Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061020\
Data File : VN061735.D
Acq On : 10 Jun 2020 14:15
Operator : JC/MD
Sample : VN0610WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0610WBL01

Quant Time: Jun 11 02:44:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N061020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 10 12:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.15	128	62272	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.55	114	329396	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.38	117	290858	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.99	65	118091	30.40	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.33%				
60) 4-Bromofluorobenzene	12.38	95	109831	25.63	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 85.43%				
63) Toluene-d8	10.06	98	377153	30.53	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.77%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	1913	0.622	ug/l		95
11) Methyl Iodide	3.91	142	1479	0.347	ug/l	#	65
12) Methyl Acetate	4.28	43	772	0.310	ug/l	#	42
13) Acrolein	3.57	56	68	0.204	ug/l	#	16
16) Carbon Disulfide	4.00	76	1559	0.240	ug/l	#	74
50) 1,1,2-Trichloroethane	10.06	97	13398	3.720	ug/l	#	1
55) 2-Chloroethyl vinyl ether	9.66	63	1033	0.581	ug/l	#	86
59) 2-Hexanone	10.72	43	1207	0.553	ug/l	#	61
77) t-1,4-Dichloro-2-butene	12.38	75	52191	36.420	ug/l	#	14
89) 1,2,4-Trichlorobenzene	14.89	180	1353	0.318	ug/l		86
90) Hexachlorobutadiene	14.98	225	892	0.483	ug/l		80
91) Naphthalene	15.11	128	5404	0.457	ug/l	#	94
92) 1,2,3-Trichlorobenzene	15.29	180	1829	0.438	ug/l		79

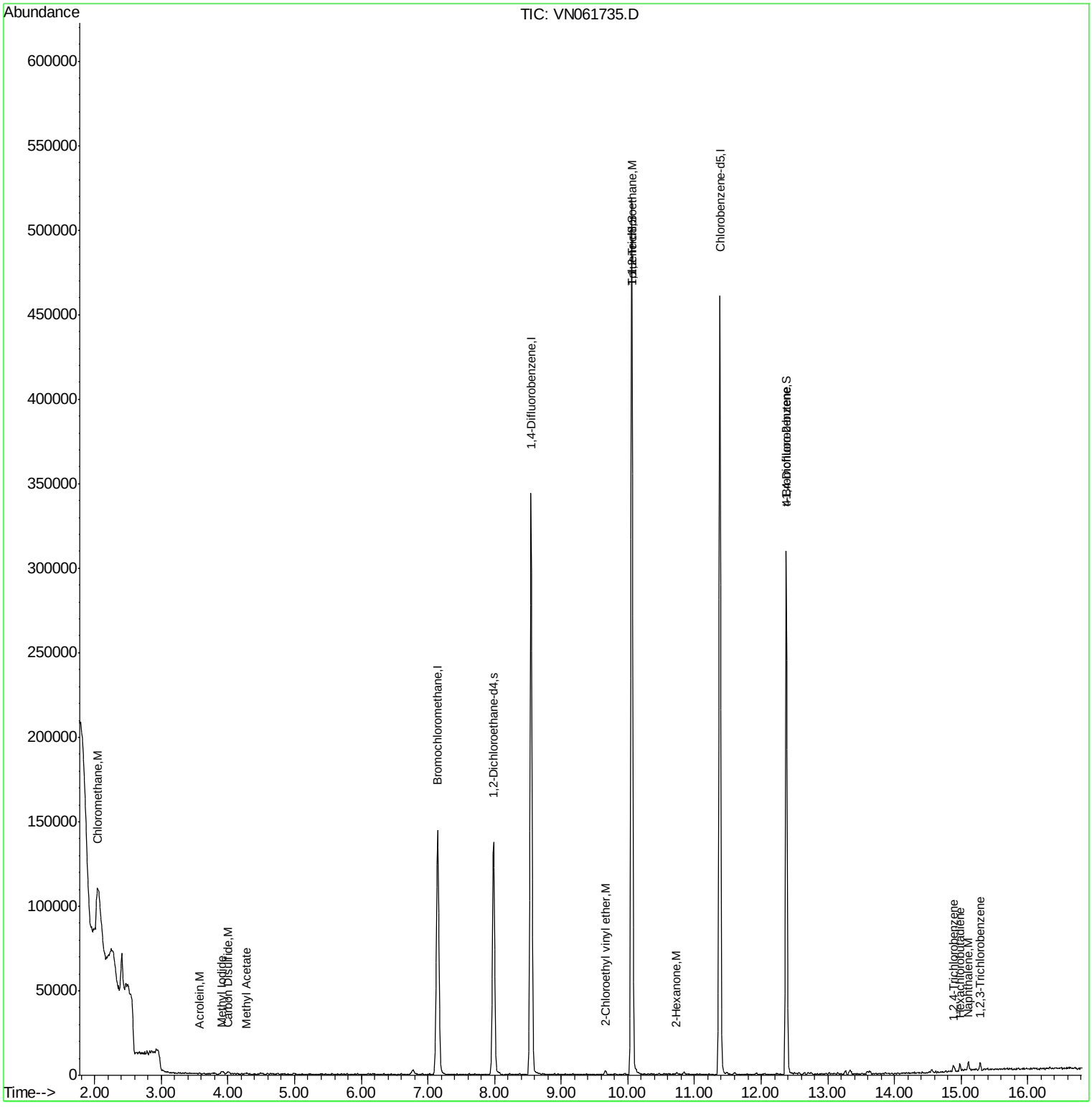
(#) = qualifier out of range (m) = manual integration (+) = signals summed

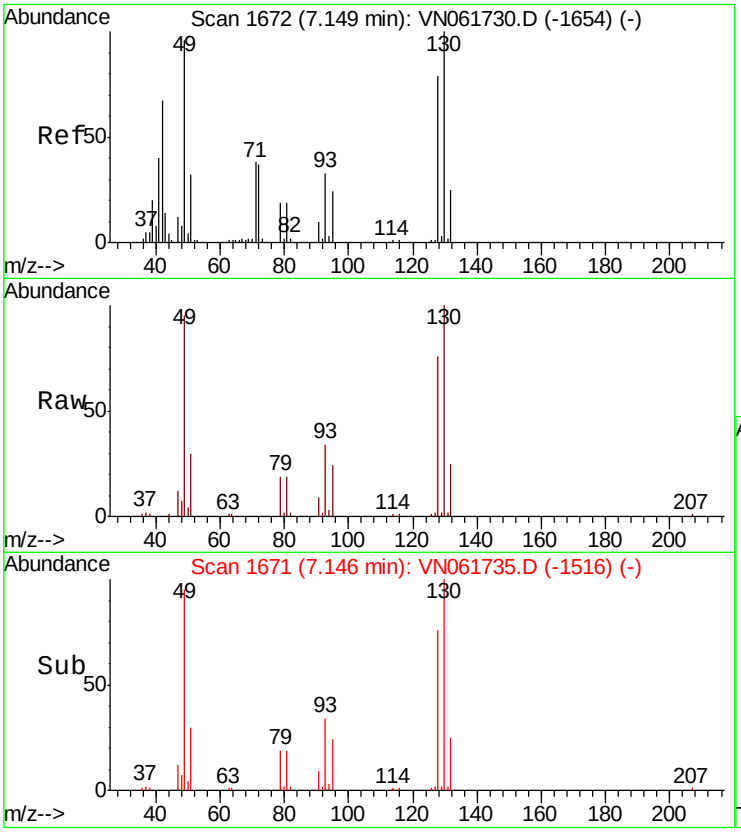
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061020\
Data File : VN061735.D
Acq On : 10 Jun 2020 14:15
Operator : JC/MD
Sample : VN0610WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0610WBL01

Quant Time: Jun 11 02:44:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N061020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 10 12:28:45 2020
Response via : Initial Calibration



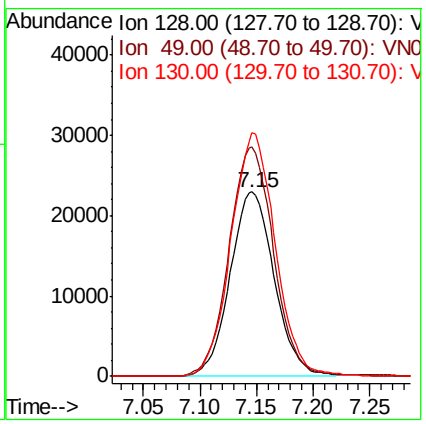


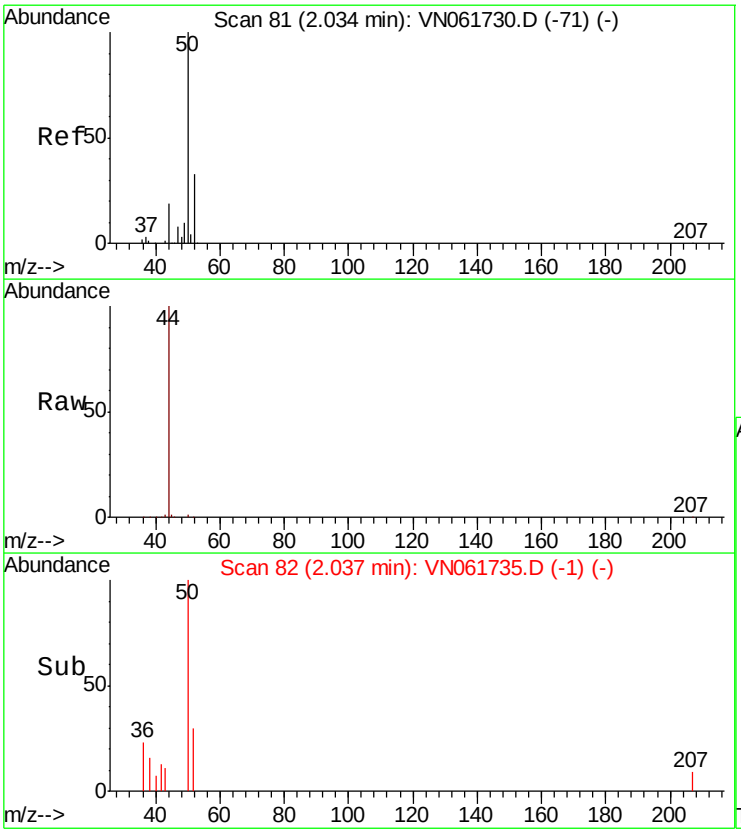
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion:128 Resp: 62272

Ion	Ratio	Lower	Upper
128	100		
49	125.9	0.0	312.3
130	132.7	0.0	328.7

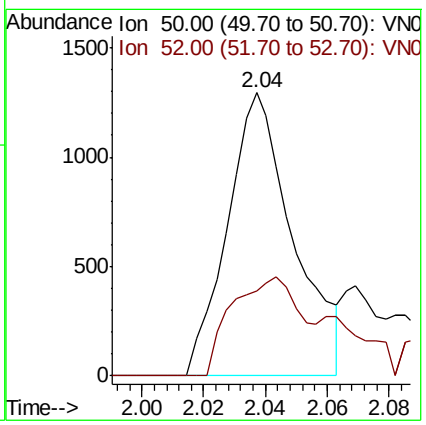


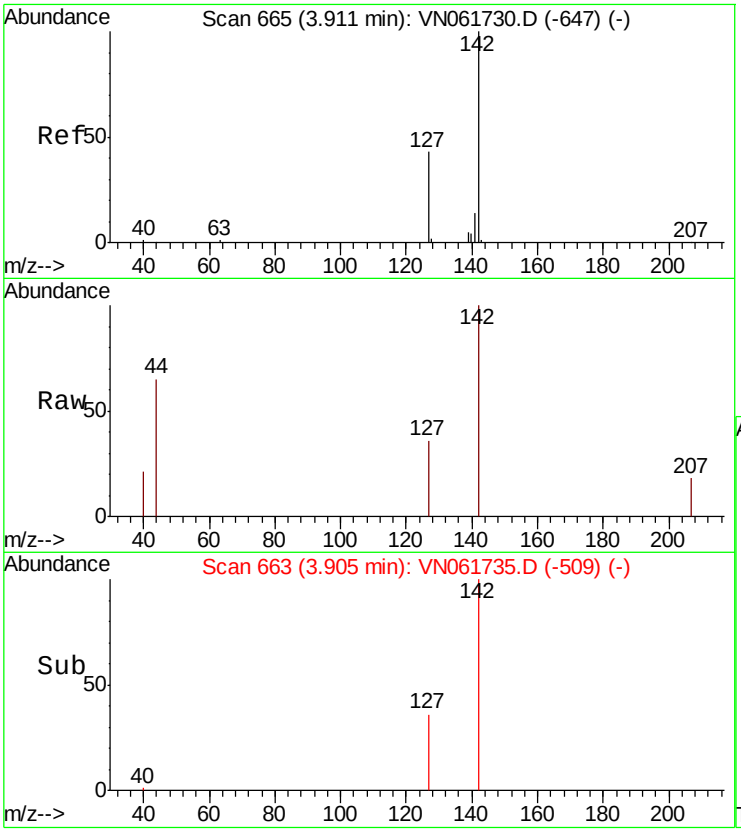


#3
Chloromethane
Concen: 0.622 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion: 50 Resp: 1913

Ion	Ratio	Lower	Upper
50	100		
52	29.9	26.2	39.2



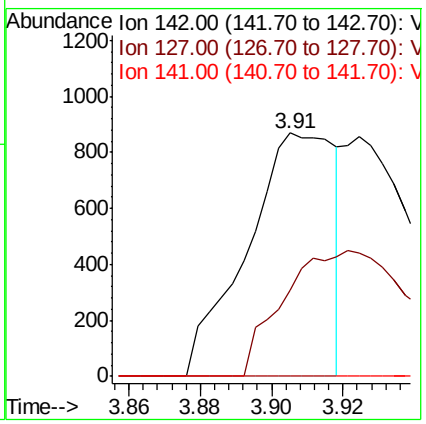


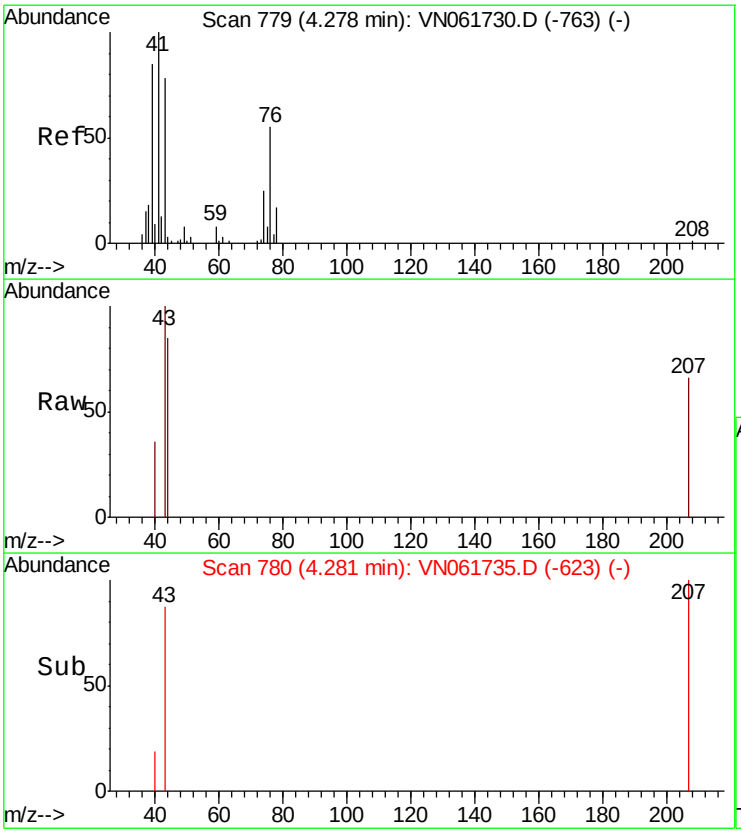
#11
Methyl Iodide
Concen: 0.347 ug/l
RT: 3.91 min Scan# 663
Delta R.T. -0.01 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument : MSVOA_N
ClientSampleId : VN0610WBL01

Tgt Ion:142 Resp: 1479

Ion	Ratio	Lower	Upper
142	100		
127	21.0	21.6	64.6#
141	0.0	7.2	21.6#

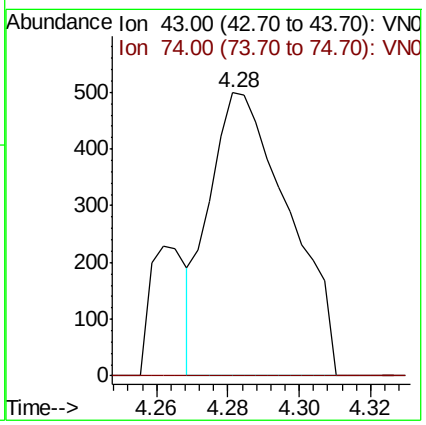


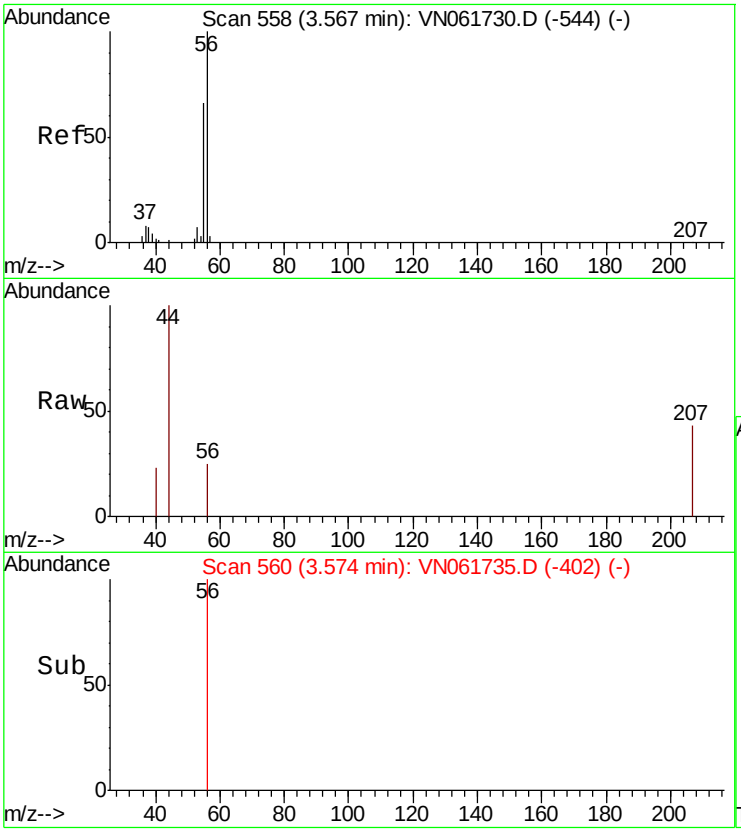


#12
Methyl Acetate
Concen: 0.310 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion: 43 Resp: 772

Ion	Ratio	Lower	Upper
43	100		
74	0.0	25.8	38.6#



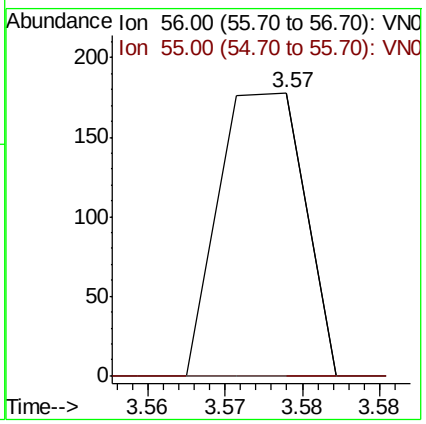


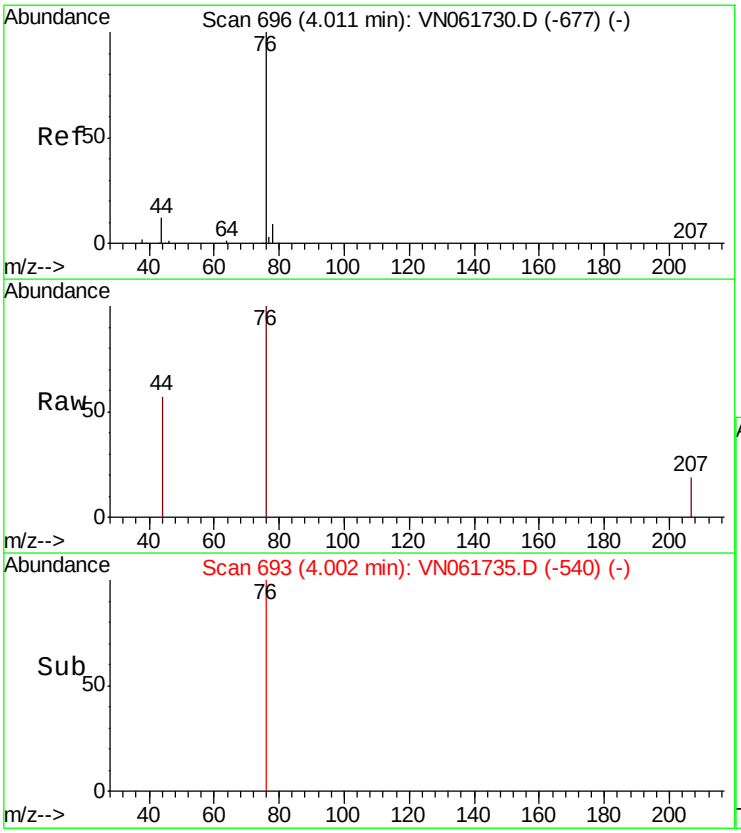
#13
Acrolein
Concen: 0.204 ug/l
RT: 3.57 min Scan# 560
Delta R.T. 0.01 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument : MSVOA_N
ClientSampleId : VN0610WBL01

Tgt Ion: 56 Resp: 68

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.9	80.9#

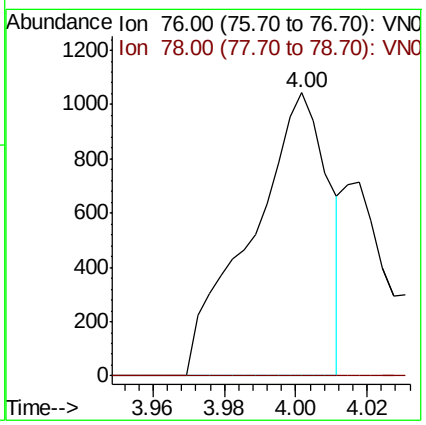


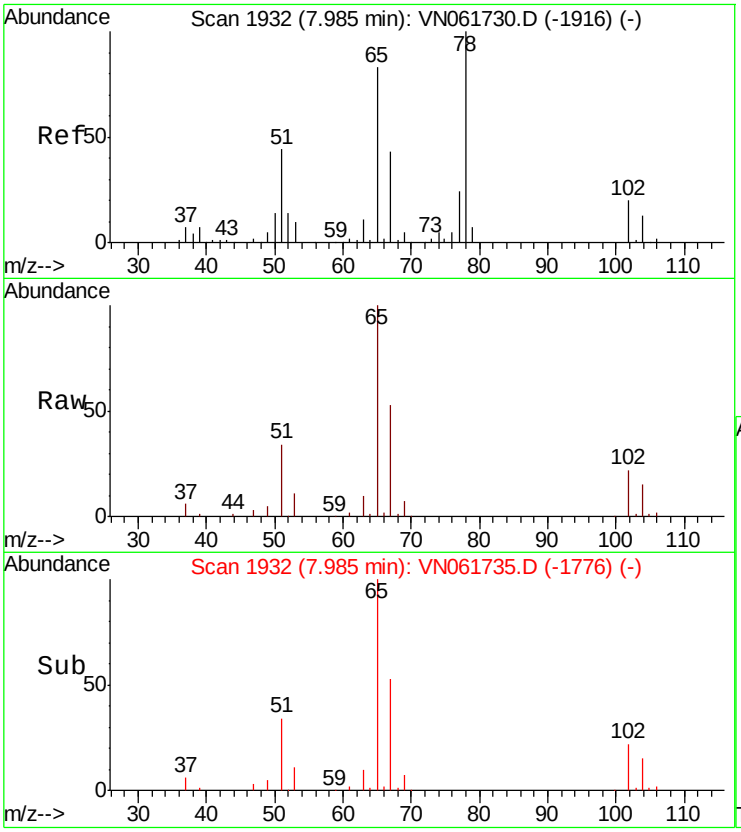


#16
Carbon Disulfide
Concen: 0.240 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion: 76 Resp: 1559

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



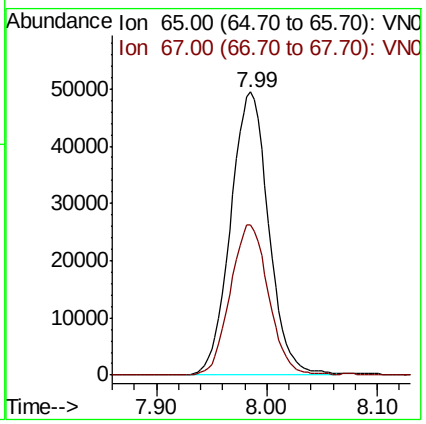


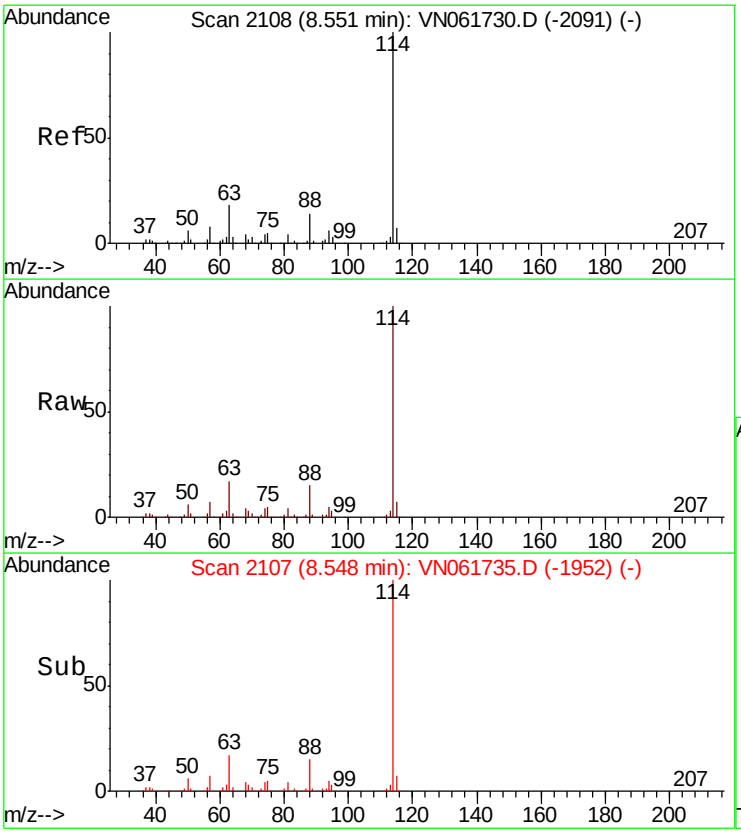
#27
1,2-Dichloroethane-d4
Concen: 30.404 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion: 65 Resp: 118091

Ion	Ratio	Lower	Upper
65	100		
67	53.2	42.2	63.4

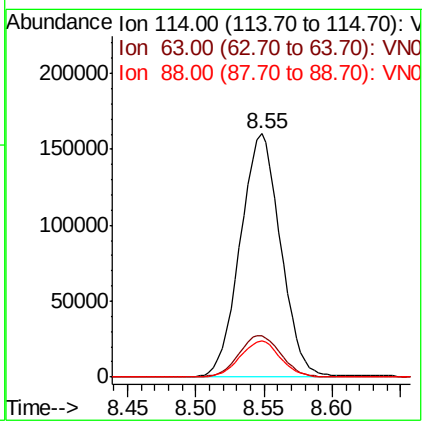


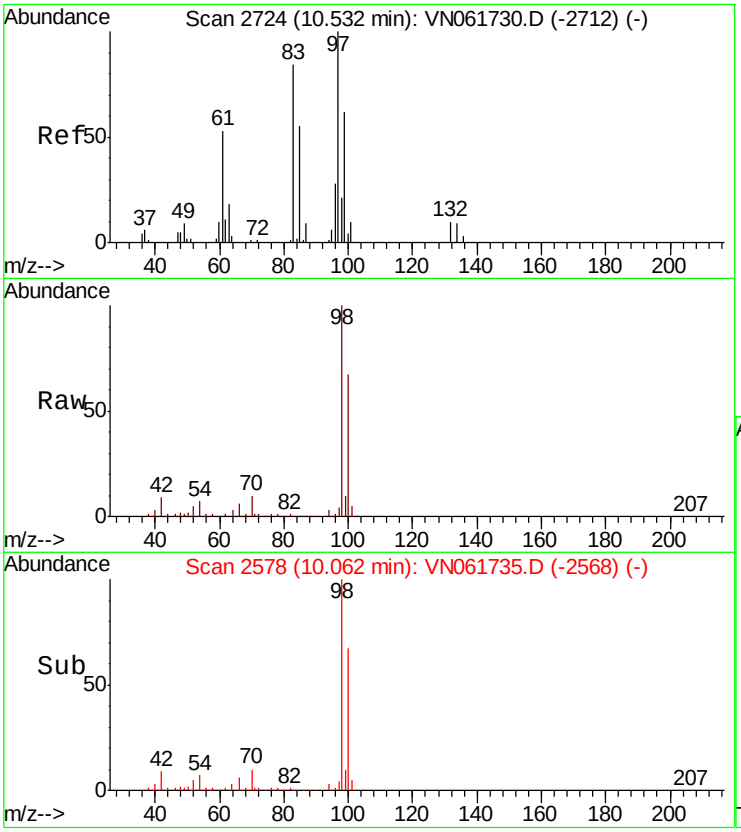


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion:114 Resp: 329396

Ion	Ratio	Lower	Upper
114	100		
63	17.7	14.2	21.2
88	14.8	11.4	17.2



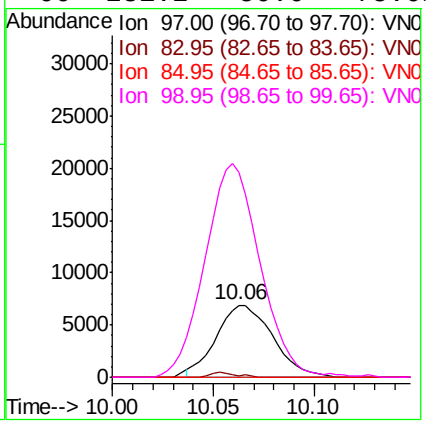


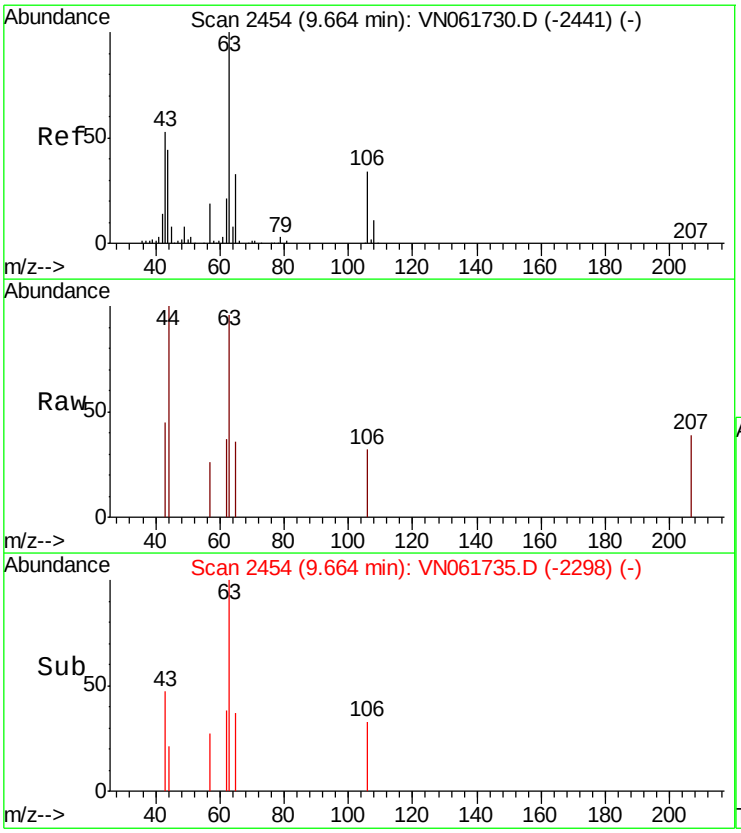
#50
1,1,2-Trichloroethane
Concen: 3.720 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.47 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument : MSVOA_N
ClientSampleId : VN0610WBL01

Tgt Ion: 97 Resp: 13398

Ion	Ratio	Lower	Upper
97	100		
83	2.6	67.6	101.4#
85	0.0	44.0	66.0#
99	281.2	50.0	75.0#

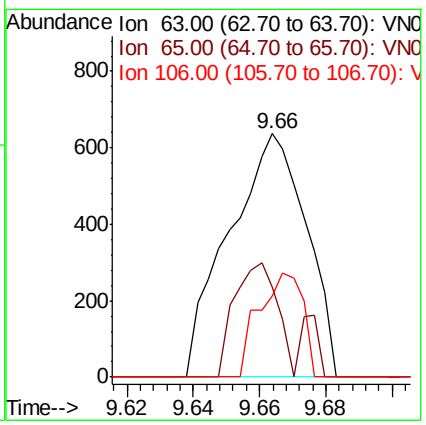


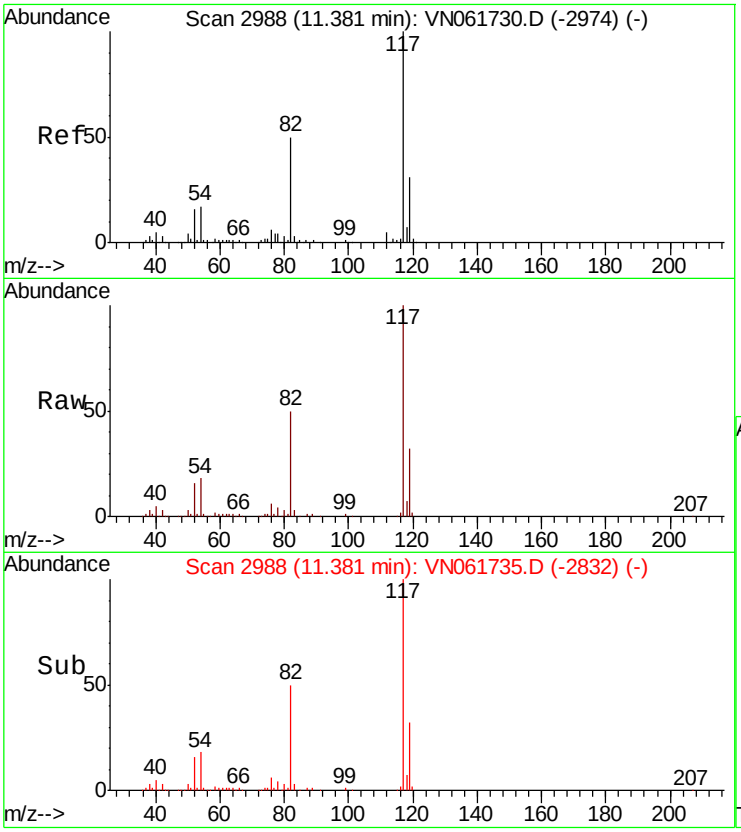


#55
2-Chloroethyl vinyl ether
Concen: 0.581 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion: 63 Resp: 1033

Ion	Ratio	Lower	Upper
63	100		
65	25.9	25.8	38.8
106	24.1	26.5	39.7#



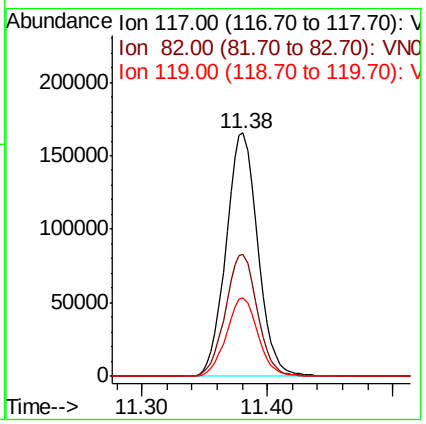


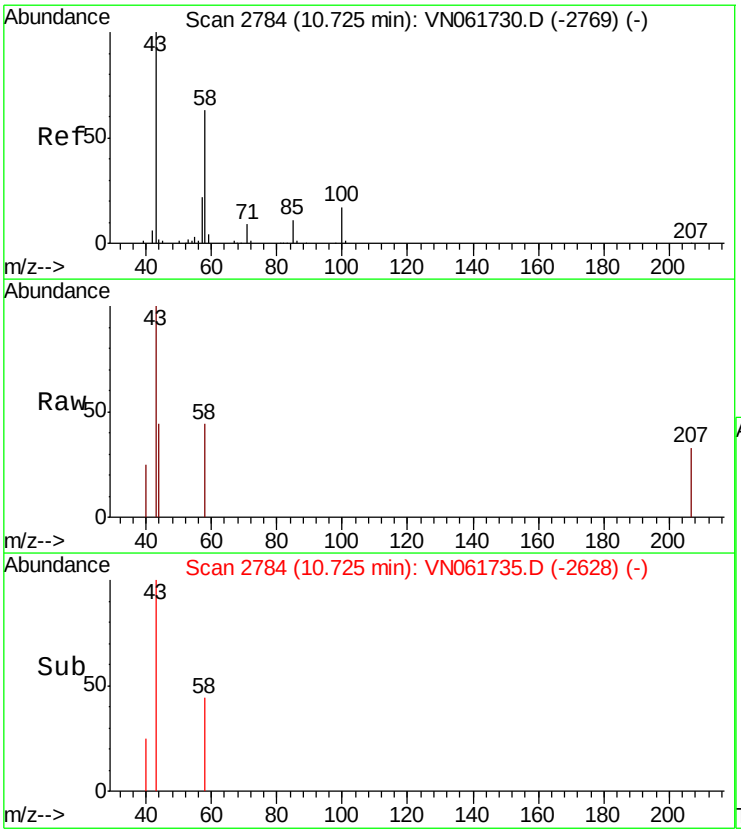
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion:117 Resp: 290858

Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.6	60.8
119	31.9	25.4	38.2

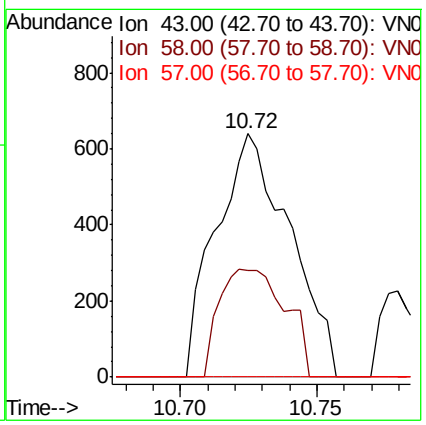


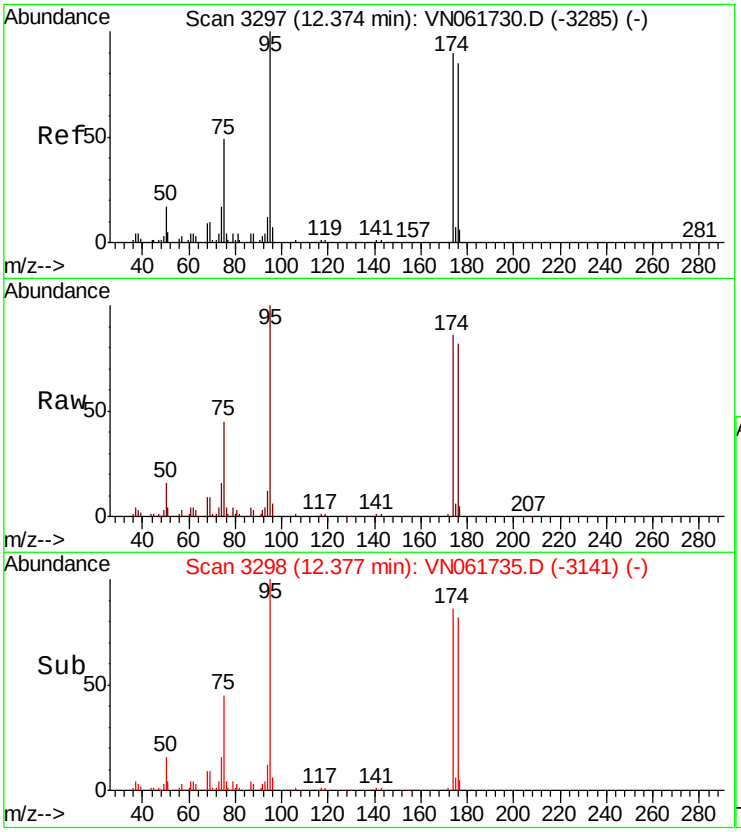


#59
2-Hexanone
Concen: 0.553 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion: 43 Resp: 1207

Ion	Ratio	Lower	Upper
43	100		
58	34.1	50.4	75.6#
57	0.0	17.2	25.8#



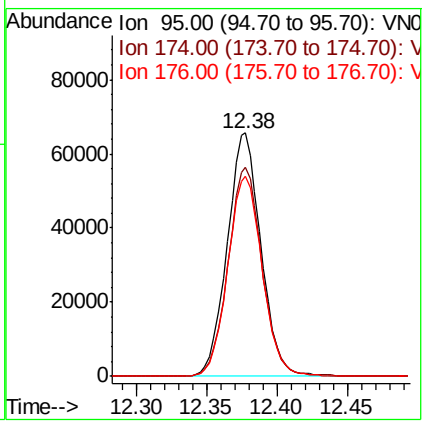


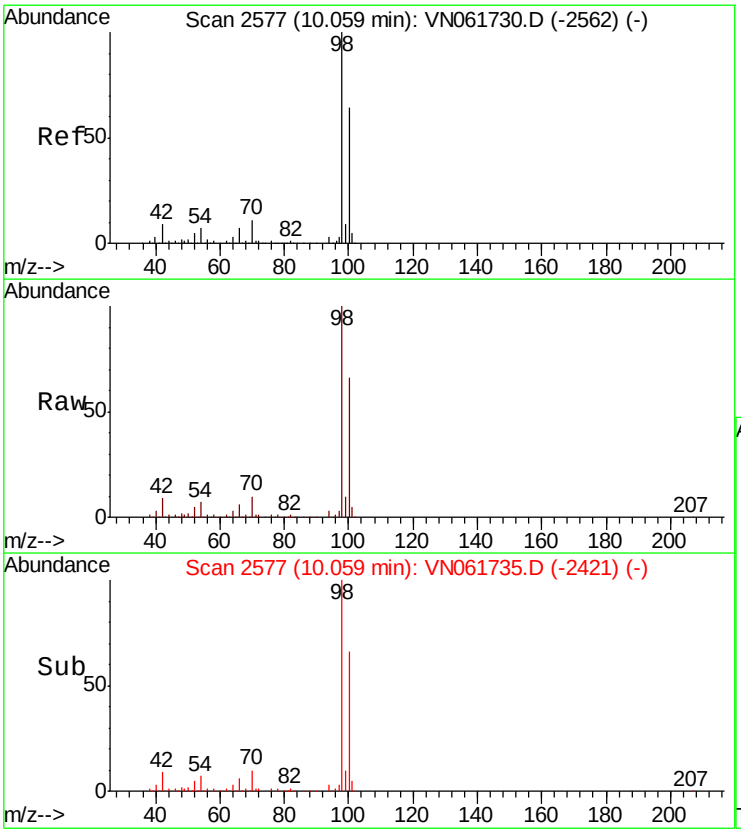
#60
4-Bromofluorobenzene
Concen: 25.625 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion: 95 Resp: 109831

Ion	Ratio	Lower	Upper
95	100		
174	86.6	72.8	109.2
176	83.8	69.2	103.8

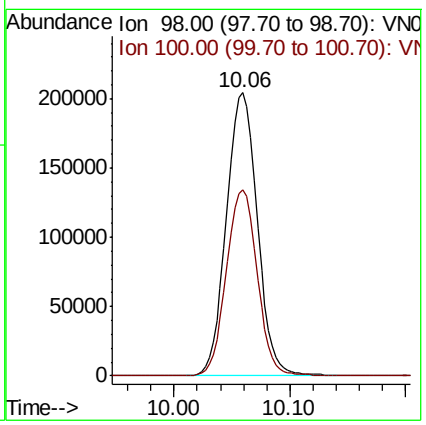


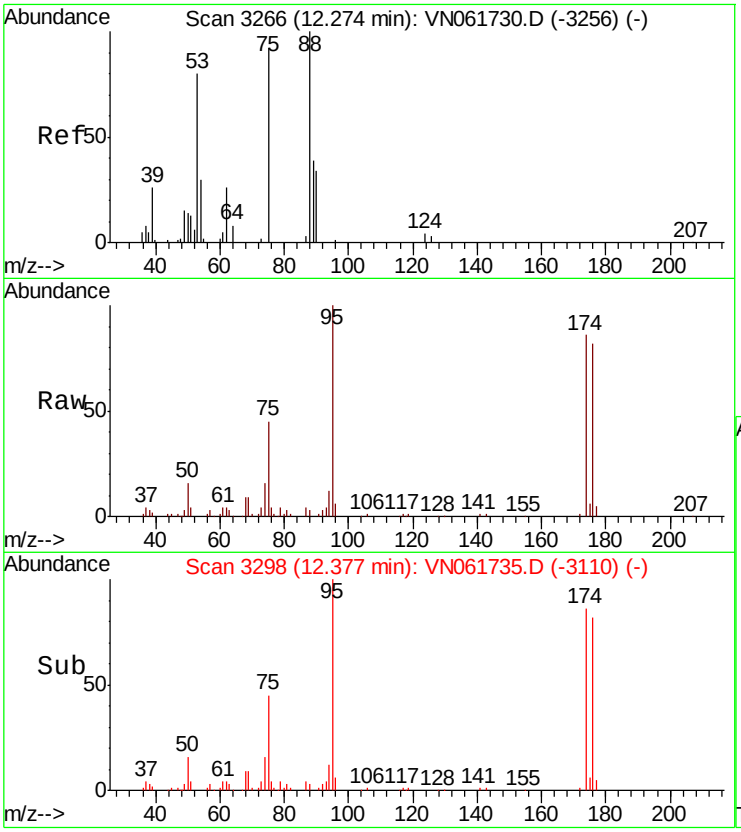


#63
Toluene-d8
Concen: 30.526 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion: 98 Resp: 377153

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.4



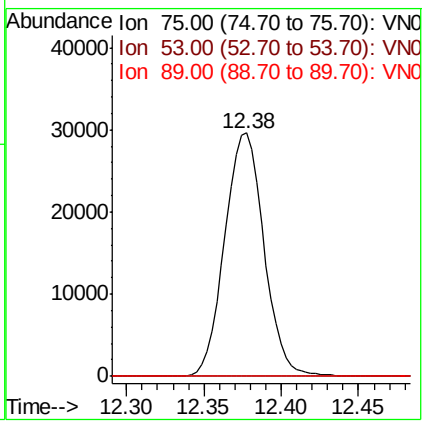


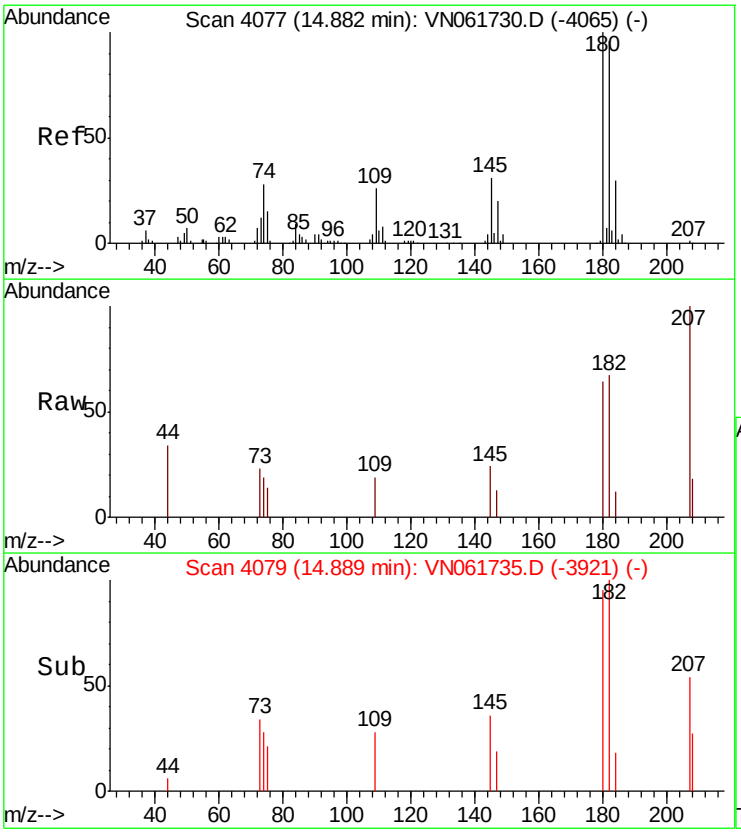
#77
t-1,4-Dichloro-2-butene
Concen: 36.420 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion: 75 Resp: 52191

Ion	Ratio	Lower	Upper
75	100		
53	0.0	43.8	131.4#
89	0.0	23.1	69.2#

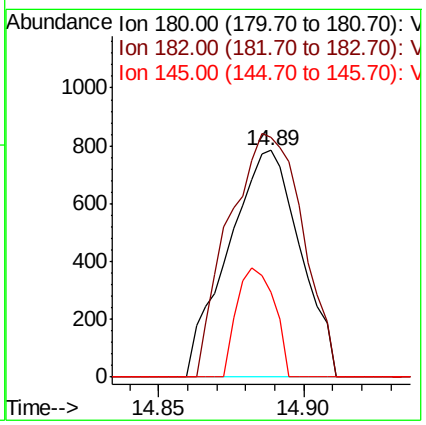


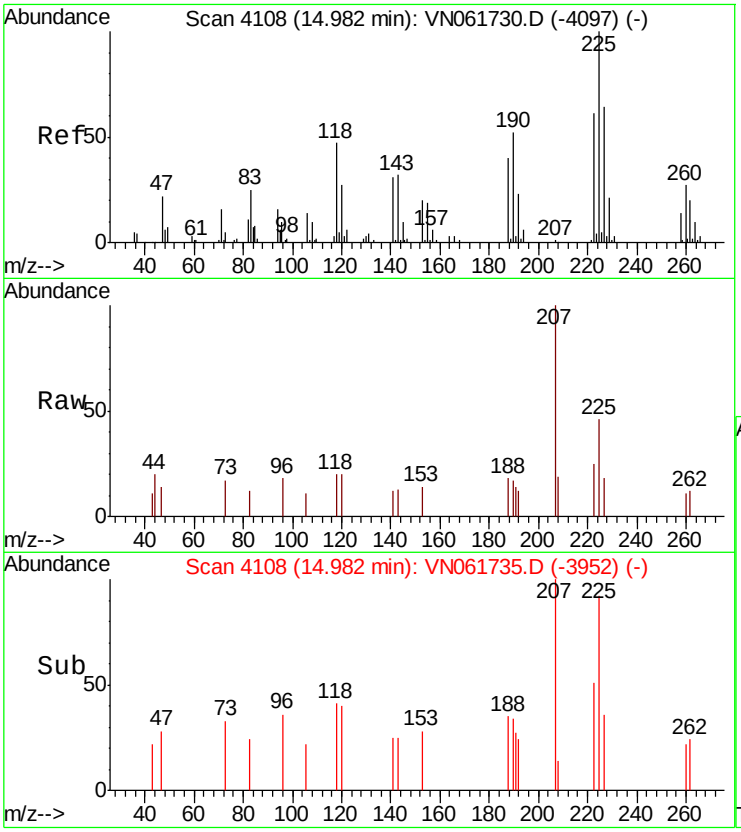


#89
1,2,4-Trichlorobenzene
Concen: 0.318 ug/l
RT: 14.89 min Scan# 4079
Delta R.T. 0.01 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion:180 Resp: 1353

Ion	Ratio	Lower	Upper
180	100		
182	109.8	75.6	113.4
145	25.2	24.5	36.7



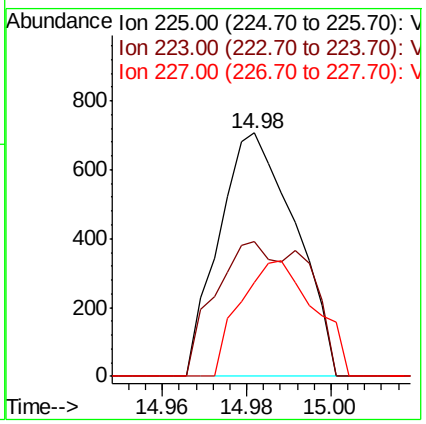


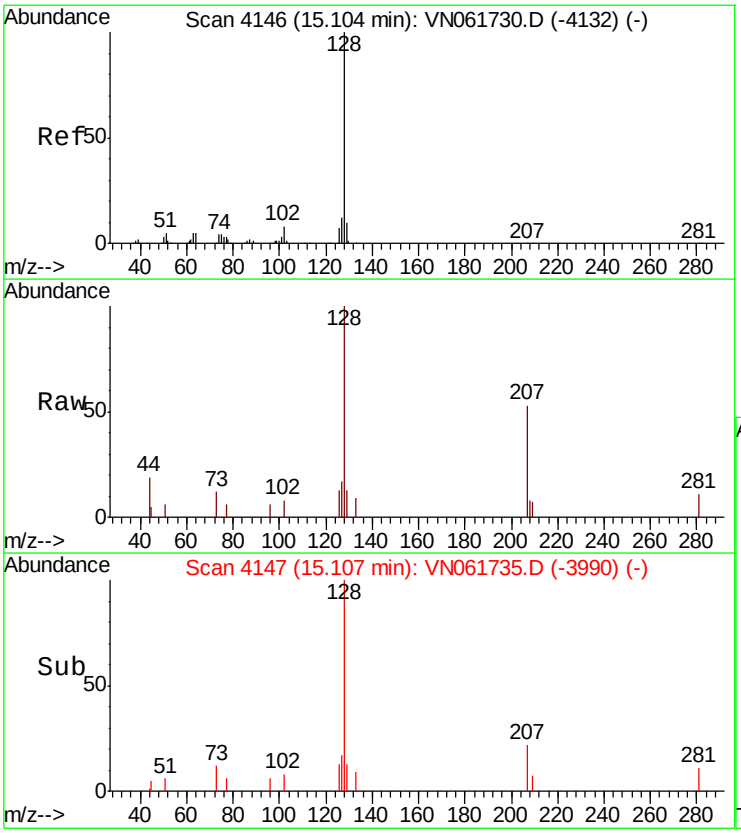
#90
Hexachlorobutadiene
Concen: 0.483 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion:225 Resp: 892

Ion	Ratio	Lower	Upper
225	100		
223	46.9	0.0	121.6
227	46.2	0.0	126.8

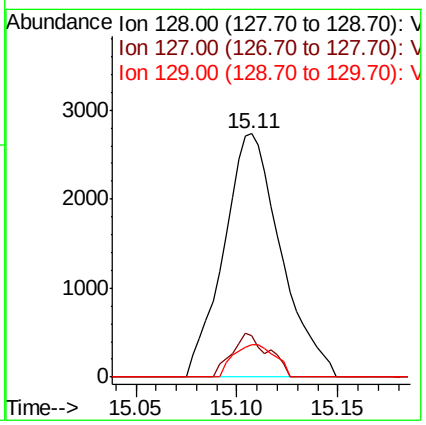


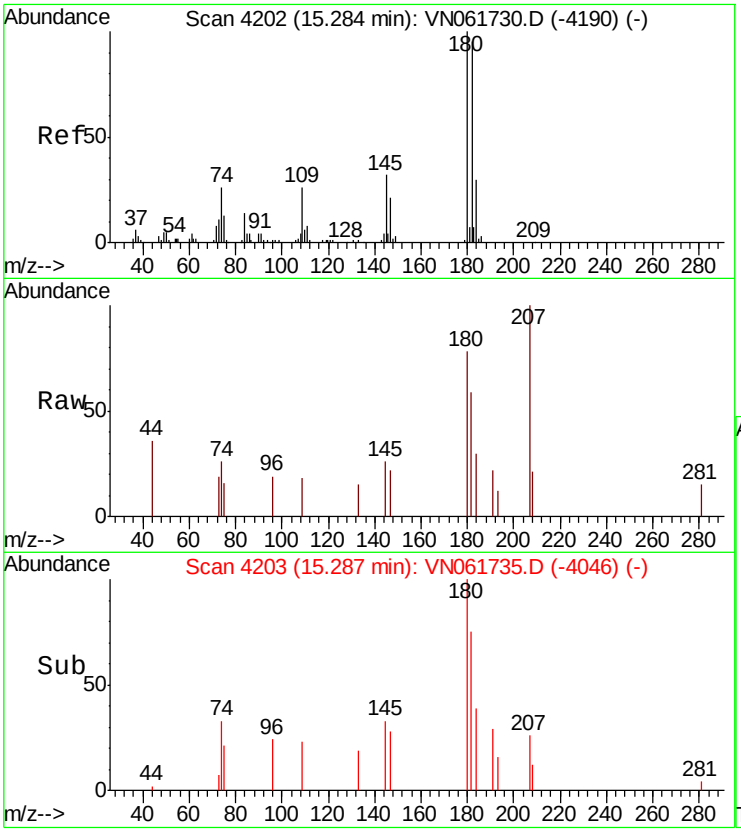


#91
Naphthalene
Concen: 0.457 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Tgt Ion:128 Resp: 5404

Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.2	15.2#
129	9.8	8.6	12.8





#92
1,2,3-Trichlorobenzene
Concen: 0.438 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061735.D
Acq: 10 Jun 2020 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

Tgt Ion:180 Resp: 1829

Ion	Ratio	Lower	Upper
180	100		
182	73.3	0.0	191.0
145	23.9	0.0	64.6