Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061920\
Data File : VN061985.D
Acq On : 20 Jun 2020 8:28
Operator : JC/MD
Sample : L3043-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DUP05-20200615

Quant Time: Jun 22 00:44:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	131523	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	247724	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	238826	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89329	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	92121	52.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.46%				
35) Dibromofluoromethane	7.55	113	80611	50.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.72%				
50) Toluene-d8	10.06	98	314343	50.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.90%				
62) 4-Bromofluorobenzene	12.38	95	102198	47.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	1767	1.318	ug/l		89
3) Chloromethane	2.03	50	675	0.370	ug/l	#	77
4) Vinyl Chloride	2.16	62	663	0.305	ug/l	#	43
7) Trichlorofluoromethane	2.99	101	756	0.291	ug/l	#	58
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29868	22.395	ug/l		98
12) 1,1-Dichloroethene	3.69	96	11770	8.808	ug/l		94
14) Allyl chloride	4.02	41	1323	0.746	ug/l	#	58
16) Acetone	3.78	43	2807	5.387	ug/l	#	87
18) Methyl Acetate	4.27	43	451	0.301	ug/l	#	46
24) 1,1-Dichloroethane	5.80	63	3875	1.459	ug/l	#	82
27) cis-1,2-Dichloroethene	6.79	96	4252	2.401	ug/l		89
30) Chloroform	7.33	83	2960	1.043	ug/l		91
31) Cyclohexane	7.63	56	2671	1.149	ug/l	#	9
32) 1,1,1-Trichloroethane	7.52	97	1702	0.704	ug/l	#	42
36) 1,1-Dichloropropene	7.63	75	10749	4.757	ug/l	#	48
38) Carbon Tetrachloride	7.73	117	3346	1.495	ug/l		93
39) Methylcyclohexane	8.80	83	6099	2.507	ug/l	#	1
44) Trichloroethene	8.80	130	509428	282.808	ug/l		99
49) 1,4-Dioxane	9.17	88	451	14.527	ug/l	#	54
51) 4-Methyl-2-Pentanone	10.06	43	1360	0.774	ug/l	#	1
55) 1,1,2-Trichloroethane	10.54	97	931	0.550	ug/l	#	68
60) Dibromochloromethane	10.60	129	810	0.429	ug/l	#	11
64) Tetrachloroethene	10.61	164	881	0.579	ug/l	#	84
71) Bromoform	12.38	173	980	0.765	ug/l	#	1
76) 1,2,3-Trichloropropane	12.38	75	50015	28.519	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50015	77.783	ug/l	#	14

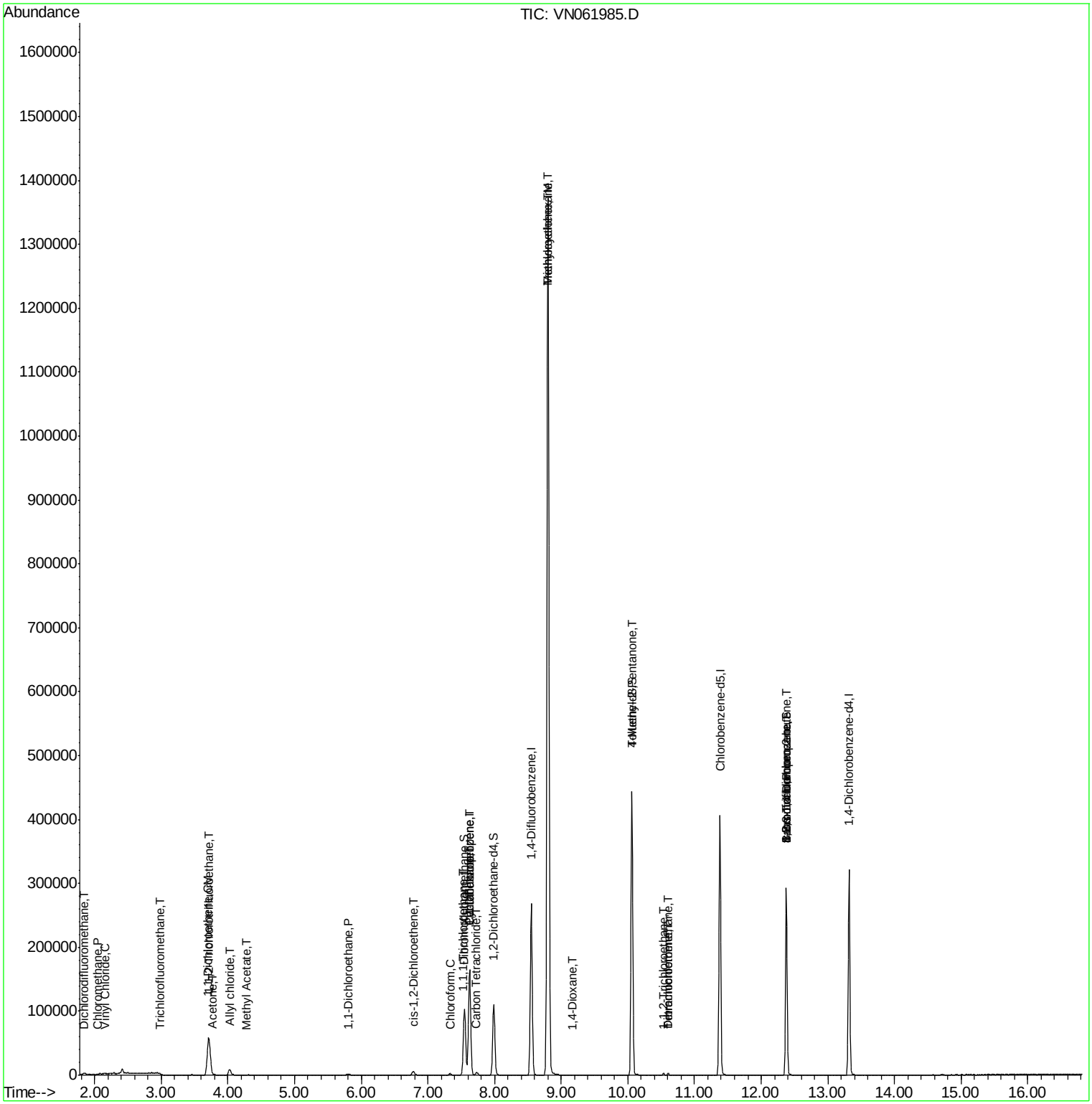
(#) = qualifier out of range (m) = manual integration (+) = signals summed

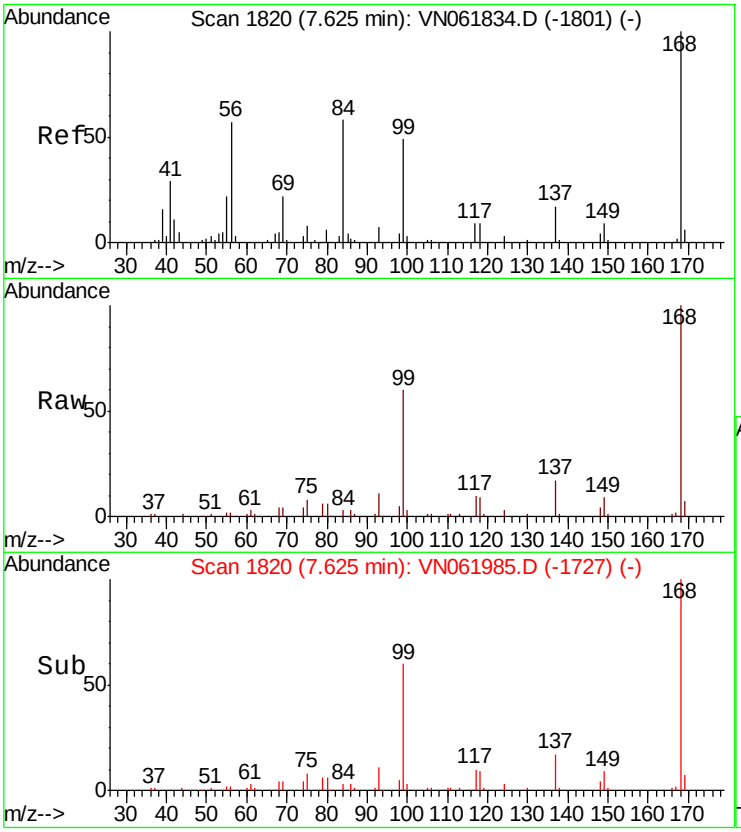
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061920\
Data File : VN061985.D
Acq On : 20 Jun 2020 8:28
Operator : JC/MD
Sample : L3043-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : DUP05-20200615

Quant Time: Jun 22 00:44:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration



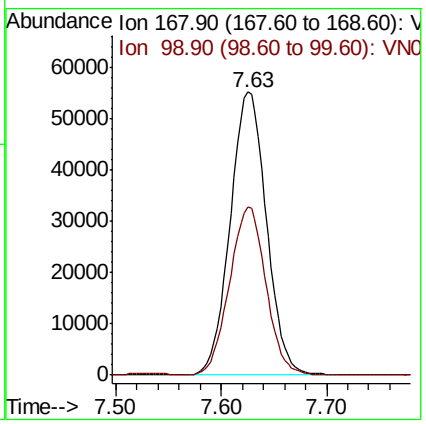


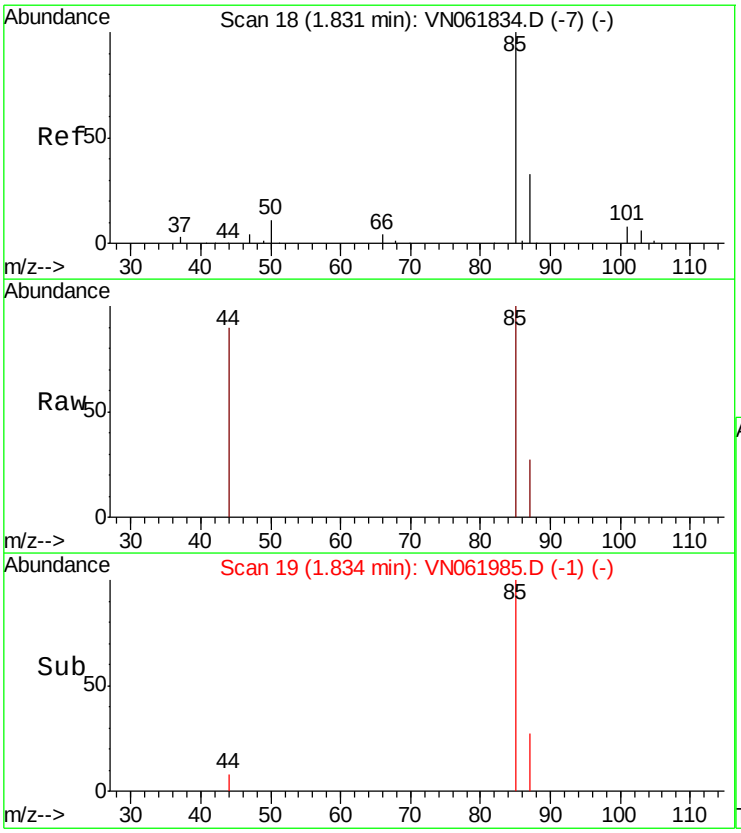
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion:168 Resp: 131523

Ion	Ratio	Lower	Upper
168	100		
99	59.5	44.6	67.0

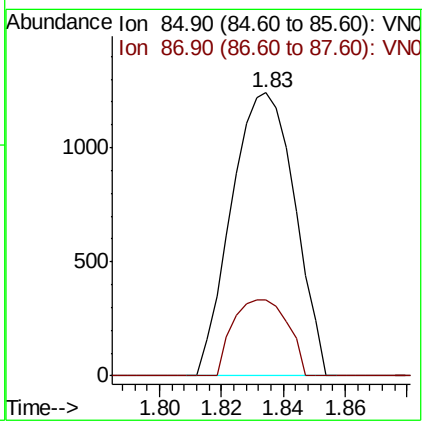


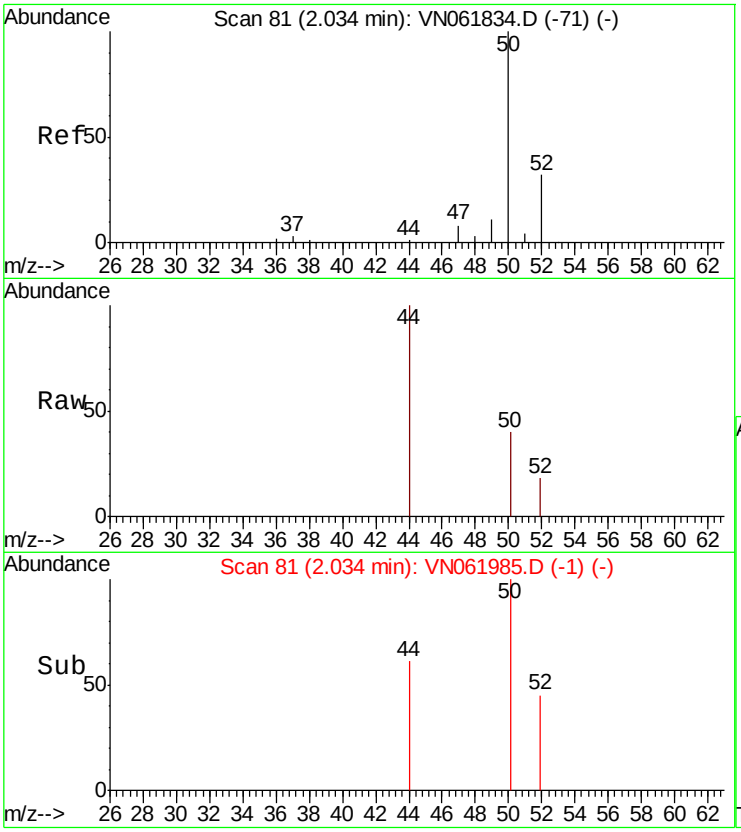


#2
Dichlorodifluoromethane
Concen: 1.318 ug/l
RT: 1.83 min Scan# 19
Delta R.T. 0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 85 Resp: 1767

Ion	Ratio	Lower	Upper
85	100		
87	26.7	16.6	49.8



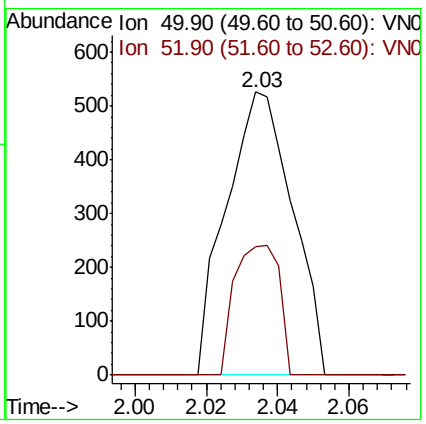


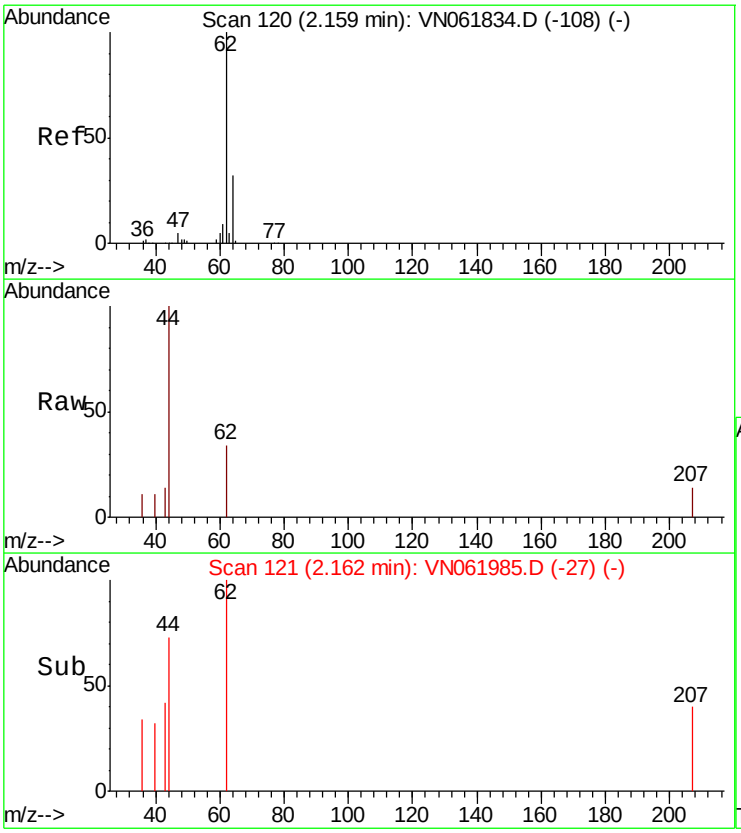
#3
Chloromethane
Concen: 0.370 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 50 Resp: 675

Ion	Ratio	Lower	Upper
50	100		
52	45.4	26.0	39.0#

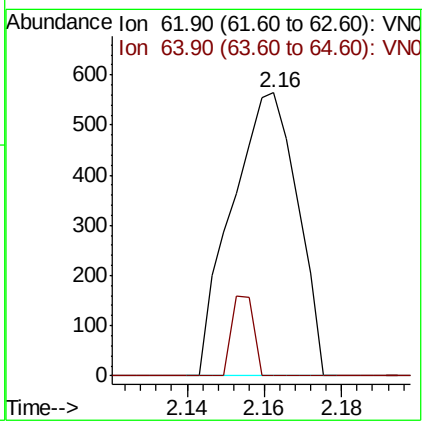


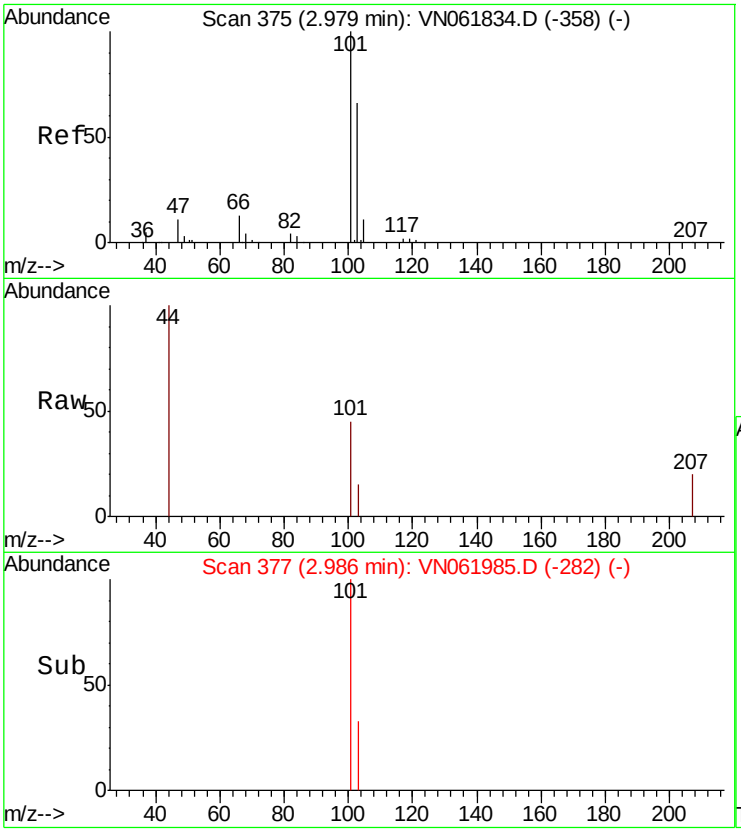


#4
Vinyl Chloride
Concen: 0.305 ug/l
RT: 2.16 min Scan# 121
Delta R.T. 0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 62 Resp: 663

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.5	38.3#



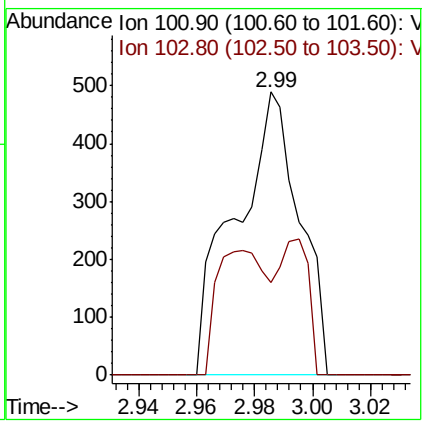


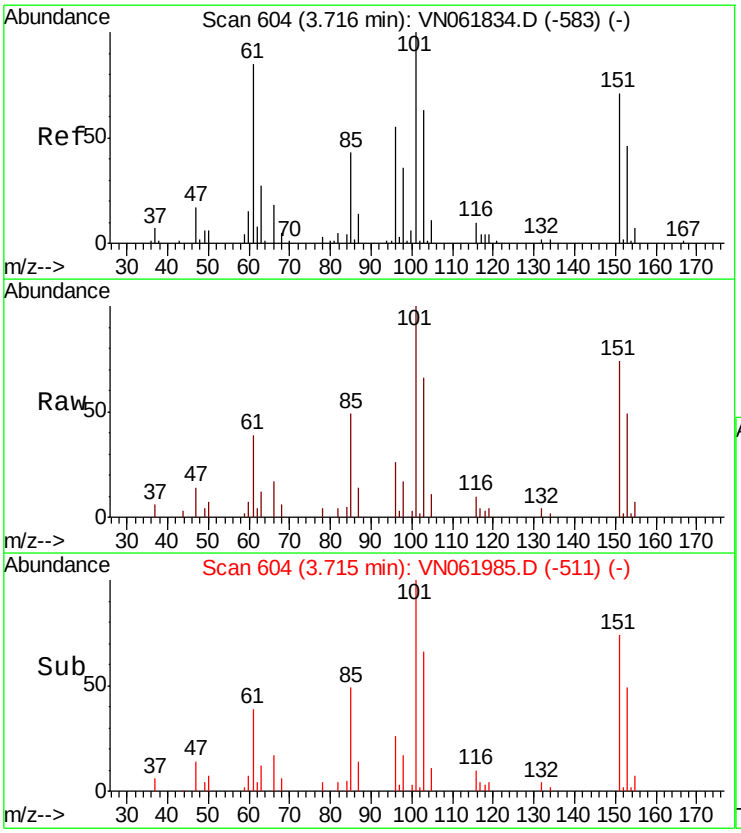
#7
Trichlorofluoromethane
Concen: 0.291 ug/l
RT: 2.99 min Scan# 377
Delta R.T. 0.01 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion:101 Resp: 756

Ion	Ratio	Lower	Upper
101	100		
103	32.5	52.8	79.2#

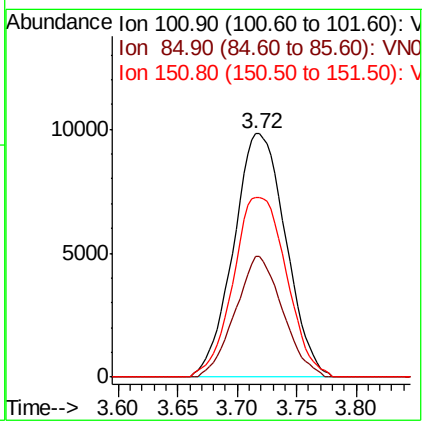


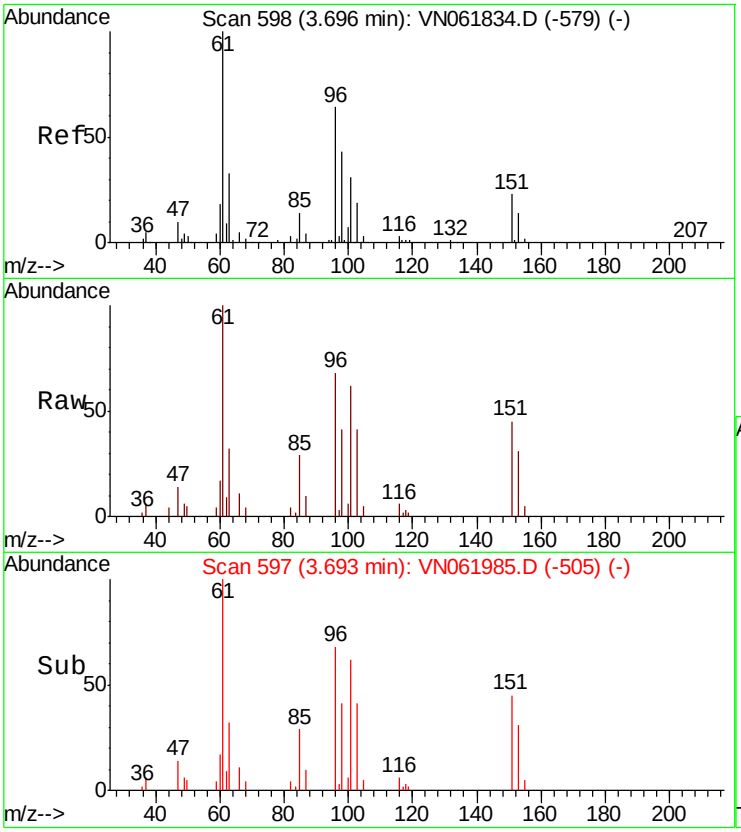


#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.395 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion:101 Resp: 29868

Ion	Ratio	Lower	Upper
101	100		
85	45.0	35.0	52.6
151	75.2	59.2	88.8



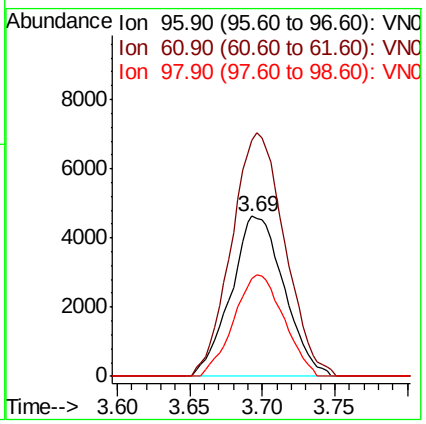


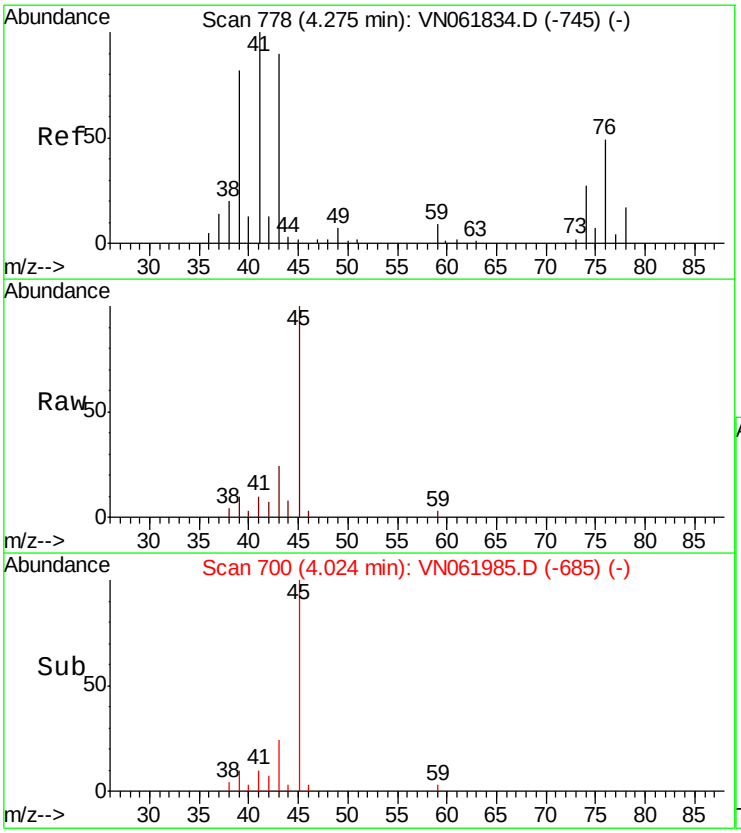
#12
1,1-Dichloroethene
Concen: 8.808 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument : MSVOA_N
ClientSampleId : DUP05-20200615

Tgt Ion: 96 Resp: 11770

Ion	Ratio	Lower	Upper
96	100		
61	147.6	124.3	186.5
98	61.2	53.1	79.7

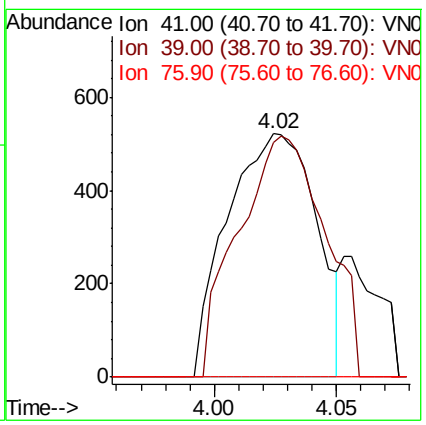


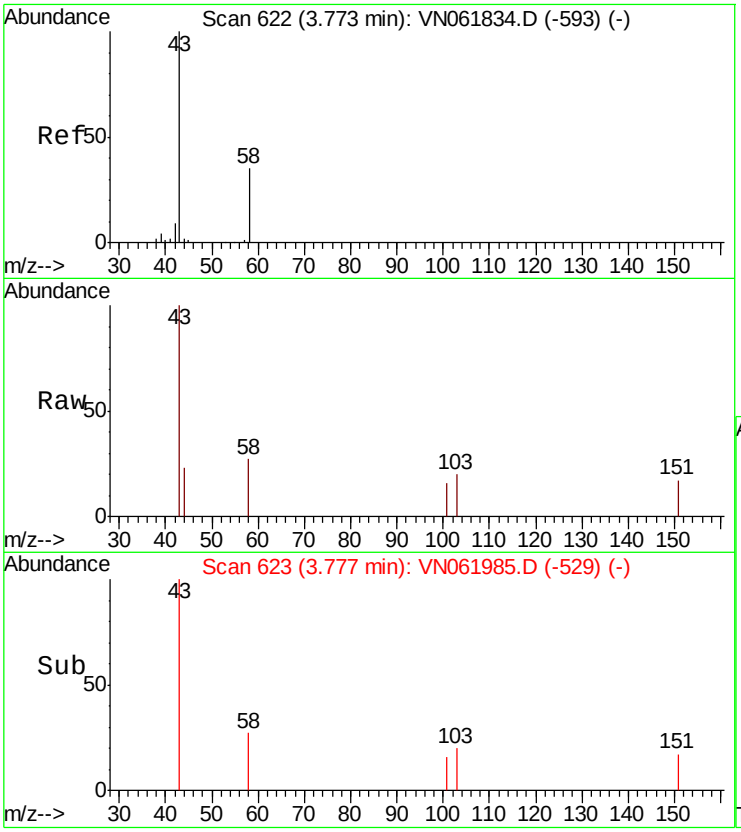


#14
Allyl chloride
Concen: 0.746 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.25 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 41 Resp: 1323

Ion	Ratio	Lower	Upper
41	100		
39	97.1	60.2	90.2#
76	0.0	36.3	54.5#



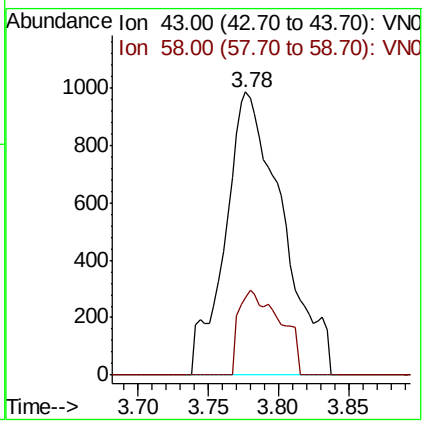


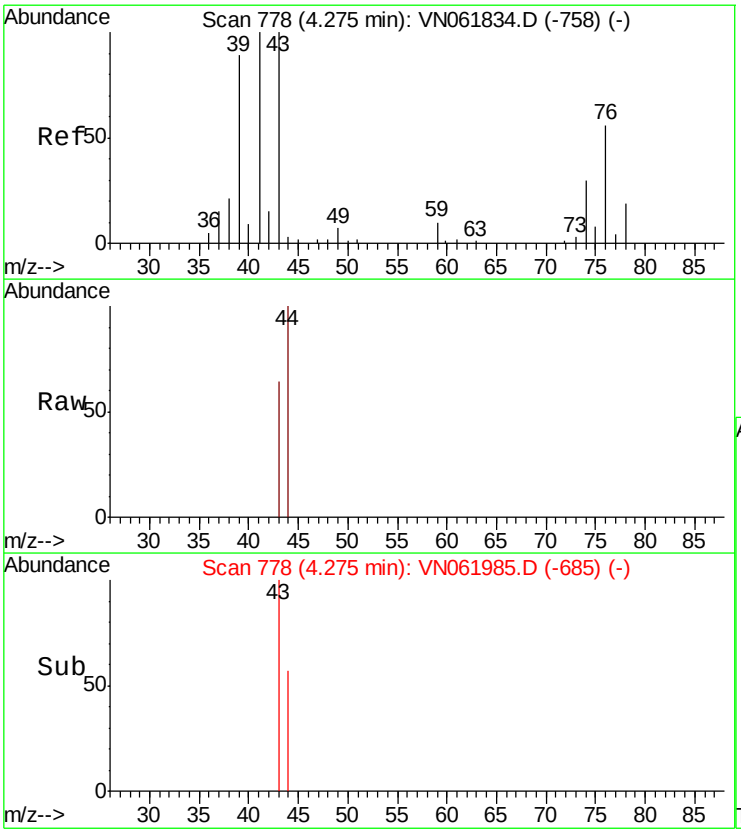
#16
Acetone
Concen: 5.387 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 43 Resp: 2807

Ion	Ratio	Lower	Upper
43	100		
58	27.2	27.8	41.8#

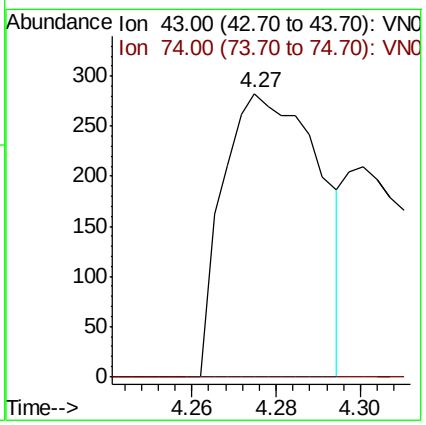


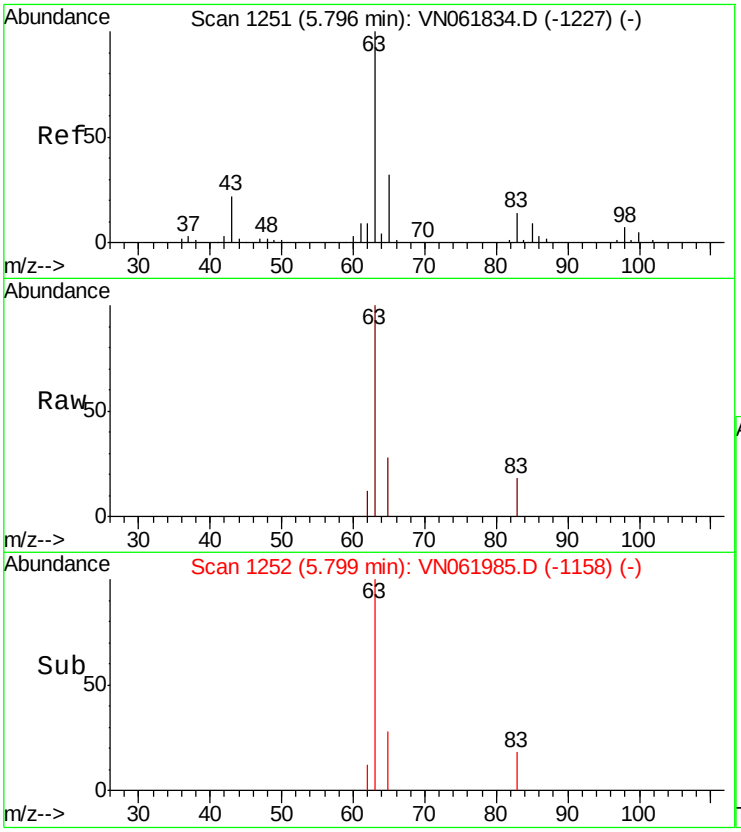


#18
Methyl Acetate
Concen: 0.301 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 43 Resp: 451

Ion	Ratio	Lower	Upper
43	100		
74	0.0	23.0	34.4#



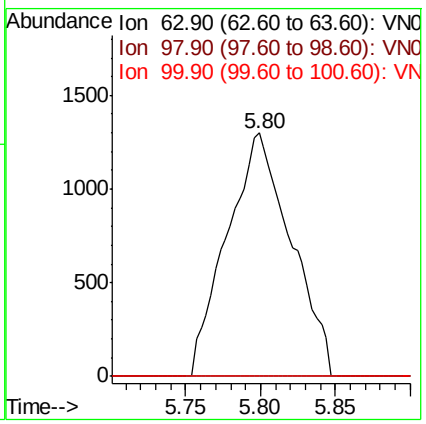


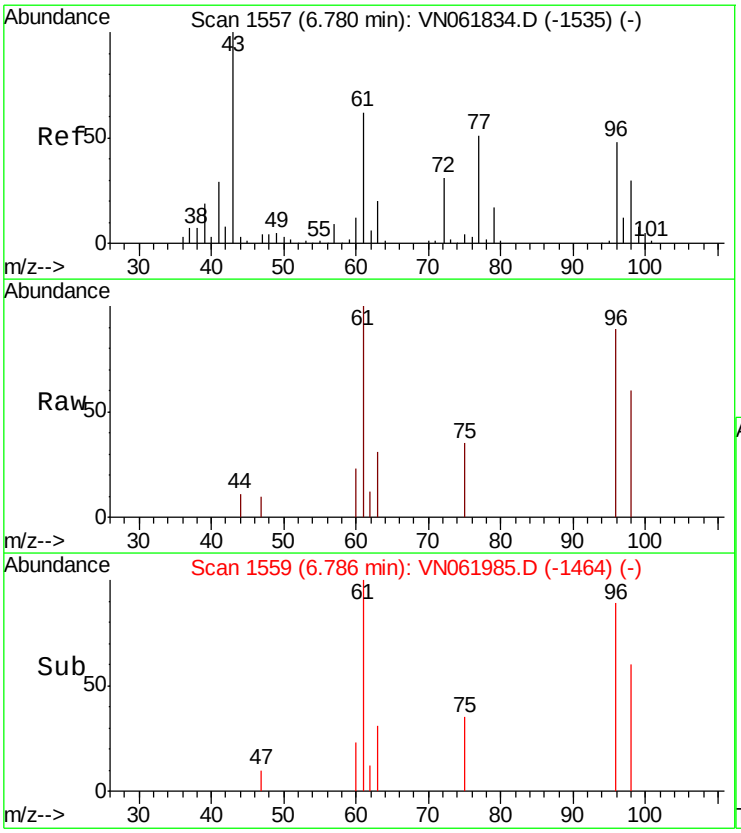
#24
1,1-Dichloroethane
Concen: 1.459 ug/l
RT: 5.80 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 63 Resp: 3875

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.4#
100	0.0	2.5	7.4#

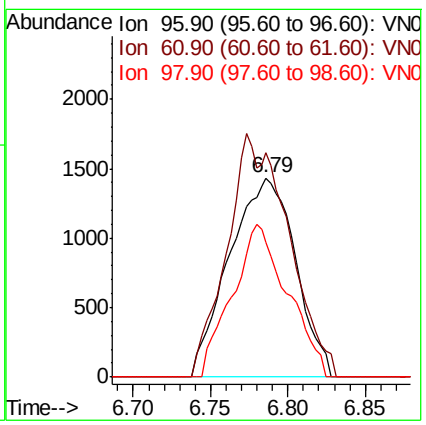


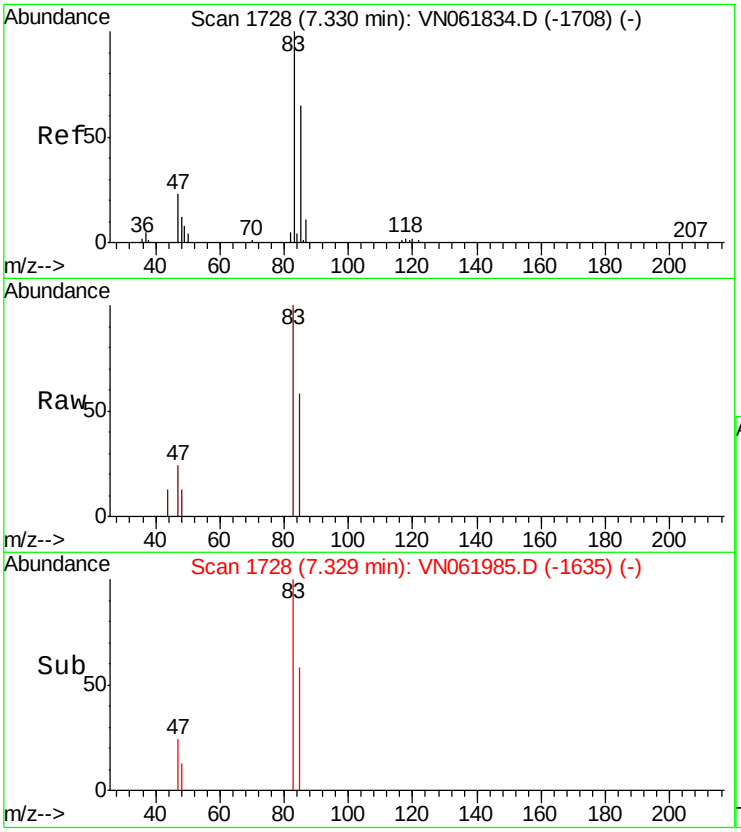


#27
cis-1,2-Dichloroethene
Concen: 2.401 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 96 Resp: 4252

Ion	Ratio	Lower	Upper
96	100		
61	113.7	0.0	265.6
98	64.4	0.0	128.2



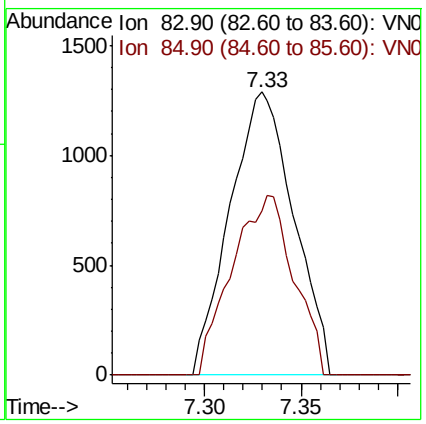


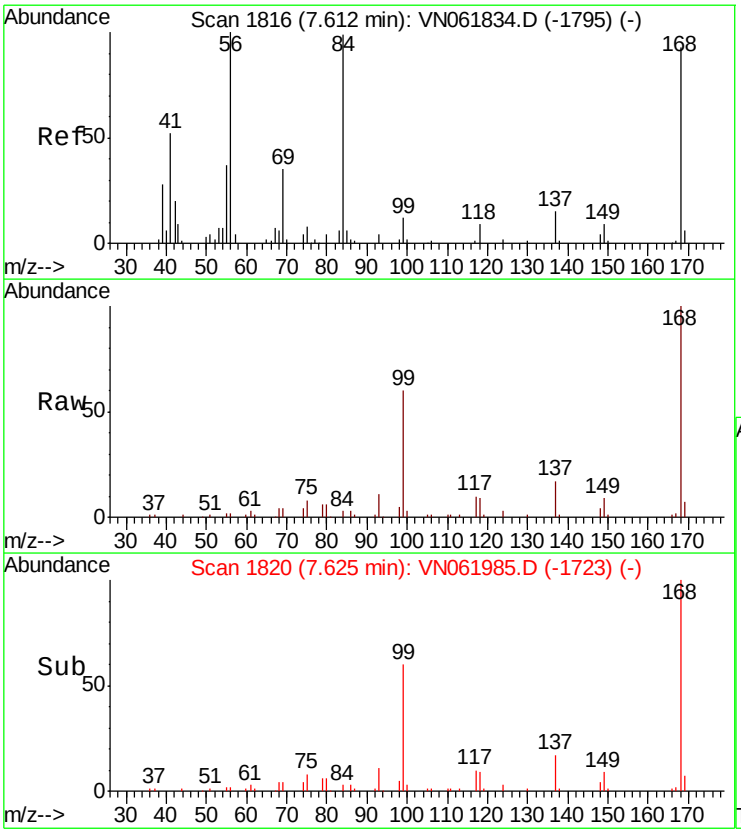
#30
Chloroform
Concen: 1.043 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 83 Resp: 2960

Ion	Ratio	Lower	Upper
83	100		
85	58.1	52.0	78.0

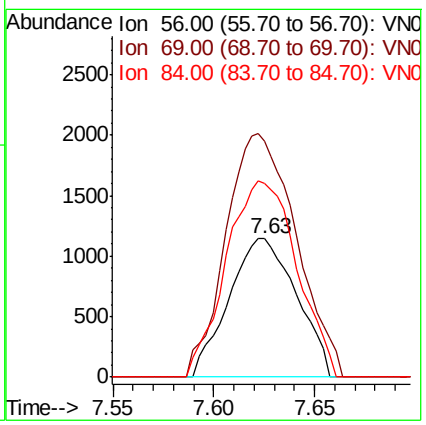


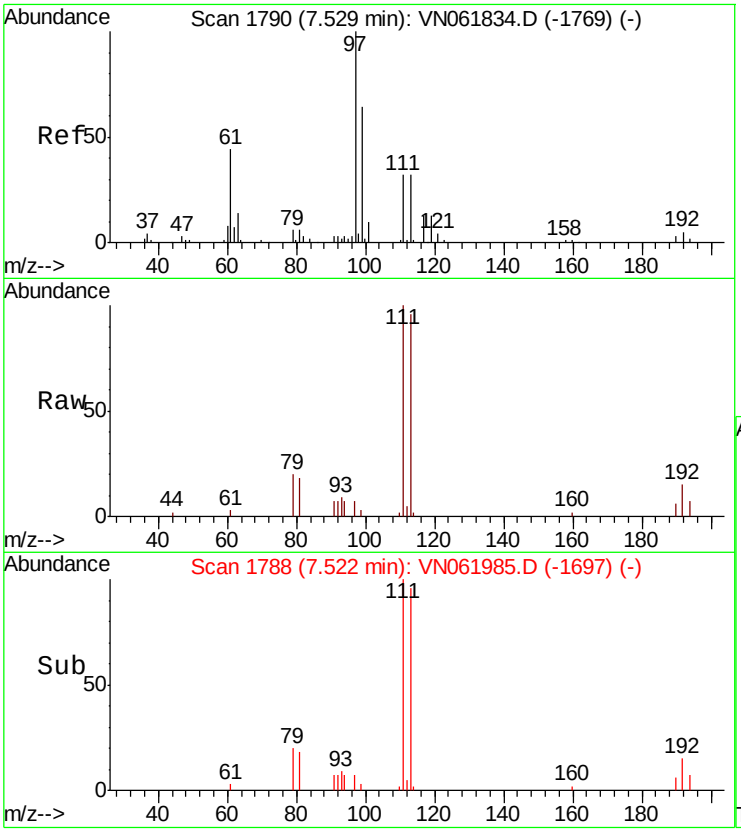


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 56 Resp: 2671

Ion	Ratio	Lower	Upper
56	100		
69	170.3	27.7	41.5#
84	139.4	79.1	118.7#



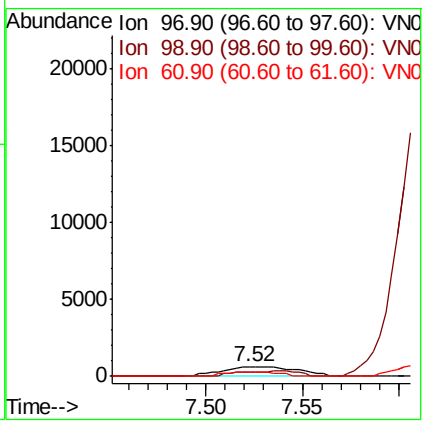


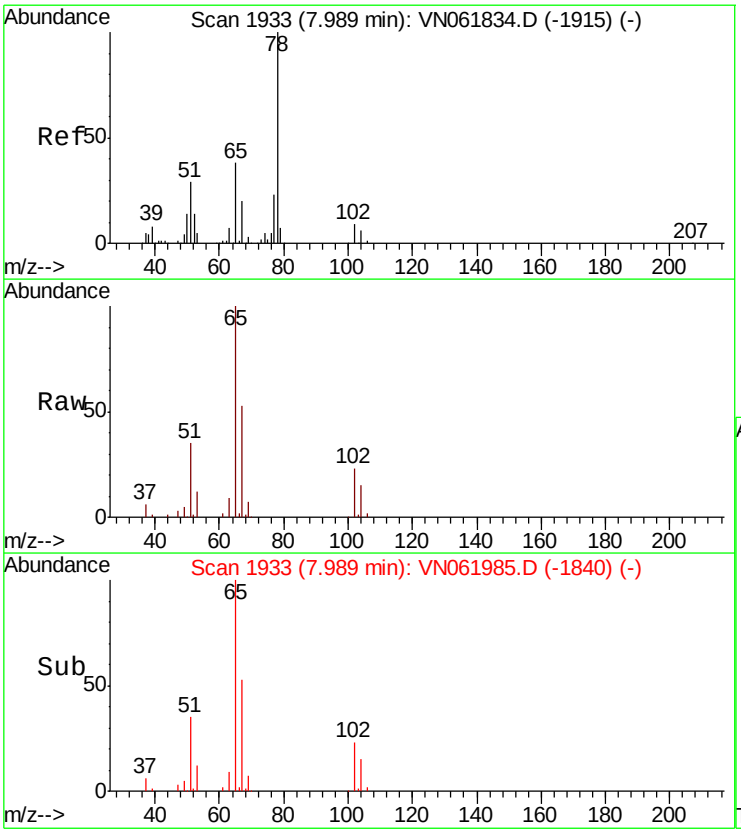
#32
1,1,1-Trichloroethane
Concen: 0.704 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 97 Resp: 1702

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	29.7	35.1	52.7#

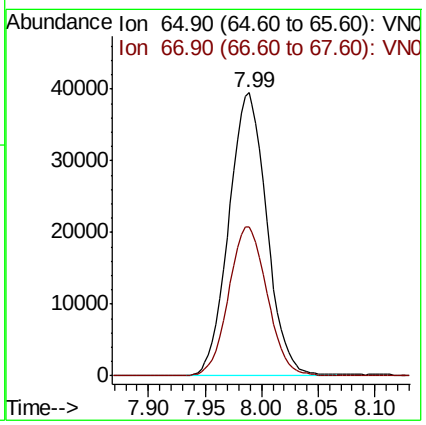


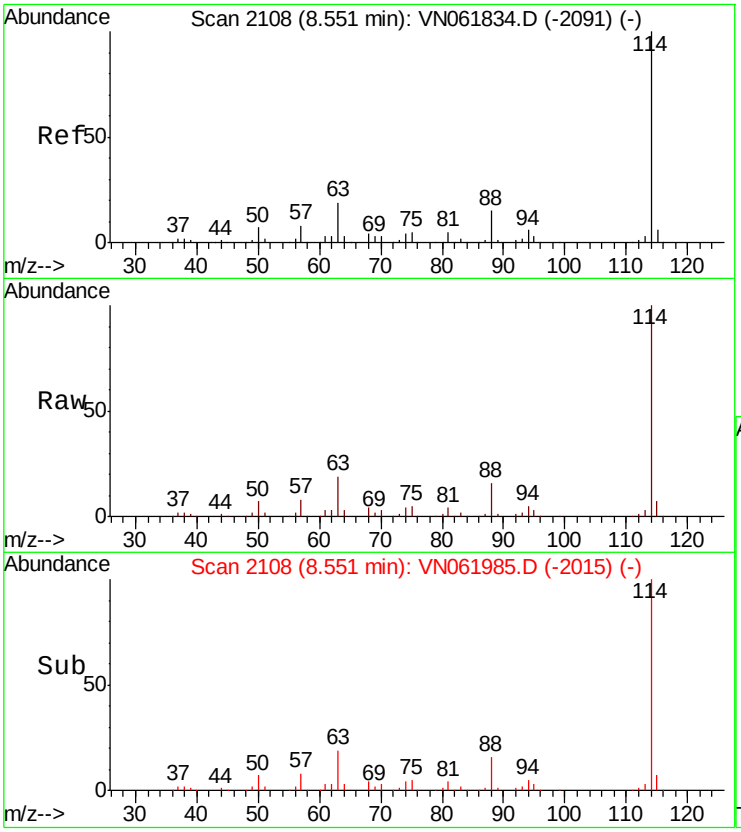


#33
1,2-Dichloroethane-d4
Concen: 52.225 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 65 Resp: 92121

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.2



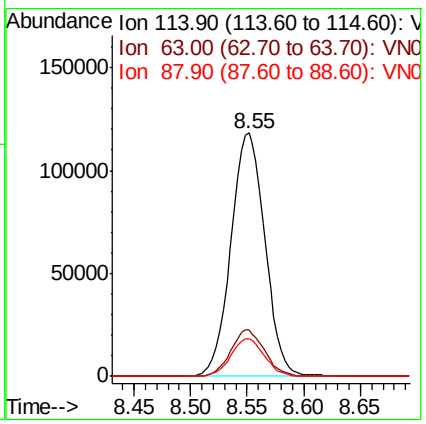


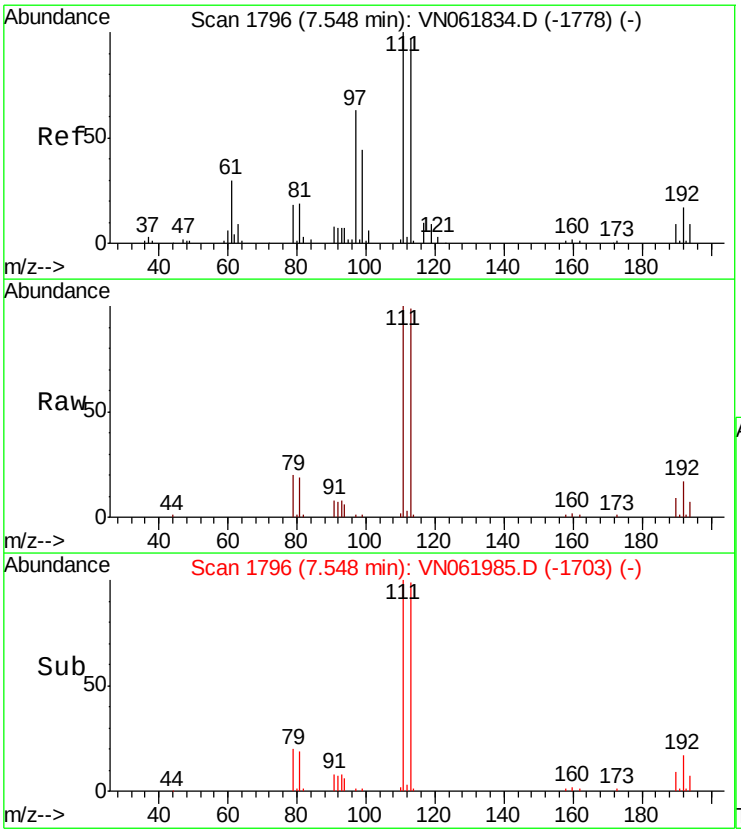
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion:114 Resp: 247724

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.6
88	15.7	0.0	31.0

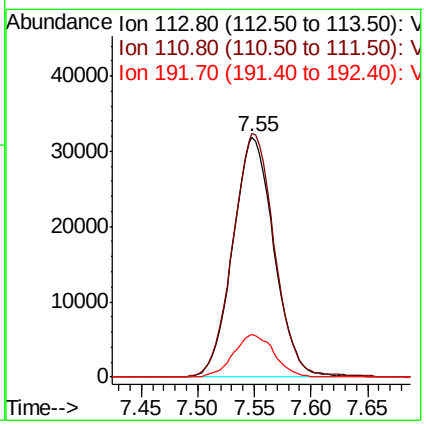


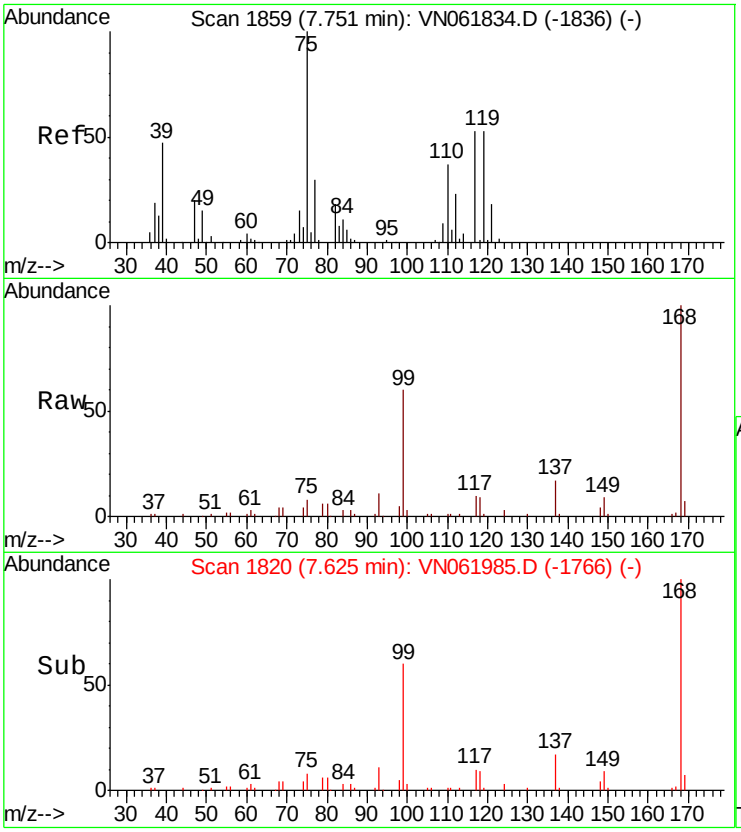


#35
Dibromofluoromethane
Concen: 50.865 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion:113 Resp: 80611

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.7	125.5
192	17.5	13.9	20.9



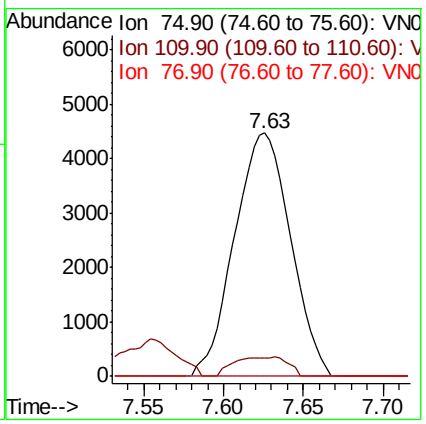


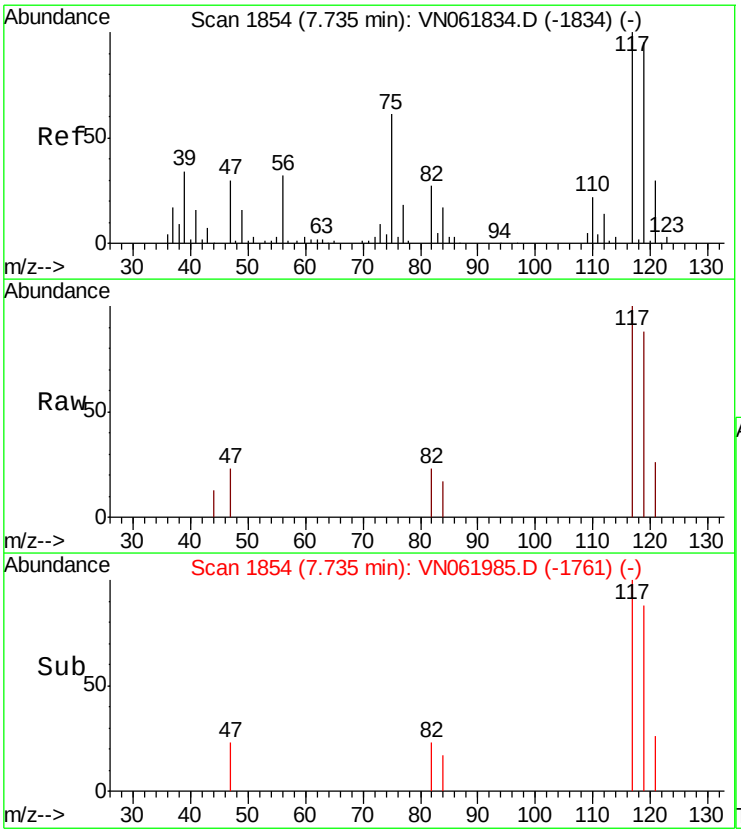
#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.13 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 75 Resp: 10749

Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.2	54.6#
77	0.0	24.2	36.4#

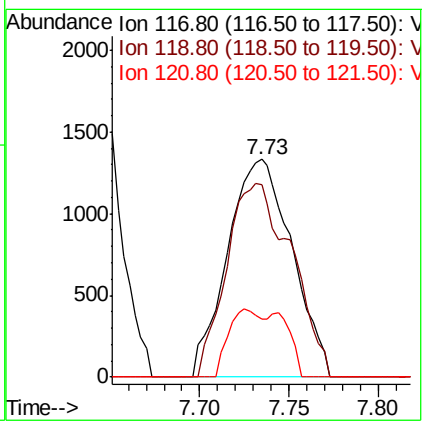


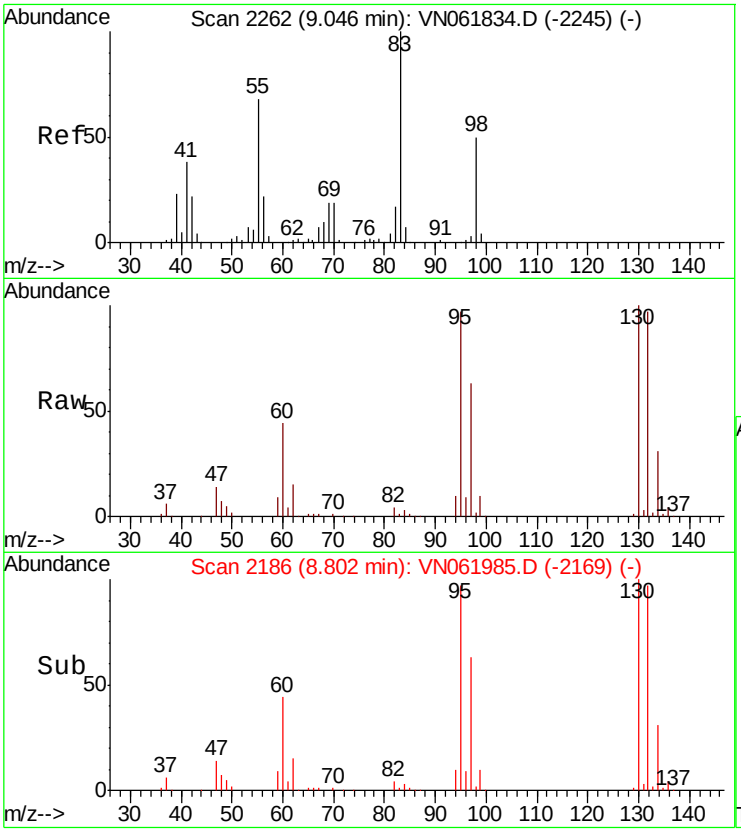


#38
Carbon Tetrachloride
Concen: 1.495 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion:117 Resp: 3346

Ion	Ratio	Lower	Upper
117	100		
119	88.1	75.8	113.6
121	26.5	23.8	35.6



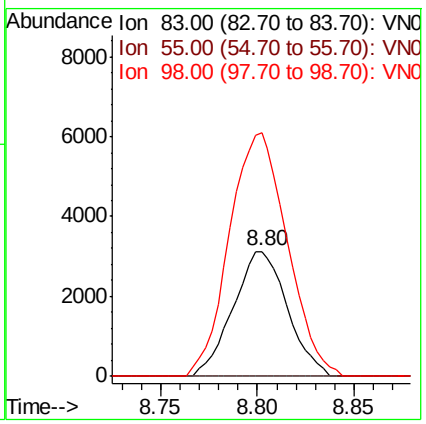


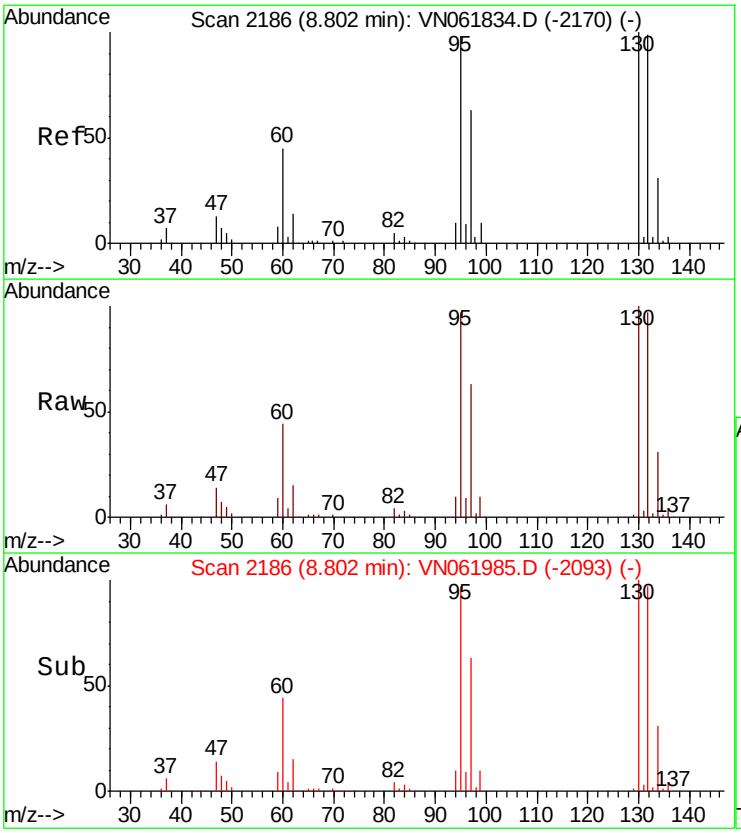
#39
Methylcyclohexane
Concen: 2.507 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.24 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 83 Resp: 6099

Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.2	81.4#
98	194.5	39.8	59.6#

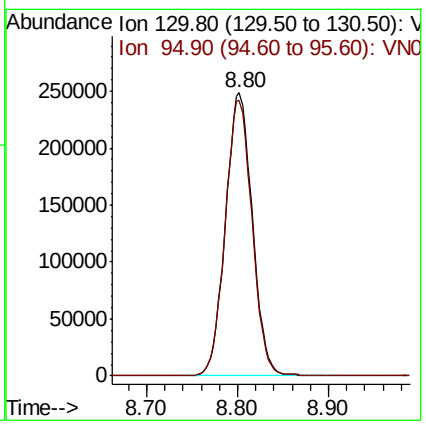


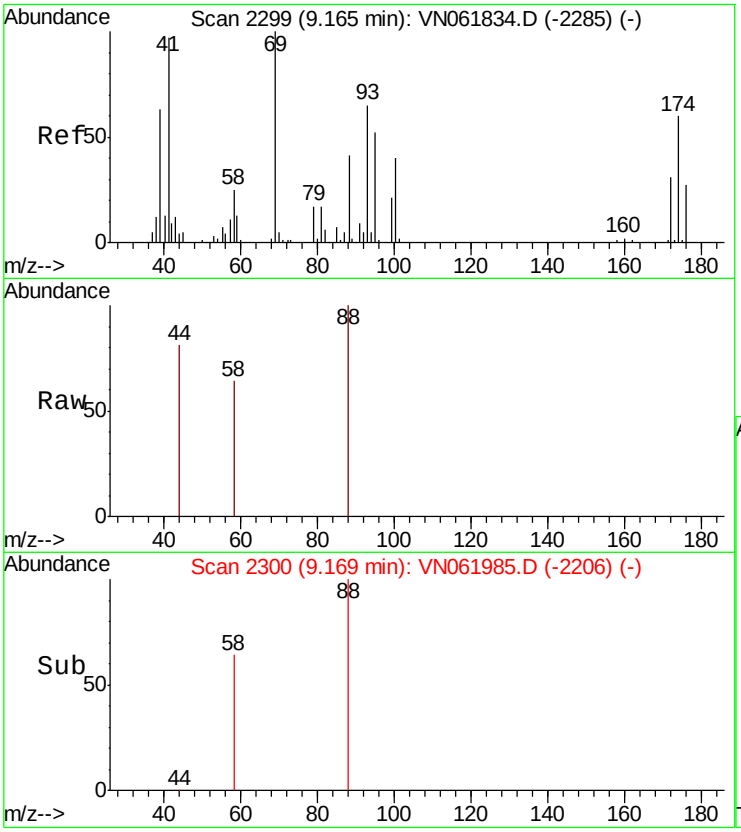


#44
Trichloroethene
Concen: 282.808 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion:130 Resp: 509428

Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	195.6



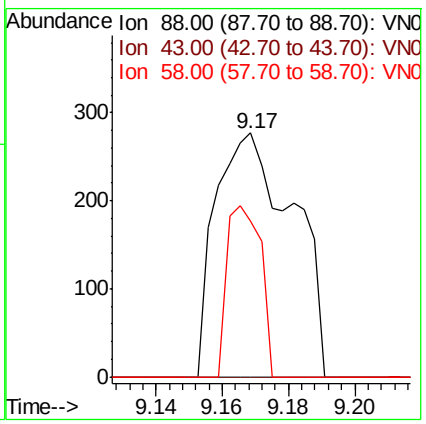


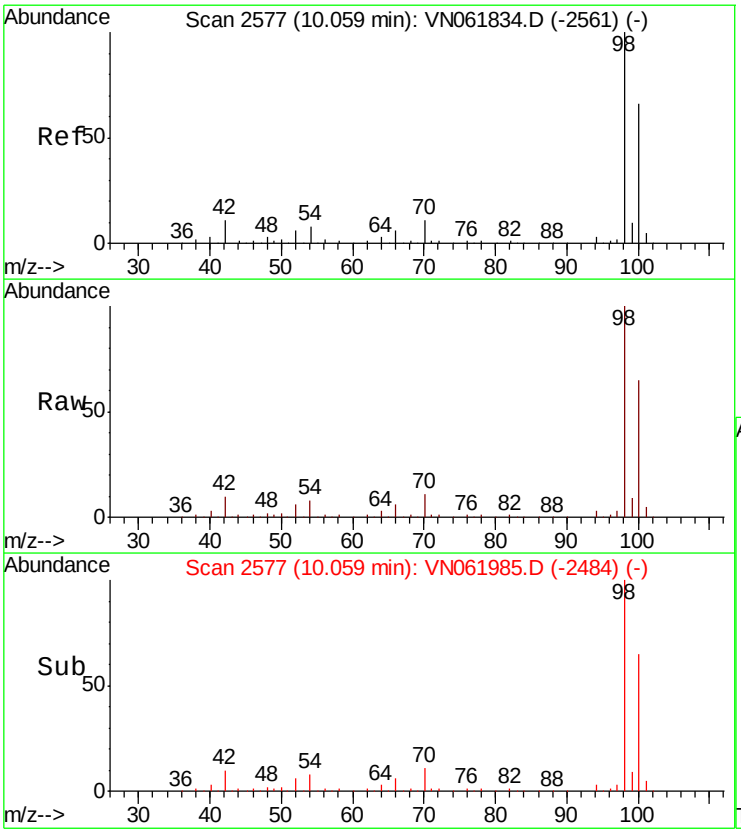
#49
1,4-Dioxane
Concen: 14.527 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 88 Resp: 451

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.2#
58	30.4	49.8	74.6#

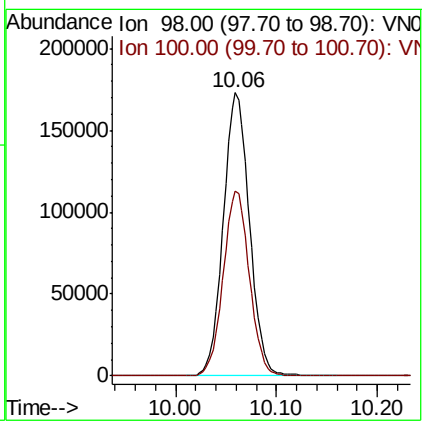


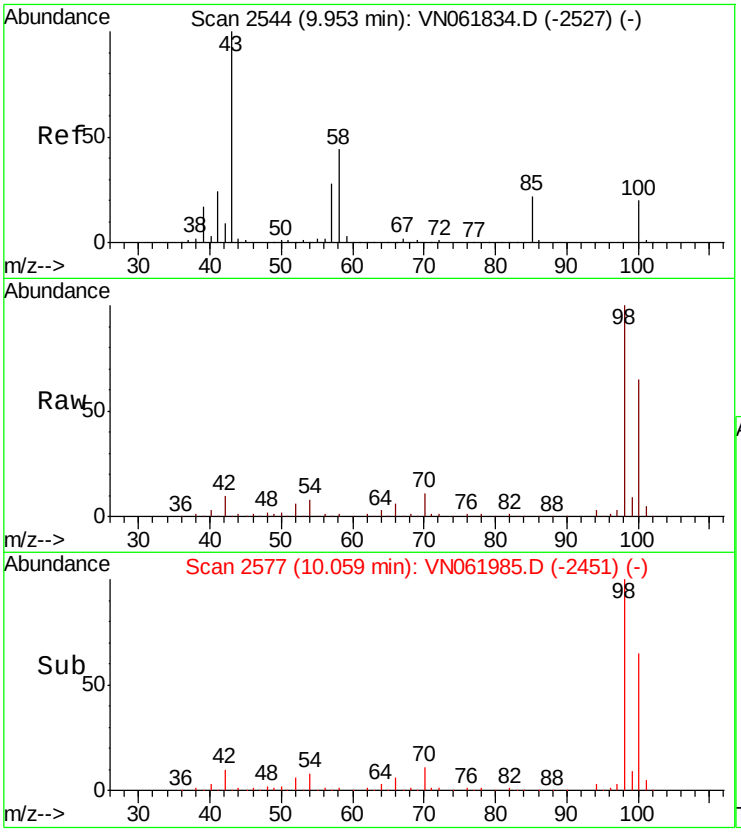


#50
Toluene-d8
Concen: 50.452 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 98 Resp: 314343

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1



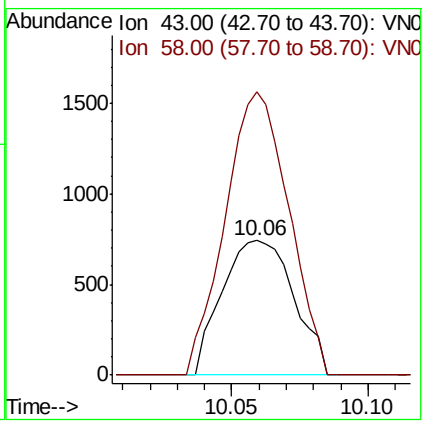


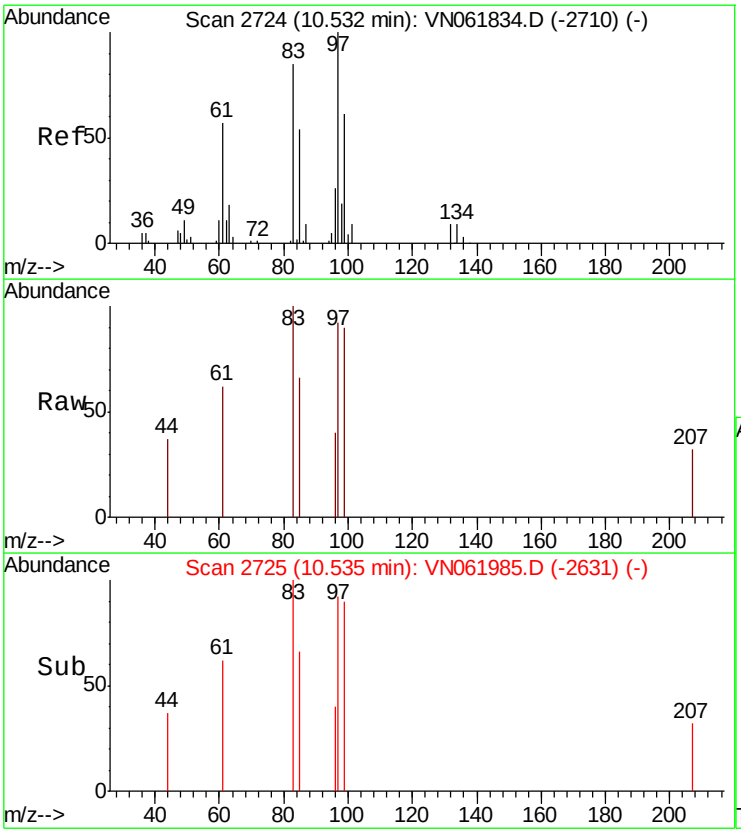
#51
4-Methyl-2-Pentanone
Concen: 0.774 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.11 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument : MSVOA_N
ClientSampleId : DUP05-20200615

Tgt Ion: 43 Resp: 1360

Ion	Ratio	Lower	Upper
43	100		
58	186.2	34.6	52.0#

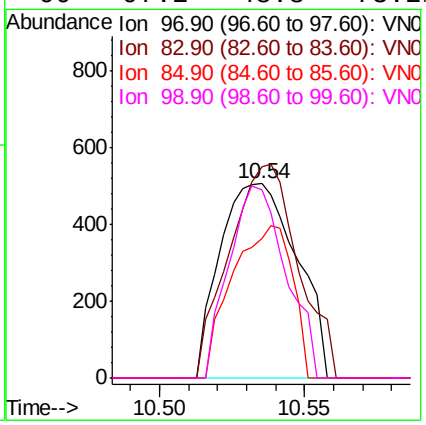


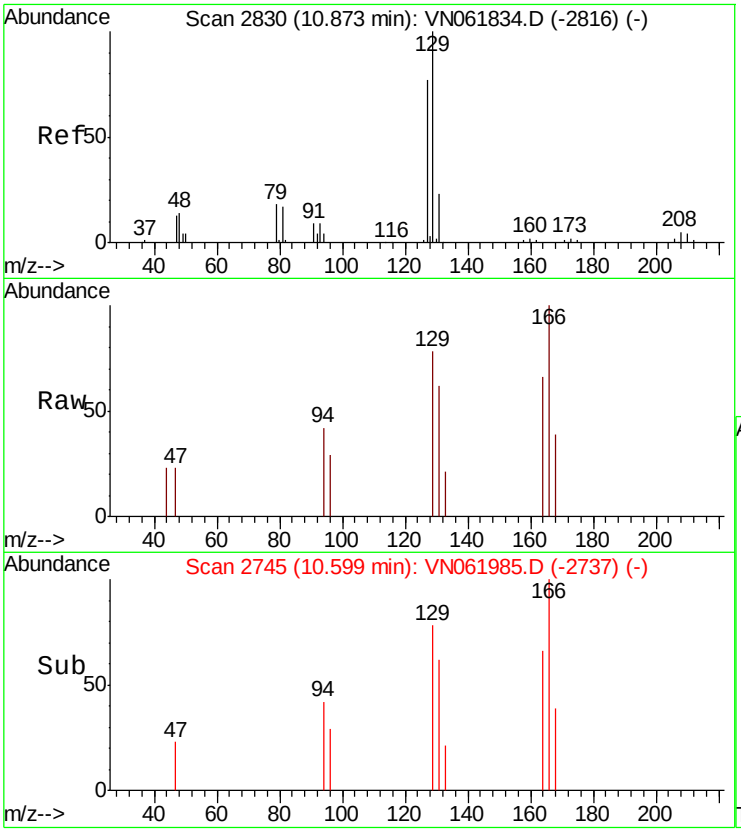


#55
1,1,2-Trichloroethane
Concen: 0.550 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 97 Resp: 931

Ion	Ratio	Lower	Upper
97	100		
83	108.5	67.7	101.5#
85	71.5	43.4	65.0#
99	97.2	48.8	73.2#



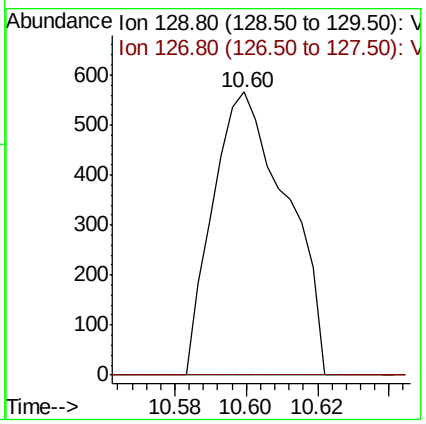


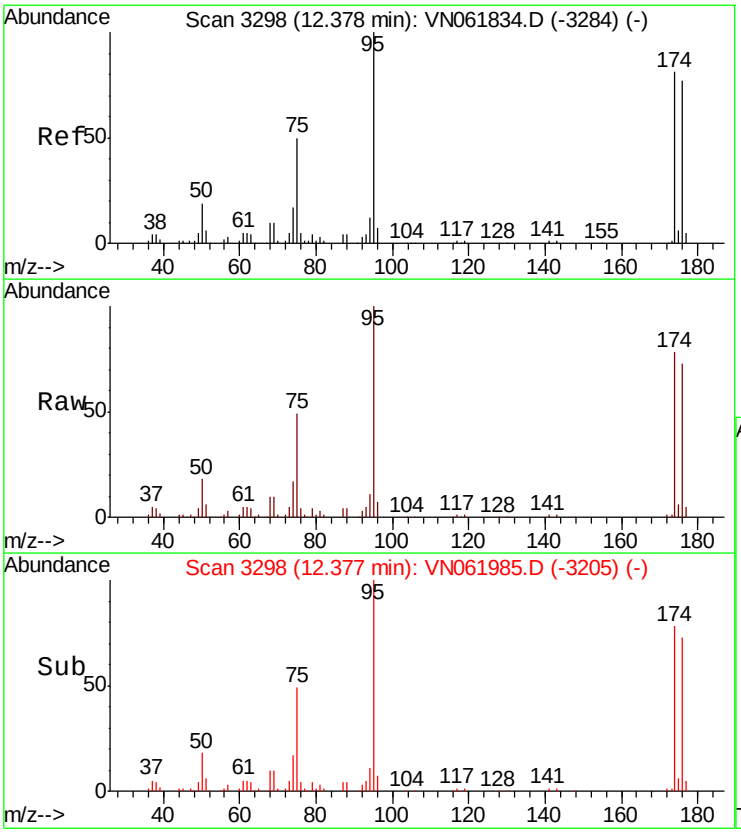
#60
Dibromochloromethane
Concen: 0.429 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.27 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion:129 Resp: 810

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#

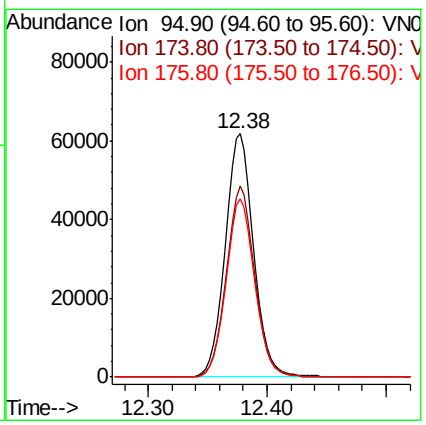


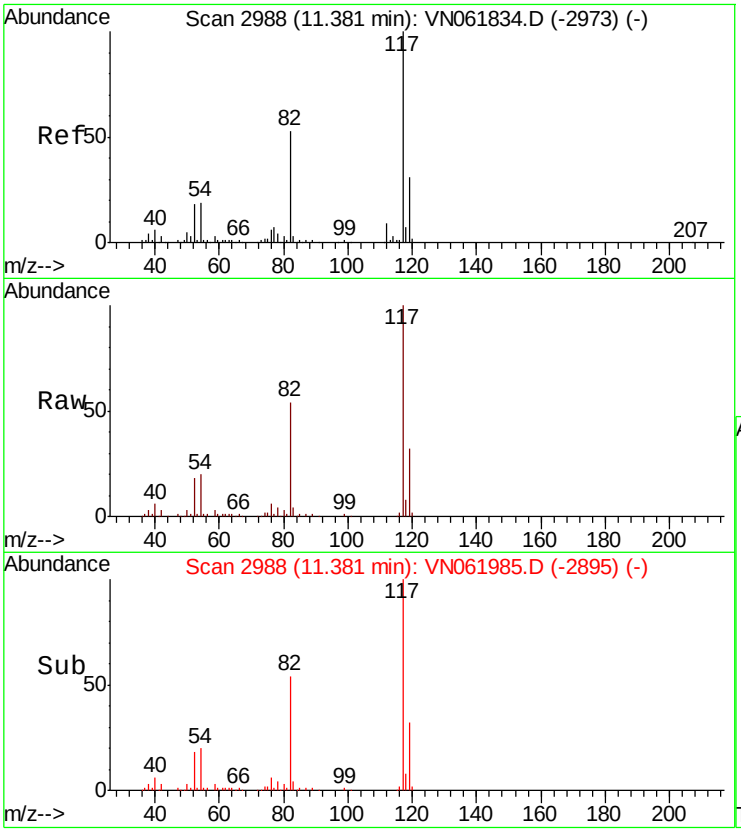


#62
4-Bromofluorobenzene
Concen: 47.819 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 95 Resp: 102198

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	158.6
176	73.9	0.0	152.0



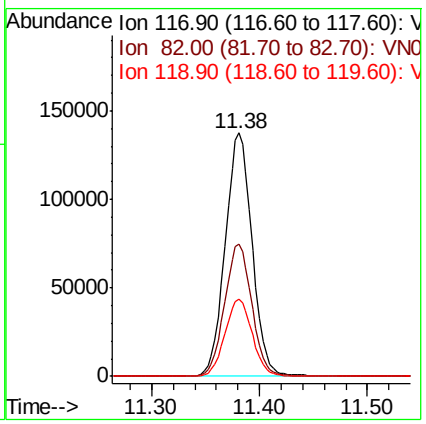


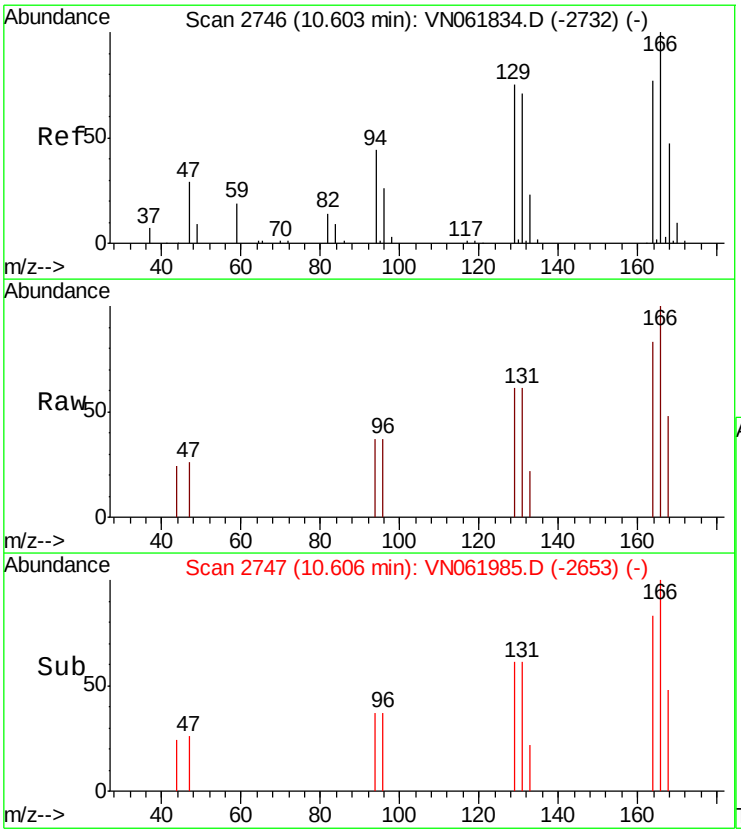
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument : MSVOA_N
ClientSampleId : DUP05-20200615

Tgt Ion:117 Resp: 238826

Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.6	64.0
119	31.7	24.7	37.1

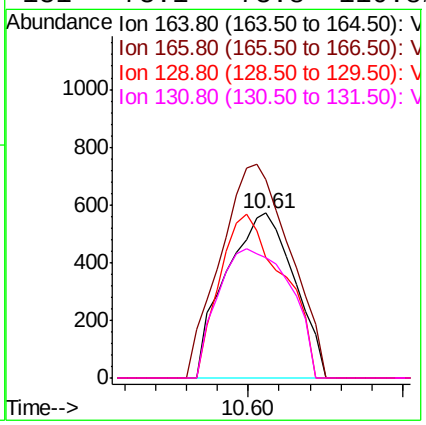


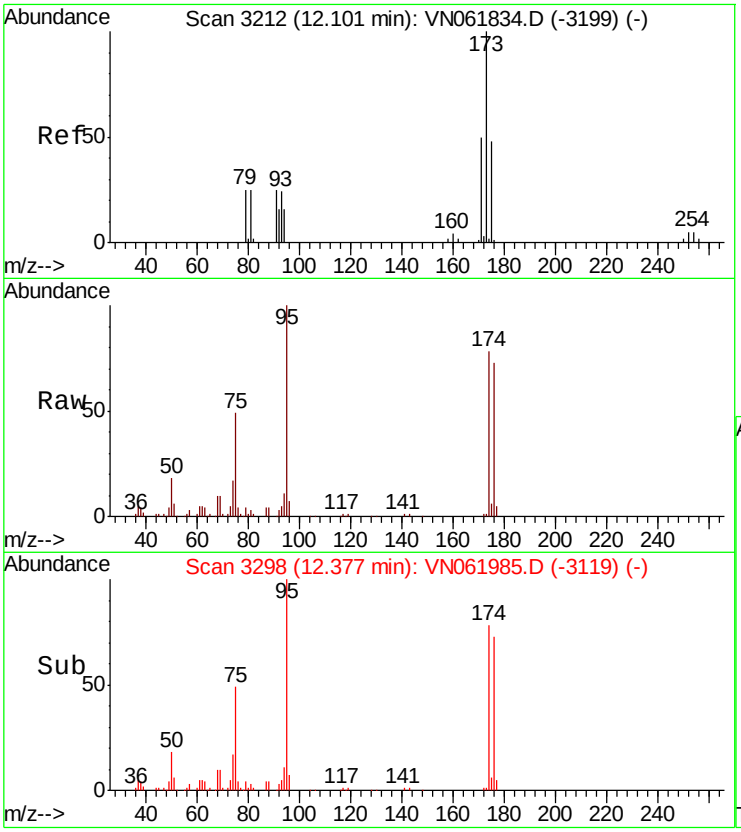


#64
Tetrachloroethene
Concen: 0.579 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion:164 Resp: 881

Ion	Ratio	Lower	Upper
164	100		
166	120.3	103.5	155.3
129	73.3	77.5	116.3#
131	73.1	73.8	110.8#



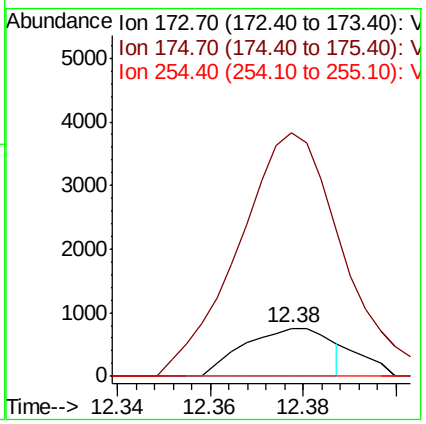


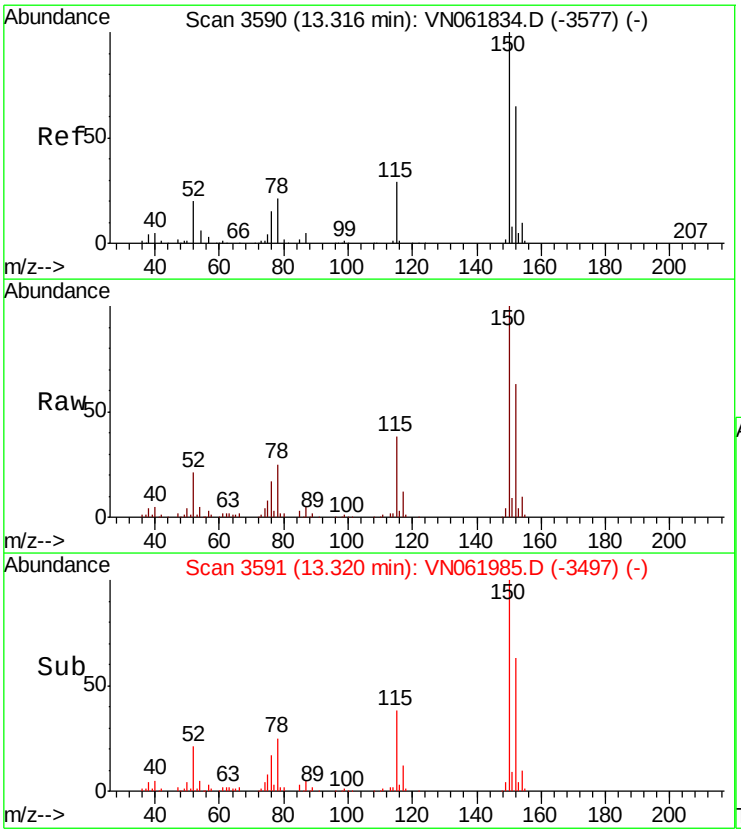
#71
Bromoform
Concen: 0.765 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion:173 Resp: 980

Ion	Ratio	Lower	Upper
173	100		
175	523.6	23.9	71.7#
254	0.0	0.0	0.0

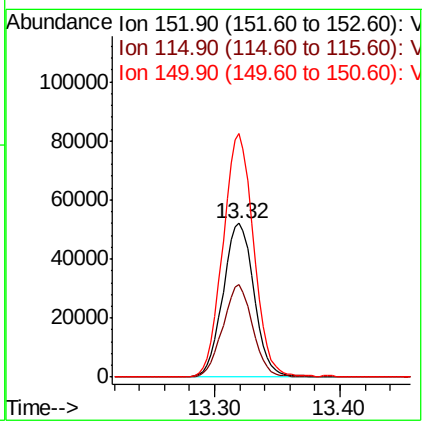


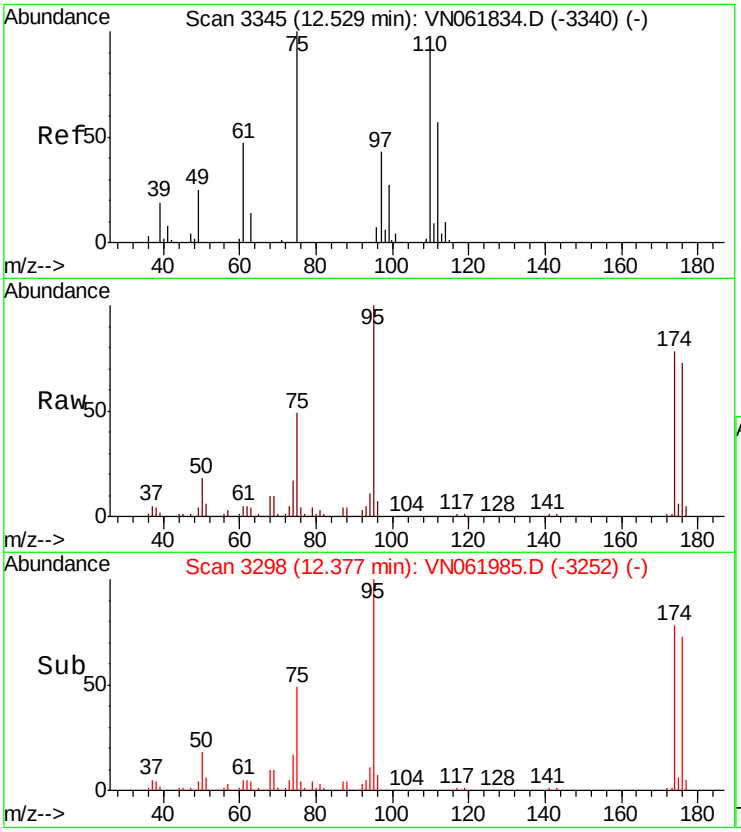


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion:152 Resp: 89329

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.1	87.3
150	156.4	0.0	347.6



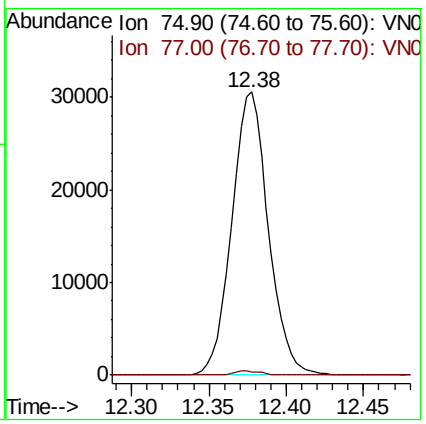


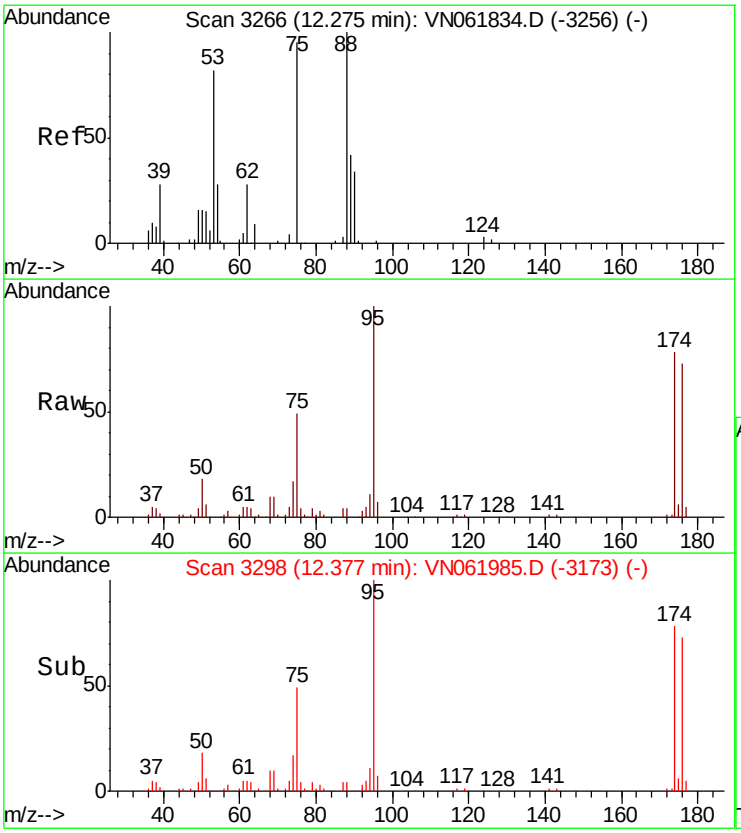
#76
1,2,3-Trichloropropane
Concen: 28.519 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Instrument :
MSVOA_N
ClientSampleId :
DUP05-20200615

Tgt Ion: 75 Resp: 50015

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.783 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061985.D
Acq: 20 Jun 2020 8:28

Tgt Ion: 75 Resp: 50015

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.4	105.6#
89	0.0	36.0	54.0#