Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101019\
Data File : VN058666.D
Acq On : 10 Oct 2019 1:03
Operator : JC/SP
Sample : K5261-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S49-0555

Quant Time: Oct 10 04:45:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	444097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	694980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	302669	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.28%			
35) Dibromofluoromethane	7.57	113	214985	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
50) Toluene-d8	10.09	98	845086	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
62) 4-Bromofluorobenzene	12.40	95	264080	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.54%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	2864	0.535	ug/l	92
4) Vinyl Chloride	2.17	62	41485	7.911	ug/l	97
11) Tert butyl alcohol	4.72	59	232	0.322	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	2327	0.555	ug/l #	73
16) Acetone	3.80	43	1336	0.604	ug/l #	65
18) Methyl Acetate	4.31	43	1564	0.281	ug/l #	53
21) trans-1,2-Dichloroethene	5.01	96	96732	20.764	ug/l	97
24) 1,1-Dichloroethane	5.82	63	13809	1.496	ug/l #	91
27) cis-1,2-Dichloroethene	6.81	96	243208	44.667	ug/l	88
31) Cyclohexane	7.64	56	10123	1.127	ug/l #	21
36) 1,1-Dichloropropene	7.64	75	36713	5.525	ug/l #	46
38) Carbon Tetrachloride	7.65	117	43598	7.268	ug/l #	17
44) Trichloroethene	8.82	130	71241	15.104	ug/l	99
60) Dibromochloromethane	10.62	129	78	Below Cal	#	11
71) Bromoform	12.39	173	99	0.731	ug/l #	29
76) 1,2,3-Trichloropropane	12.40	75	143165	36.507	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	143165	110.878	ug/l #	7

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

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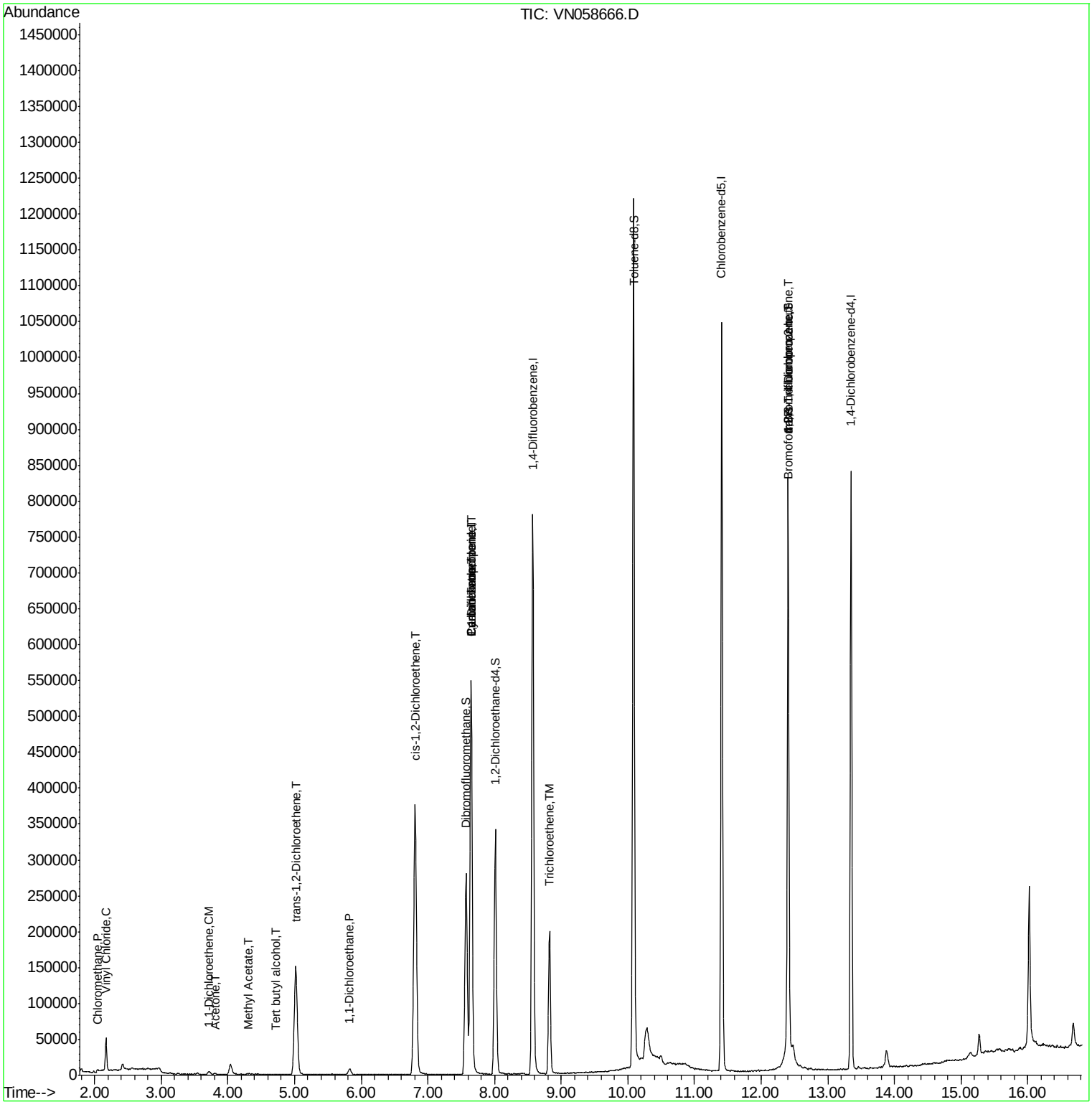
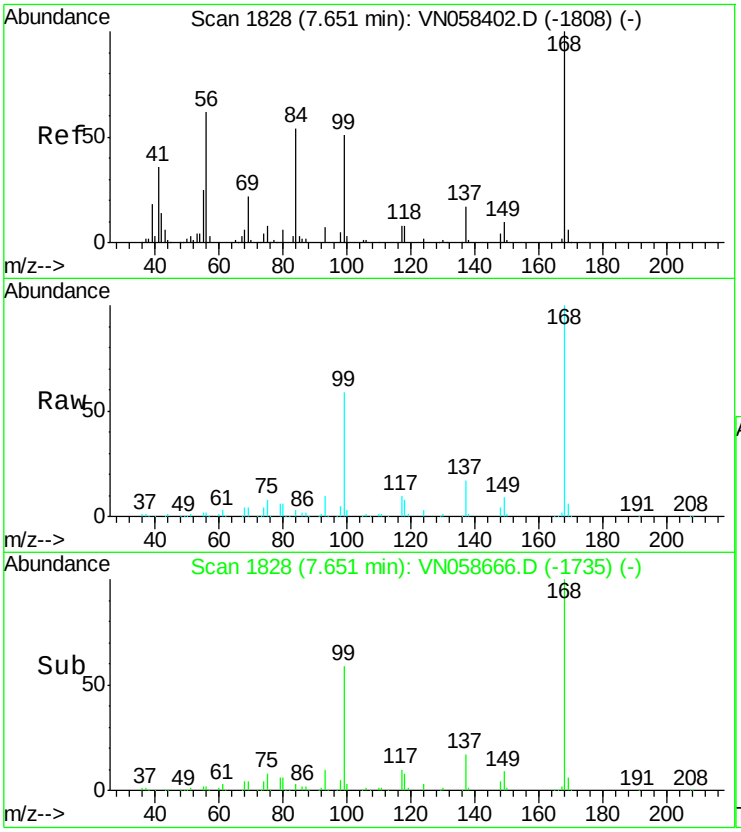


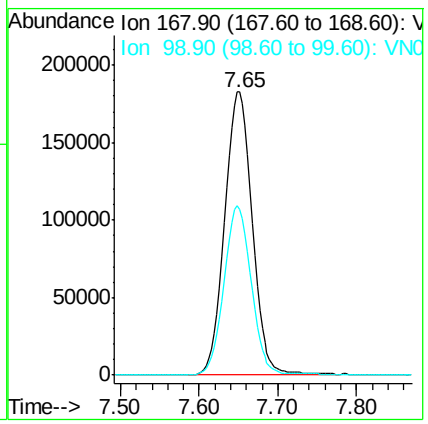


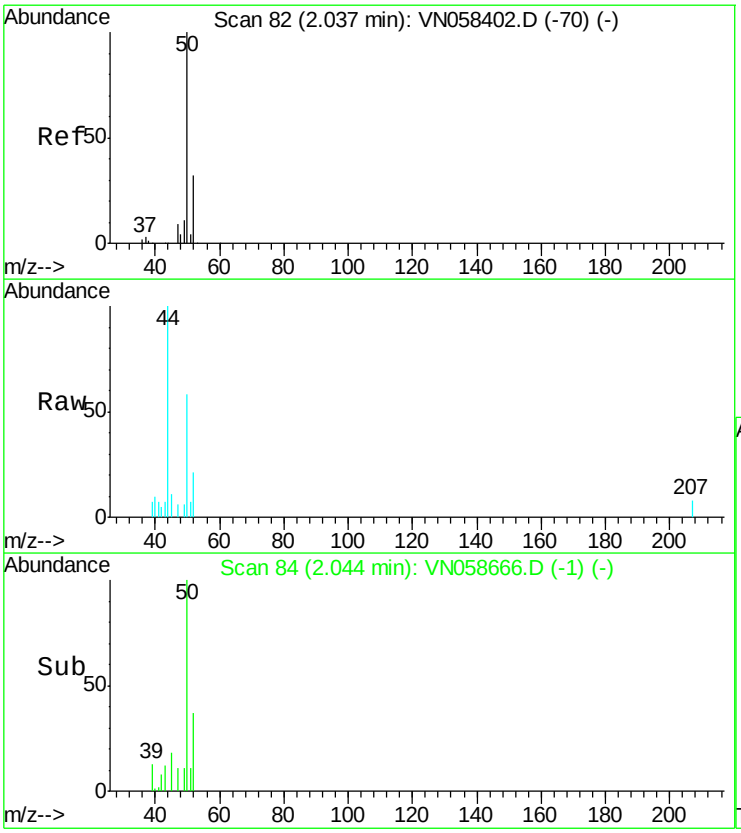
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0555

Tgt Ion:168 Resp: 444097

Ion	Ratio	Lower	Upper
168	100		
99	58.7	47.7	71.5

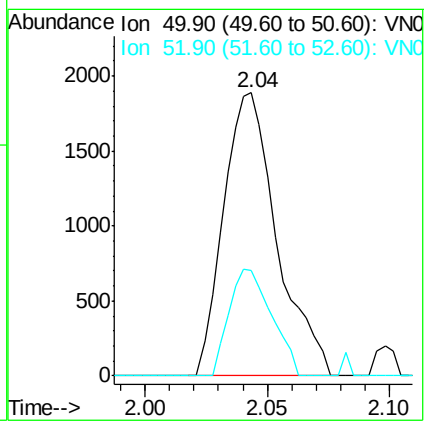


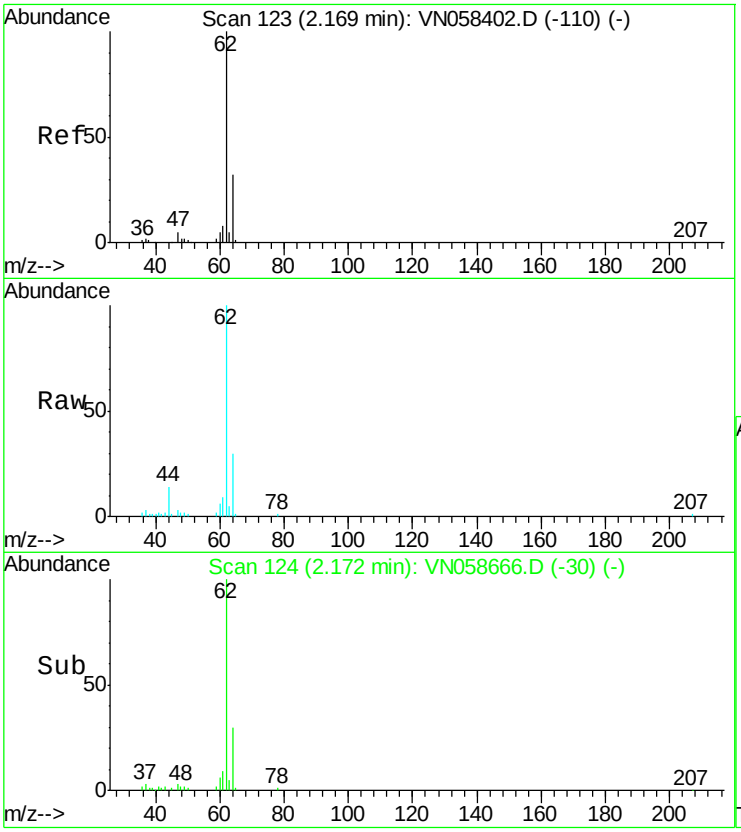


#3
Chloromethane
Concen: 0.535 ug/l
RT: 2.04 min Scan# 84
Delta R.T. 0.01 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 50 Resp: 2864

Ion	Ratio	Lower	Upper
50	100		
52	37.1	25.9	38.9



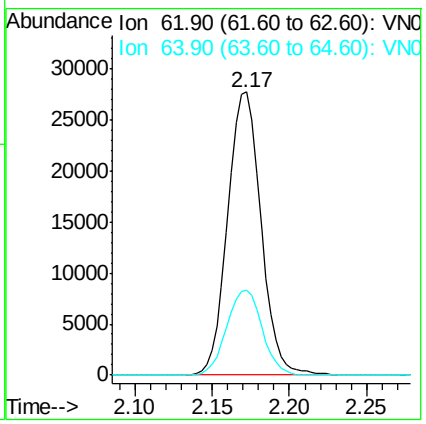


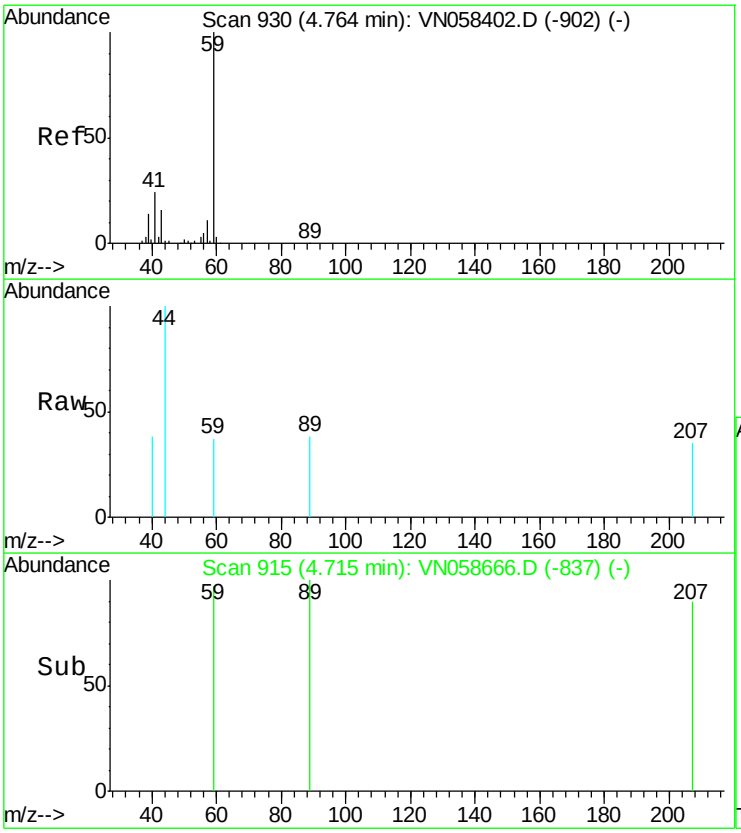
#4
Vinyl Chloride
Concen: 7.911 ug/l
RT: 2.17 min Scan# 124
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0555

Tgt Ion: 62 Resp: 41485

Ion	Ratio	Lower	Upper
62	100		
64	30.1	25.5	38.3

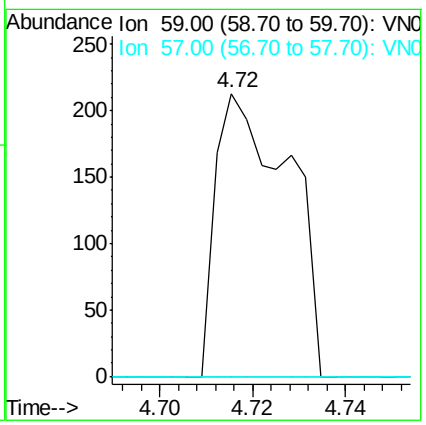


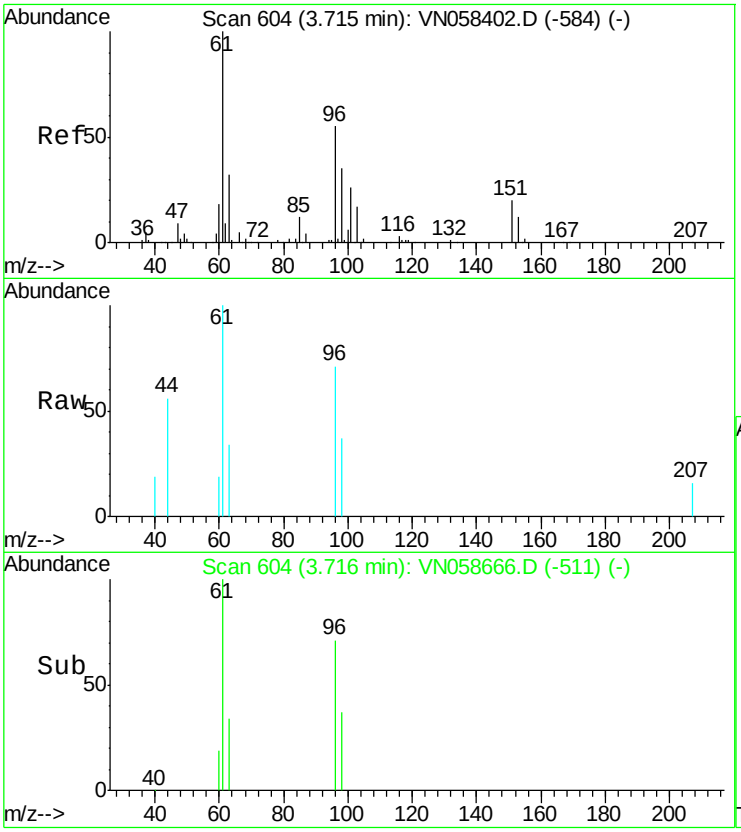


#11
Tert butyl alcohol
Concen: 0.322 ug/l
RT: 4.72 min Scan# 915
Delta R.T. -0.05 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 59 Resp: 232

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



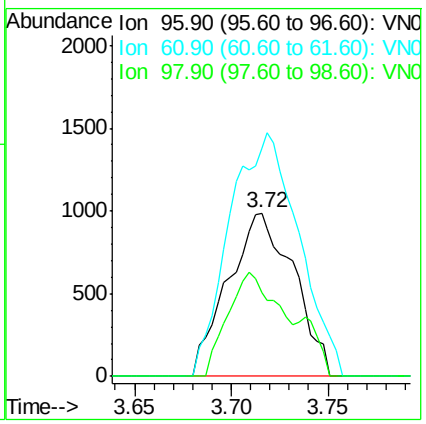


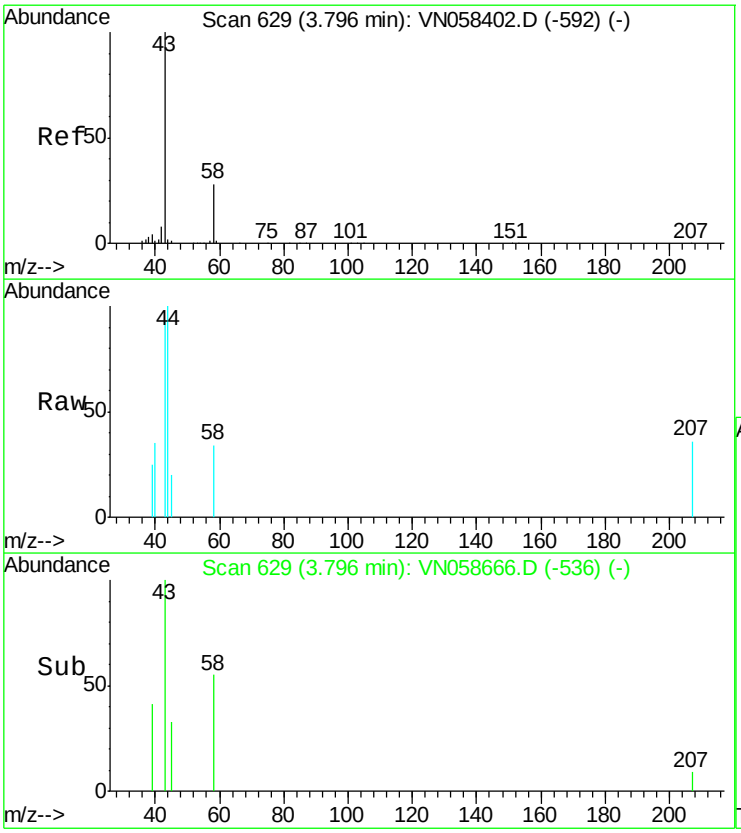
#12
1,1-Dichloroethene
Concen: 0.555 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument : MSVOA_N
ClientSampleId : S49-0555

Tgt Ion: 96 Resp: 2327

Ion	Ratio	Lower	Upper
96	100		
61	140.0	146.7	220.1#
98	51.4	51.3	76.9

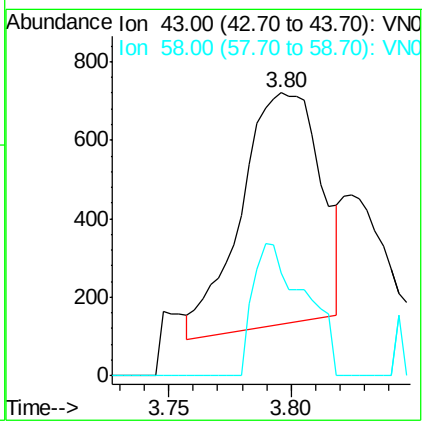


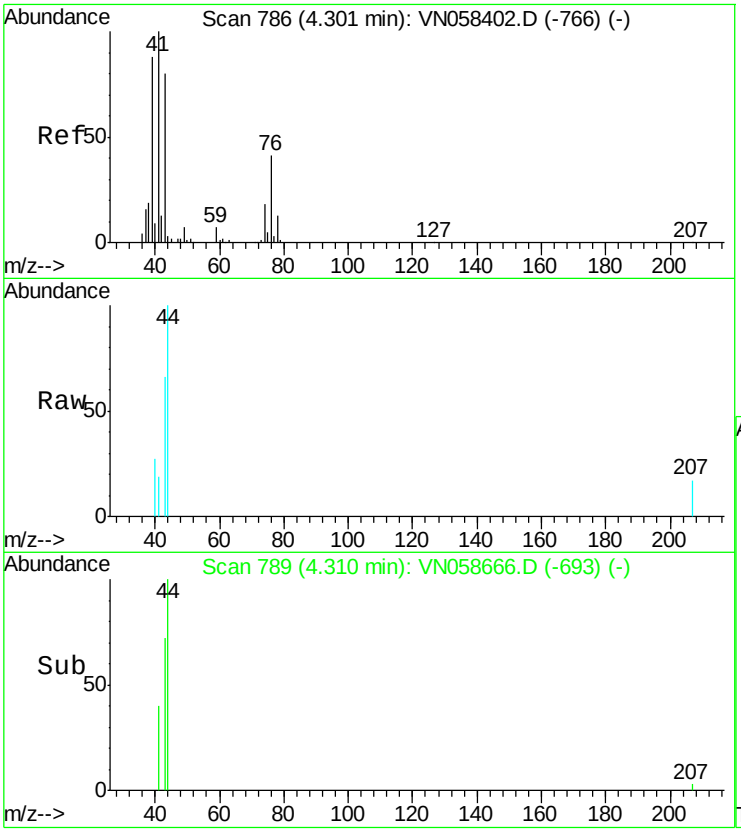


#16
Acetone
Concen: 0.604 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 43 Resp: 1336

Ion	Ratio	Lower	Upper
43	100		
58	46.3	22.4	33.6#



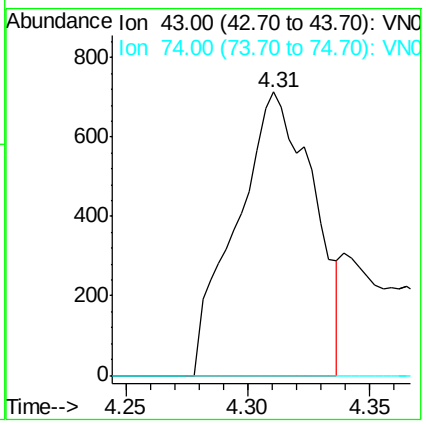


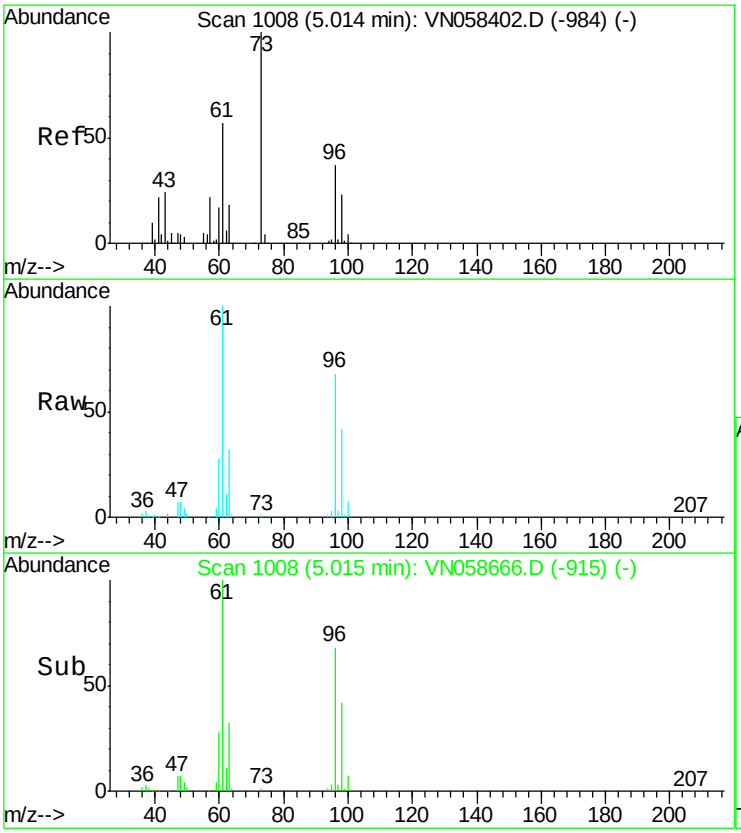
#18
Methyl Acetate
Concen: 0.281 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0555

Tgt Ion: 43 Resp: 1564

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

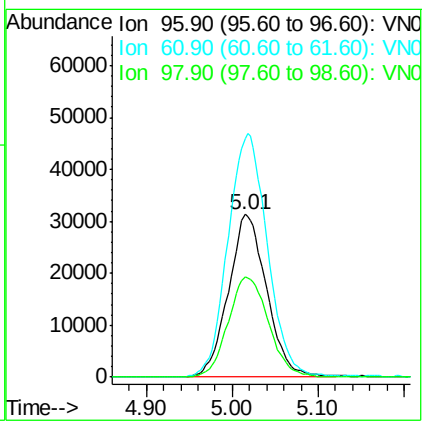


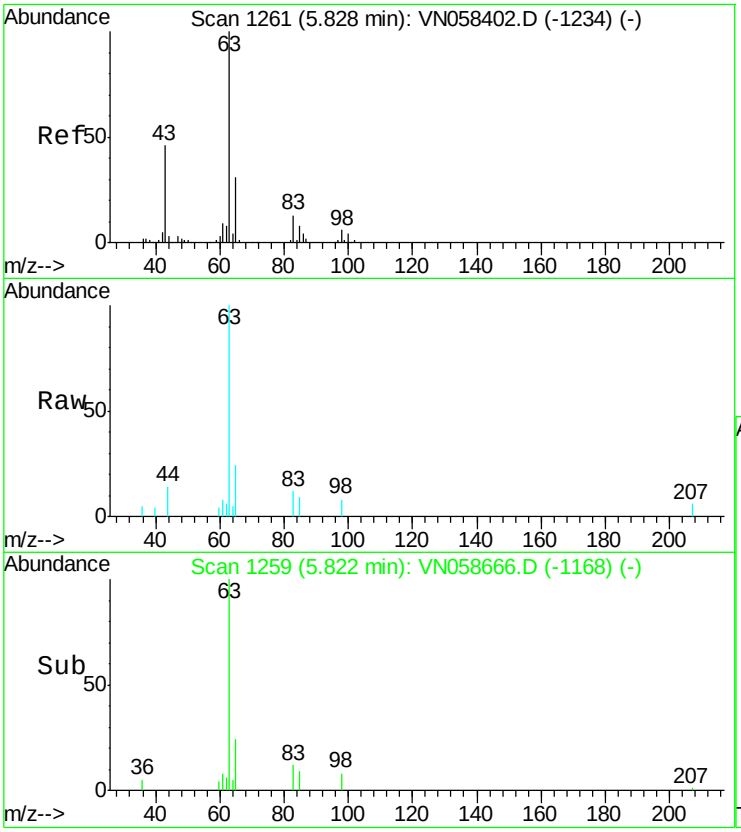


#21
trans-1,2-Dichloroethene
Concen: 20.764 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 96 Resp: 96732

Ion	Ratio	Lower	Upper
96	100		
61	146.4	121.9	182.9
98	61.3	49.3	73.9



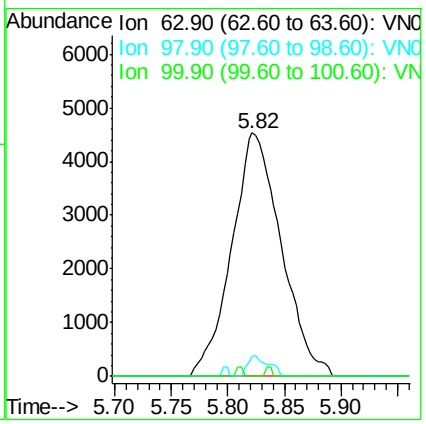


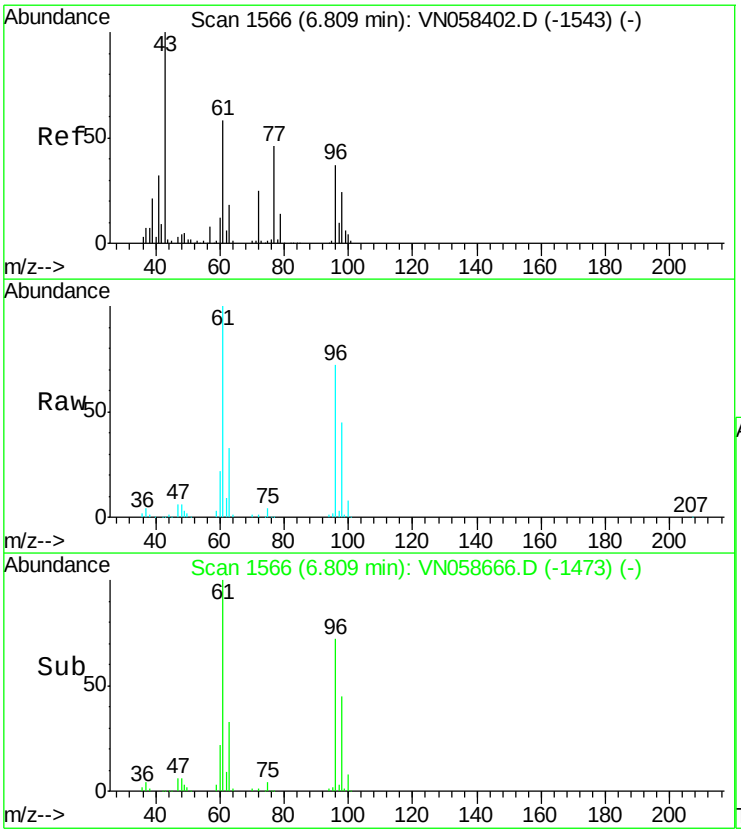
#24
1,1-Dichloroethane
Concen: 1.496 ug/l
RT: 5.82 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument : MSVOA_N
ClientSampleId : S49-0555

Tgt Ion: 63 Resp: 13809

Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.0	9.0
100	0.0	2.0	5.8#

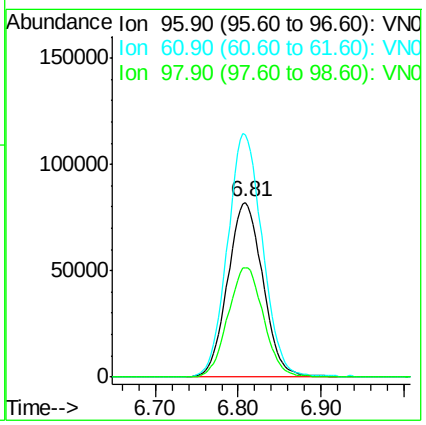


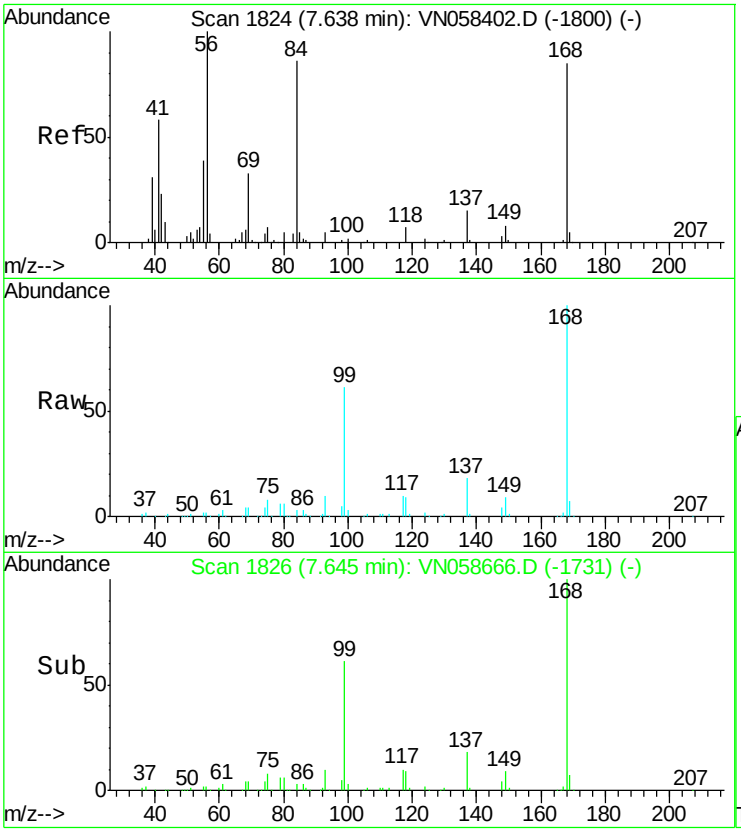


#27
cis-1,2-Dichloroethene
Concen: 44.667 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 96 Resp: 243208

Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	318.8
98	63.3	0.0	129.8



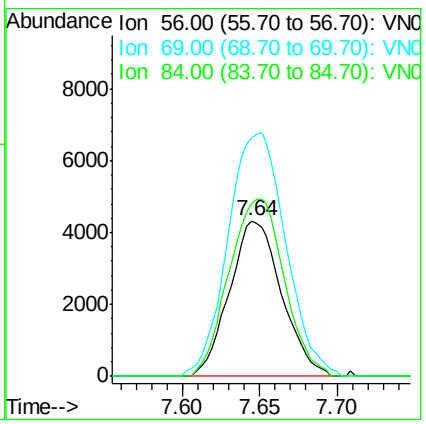


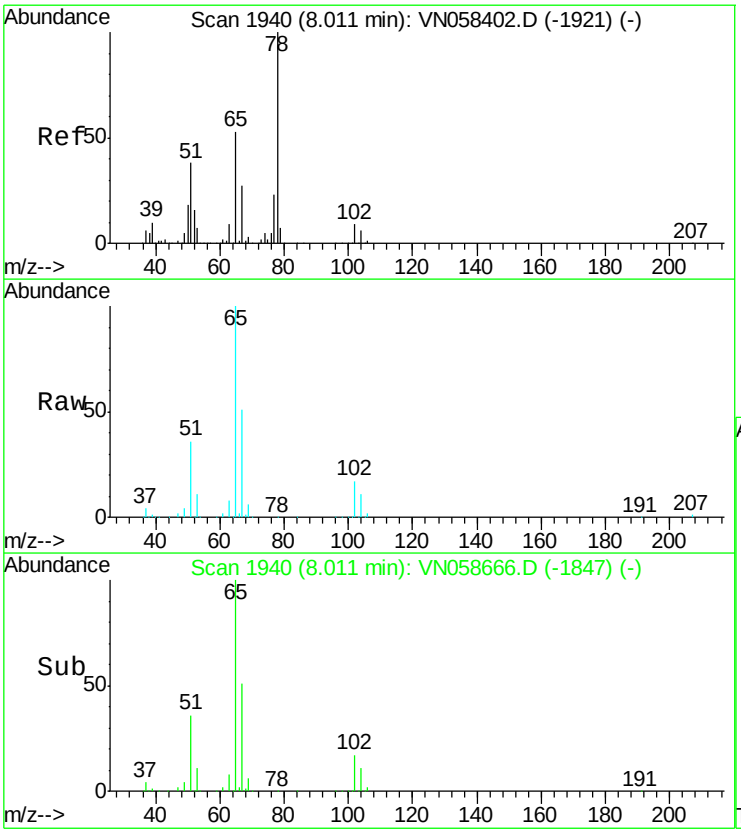
#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0555

Tgt Ion: 56 Resp: 10123

Ion	Ratio	Lower	Upper
56	100		
69	149.3	26.2	39.4#
84	111.6	67.6	101.4#

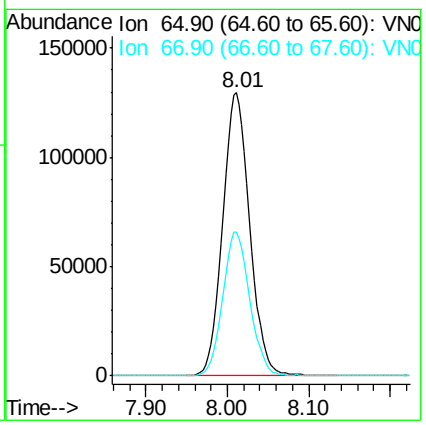


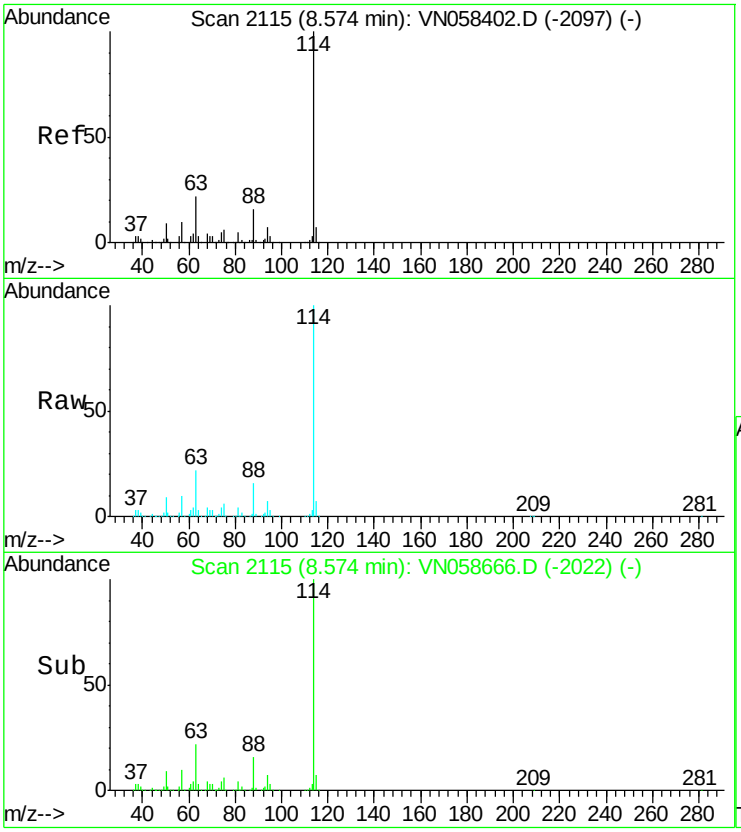


#33
1,2-Dichloroethane-d4
Concen: 46.638 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 65 Resp: 302669

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.4



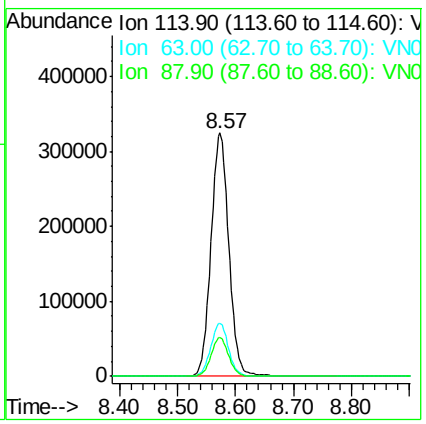


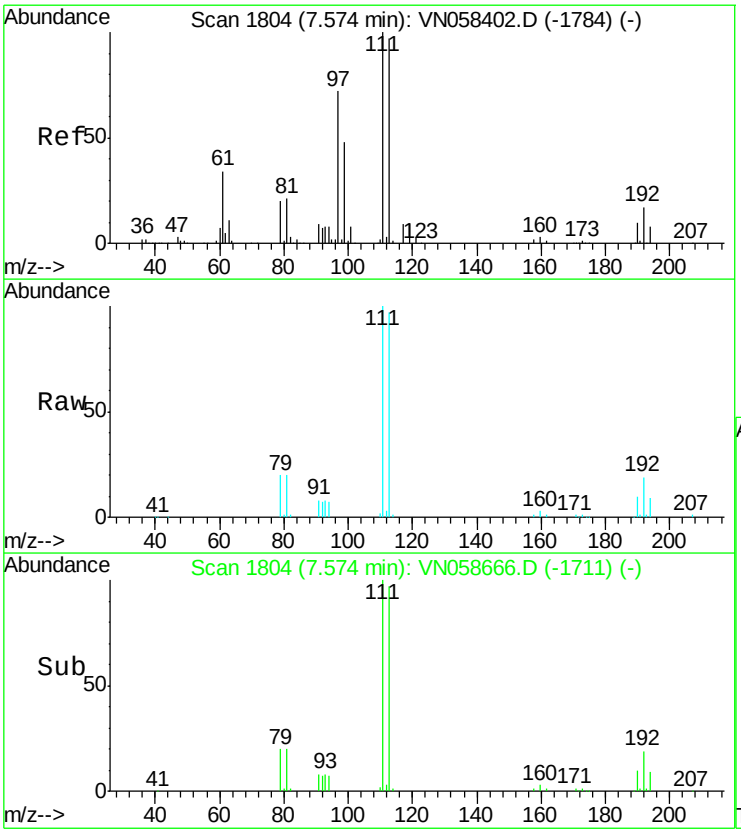
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0555

Tgt Ion:114 Resp: 694980

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.0
88	16.2	0.0	32.2

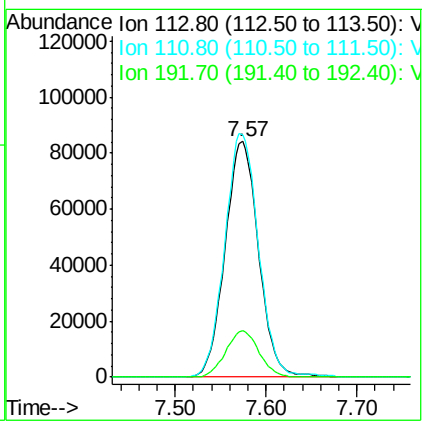


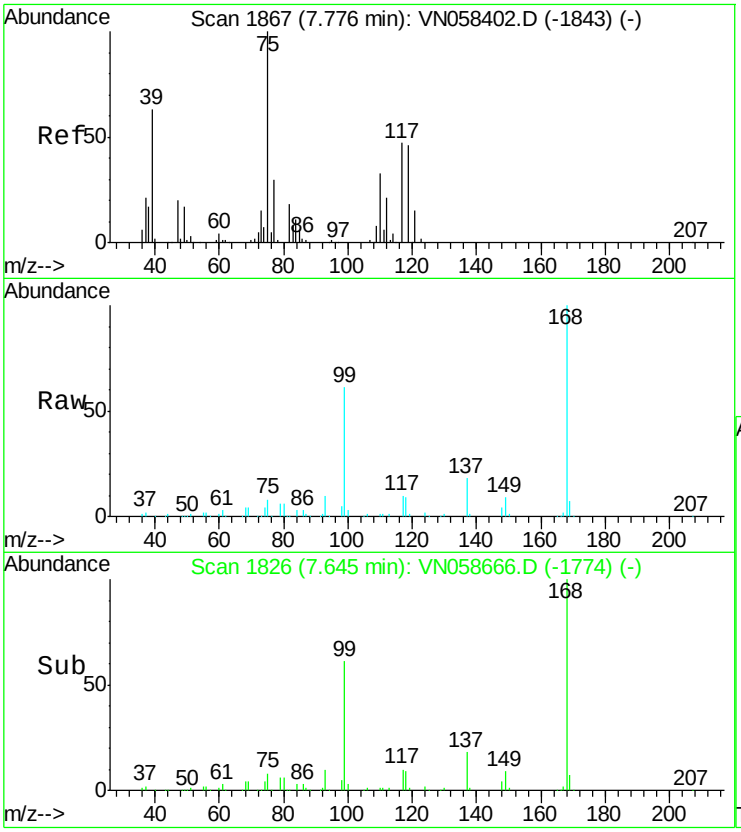


#35
Dibromofluoromethane
Concen: 50.472 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion:113 Resp: 214985

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.2
192	19.7	14.9	22.3



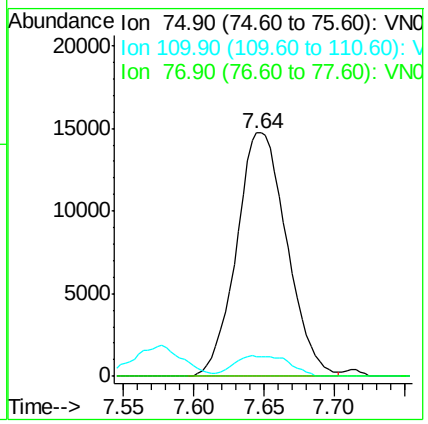


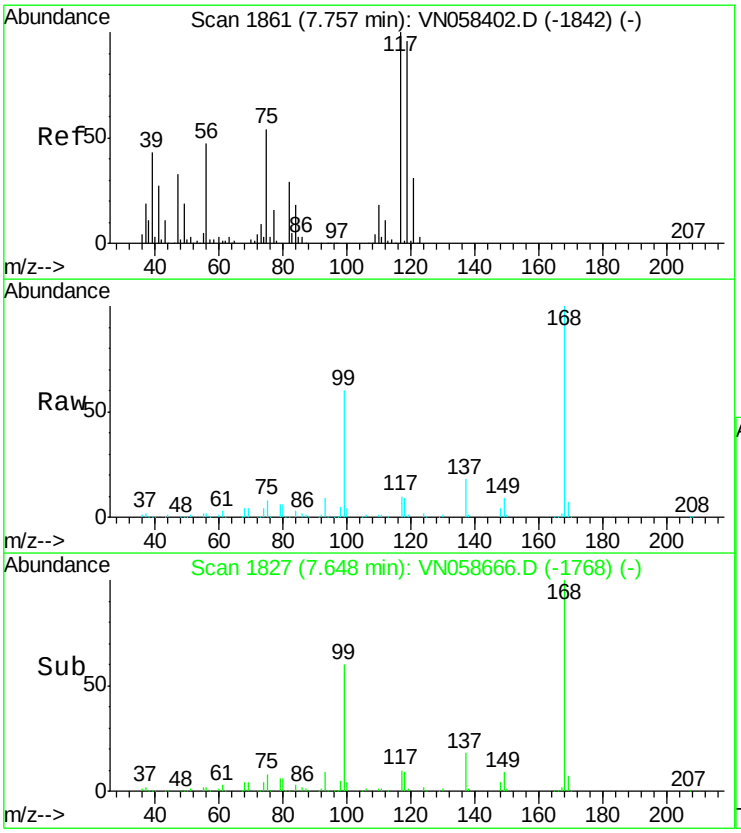
#36
1,1-Dichloropropene
Concen: 5.525 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument : MSVOA_N
ClientSampleId : S49-0555

Tgt Ion: 75 Resp: 36713

Ion	Ratio	Lower	Upper
75	100		
110	3.7	16.4	49.2#
77	0.0	24.3	36.5#

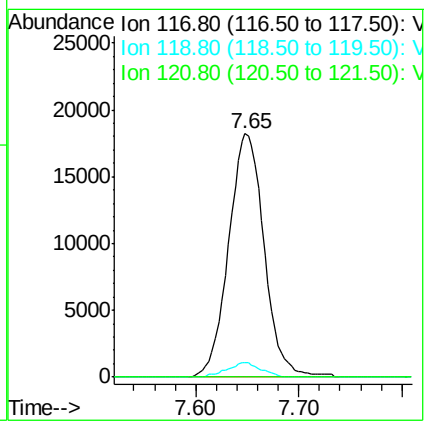


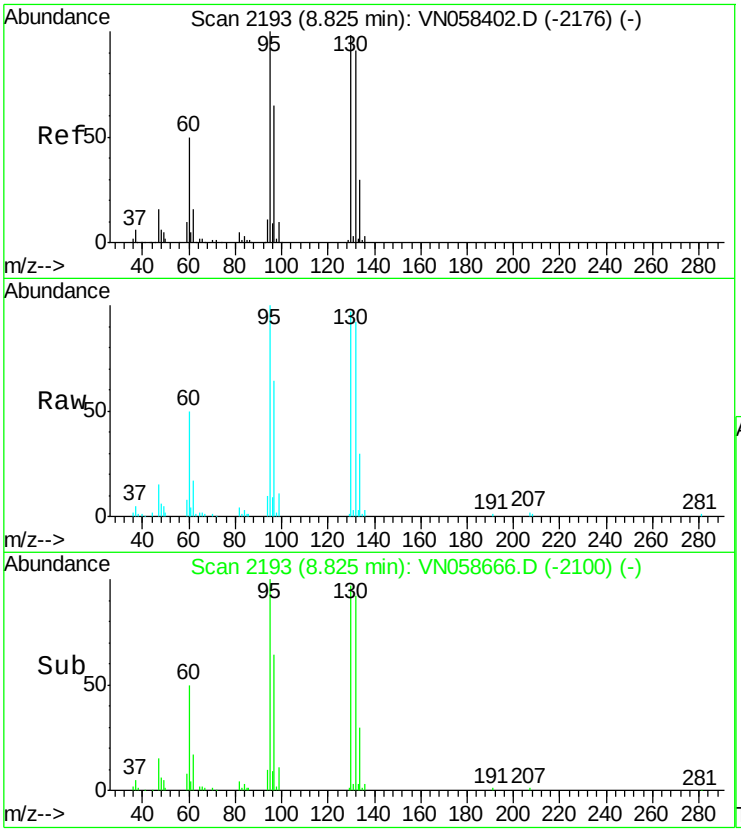


#38
Carbon Tetrachloride
Concen: 7.268 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion:117 Resp: 43598

Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.6	115.0#
121	0.0	24.7	37.1#



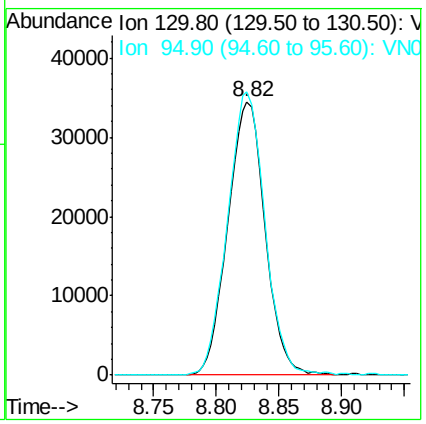


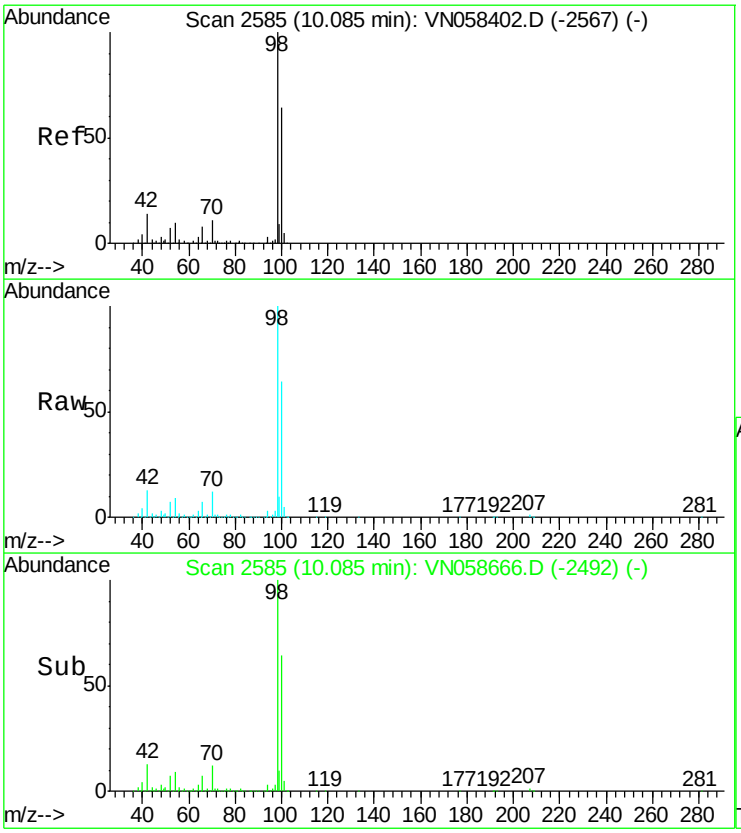
#44
Trichloroethene
Concen: 15.104 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0555

Tgt Ion:130 Resp: 71241

Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	204.2

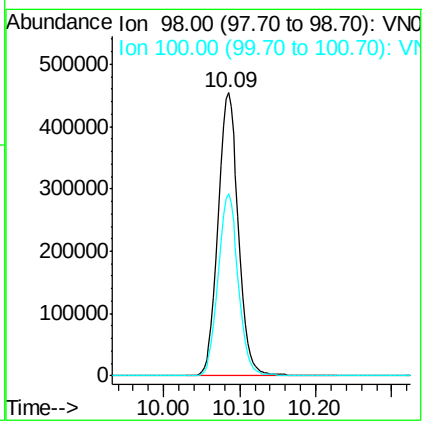


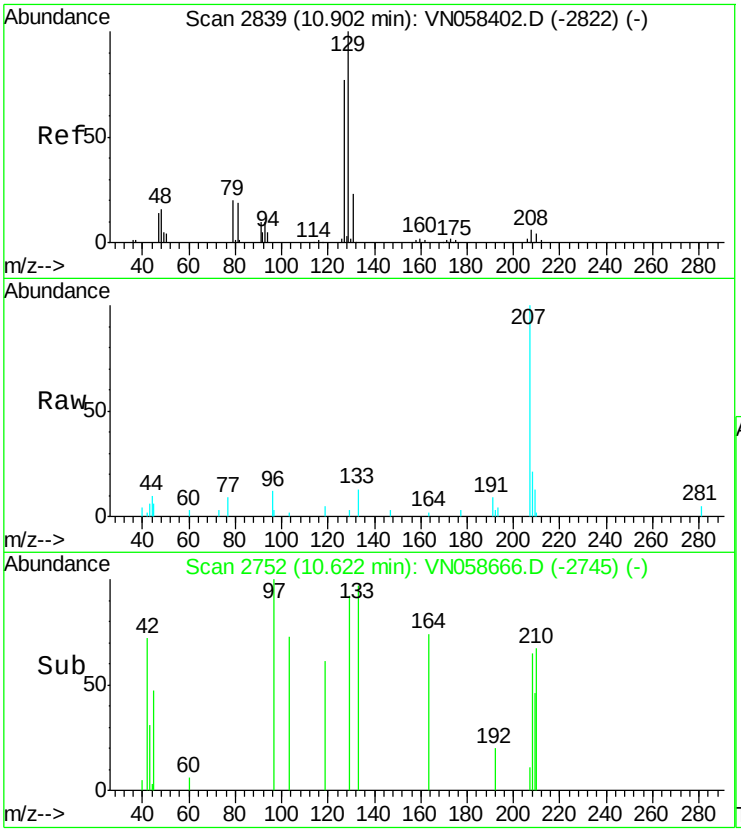


#50
Toluene-d8
Concen: 50.646 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 98 Resp: 845086

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.6



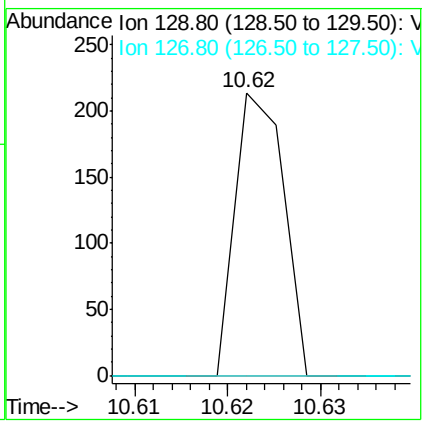


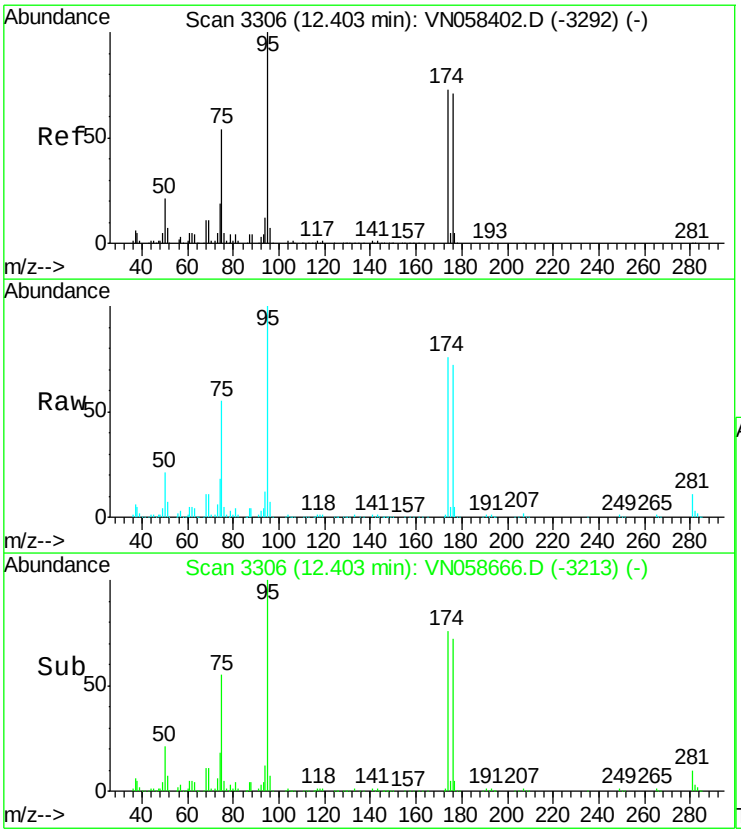
#60
Dibromochloromethane
Concen: Below Cal
RT: 10.62 min Scan# 2752
Delta R.T. -0.28 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument : MSVOA_N
ClientSampleId : S49-0555

Tgt Ion:129 Resp: 78

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#

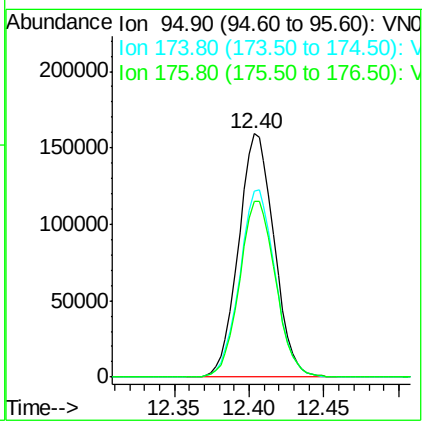


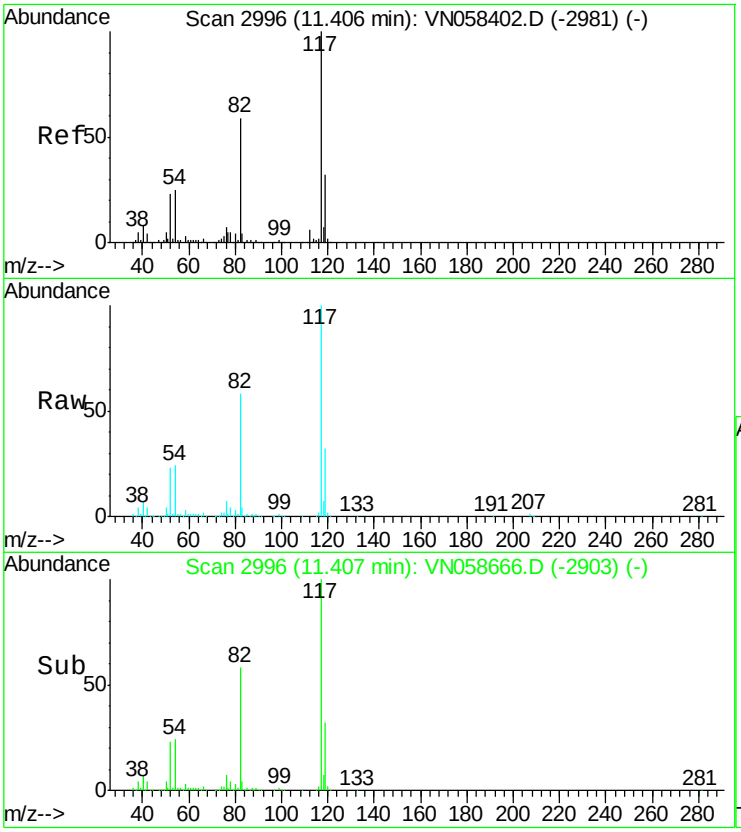


#62
4-Bromofluorobenzene
Concen: 43.770 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 95 Resp: 264080

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	150.6
176	73.2	0.0	146.2



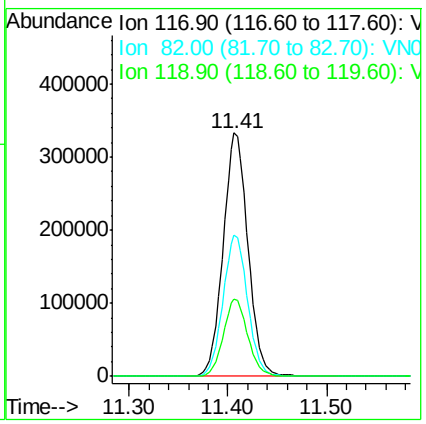


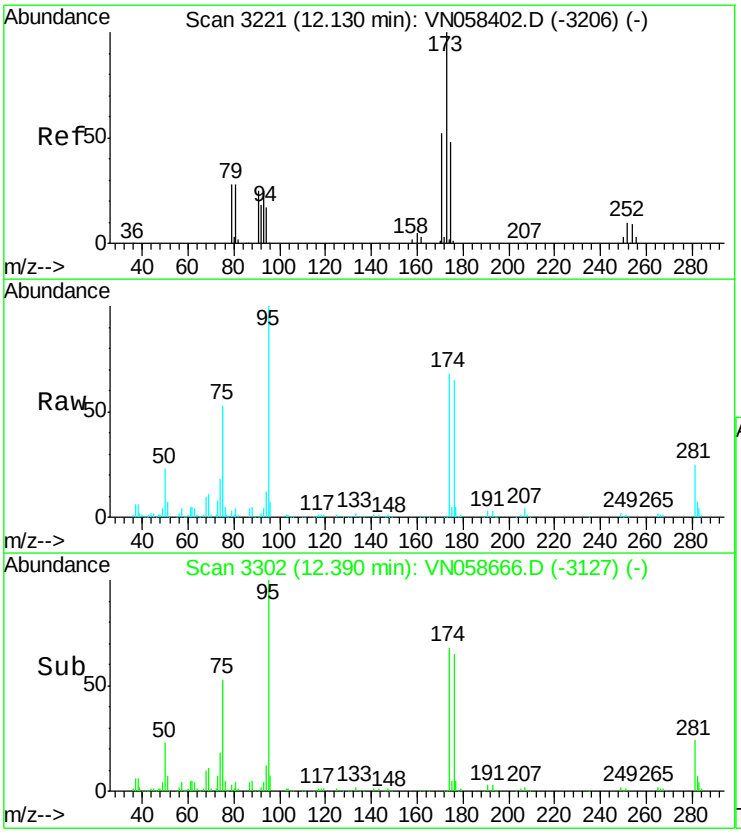
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument : MSVOA_N
ClientSampleId : S49-0555

Tgt Ion:117 Resp: 586877

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.0
119	31.8	25.5	38.3

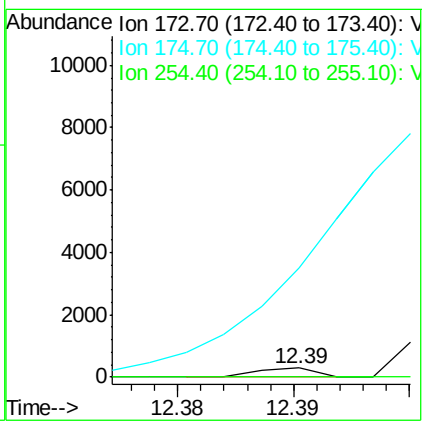


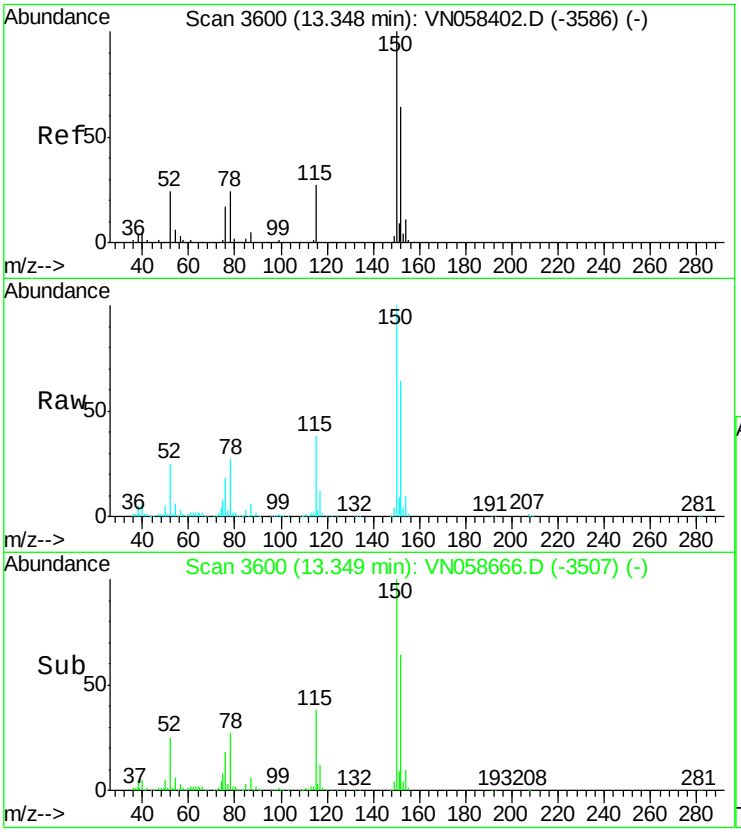


#71
Bromoform
Concen: 0.731 ug/l
RT: 12.39 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion:173 Resp: 99

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	73.0#
254	0.0	0.1	0.1#



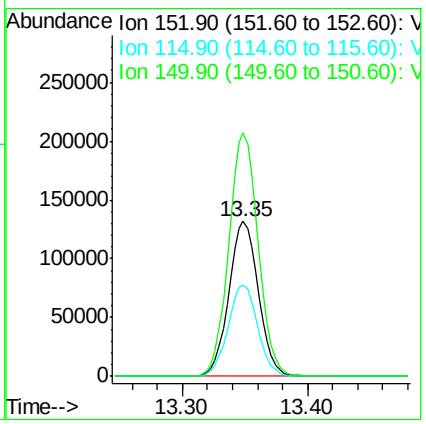


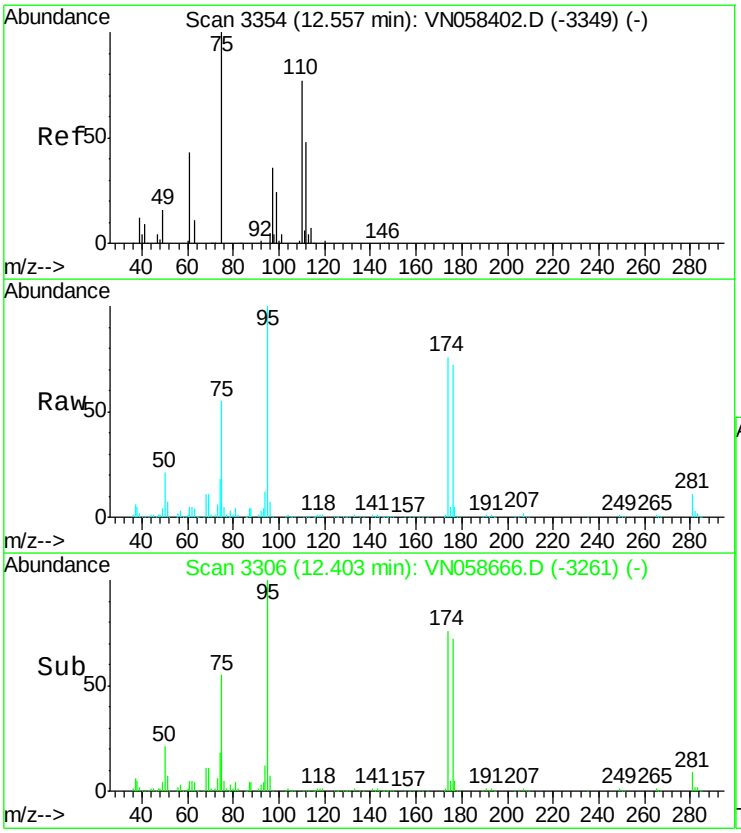
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument : MSVOA_N
ClientSampleId : S49-0555

Tgt Ion:152 Resp: 214701

Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.0	90.0
150	156.4	0.0	348.2

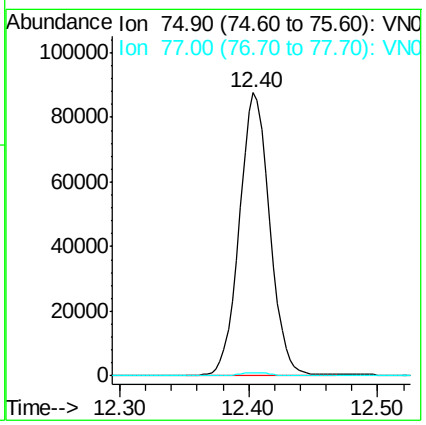


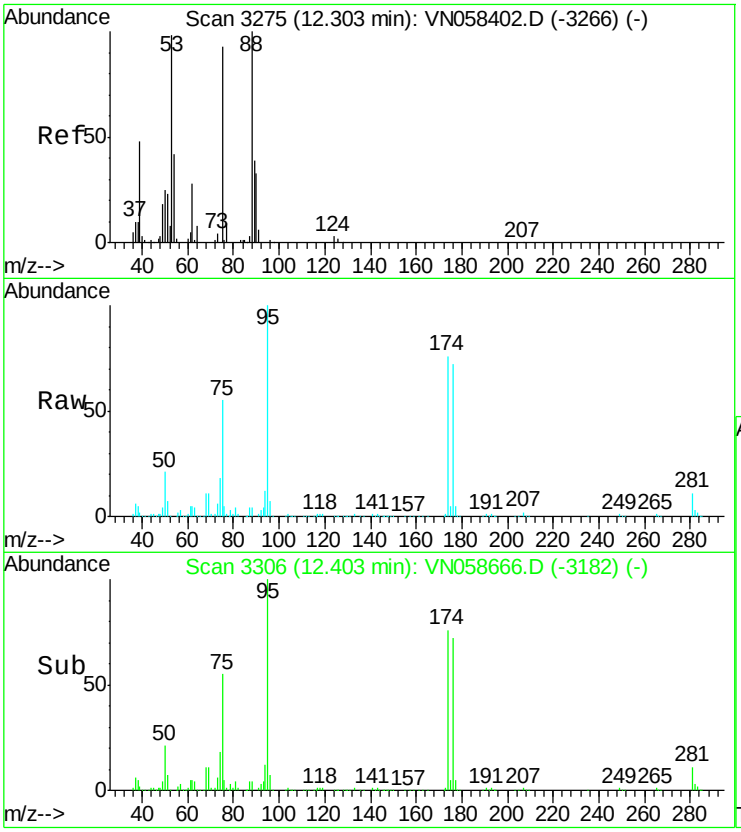


#76
1,2,3-Trichloropropane
Concen: 36.507 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion: 75 Resp: 143165

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.878 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument :
MSVOA_N
ClientSampleId :
S49-0555

Tgt Ion: 75 Resp: 143165

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.4	128.0#
89	0.2	35.0	52.4#