Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061120\
Data File : VN061757.D
Acq On : 11 Jun 2020 19:10
Operator : JC/MD
Sample : L2988-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Quant Time: Jun 12 05:48:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	279689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	159408	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.68%			
35) Dibromofluoromethane	7.55	113	138674	57.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.02%			
50) Toluene-d8	10.06	98	574992	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.90%			
62) 4-Bromofluorobenzene	12.38	95	193757	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	1074	1.473	ug/l	81
3) Chloromethane	2.04	50	876	0.257	ug/l #	60
9) 1,1,2-Trichlorotrifluoroet	3.72	101	15968	5.969	ug/l	96
12) 1,1-Dichloroethene	3.71	96	2829	0.990	ug/l #	66
14) Allyl chloride	4.03	41	2464	0.659	ug/l #	42
16) Acetone	3.78	43	4089	Below Cal		99
19) Methyl tert-butyl Ether	5.00	73	8617	0.885	ug/l	98
20) Methylene Chloride	4.50	84	101	Below Cal	#	62
22) Diisopropyl ether	5.90	45	2177	0.264	ug/l #	92
23) Vinyl Acetate	5.90	43	2440	0.372	ug/l #	67
24) 1,1-Dichloroethane	5.79	63	3092	0.592	ug/l #	81
27) cis-1,2-Dichloroethene	6.78	96	6390	1.751	ug/l	94
28) Bromochloromethane	7.31	49	306	Below Cal	#	3
30) Chloroform	7.33	83	10401	1.800	ug/l	100
31) Cyclohexane	7.63	56	4789	1.020	ug/l #	4
36) 1,1-Dichloropropene	7.63	75	19277	4.581	ug/l #	48
38) Carbon Tetrachloride	7.63	117	26500	6.528	ug/l #	16
39) Methylcyclohexane	8.80	83	4447	0.857	ug/l #	1
42) 1,2-Dichloroethane	8.08	62	1074	0.247	ug/l #	72
44) Trichloroethene	8.80	130	400925	100.473	ug/l	97
49) 1,4-Dioxane	9.17	88	289	6.800	ug/l #	29
51) 4-Methyl-2-Pentanone	10.06	43	2136	0.622	ug/l #	1
60) Dibromochloromethane	10.60	129	10421	2.715	ug/l #	11
64) Tetrachloroethene	10.61	164	11578	2.640	ug/l	95
76) 1,2,3-Trichloropropane	12.38	75	95436	25.851	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	95436	66.107	ug/l #	15

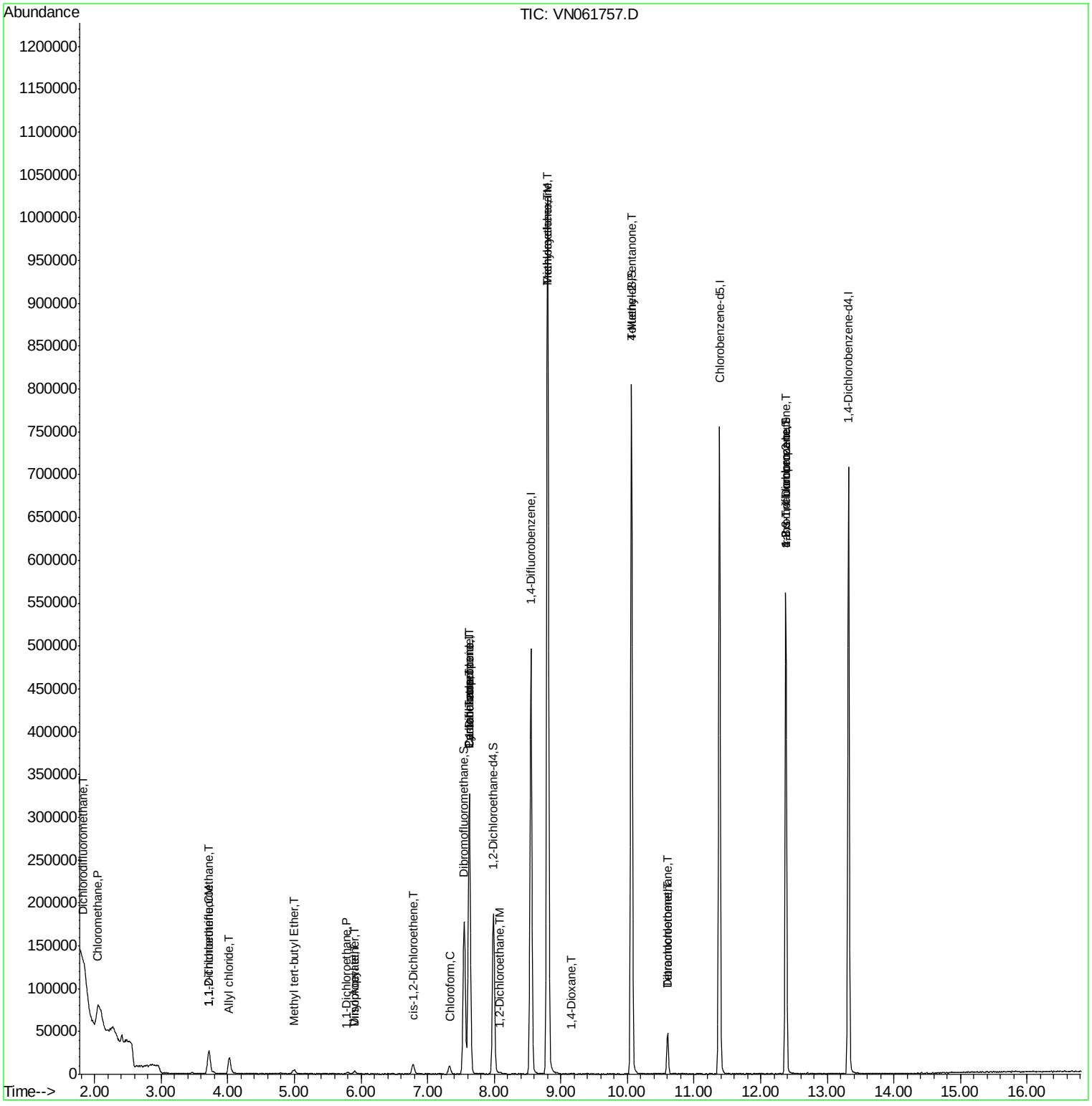
(#) = qualifier out of range (m) = manual integration (+) = signals summed

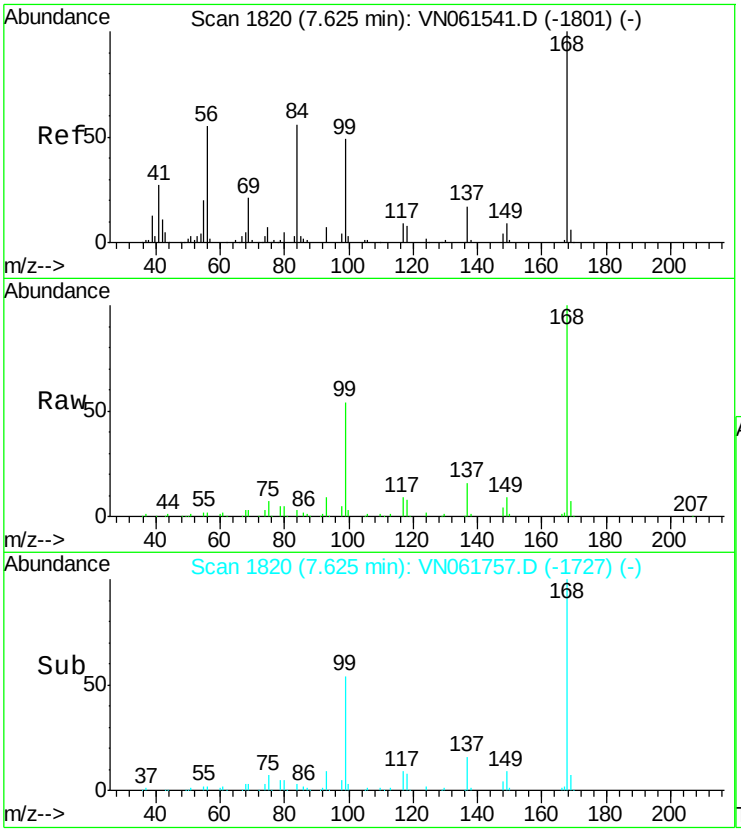
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061120\
Data File : VN061757.D
Acq On : 11 Jun 2020 19:10
Operator : JC/MD
Sample : L2988-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Quant Time: Jun 12 05:48:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration



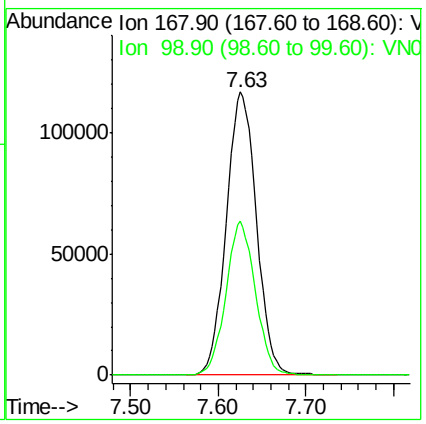


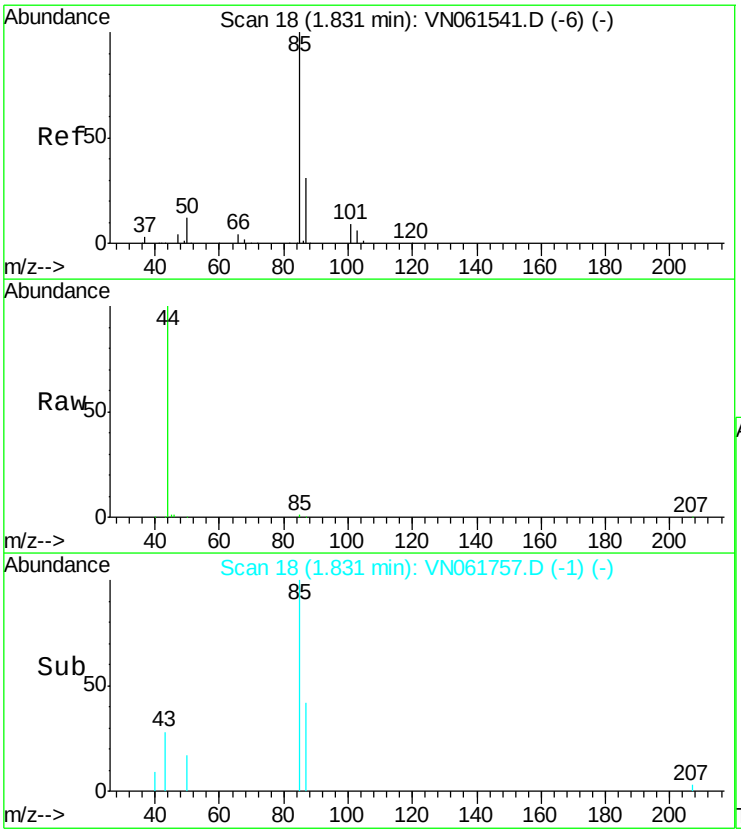
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion:168 Resp: 279689

Ion	Ratio	Lower	Upper
168	100		
99	54.3	45.0	67.4

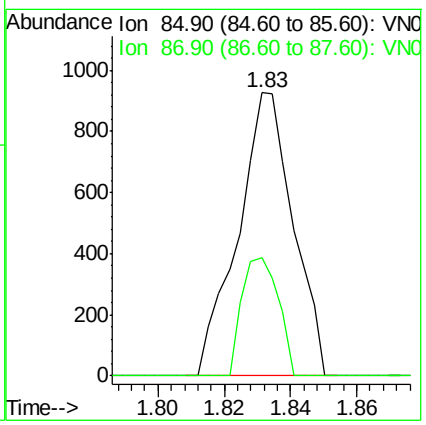


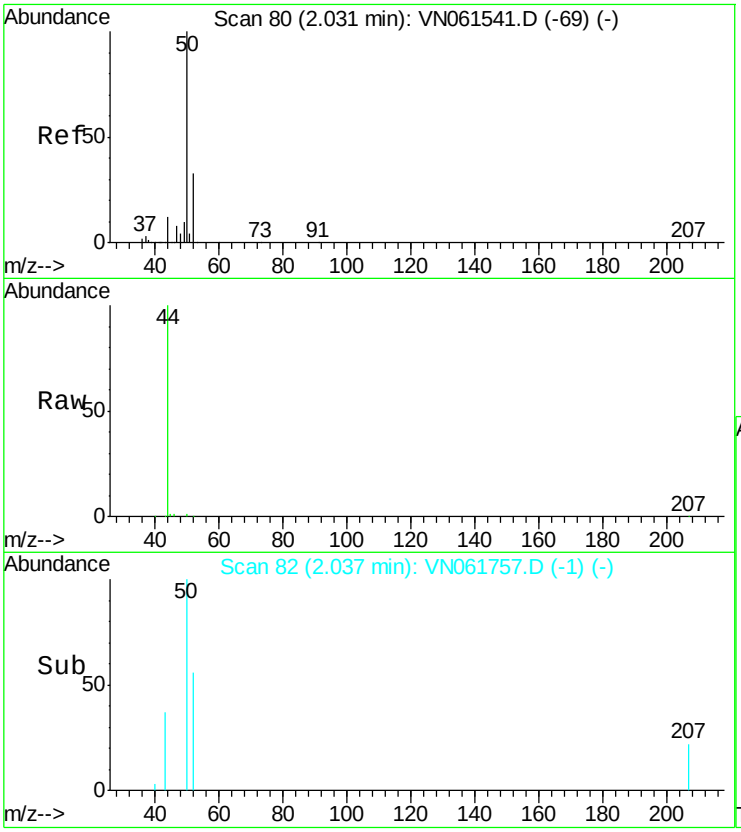


#2
Dichlorodifluoromethane
Concen: 1.473 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 85 Resp: 1074

Ion	Ratio	Lower	Upper
85	100		
87	41.5	15.6	46.8



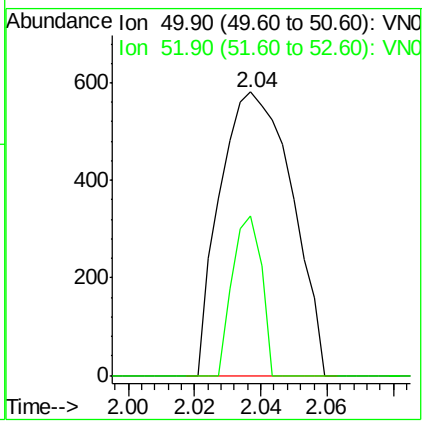


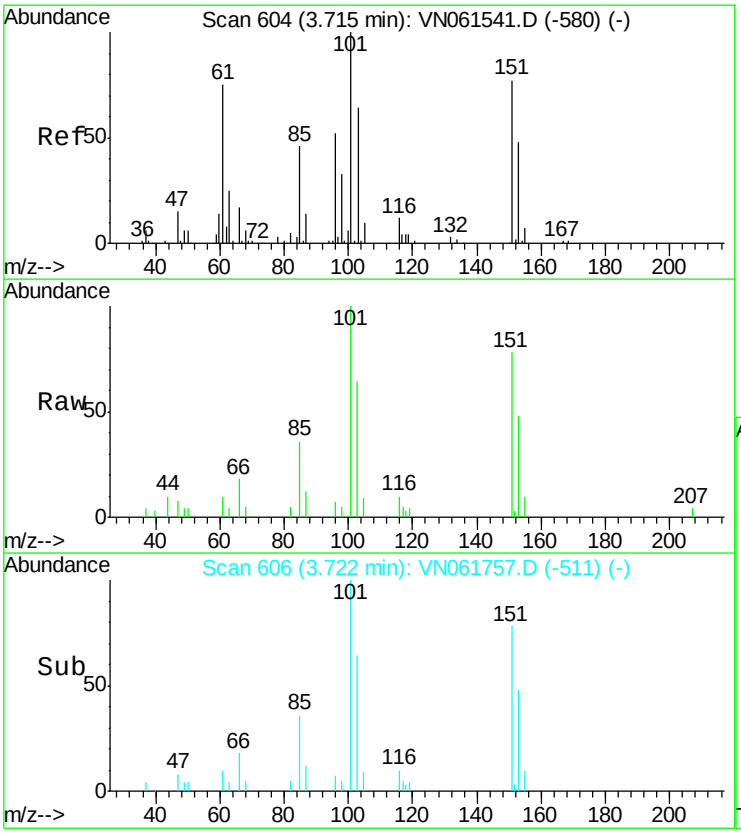
#3
Chloromethane
Concen: 0.257 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Tgt Ion: 50 Resp: 876

Ion	Ratio	Lower	Upper
50	100		
52	56.3	26.7	40.1#

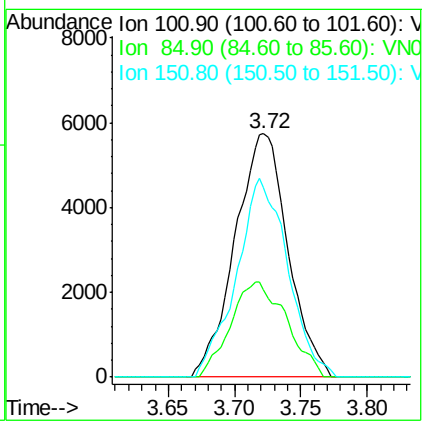


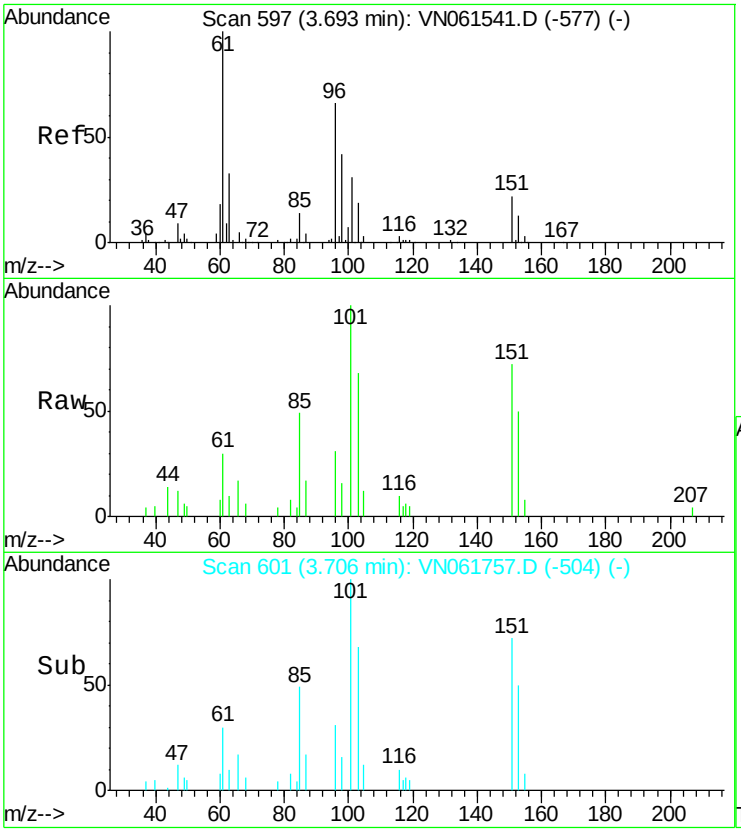


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.969 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion:101 Resp: 15968

Ion	Ratio	Lower	Upper
101	100		
85	41.4	35.2	52.8
151	79.3	61.0	91.6



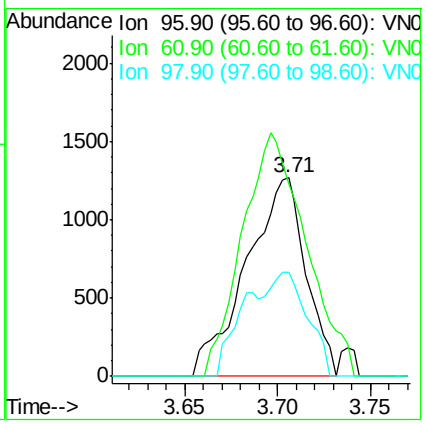


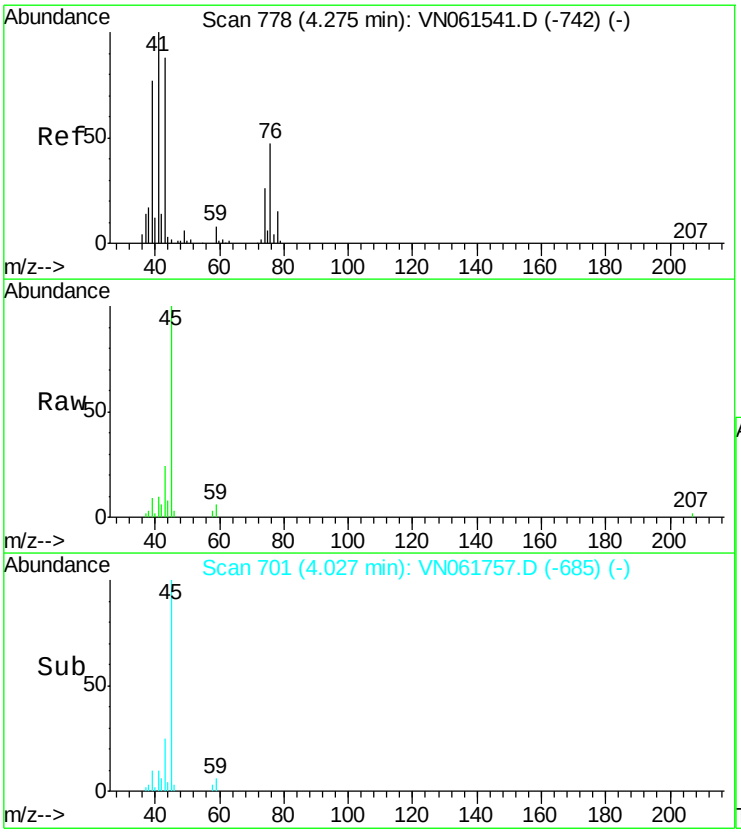
#12
1,1-Dichloroethene
Concen: 0.990 ug/l
RT: 3.71 min Scan# 601
Delta R.T. 0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Tgt Ion: 96 Resp: 2829

Ion	Ratio	Lower	Upper
96	100		
61	96.9	120.5	180.7#
98	52.4	50.8	76.2

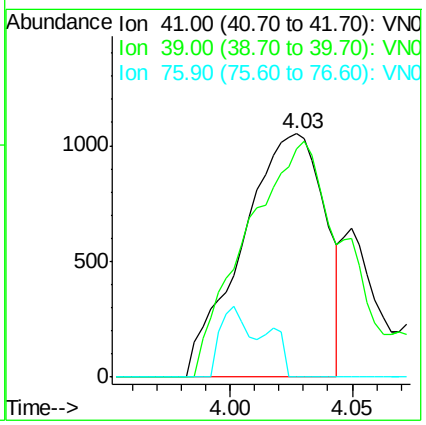


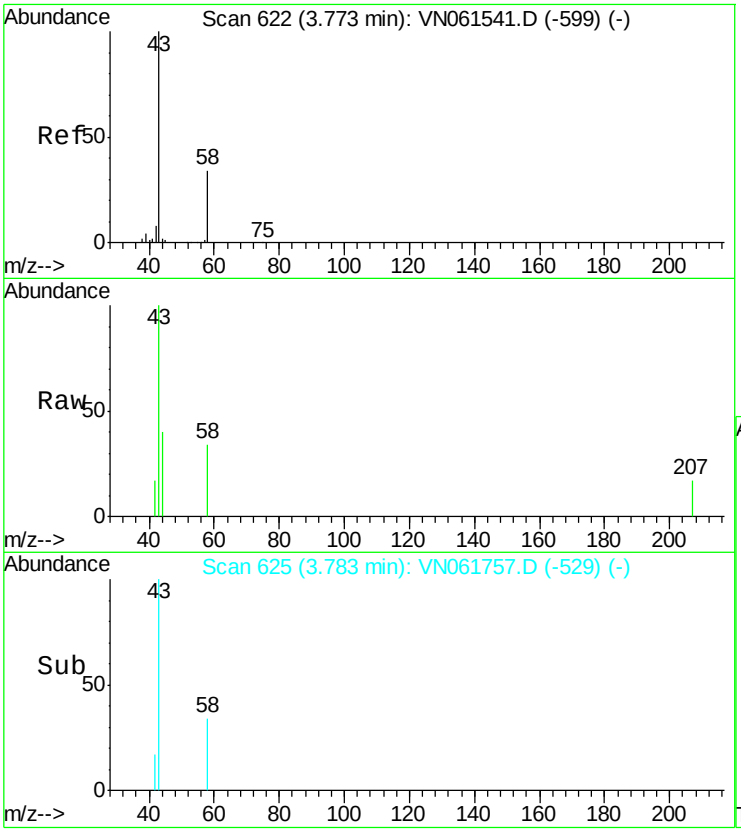


#14
Allyl chloride
Concen: 0.659 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.25 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 41 Resp: 2464

Ion	Ratio	Lower	Upper
41	100		
39	117.4	58.6	88.0#
76	0.0	34.2	51.4#



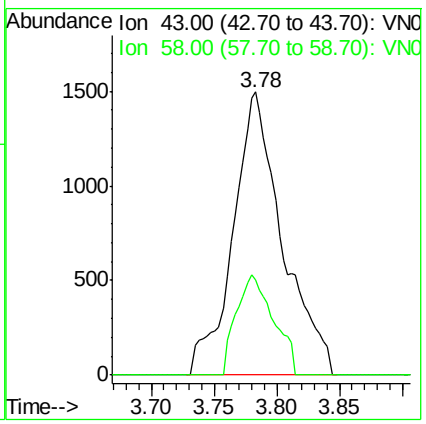


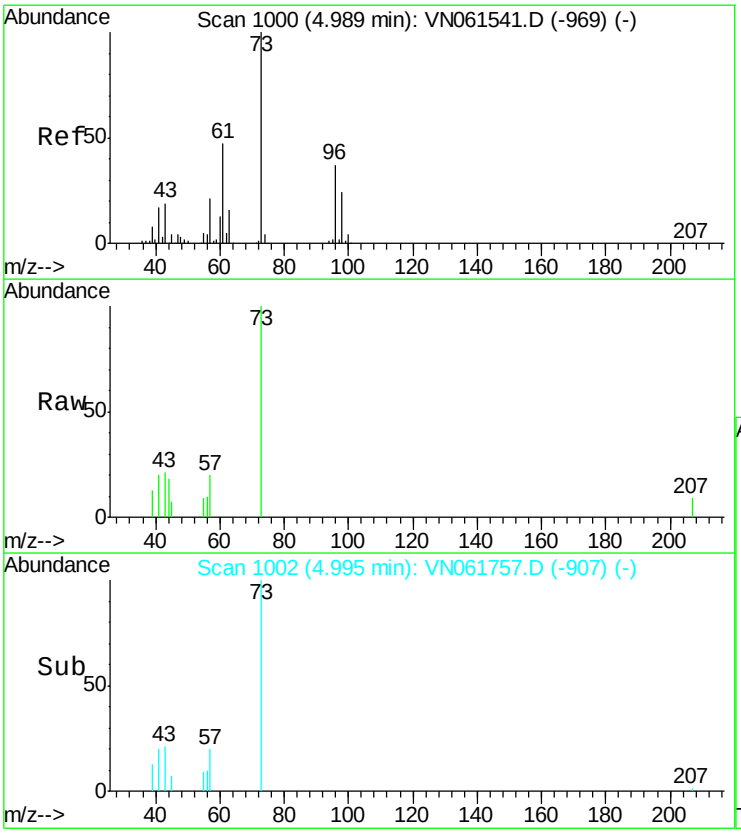
#16
Acetone
Concen: Below Cal
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion: 43 Resp: 4089

Ion	Ratio	Lower	Upper
43	100		
58	33.6	27.2	40.8

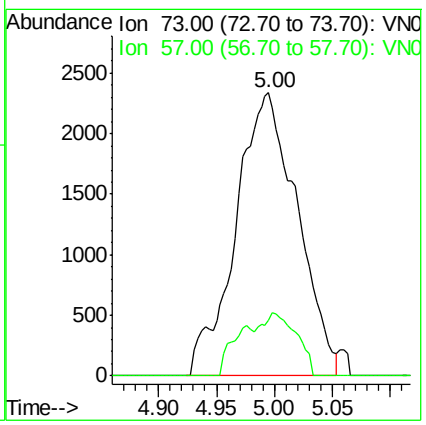


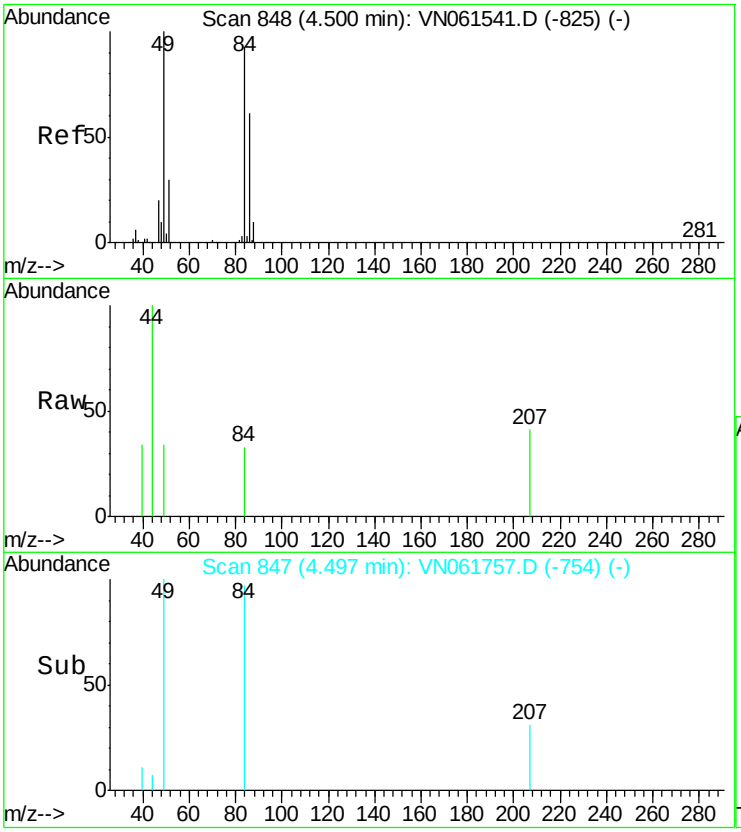


#19
Methyl tert-butyl Ether
Concen: 0.885 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 73 Resp: 8617

Ion	Ratio	Lower	Upper
73	100		
57	19.8	16.4	24.6



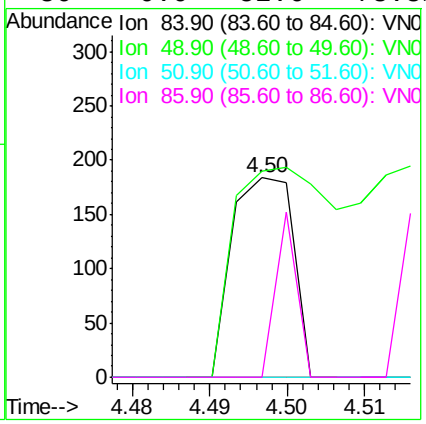


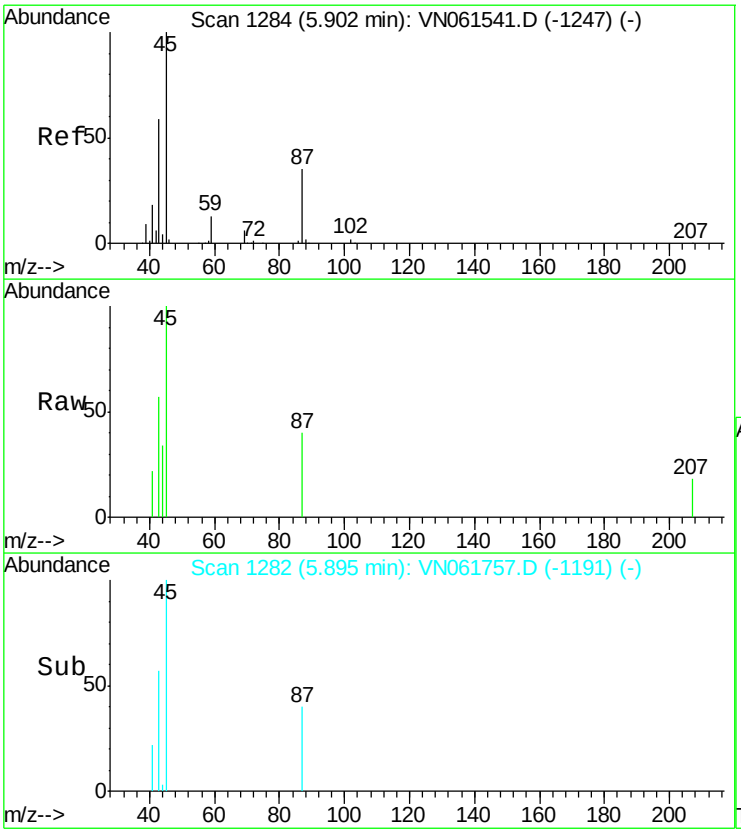
#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Tgt Ion: 84 Resp: 101

Ion	Ratio	Lower	Upper
84	100		
49	103.3	85.8	128.8
51	0.0	26.2	39.2#
86	0.0	52.6	78.8#

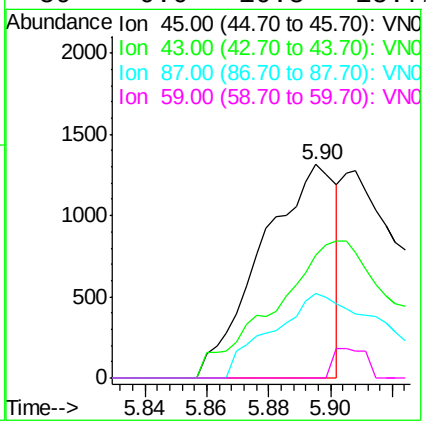


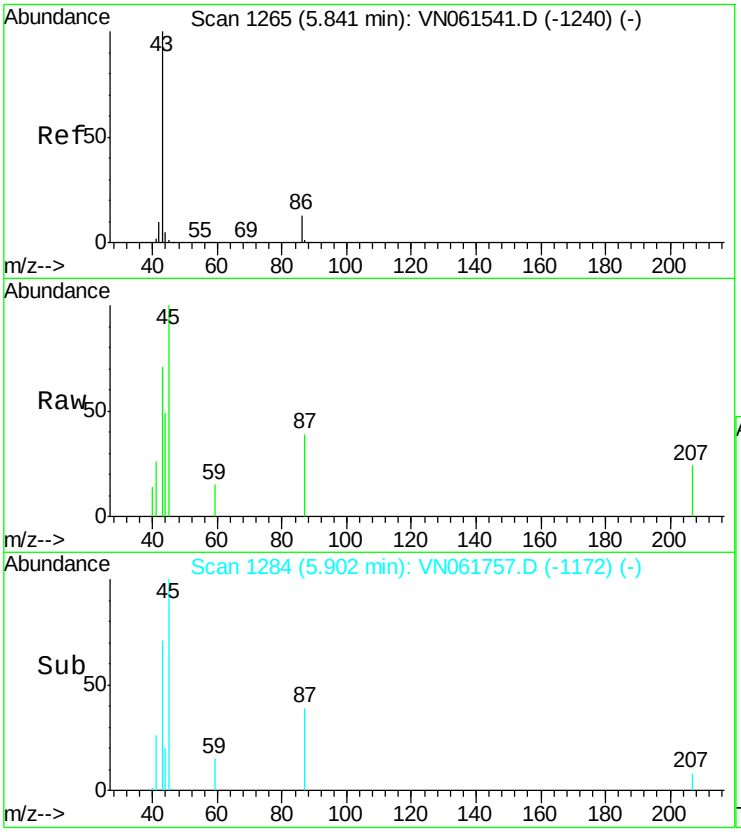


#22
Diisopropyl ether
Concen: 0.264 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 45 Resp: 2177

Ion	Ratio	Lower	Upper
45	100		
43	57.5	47.9	71.9
87	39.8	28.4	42.6
59	0.0	10.5	15.7#



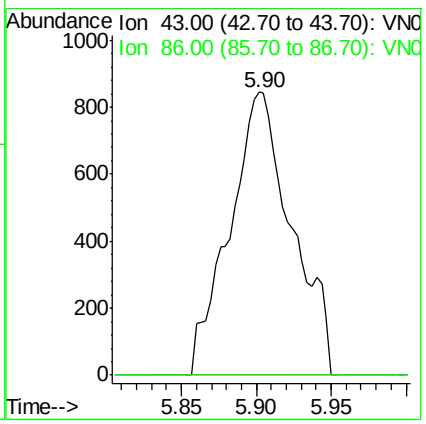


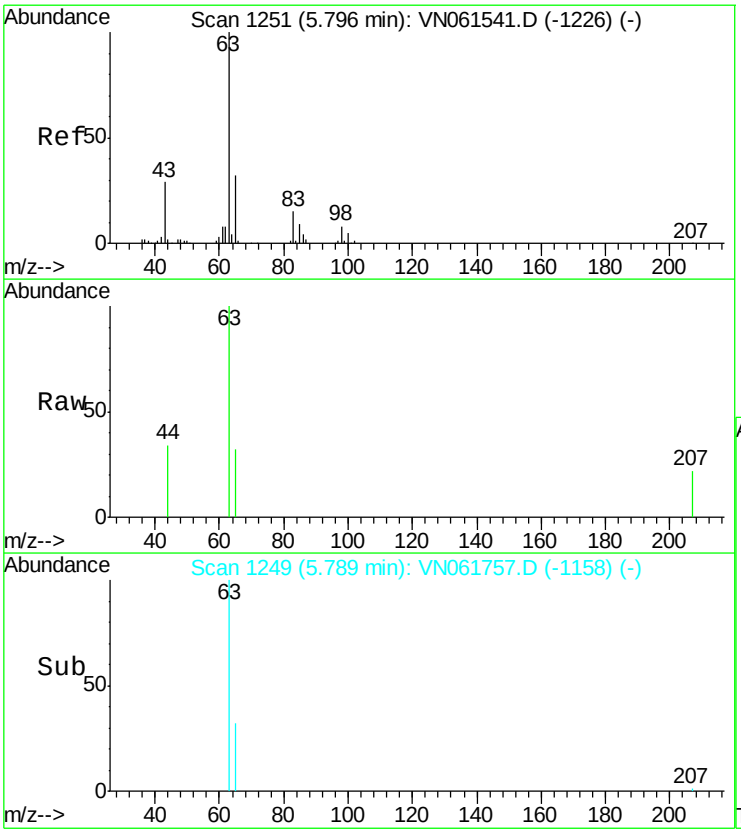
#23
Vinyl Acetate
Concen: 0.372 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.06 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Tgt Ion: 43 Resp: 2440

Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#

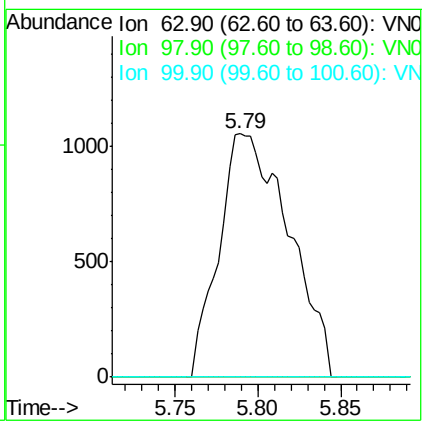


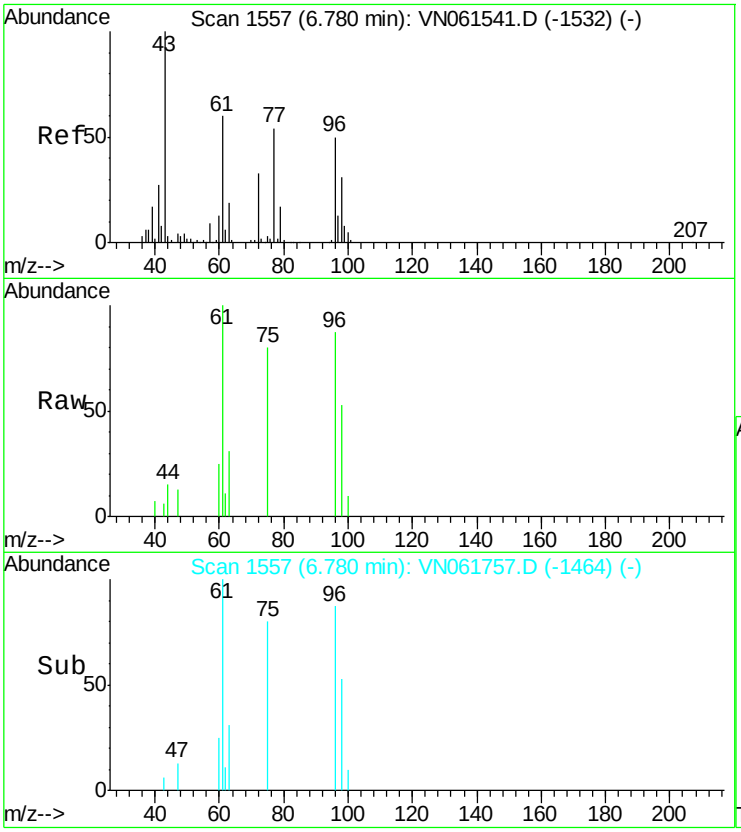


#24
1,1-Dichloroethane
Concen: 0.592 ug/l
RT: 5.79 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 63 Resp: 3092

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.4#
100	0.0	2.5	7.6#



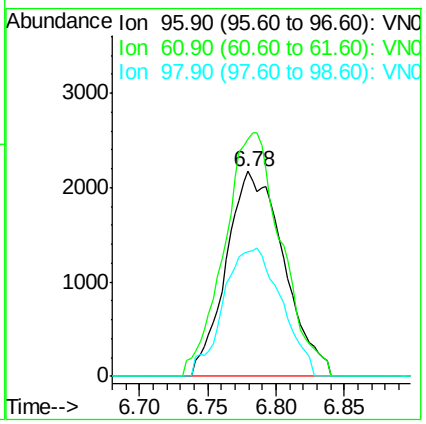


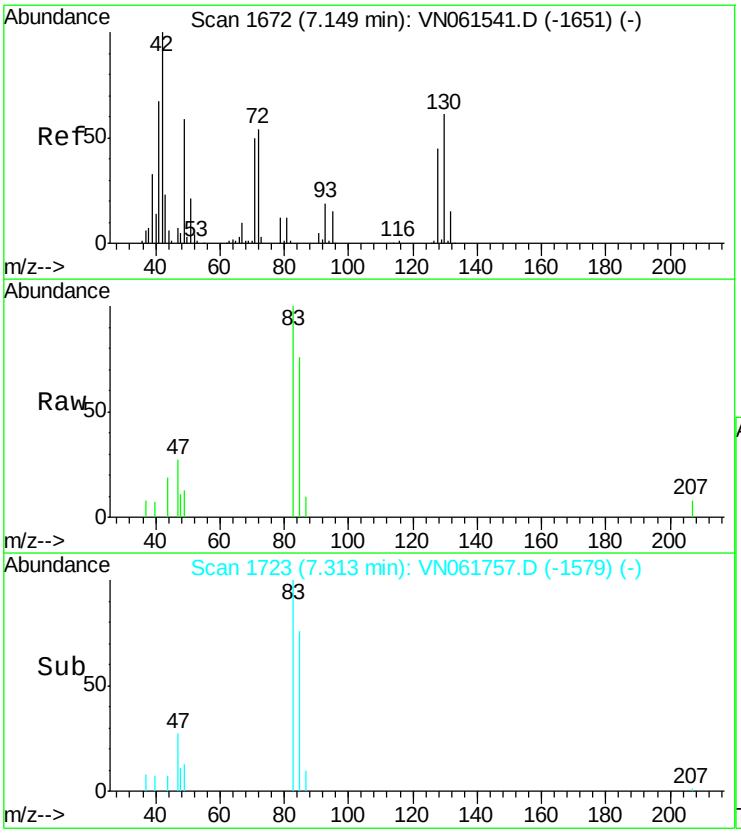
#27
cis-1,2-Dichloroethene
Concen: 1.751 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion: 96 Resp: 6390

Ion	Ratio	Lower	Upper
96	100		
61	117.9	0.0	252.2
98	62.6	0.0	129.2

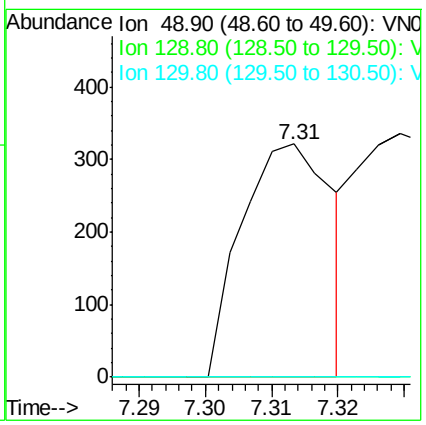


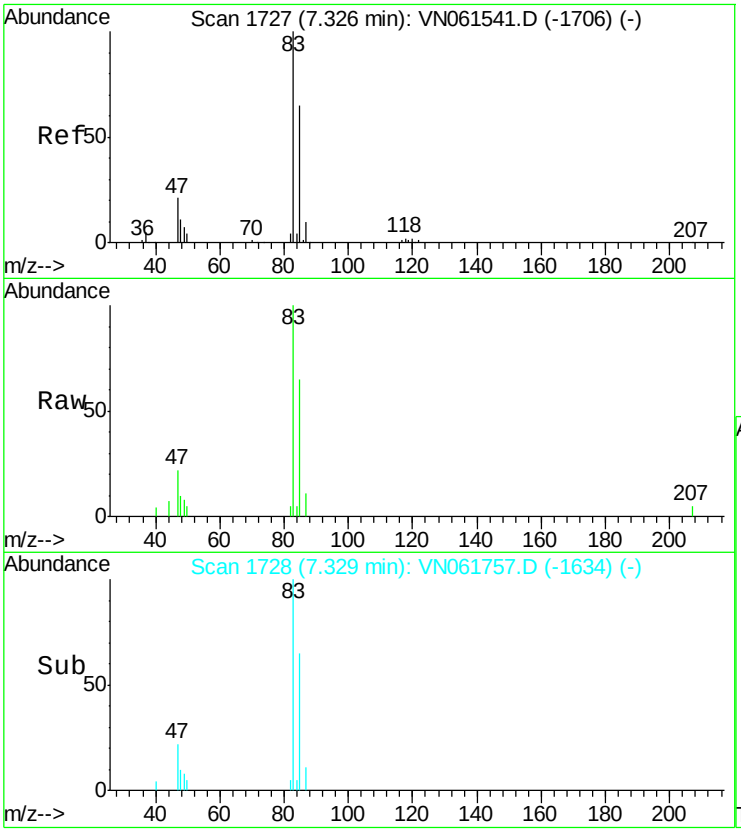


#28
Bromochloromethane
Concen: Below Cal
RT: 7.31 min Scan# 1723
Delta R.T. 0.16 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 49 Resp: 306

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	78.8	118.2#



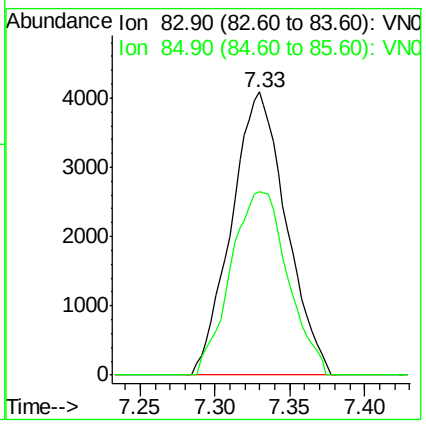


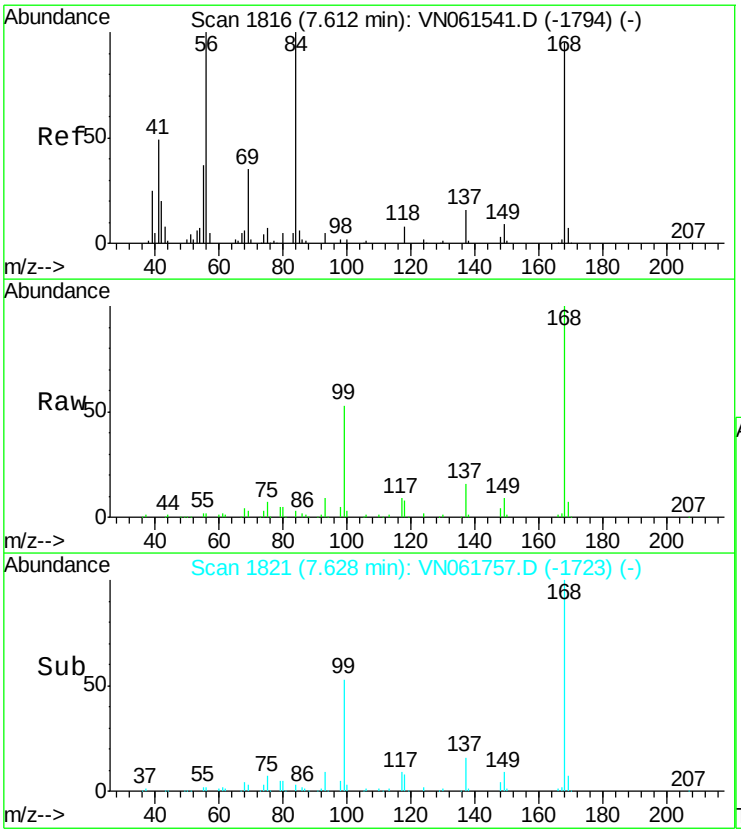
#30
Chloroform
Concen: 1.800 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion: 83 Resp: 10401

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.7	77.5

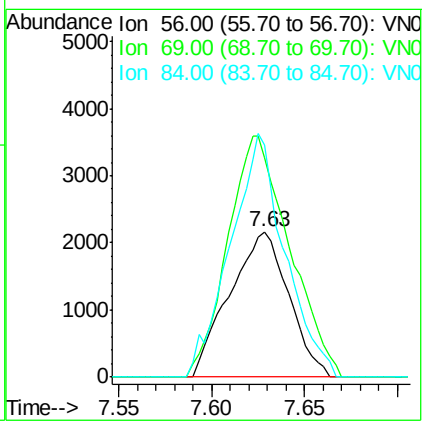


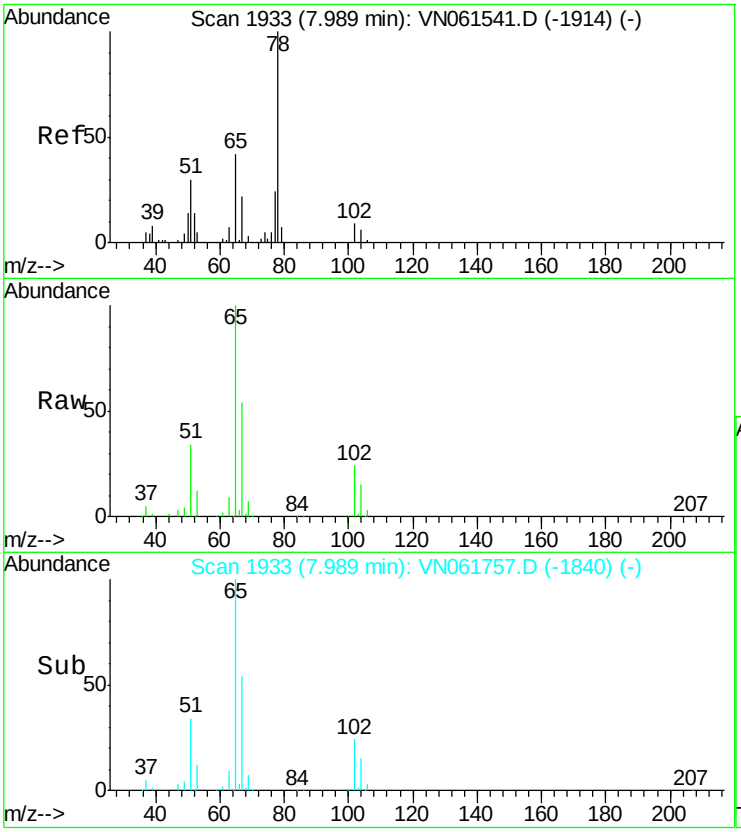


#31
Cyclohexane
Concen: 1.020 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 56 Resp: 4789

Ion	Ratio	Lower	Upper
56	100		
69	151.1	27.8	41.8#
84	159.7	79.9	119.9#



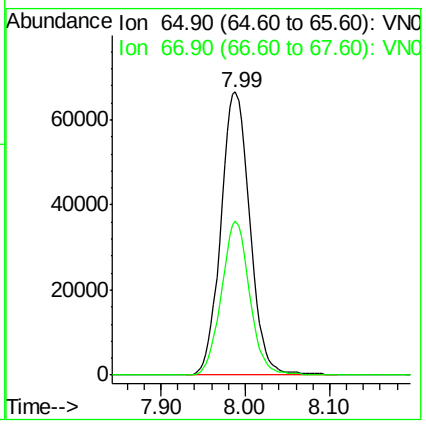


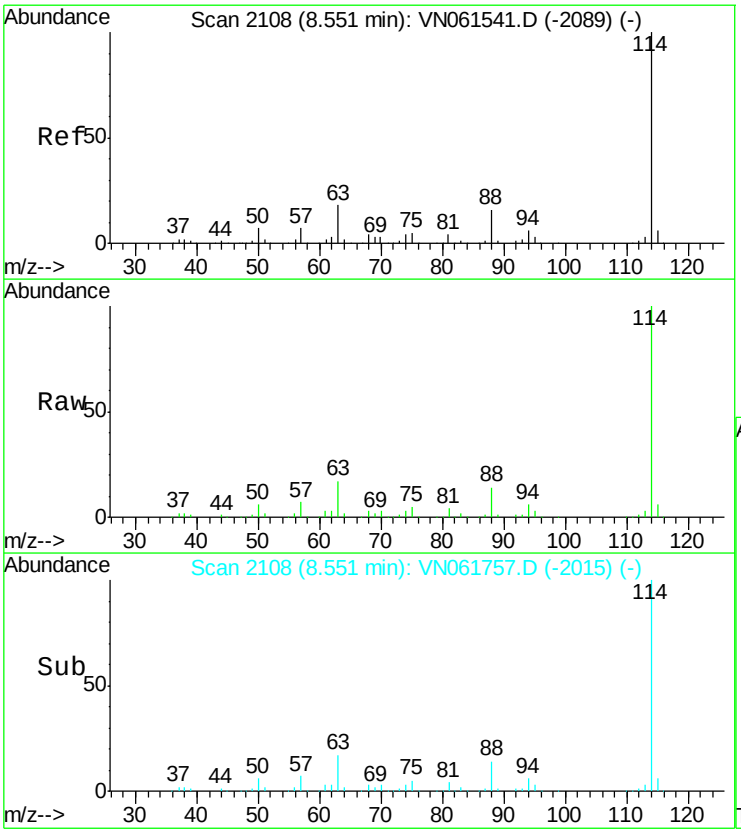
#33
1,2-Dichloroethane-d4
Concen: 47.837 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion: 65 Resp: 159408

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.8

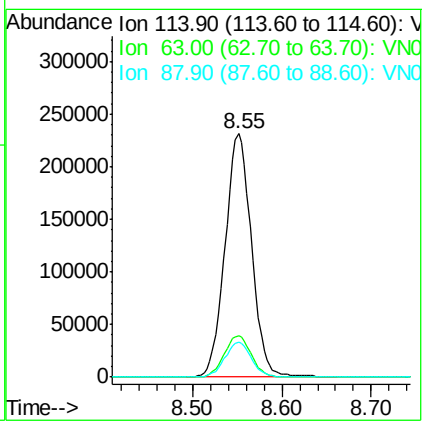


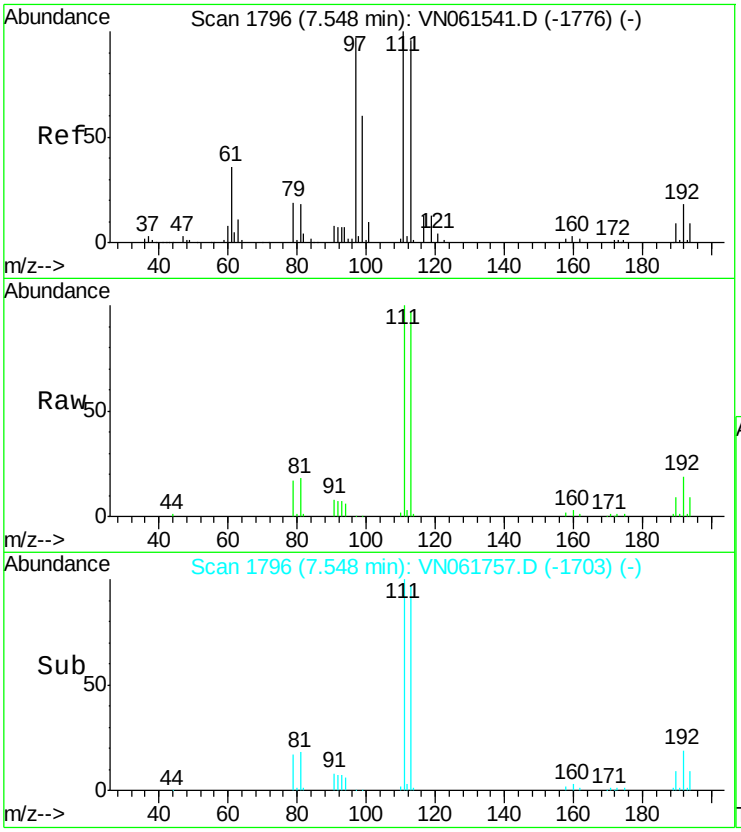


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion:114 Resp: 475365

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.8
88	14.3	0.0	31.0



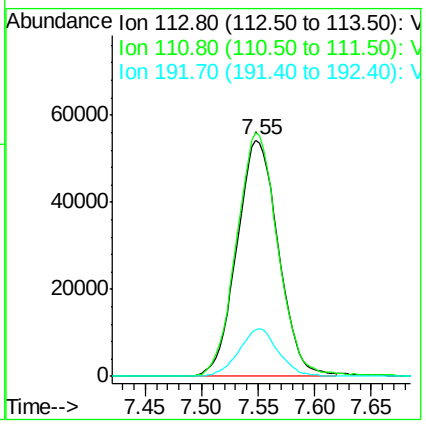


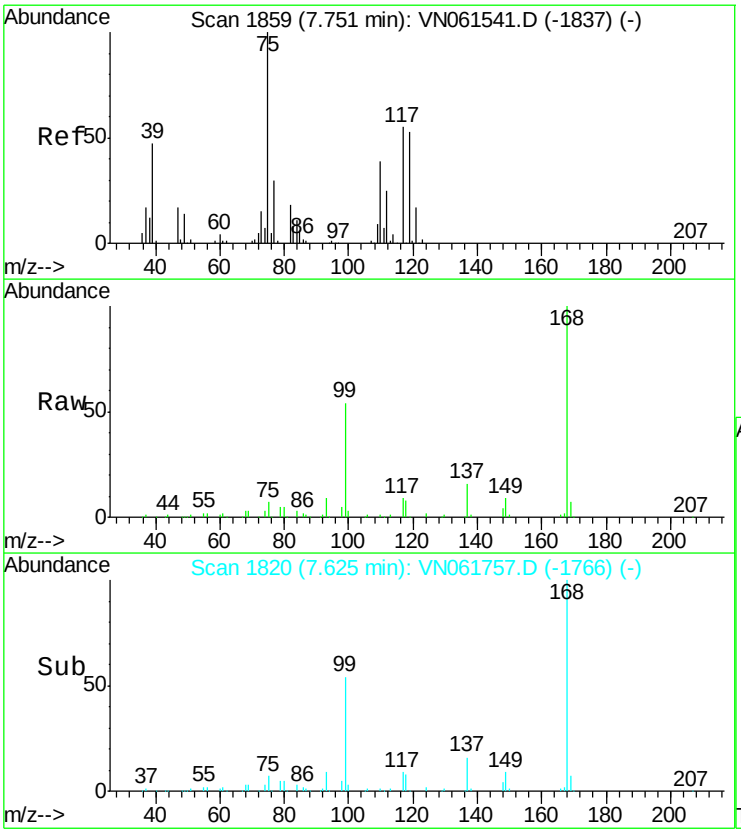
#35
Dibromofluoromethane
Concen: 57.507 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion:113 Resp: 138674

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.0
192	19.2	15.4	23.2

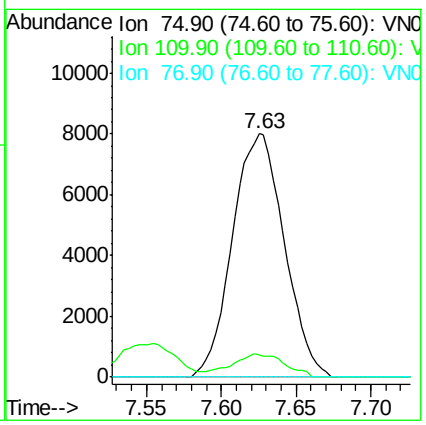


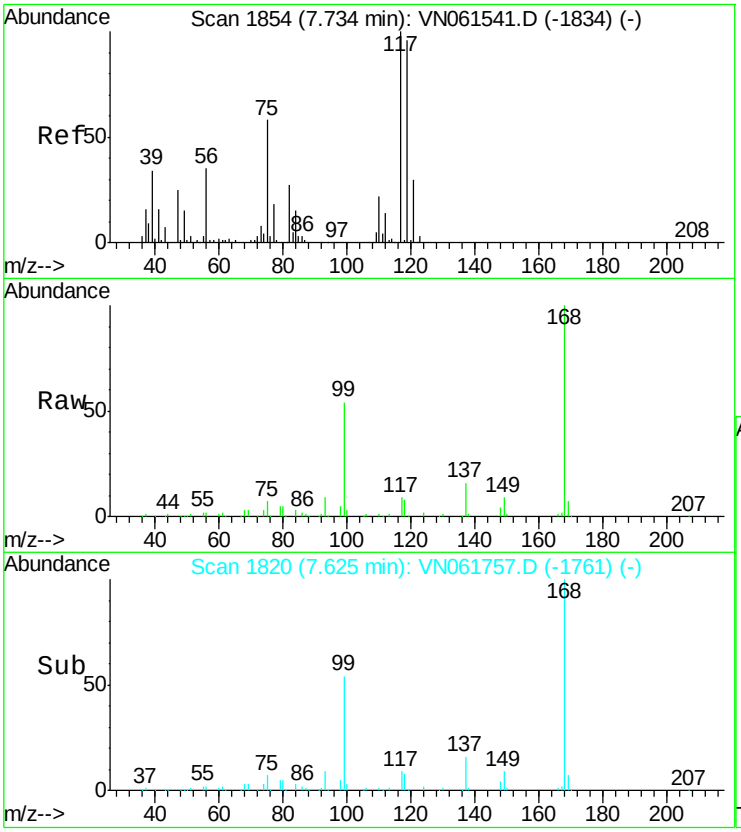


#36
1,1-Dichloropropene
Concen: 4.581 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 75 Resp: 19277

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.5	58.5#
77	0.0	24.7	37.1#



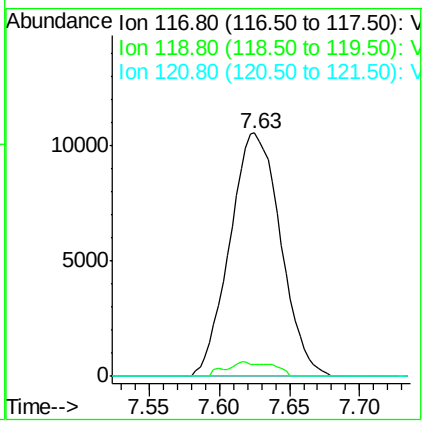


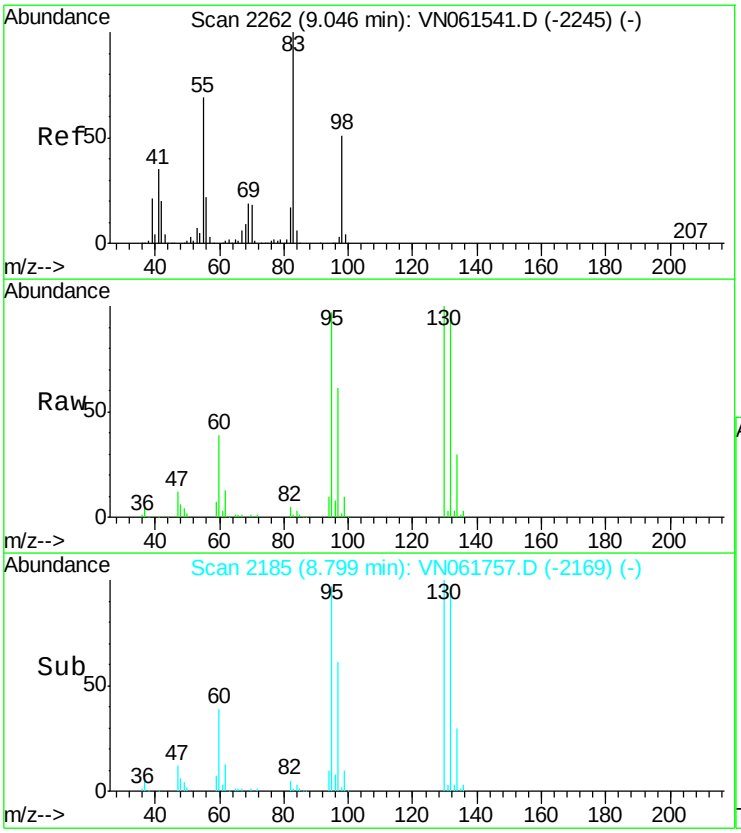
#38
Carbon Tetrachloride
Concen: 6.528 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion:117 Resp: 26500

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.5	114.7#
121	0.0	24.1	36.1#

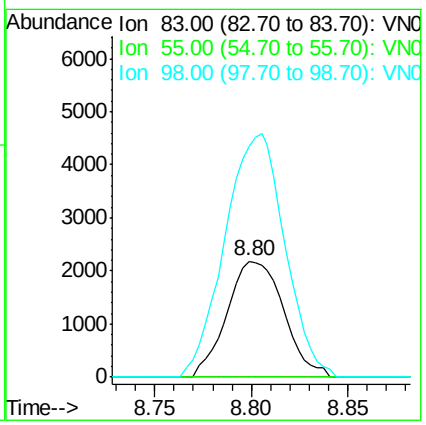


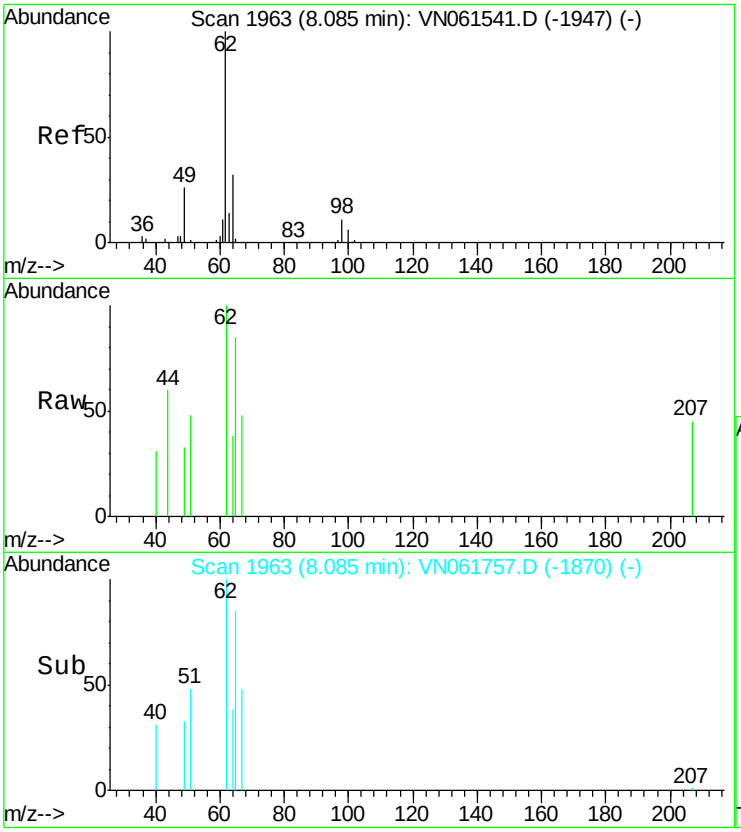


#39
Methylcyclohexane
Concen: 0.857 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.25 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 83 Resp: 4447

Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.9	82.3#
98	199.1	41.0	61.4#



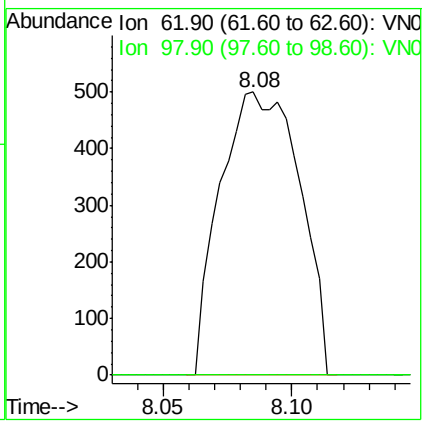


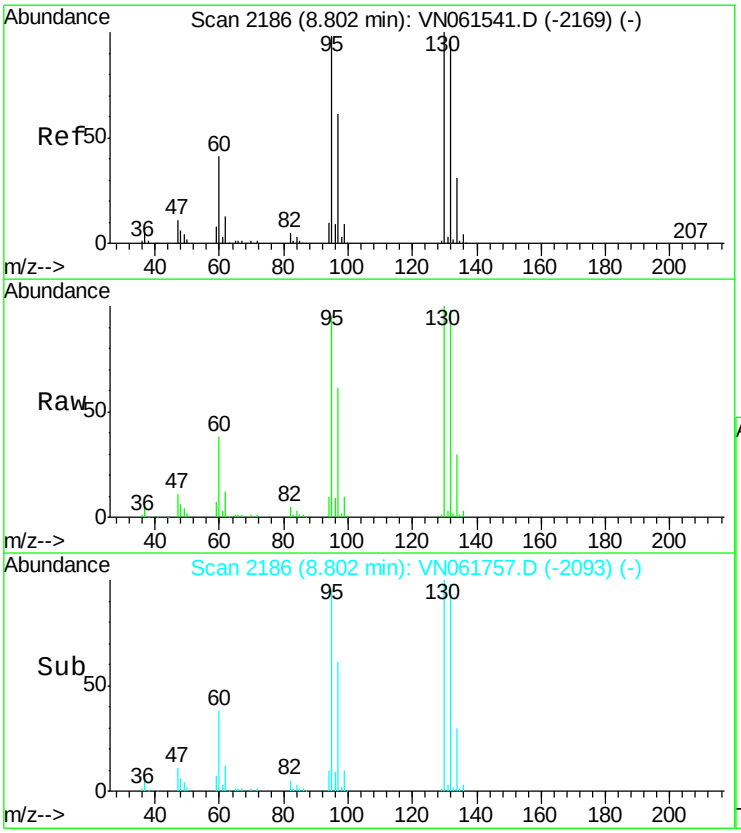
#42
1,2-Dichloroethane
Concen: 0.247 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion: 62 Resp: 1074

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	21.4

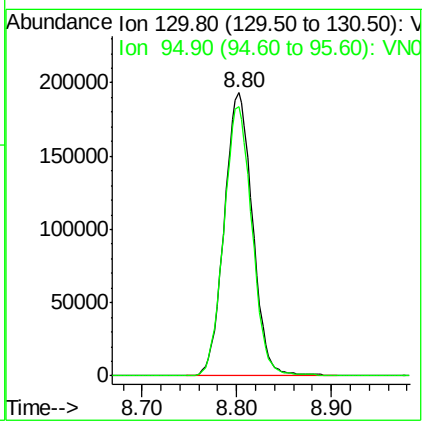


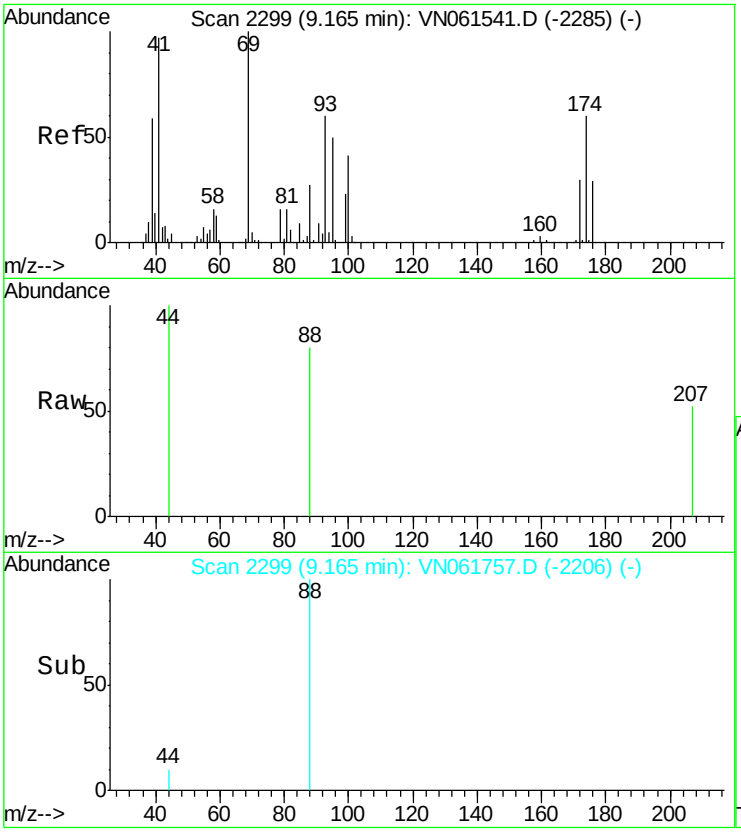


#44
Trichloroethene
Concen: 100.473 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion:130 Resp: 400925

Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	196.6



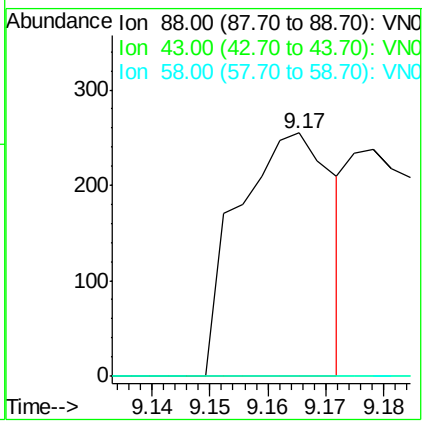


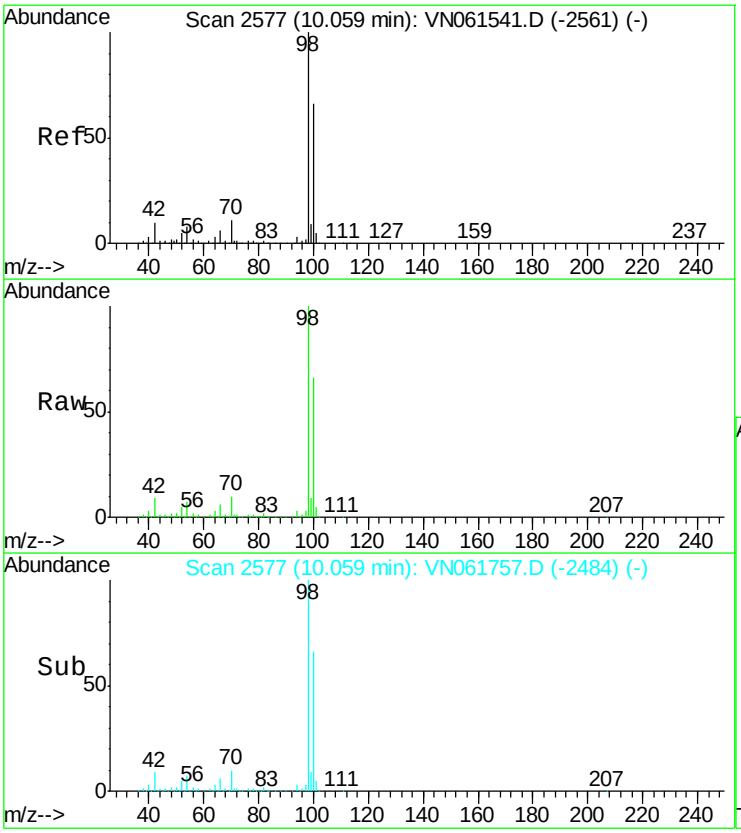
#49
1,4-Dioxane
Concen: 6.800 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Tgt Ion: 88 Resp: 289

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.1	34.7#
58	0.0	48.3	72.5#

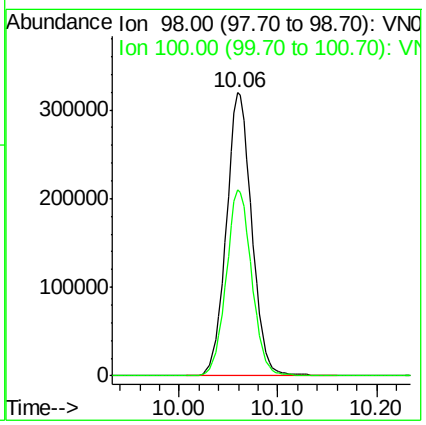


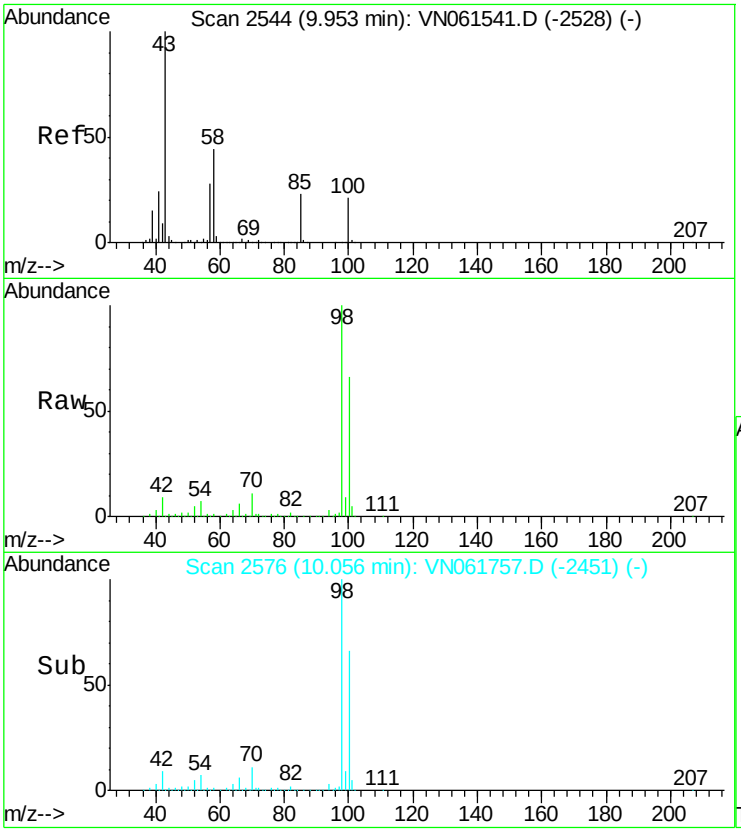


#50
Toluene-d8
Concen: 51.454 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 98 Resp: 574992

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.8	79.2



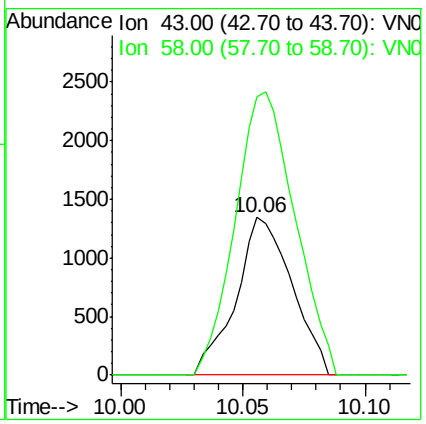


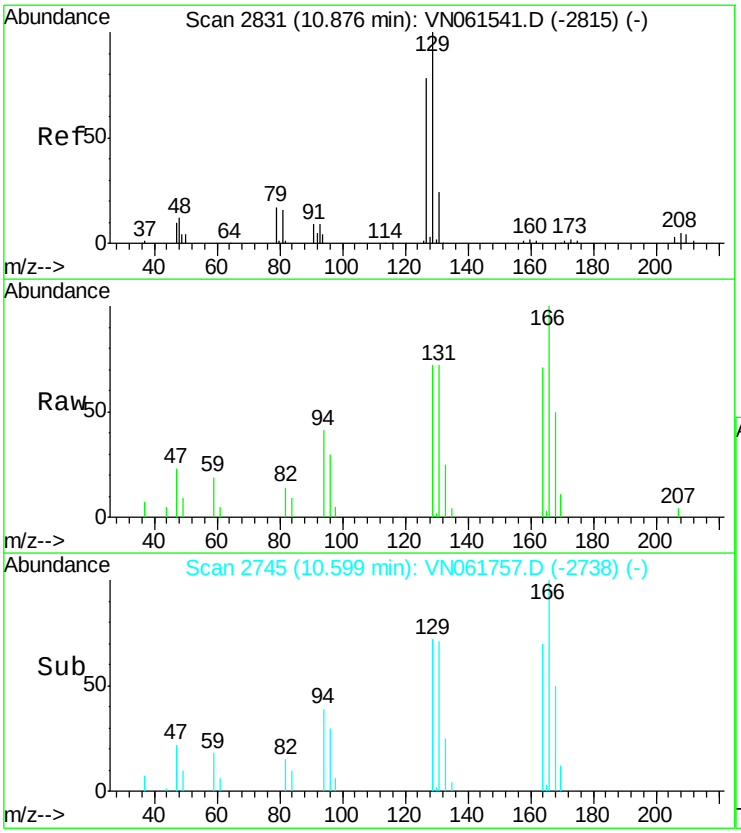
#51
4-Methyl-2-Pentanone
Concen: 0.622 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. 0.10 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Tgt Ion: 43 Resp: 2136

Ion	Ratio	Lower	Upper
43	100		
58	191.6	35.0	52.6#

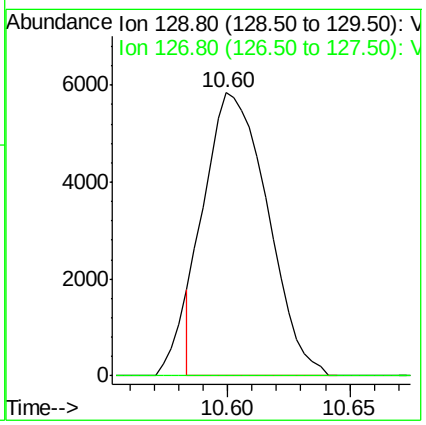


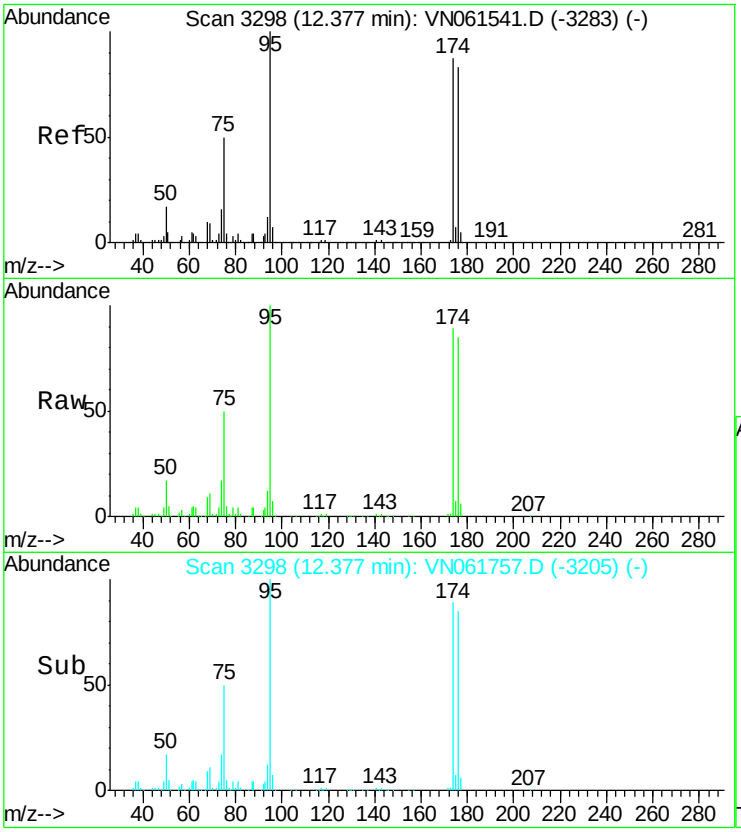


#60
Dibromochloromethane
Concen: 2.715 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.28 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion:129 Resp: 10421

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.8	116.3#



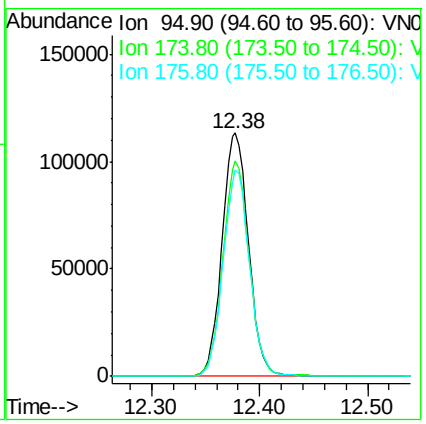


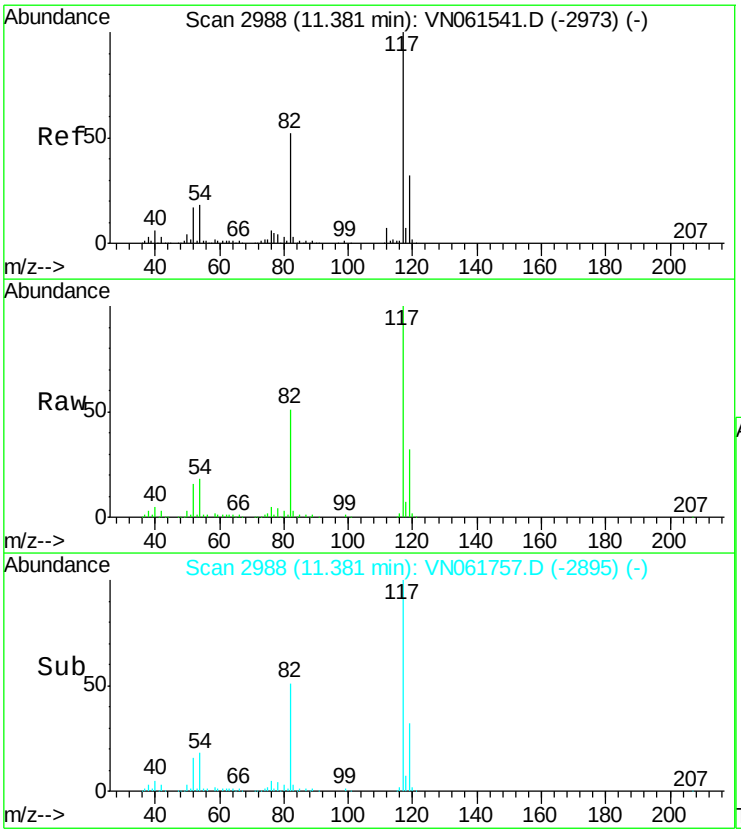
#62
4-Bromofluorobenzene
Concen: 47.524 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion: 95 Resp: 193757

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	172.8
176	84.6	0.0	164.8

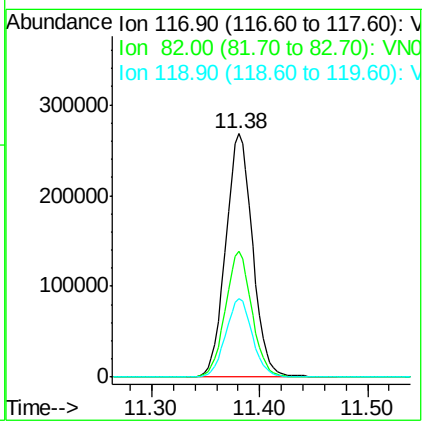


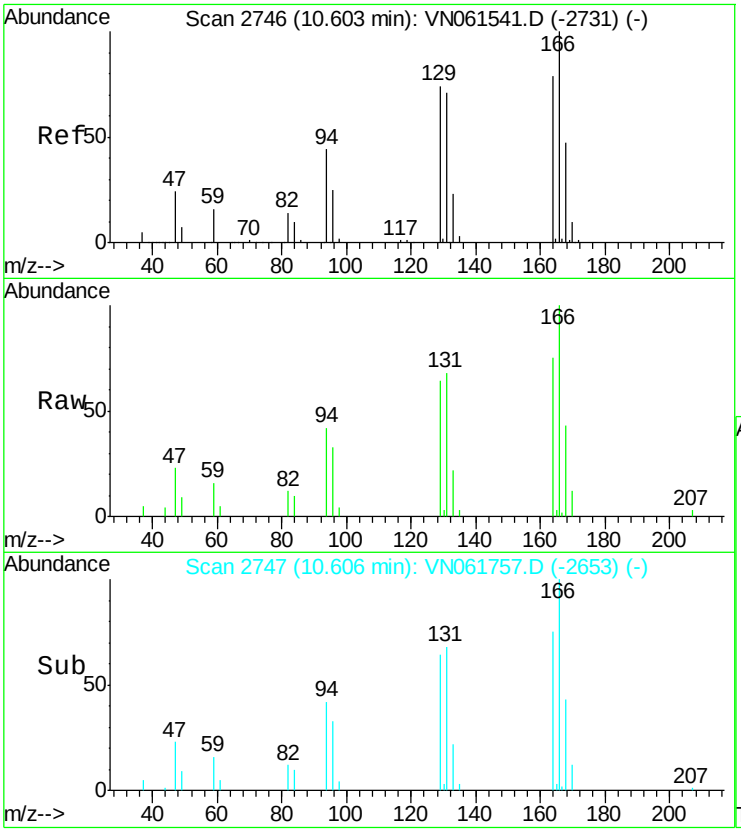


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion:117 Resp: 465888

Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.5	62.3
119	32.4	25.6	38.4



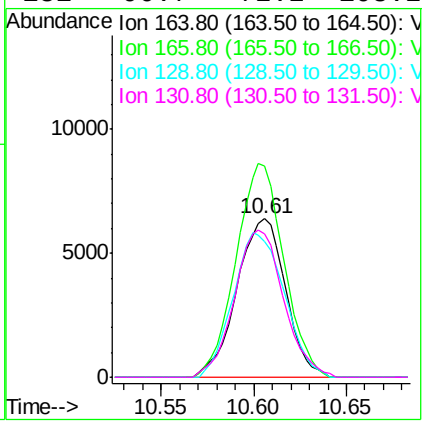


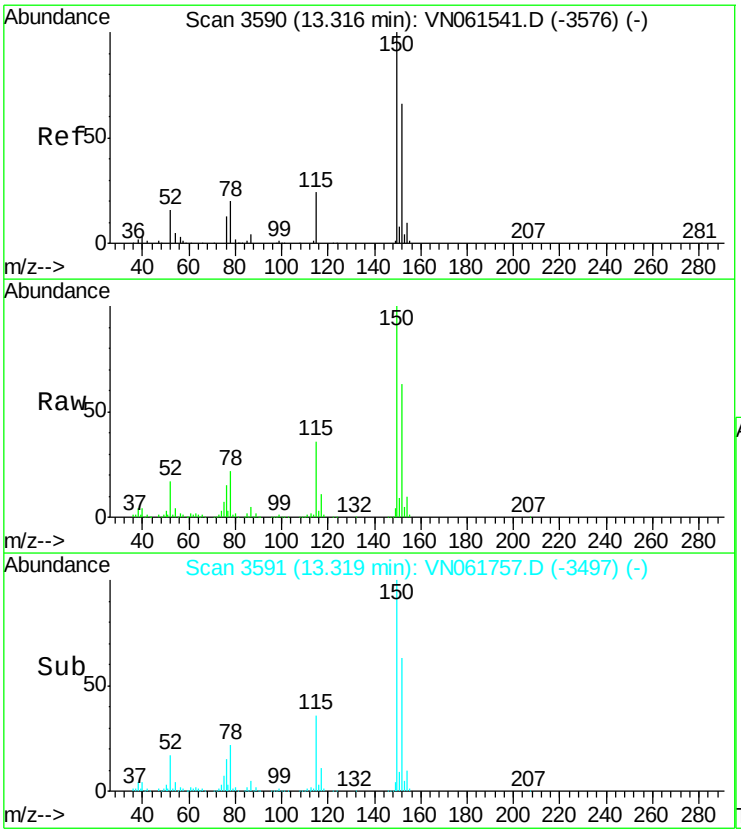
#64
Tetrachloroethene
Concen: 2.640 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument : MSVOA_N
ClientSampleId : RE132D1-20200608

Tgt Ion:164 Resp: 11578

Ion	Ratio	Lower	Upper
164	100		
166	133.4	101.5	152.3
129	85.7	74.9	112.3
131	90.7	72.2	108.2

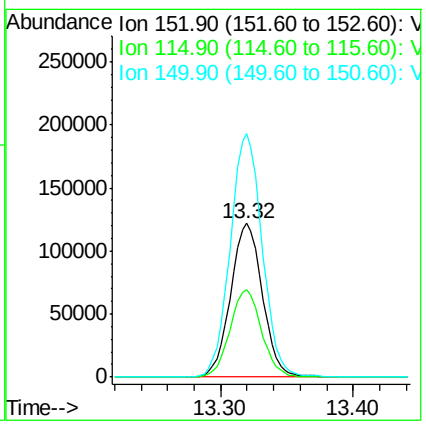


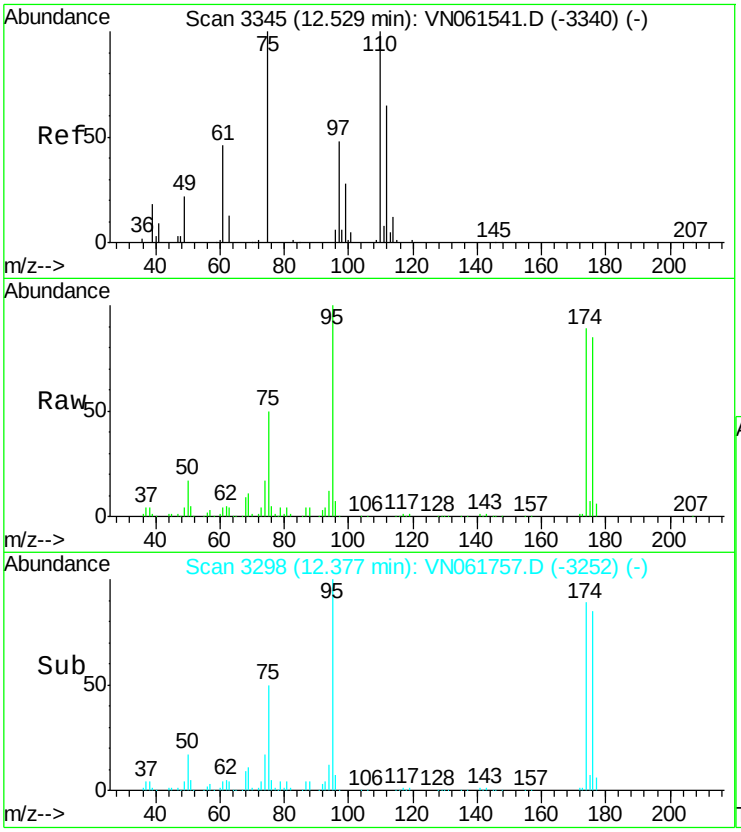


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion:152 Resp: 203026

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.0	84.0
150	159.8	0.0	344.0



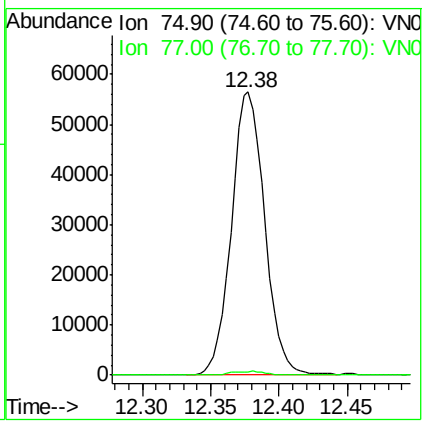


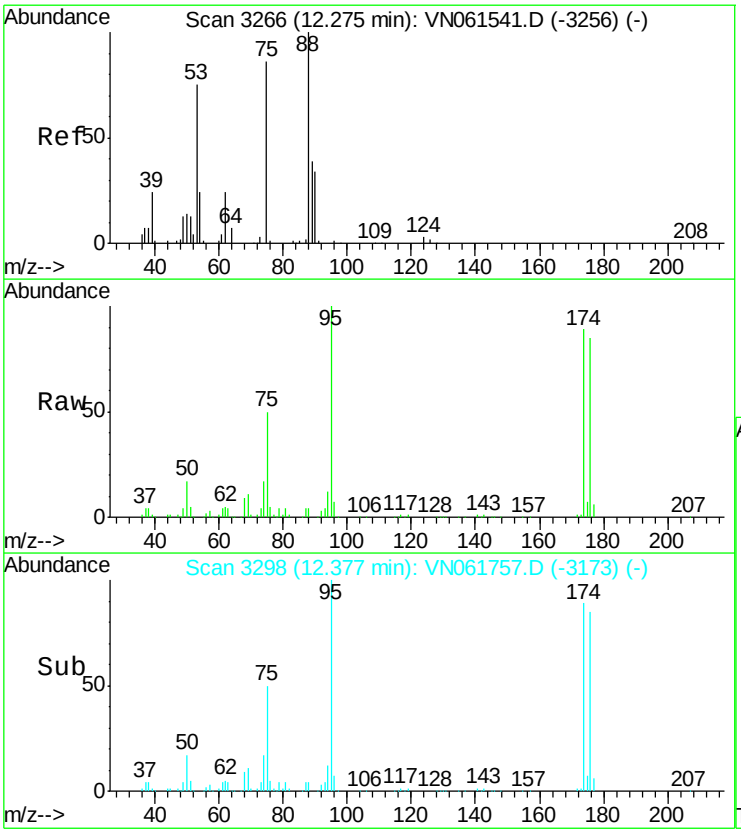
#76
1,2,3-Trichloropropane
Concen: 25.851 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20200608

Tgt Ion: 75 Resp: 95436

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.107 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061757.D
Acq: 11 Jun 2020 19:10

Tgt Ion: 75 Resp: 95436

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.8	101.8#
89	0.0	37.1	55.7#