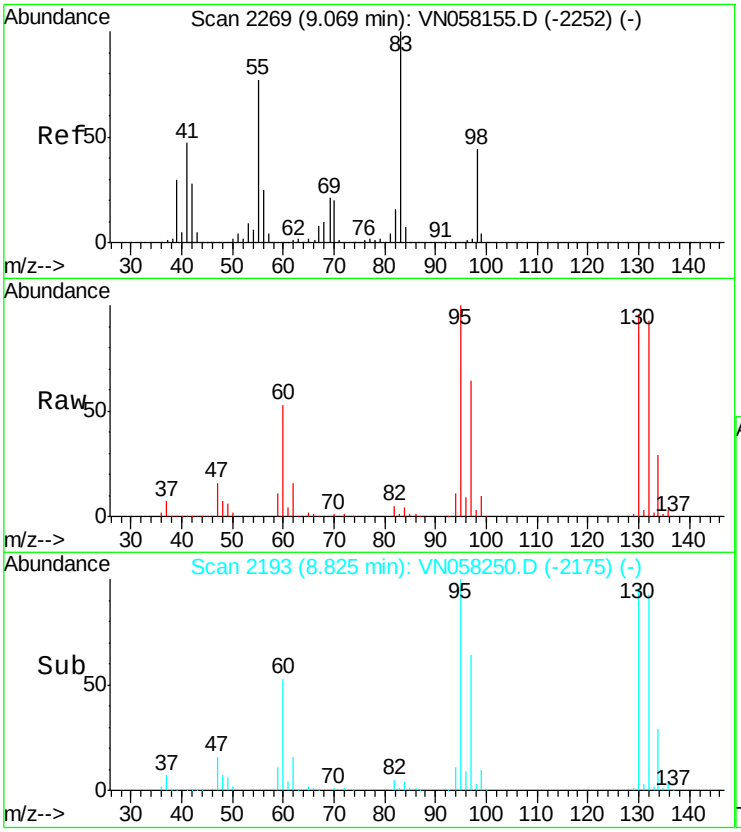


#38
Carbon Tetrachloride
Concen: 8.787 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion:117 Resp: 50399

Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.6	117.8#
121	0.0	24.1	36.1#



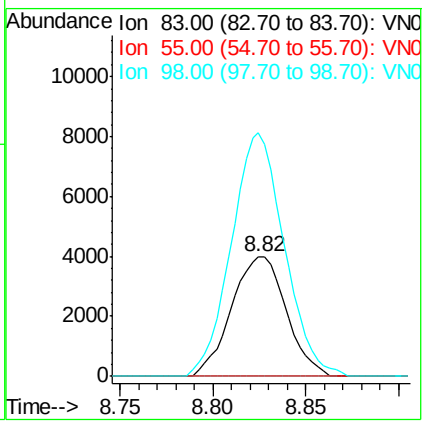


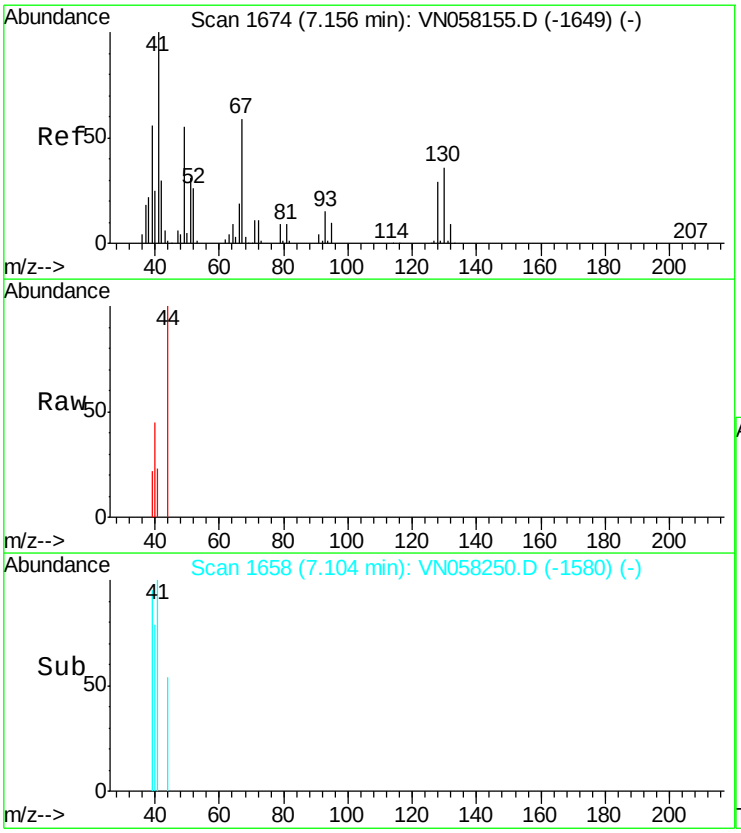
#39
Methylcyclohexane
Concen: 1.551 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.24 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion: 83 Resp: 8179

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	202.9	35.4	53.2#

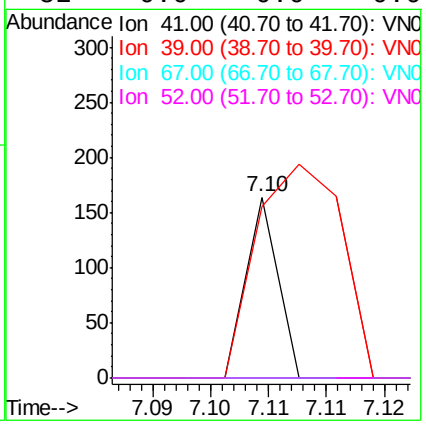


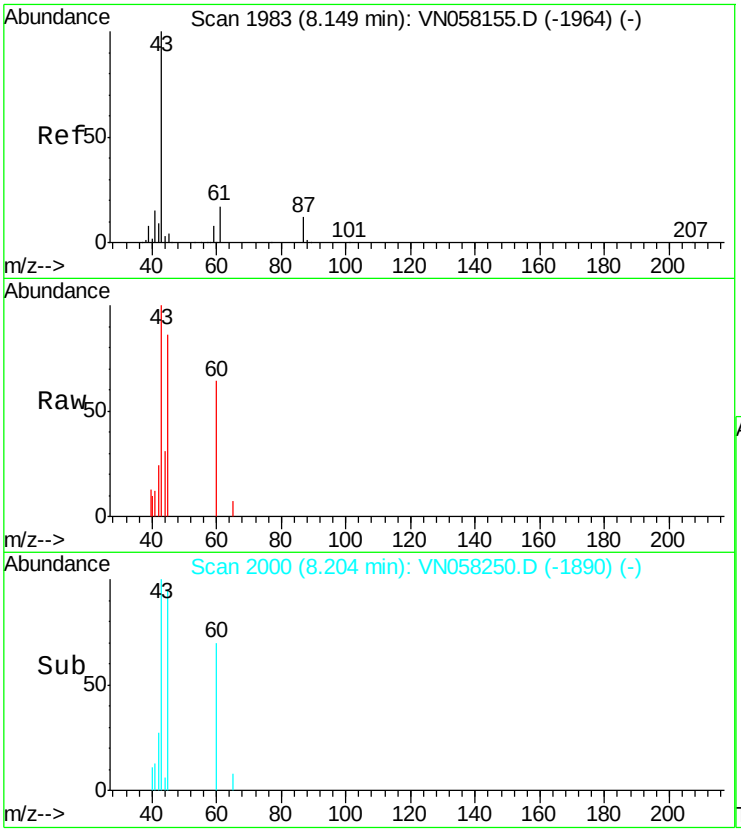


#41
Methacrylonitrile
Concen: 0.921 ug/l
RT: 7.10 min Scan# 1658
Delta R.T. -0.05 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 41 Resp: 32

Ion	Ratio	Lower	Upper
41	100		
39	309.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



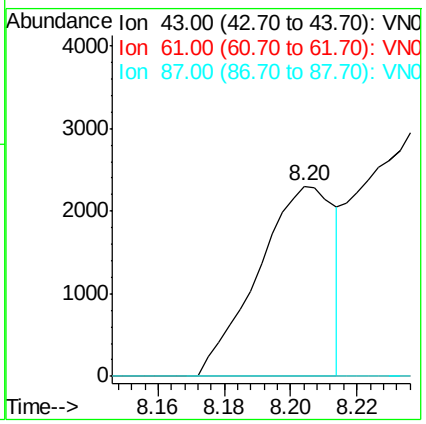


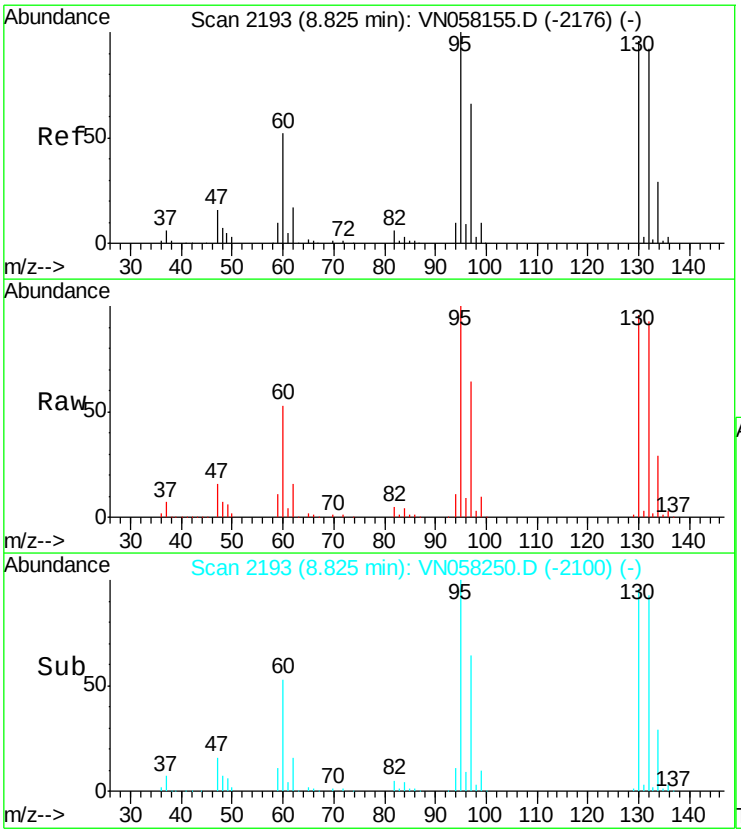
#43
Isopropyl Acetate
Concen: 0.334 ug/l
RT: 8.20 min Scan# 2000
Delta R.T. 0.05 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument : MSVOA_N
ClientSampleId : DUP04-20190916

Tgt Ion: 43 Resp: 3689

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

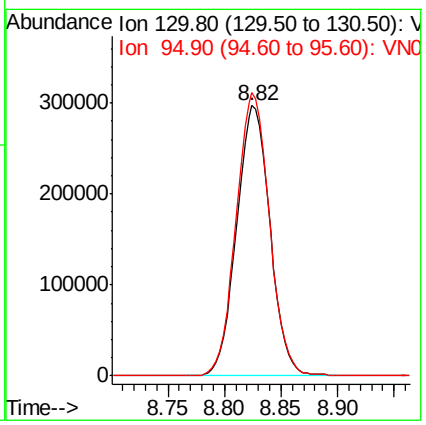


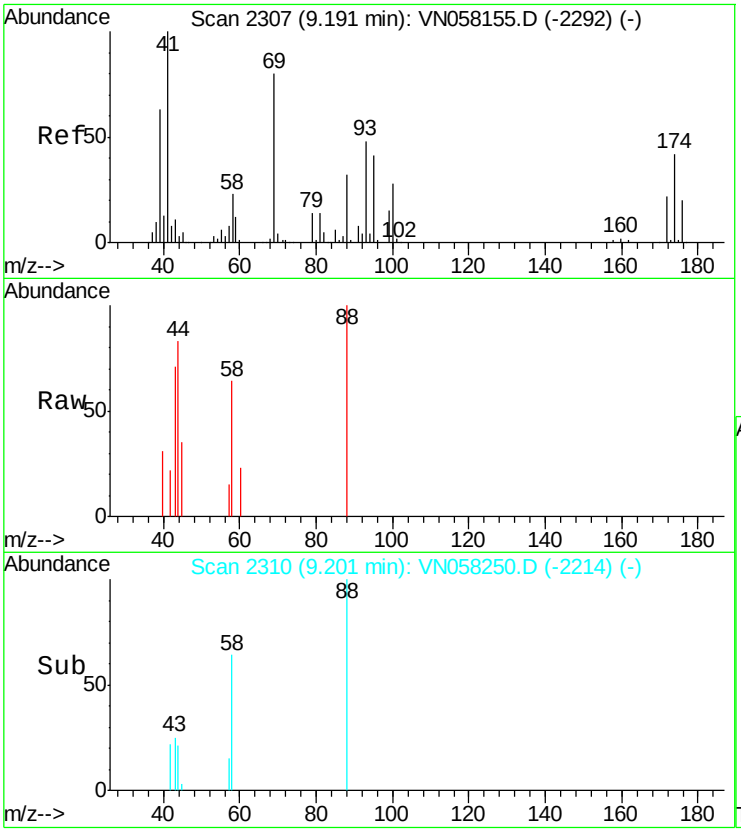


#44
Trichloroethene
Concen: 143.244 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion:130 Resp: 610881

Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	207.8



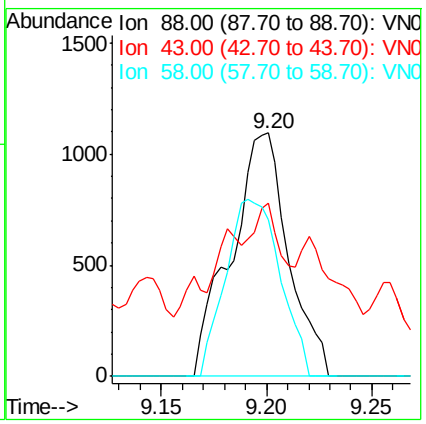


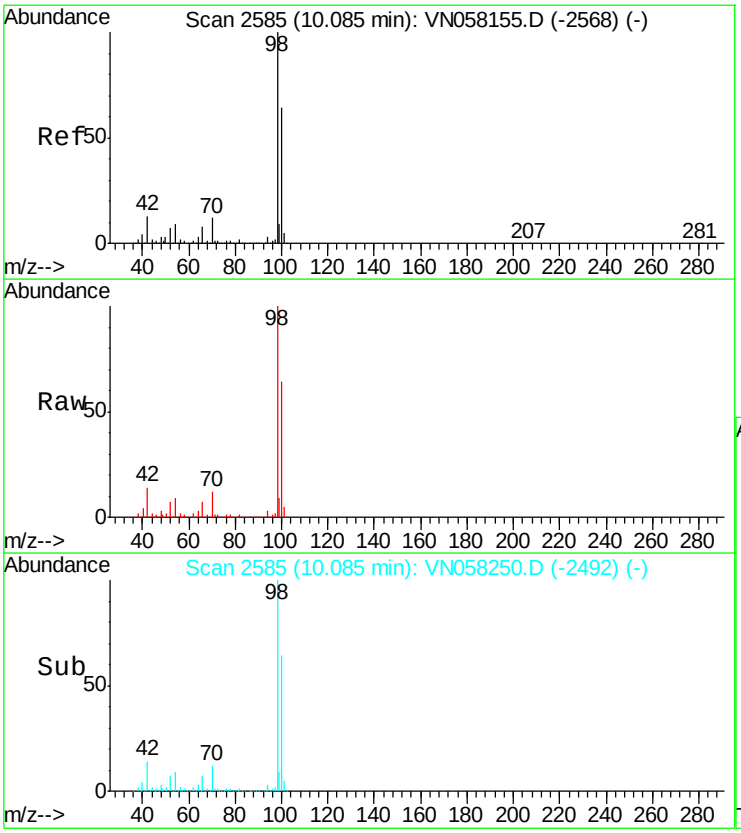
#49
1,4-Dioxane
Concen: 25.207 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.01 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion: 88 Resp: 2078

Ion	Ratio	Lower	Upper
88	100		
43	20.2	27.8	41.8#
58	68.7	55.0	82.4

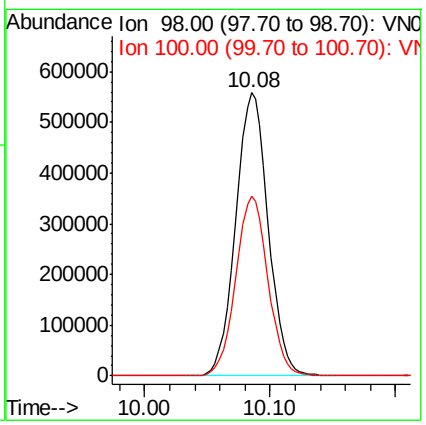


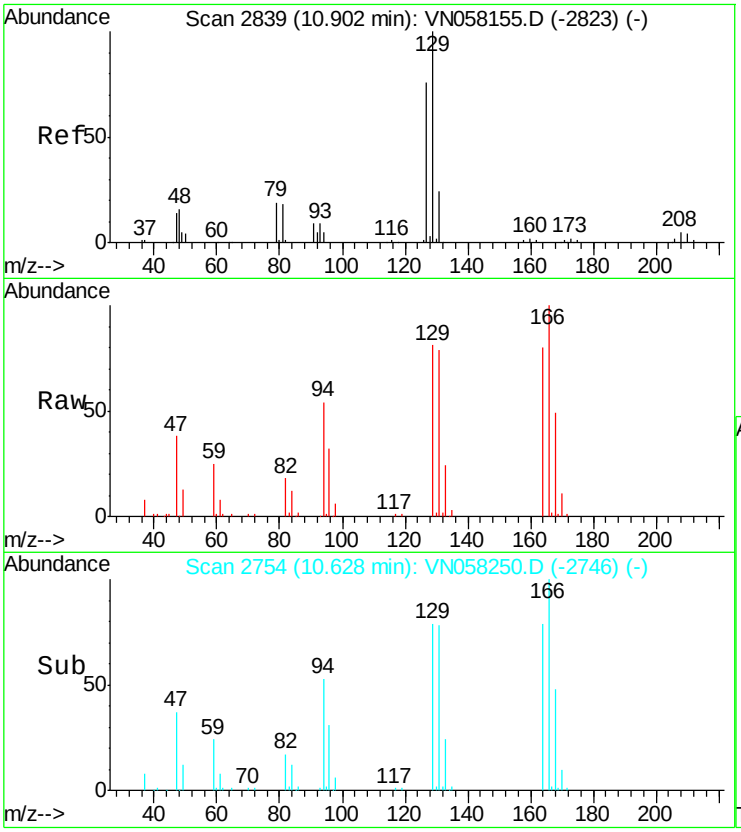


#50
Toluene-d8
Concen: 53.580 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 98 Resp: 1004090

Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.1	76.7



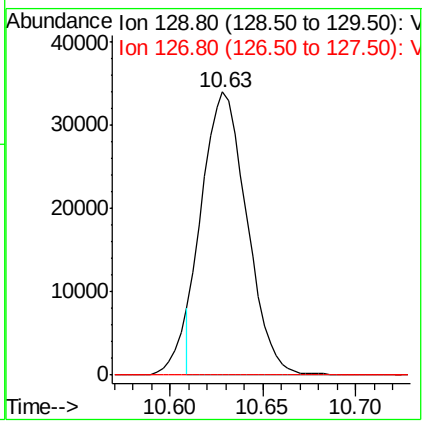


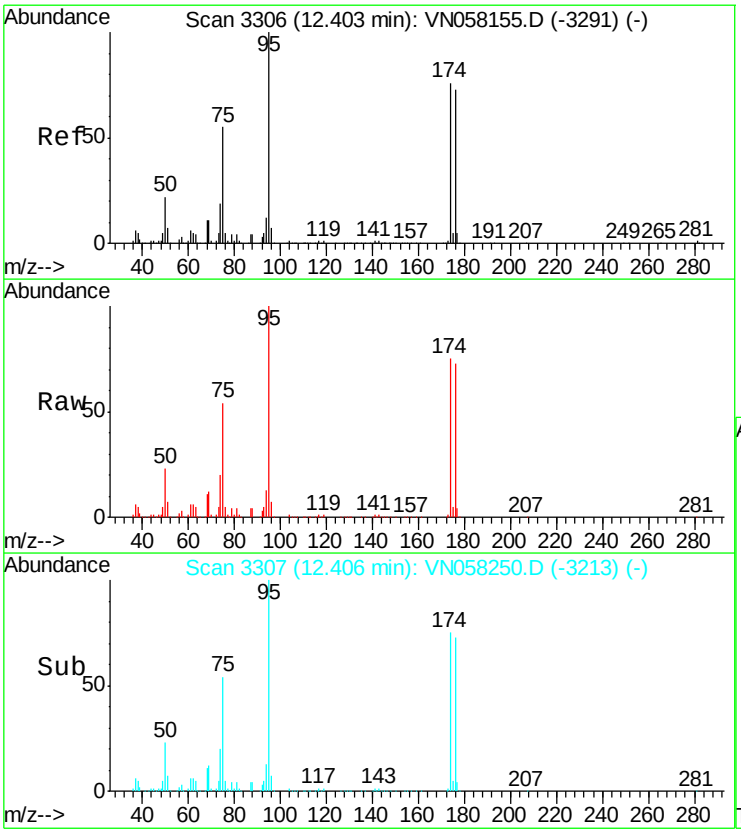
#60
Dibromochloromethane
Concen: 12.113 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument : MSVOA_N
ClientSampleId : DUP04-20190916

Tgt Ion:129 Resp: 56479

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.7	116.1#

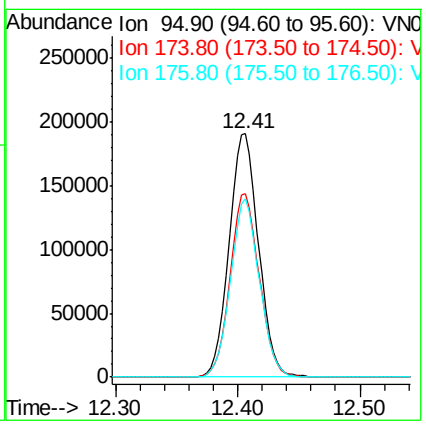


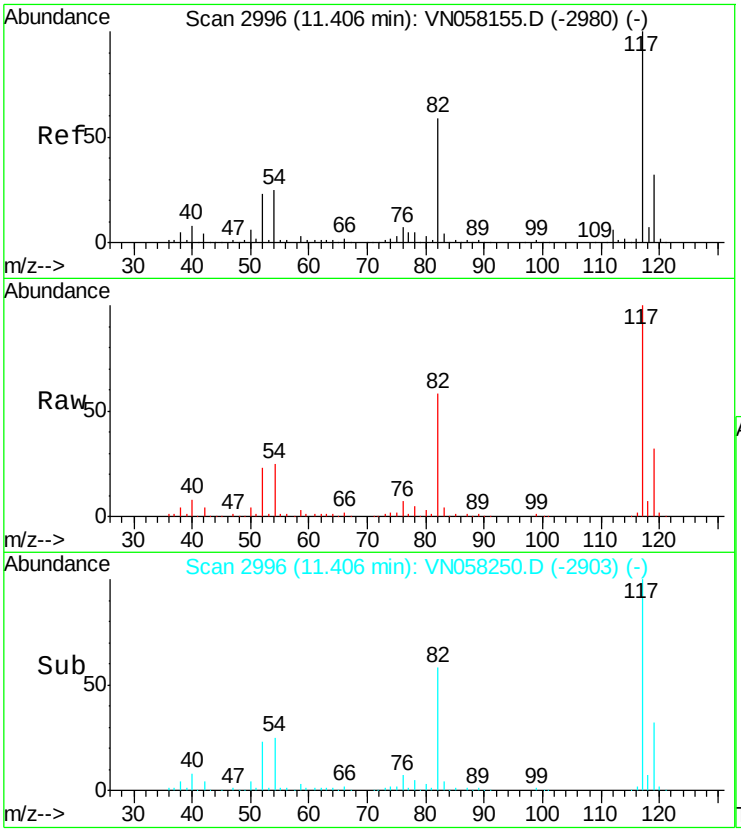


#62
4-Bromofluorobenzene
Concen: 46.142 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 95 Resp: 321206

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	152.2
176	71.6	0.0	148.0



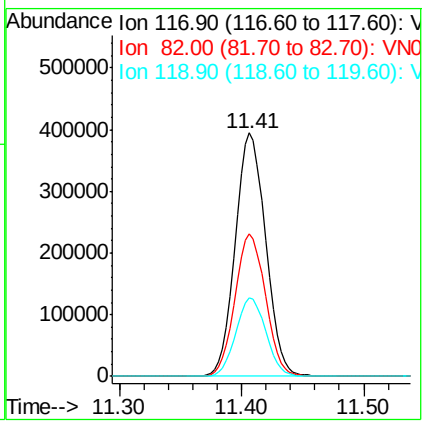


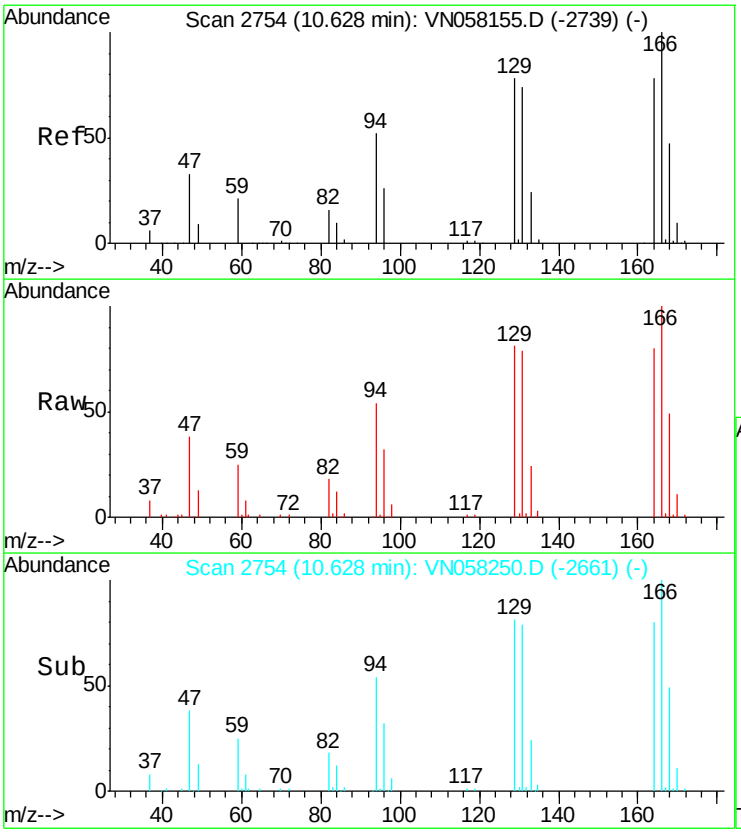
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion:117 Resp: 680170

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.9	70.3
119	32.0	25.3	37.9

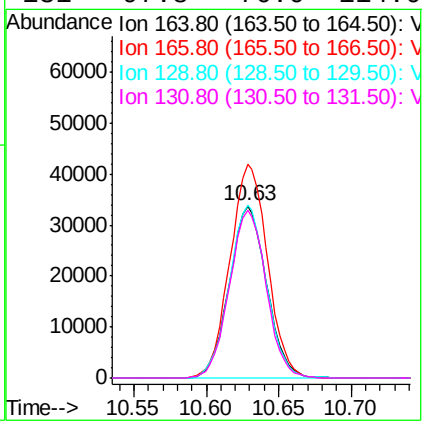


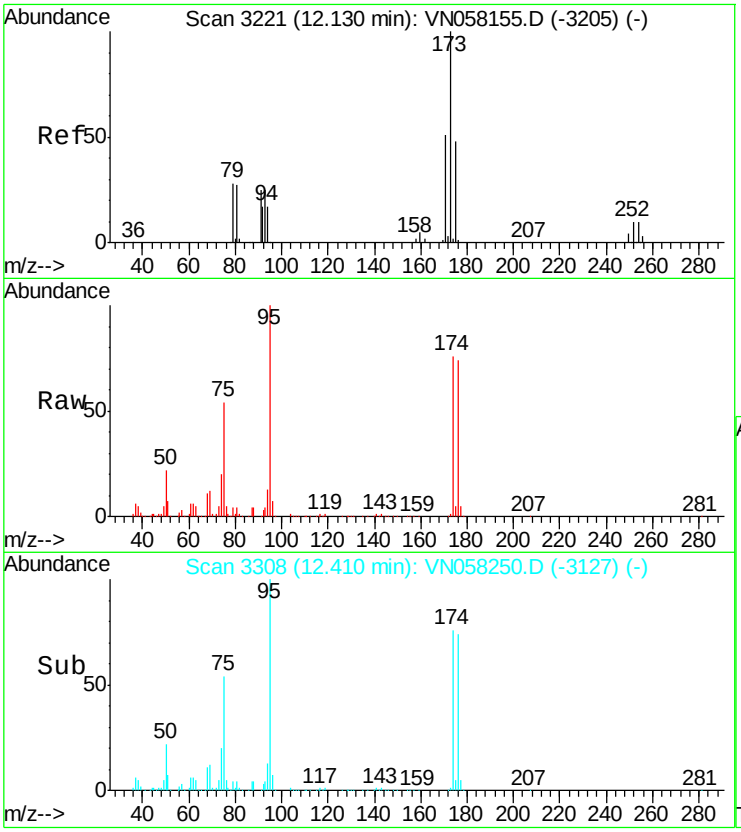


#64
Tetrachloroethene
Concen: 18.123 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion:164 Resp: 60091

Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.2	153.4
129	100.6	79.6	119.4
131	97.8	76.0	114.0



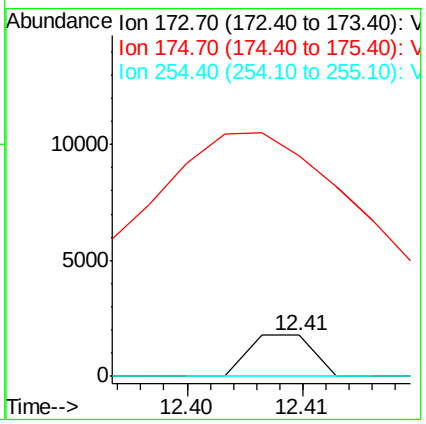


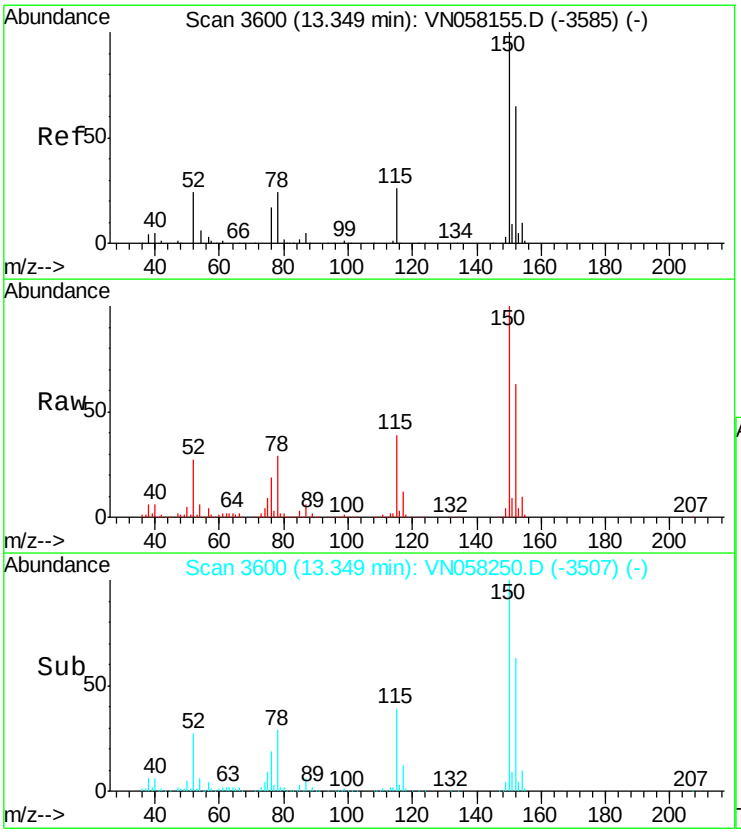
#71
Bromoform
Concen: 3.793 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion:173 Resp: 685

Ion	Ratio	Lower	Upper
173	100		
175	2210.2	24.2	72.6#
254	0.0	0.1	0.1#

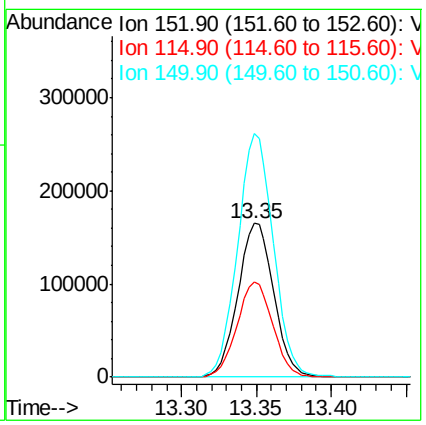


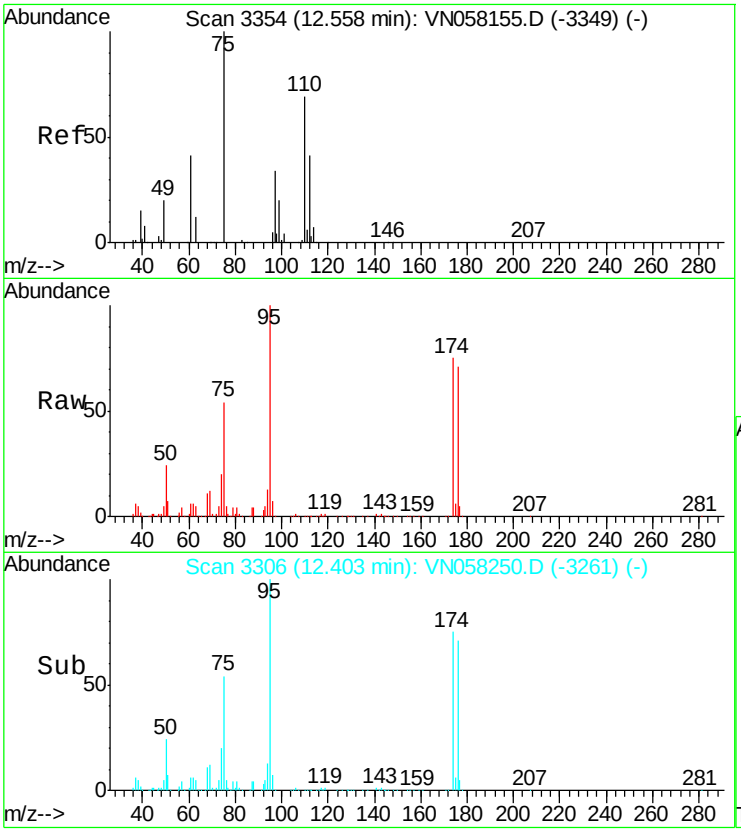


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion:152 Resp: 274968

Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.1	90.3
150	158.2	0.0	346.4



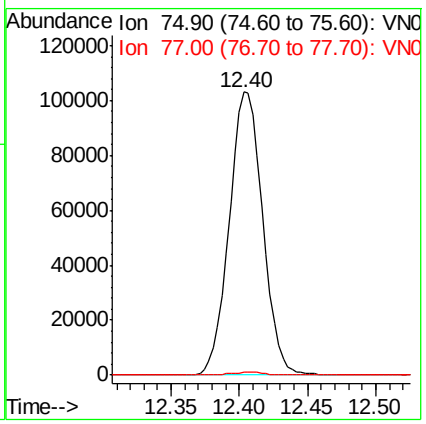


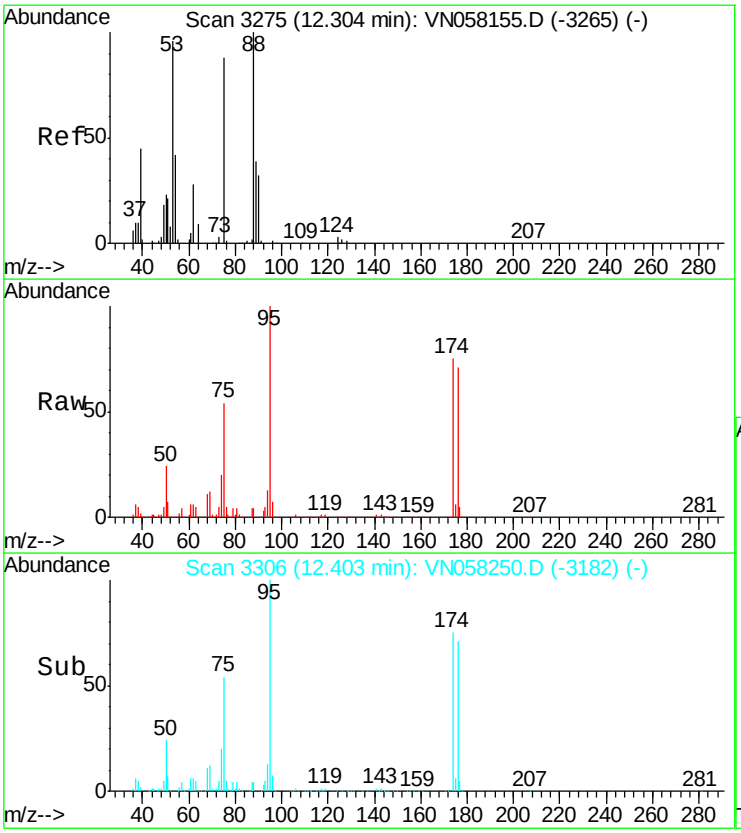
#76
1,2,3-Trichloropropane
Concen: 35.687 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190916

Tgt Ion: 75 Resp: 175617

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.715 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058250.D
Acq: 20 Sep 2019 15:15

Tgt Ion: 75 Resp: 175617

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