Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041620\
Data File : VN061015.D
Acq On : 16 Apr 2020 16:41
Operator : JC/MD
Sample : L2259-01DL 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : CHASSIS-BUS-WASHDL

Quant Time: Apr 17 03:58:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.64	168	158712	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.56	114	266248	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	242395	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101643	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.00	65	103376	50.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.82%				
35) Dibromofluoromethane	7.56	113	78584	50.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.08%				
50) Toluene-d8	10.08	98	324397	55.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.42%				
62) 4-Bromofluorobenzene	12.39	95	117094	50.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.70%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	743	0.264	ug/l		97
6) Chloroethane	2.68	64	275	0.204	ug/l	#	42
16) Acetone	3.79	43	2864	3.204	ug/l		90
17) Carbon Disulfide	4.02	76	1956	0.360	ug/l	#	74
20) Methylene Chloride	4.53	84	3088	1.582	ug/l		93
25) 2-Butanone	6.81	43	1519	1.109	ug/l	#	51
28) Bromochloromethane	7.34	49	26544	15.687	ug/l	#	19
30) Chloroform	7.35	83	313854	91.284	ug/l		99
31) Cyclohexane	7.63	56	3584	0.947	ug/l	#	1
36) 1,1-Dichloropropene	7.64	75	12881	4.688	ug/l	#	50
37) Ethyl Acetate	6.81	43	1519	0.509	ug/l	#	69
38) Carbon Tetrachloride	7.64	117	15682	6.857	ug/l	#	15
41) Methacrylonitrile	7.34	41	933	0.750	ug/l	#	100
43) Isopropyl Acetate	8.14	43	2064	0.425	ug/l	#	71
48) Methyl methacrylate	9.25	41	2972	1.386	ug/l	#	42
51) 4-Methyl-2-Pentanone	9.97	43	9336	3.338	ug/l		95
59) 2-Hexanone	10.75	43	3416	1.694	ug/l		63
76) 1,2,3-Trichloropropane	12.39	75	59454	26.593	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.39	75	59454	65.593	ug/l	#	12
82) 4-Chlorotoluene	12.77	91	1189	0.205	ug/l		77
84) 1,2,4-Trimethylbenzene	13.03	105	1572	0.236	ug/l		85
86) p-Isopropyltoluene	13.28	119	1368	0.200	ug/l		83
87) 1,3-Dichlorobenzene	13.28	146	956	0.282	ug/l		92
88) 1,4-Dichlorobenzene	13.28	146	956	0.280	ug/l		92
89) n-Butylbenzene	13.61	91	2516	0.396	ug/l		88
91) 1,2-Dichlorobenzene	13.65	146	837	0.259	ug/l		91
93) 1,2,4-Trichlorobenzene	14.90	180	1758	0.918	ug/l		96
94) Hexachlorobutadiene	15.01	225	668	0.678	ug/l		76
95) Naphthalene	15.13	128	6757	1.210	ug/l		95
96) 1,2,3-Trichlorobenzene	15.31	180	1749	0.948	ug/l		96

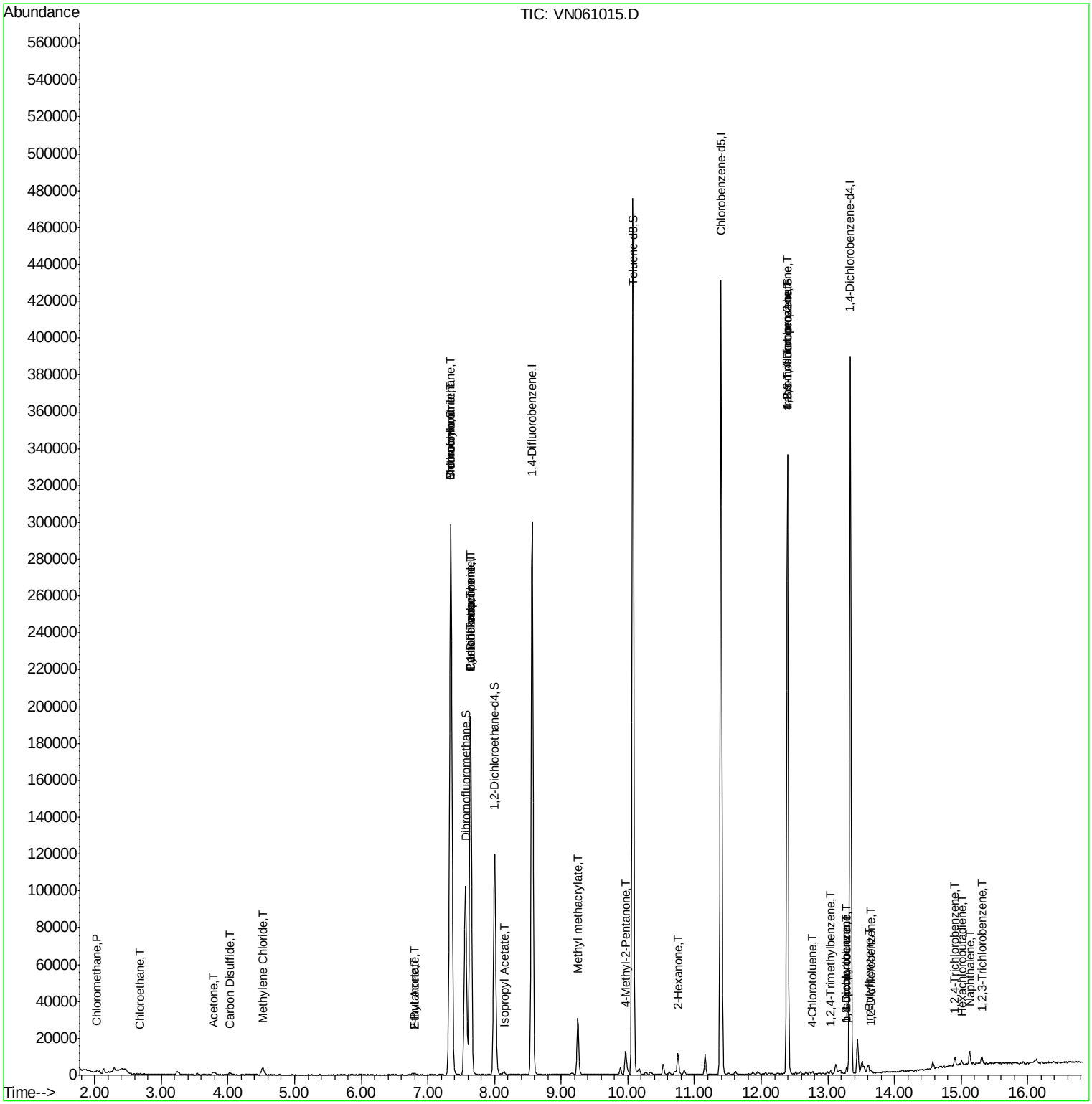
(#) = qualifier out of range (m) = manual integration (+) = signals summed

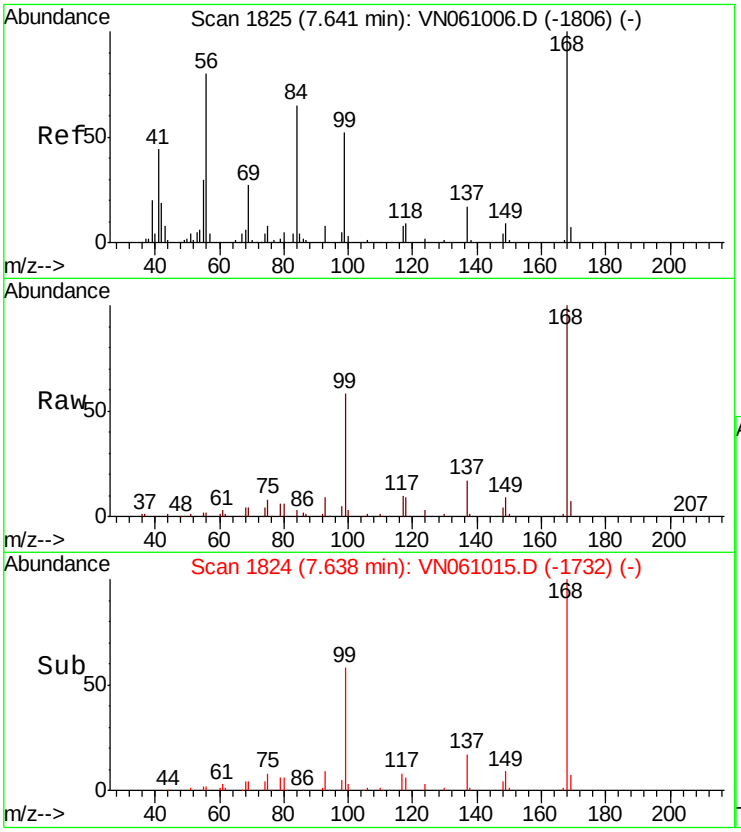
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041620\
Data File : VN061015.D
Acq On : 16 Apr 2020 16:41
Operator : JC/MD
Sample : L2259-01DL 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Quant Time: Apr 17 03:58:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration



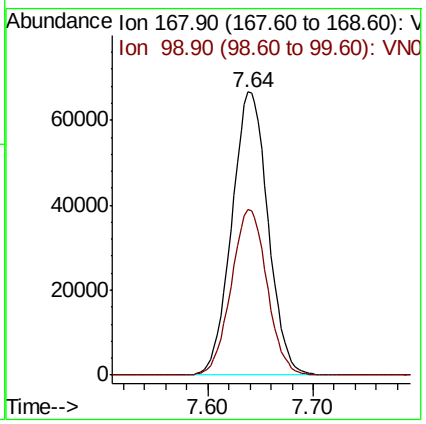


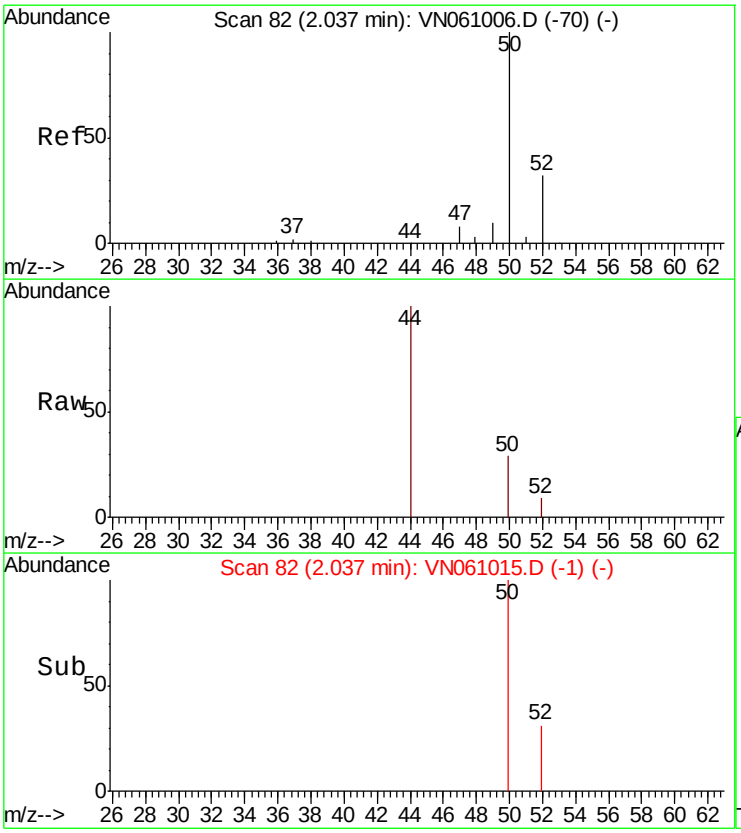
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion:168 Resp: 158712

Ion	Ratio	Lower	Upper
168	100		
99	58.4	47.4	71.2

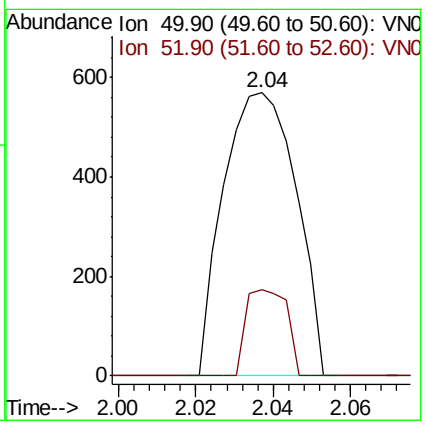


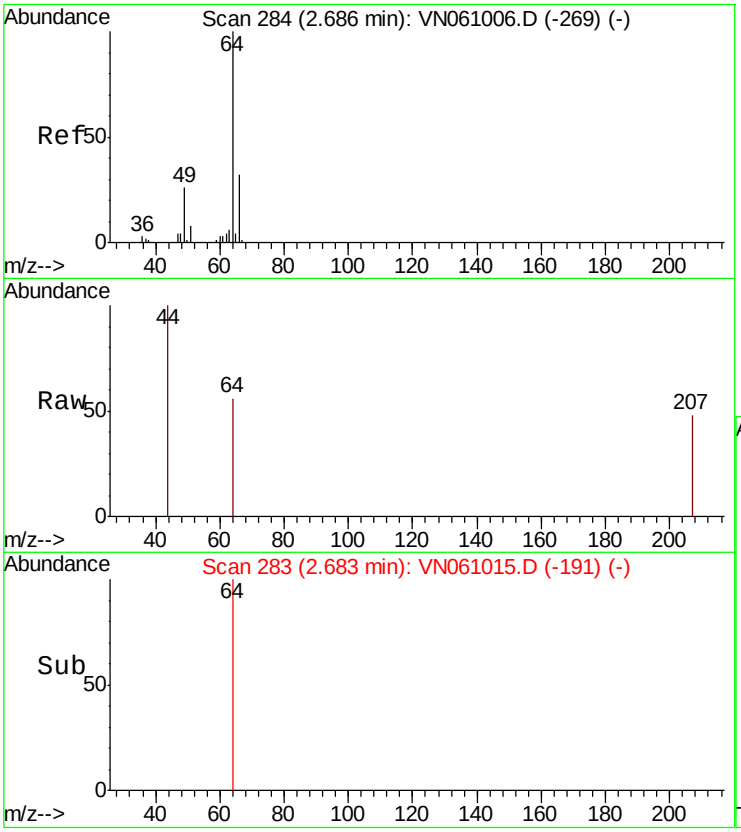


#3
Chloromethane
Concen: 0.264 ug/l
RT: 2.04 min Scan# 82
Delta R.T. -0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 50 Resp: 743

Ion	Ratio	Lower	Upper
50	100		
52	30.6	25.6	38.4



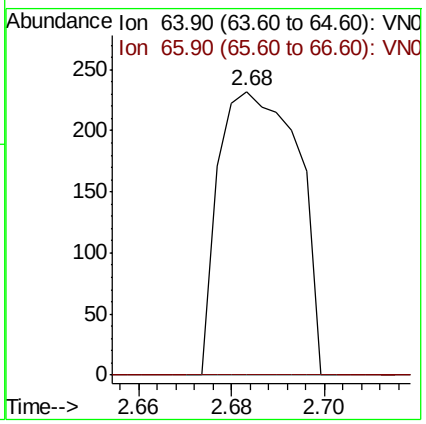


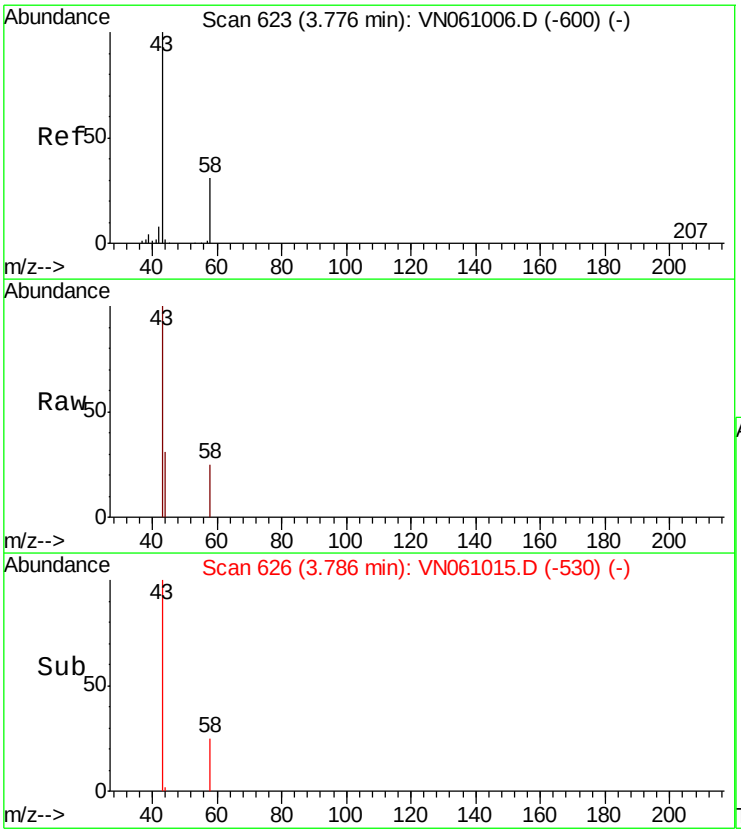
#6
Chloroethane
Concen: 0.204 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 64 Resp: 275

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#

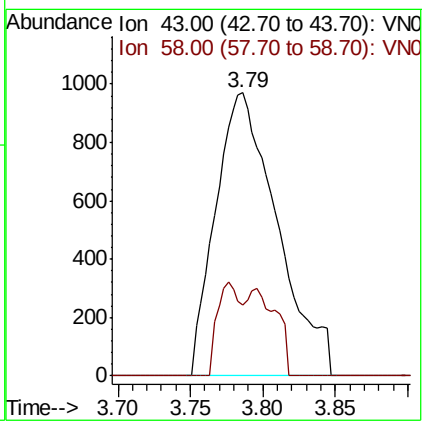


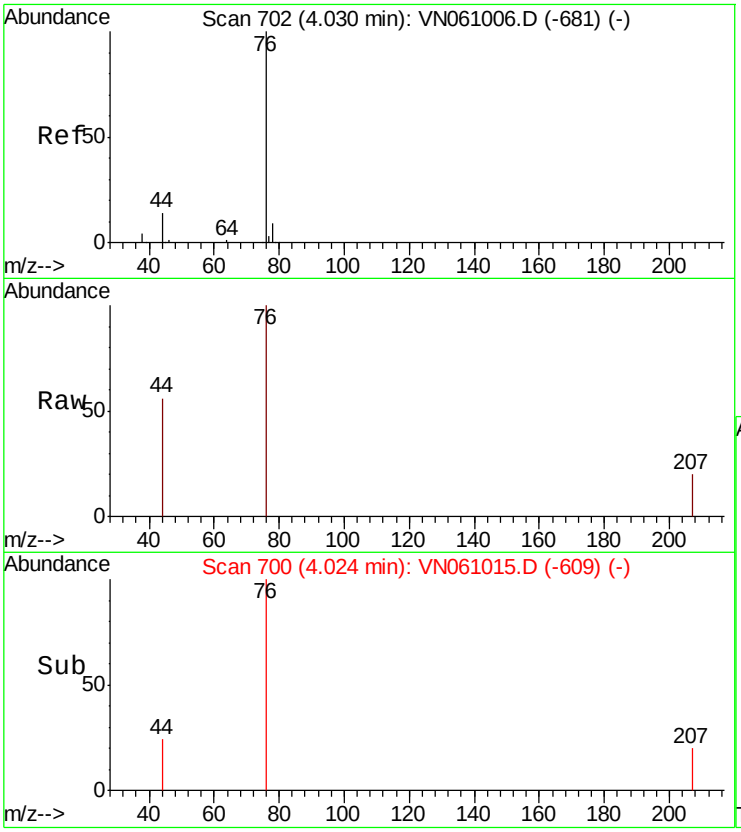


#16
Acetone
Concen: 3.204 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 43 Resp: 2864

Ion	Ratio	Lower	Upper
43	100		
58	25.1	24.6	37.0



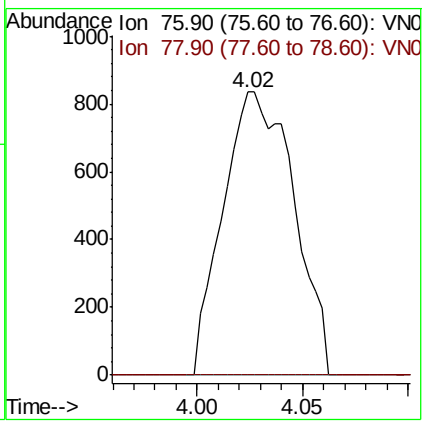


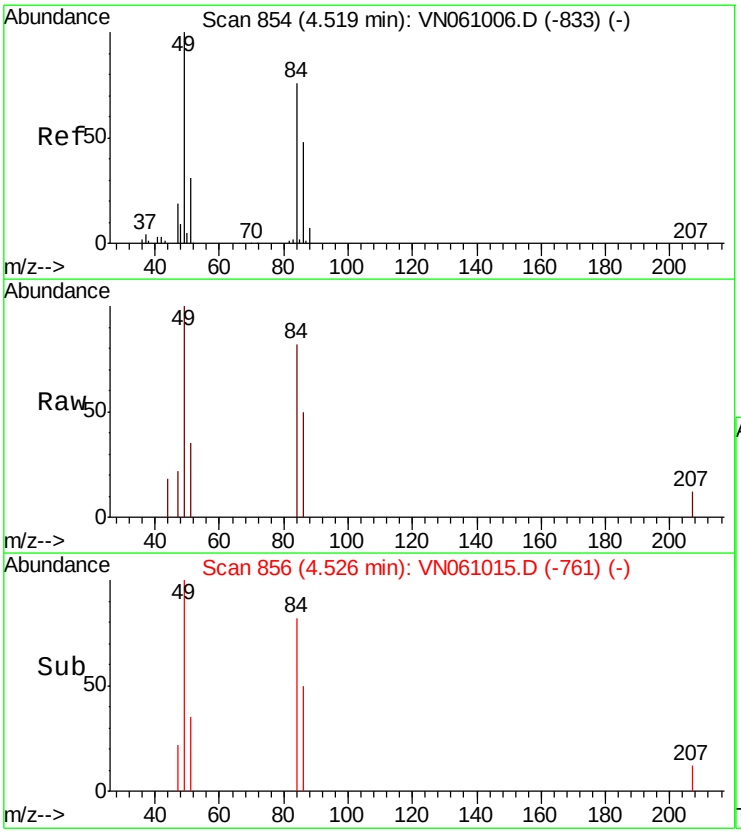
#17
Carbon Disulfide
Concen: 0.360 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 76 Resp: 1956

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

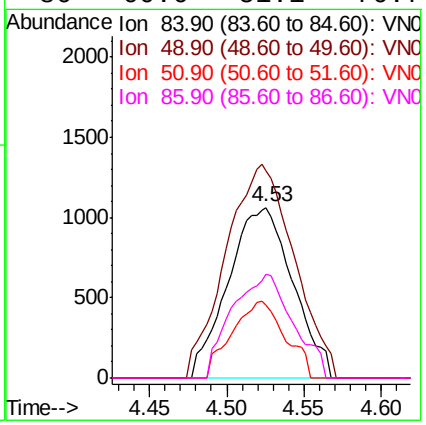


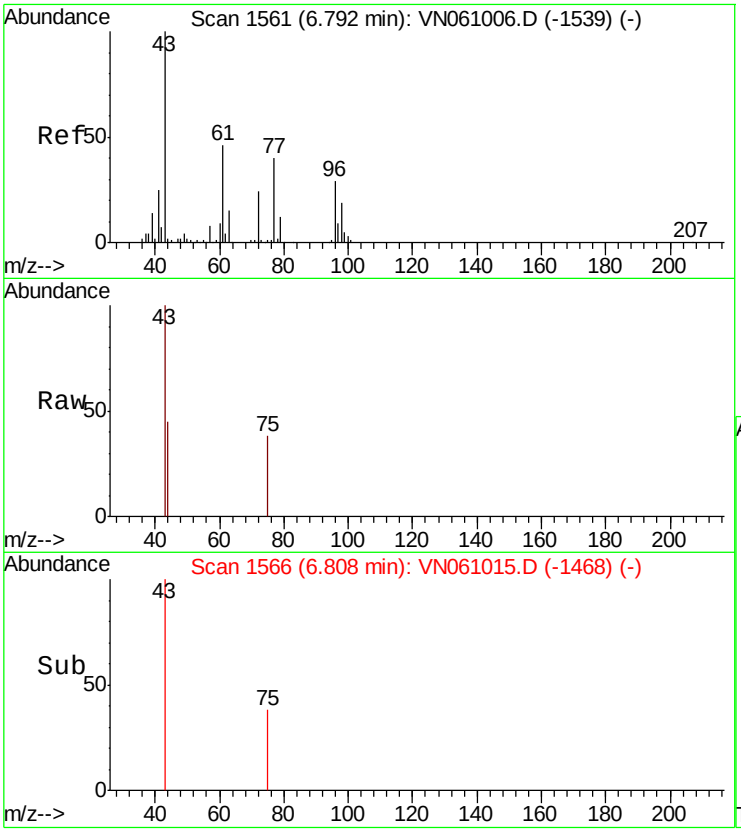


#20
Methylene Chloride
Concen: 1.582 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.01 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 84 Resp: 3088

Ion	Ratio	Lower	Upper
84	100		
49	121.8	105.8	158.6
51	42.6	32.4	48.6
86	60.6	51.1	76.7



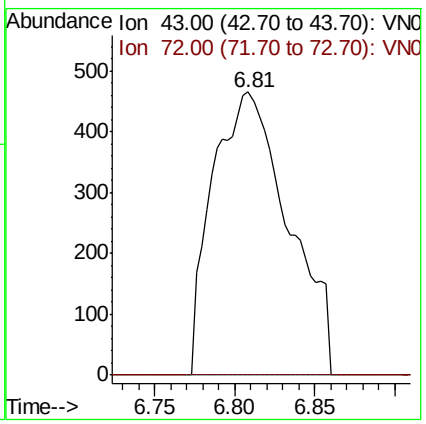


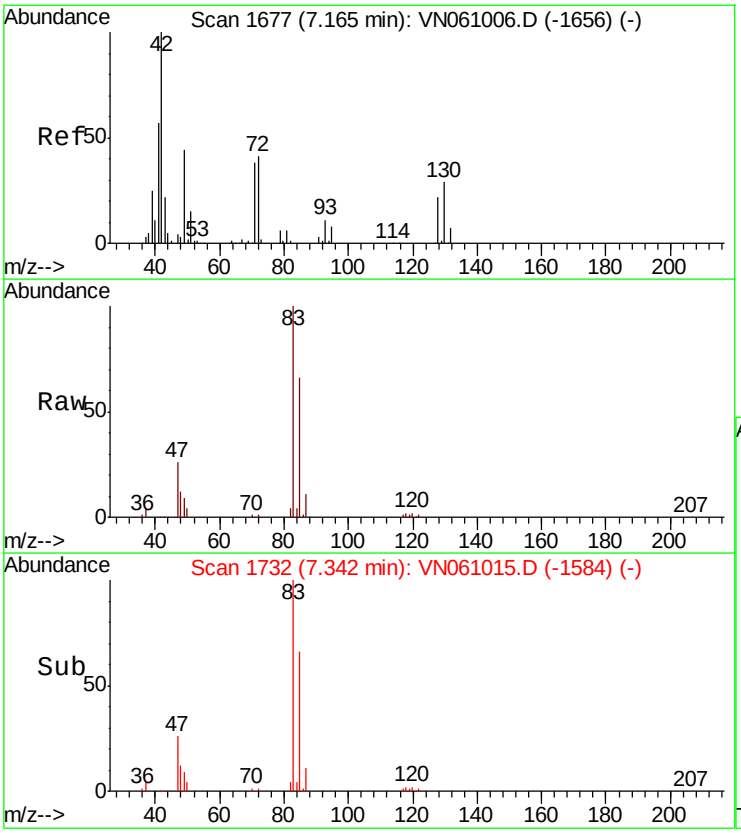
#25
2-Butanone
Concen: 1.109 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.02 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 43 Resp: 1519

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.6	29.4#

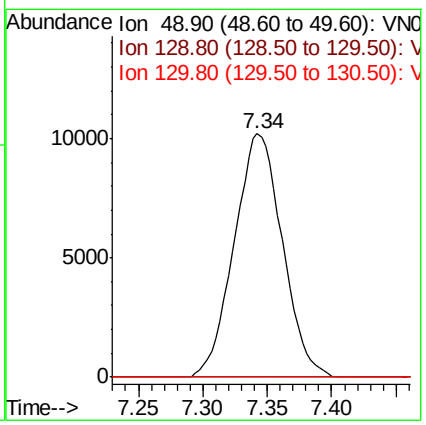


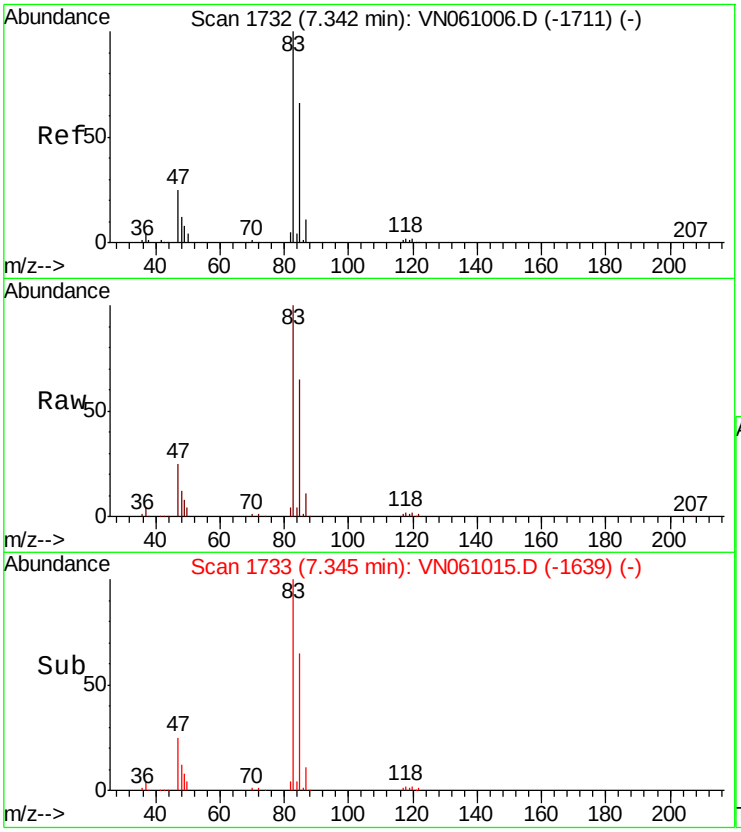


#28
Bromochloromethane
Concen: 15.687 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. 0.18 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 49 Resp: 26544

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	0.0	52.9	79.3#



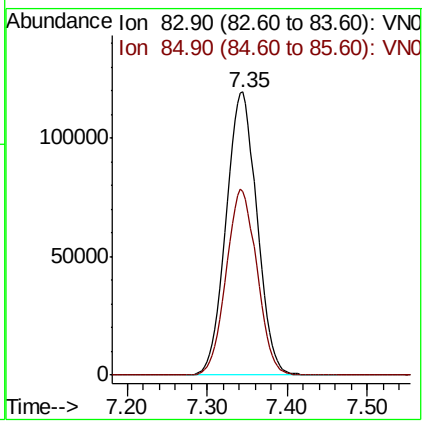


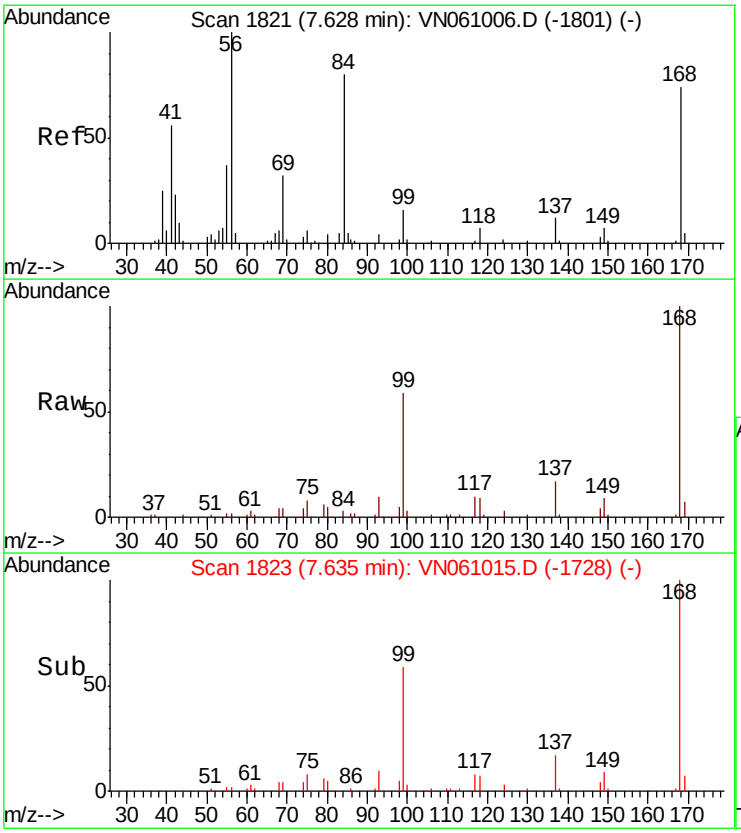
#30
Chloroform
Concen: 91.284 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 83 Resp: 313854

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.8	79.2

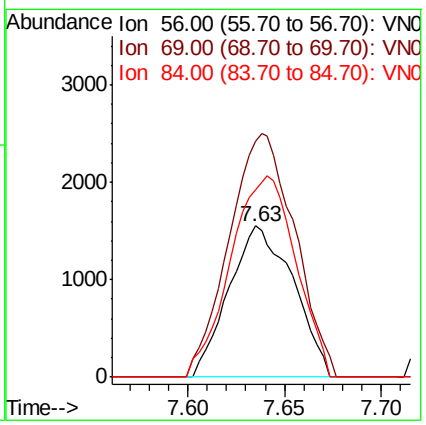


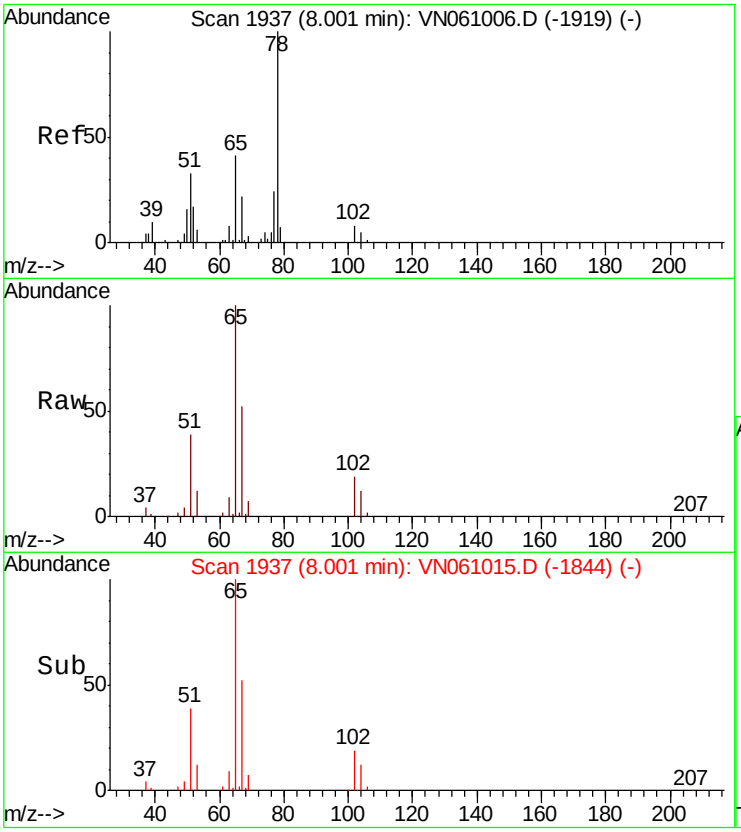


#31
Cyclohexane
Concen: 0.947 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 56 Resp: 3584

Ion	Ratio	Lower	Upper
56	100		
69	156.1	25.6	38.4#
84	123.7	63.4	95.2#



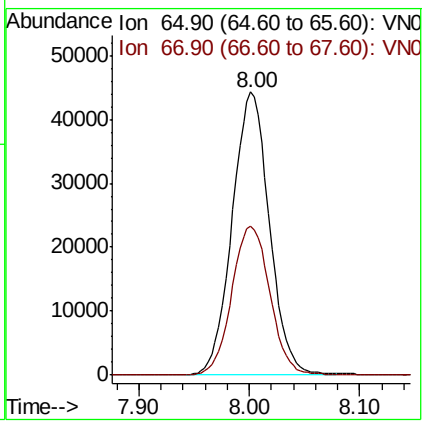


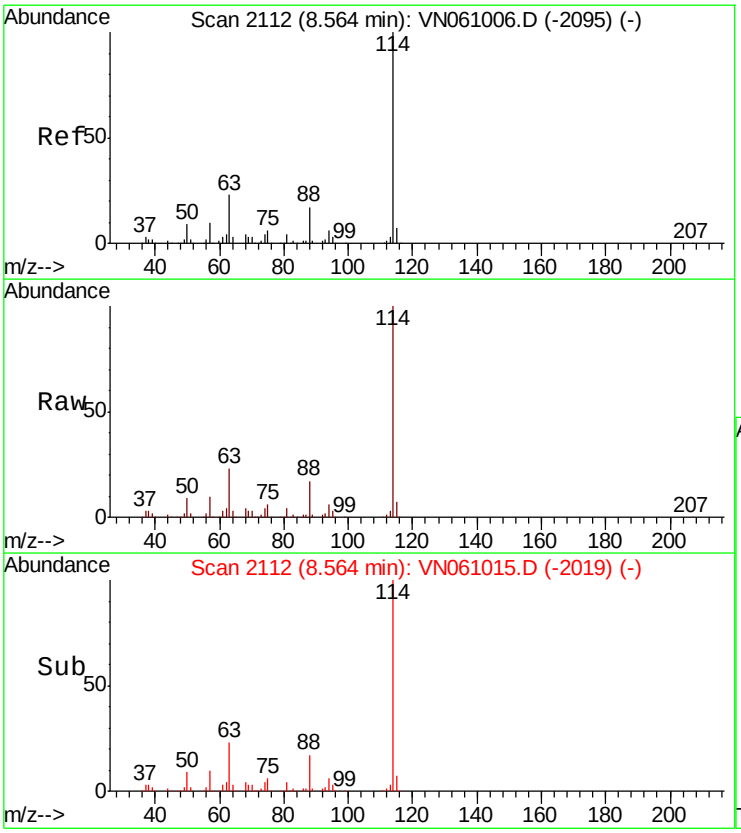
#33
1,2-Dichloroethane-d4
Concen: 50.909 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 65 Resp: 103376

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.0

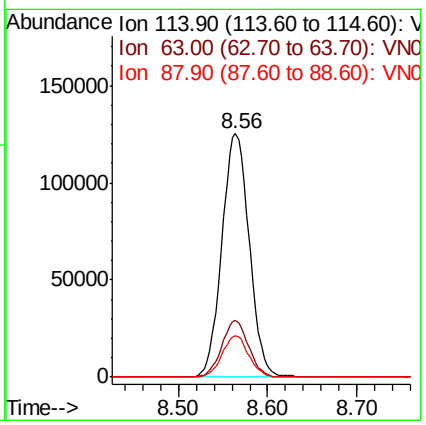


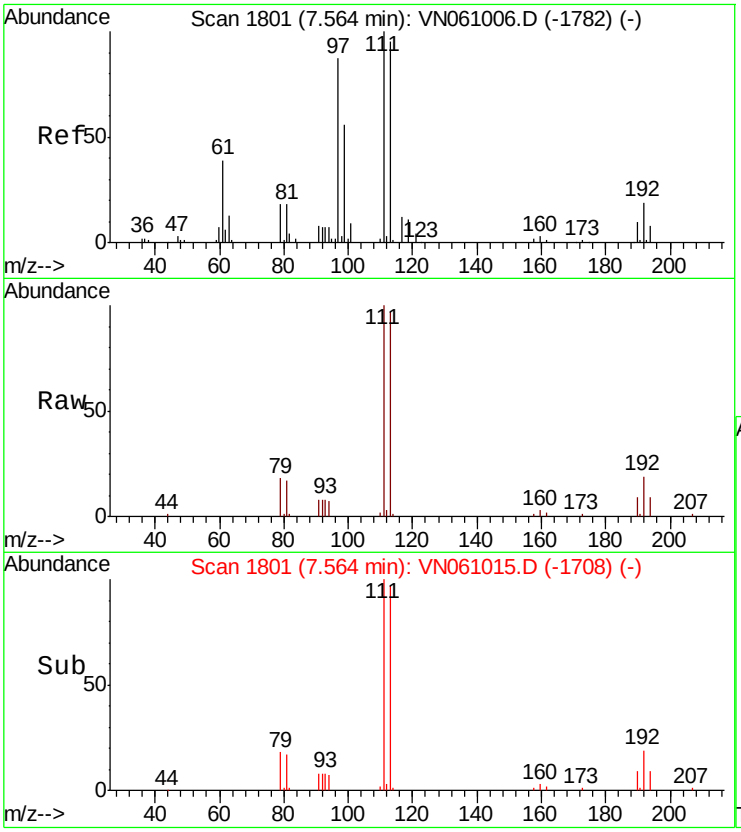


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion:114 Resp: 266248

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.2
88	17.1	0.0	33.4



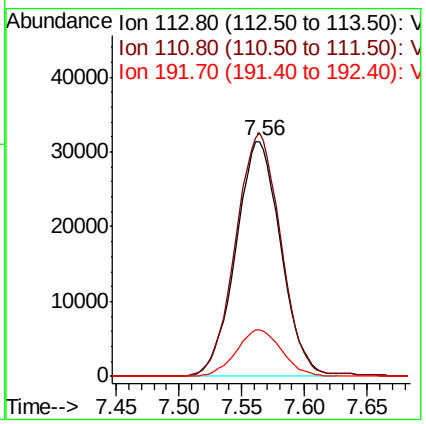


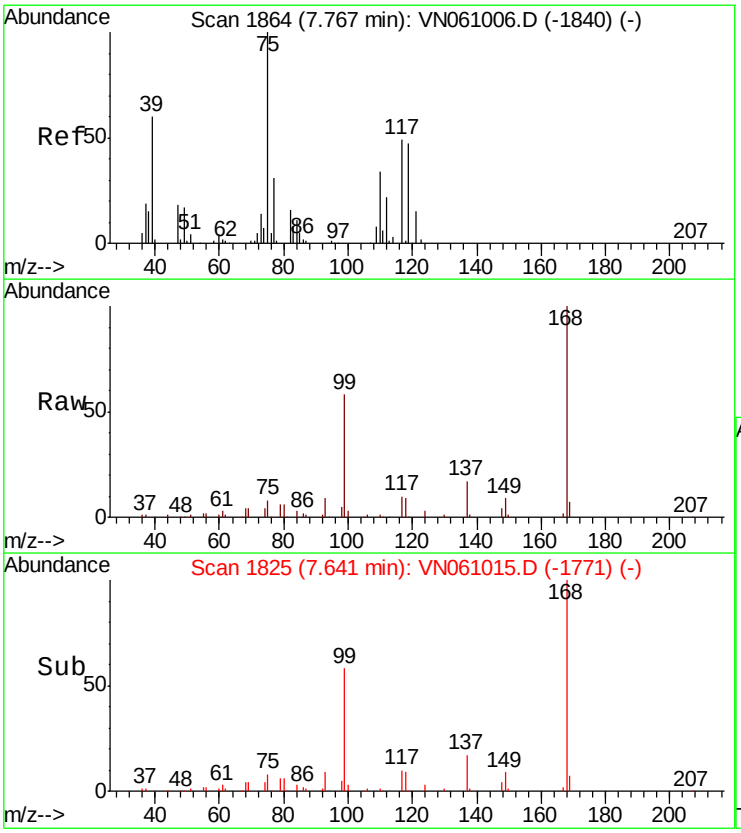
#35
Dibromofluoromethane
Concen: 50.541 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion:113 Resp: 78584

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.2
192	19.9	15.5	23.3

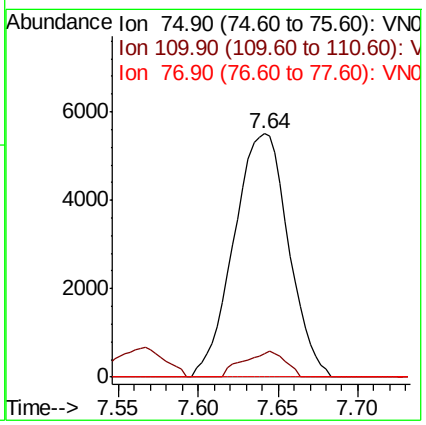


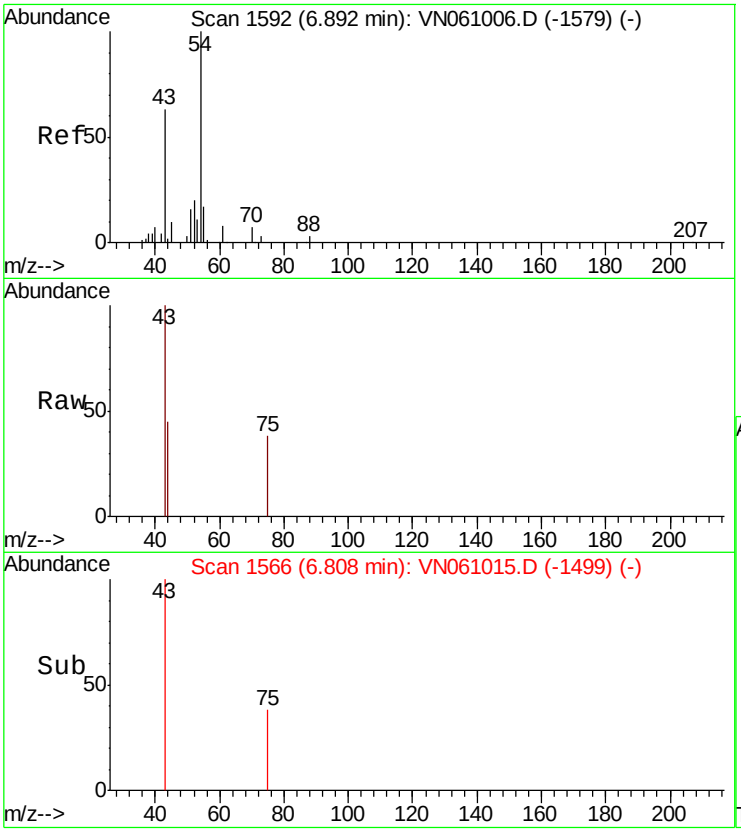


#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 75 Resp: 12881

Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.8	50.3#
77	0.0	24.7	37.1#



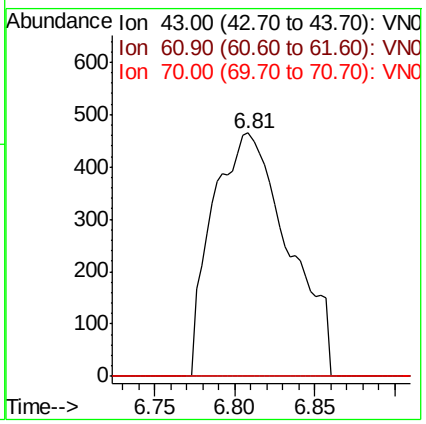


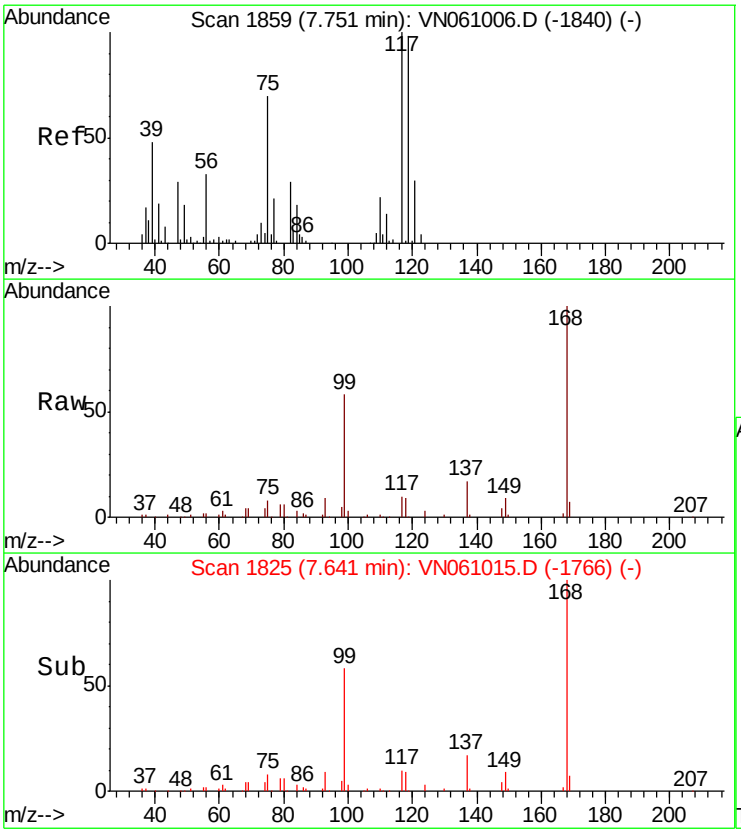
#37
Ethyl Acetate
Concen: 0.509 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.08 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 43 Resp: 1519

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#

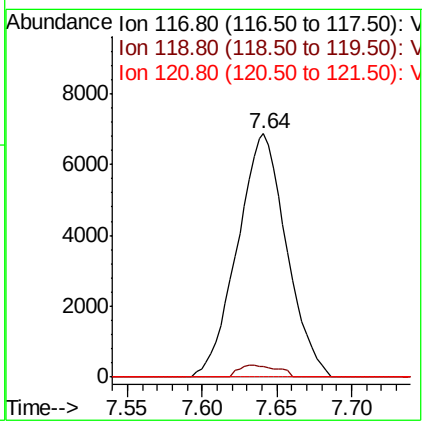


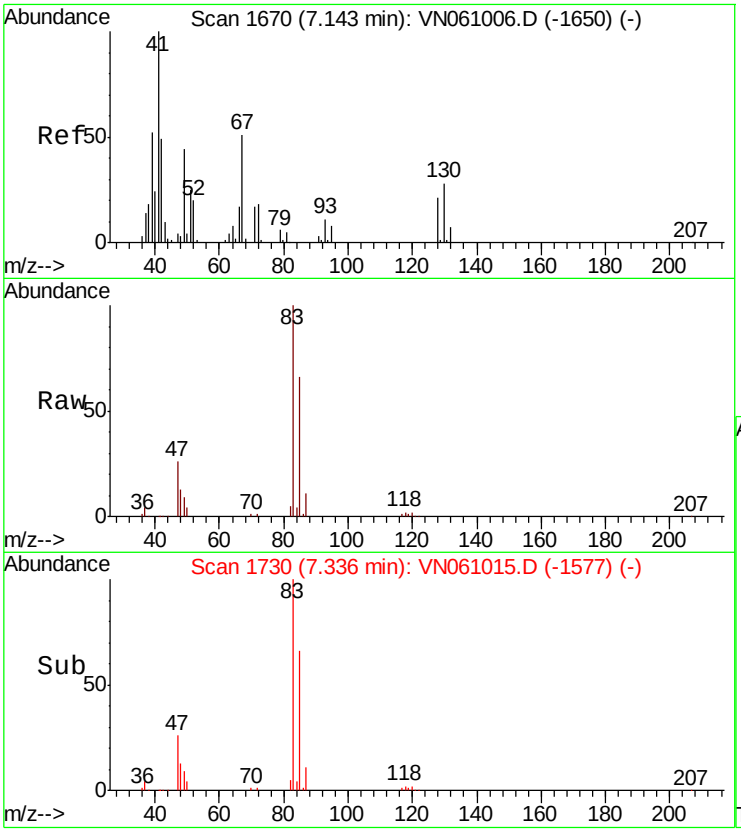


#38
Carbon Tetrachloride
Concen: 6.857 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion:117 Resp: 15682

Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.1	117.1#
121	0.0	24.0	36.0#



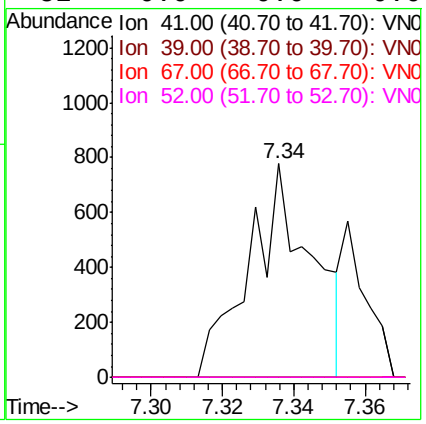


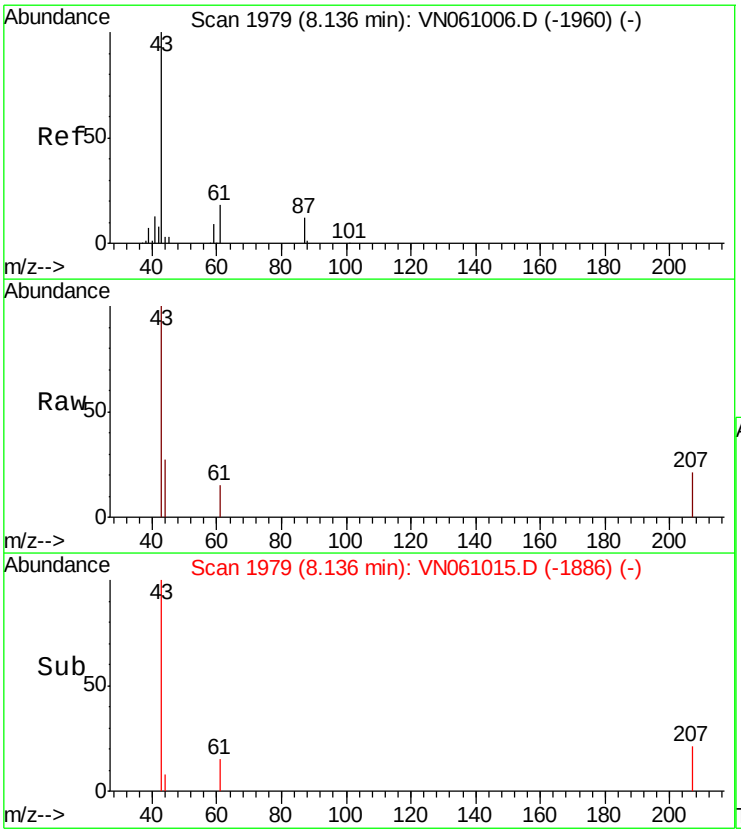
#41
Methacrylonitrile
Concen: 0.750 ug/l
RT: 7.34 min Scan# 1730
Delta R.T. 0.19 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 41 Resp: 933

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

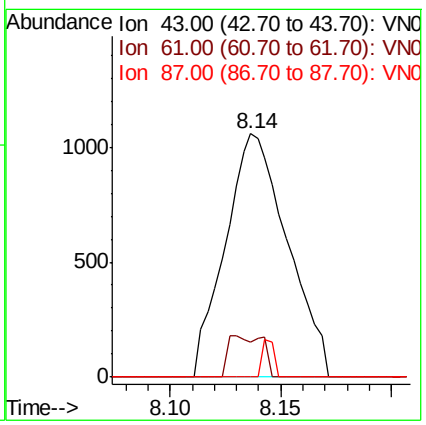


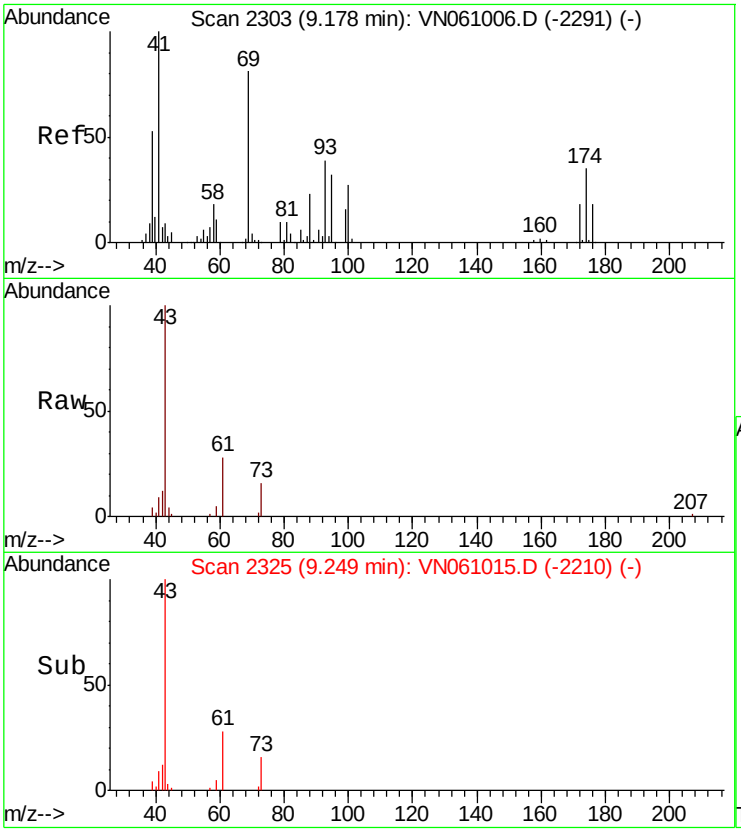


#43
Isopropyl Acetate
Concen: 0.425 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 43 Resp: 2064

Ion	Ratio	Lower	Upper
43	100		
61	9.6	20.3	30.5#
87	3.0	9.4	14.2#



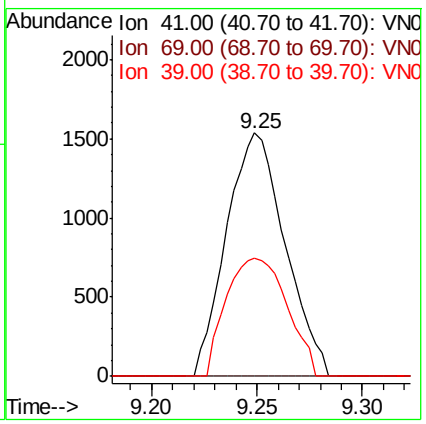


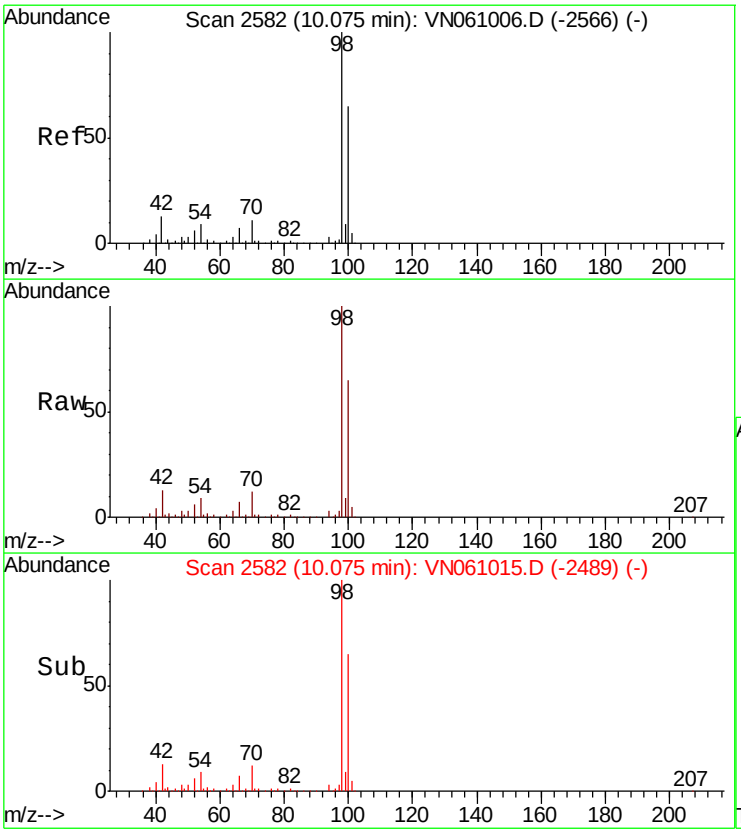
#48
Methyl methacrylate
Concen: 1.386 ug/l
RT: 9.25 min Scan# 2325
Delta R.T. 0.07 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument : MSVOA_N
ClientSampleId : CHASSIS-BUS-WASHDL

Tgt Ion: 41 Resp: 2972

Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.3	97.9#
39	50.1	45.2	67.8

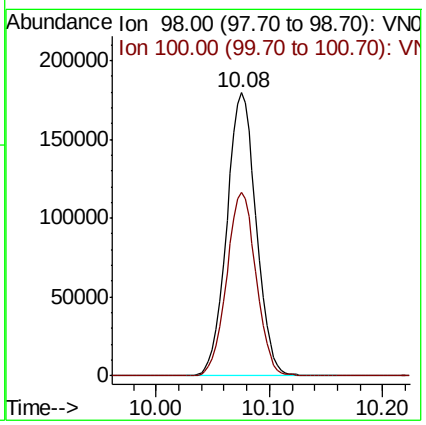


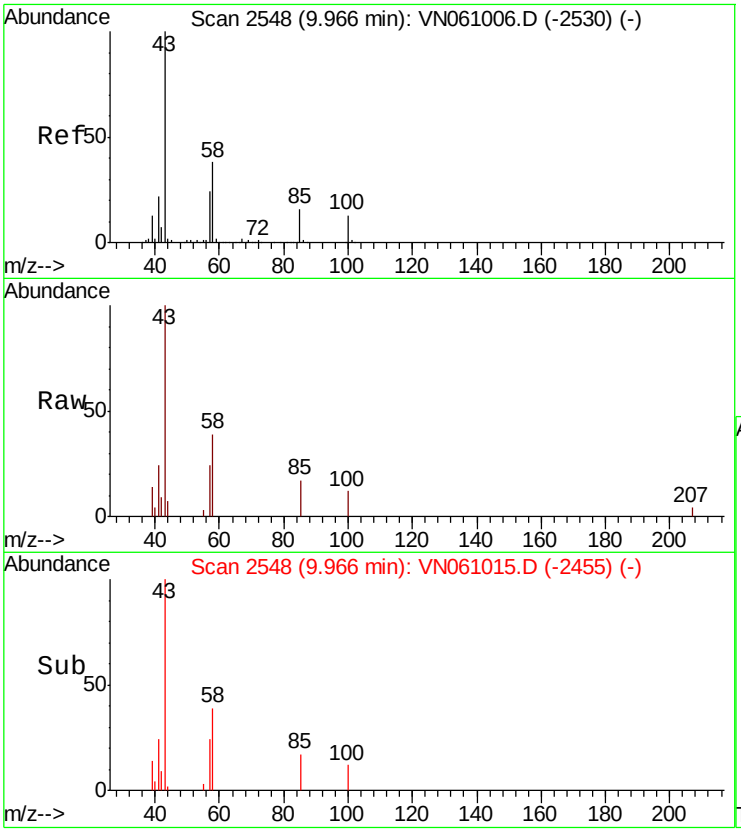


#50
Toluene-d8
Concen: 55.212 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 98 Resp: 324397

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9



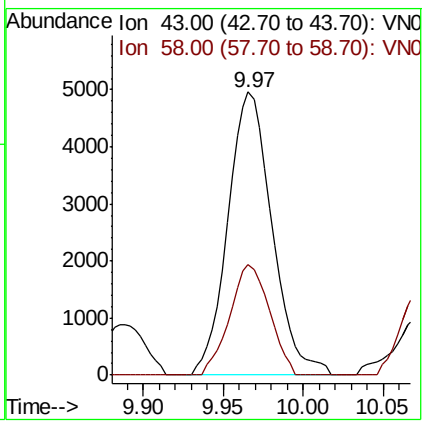


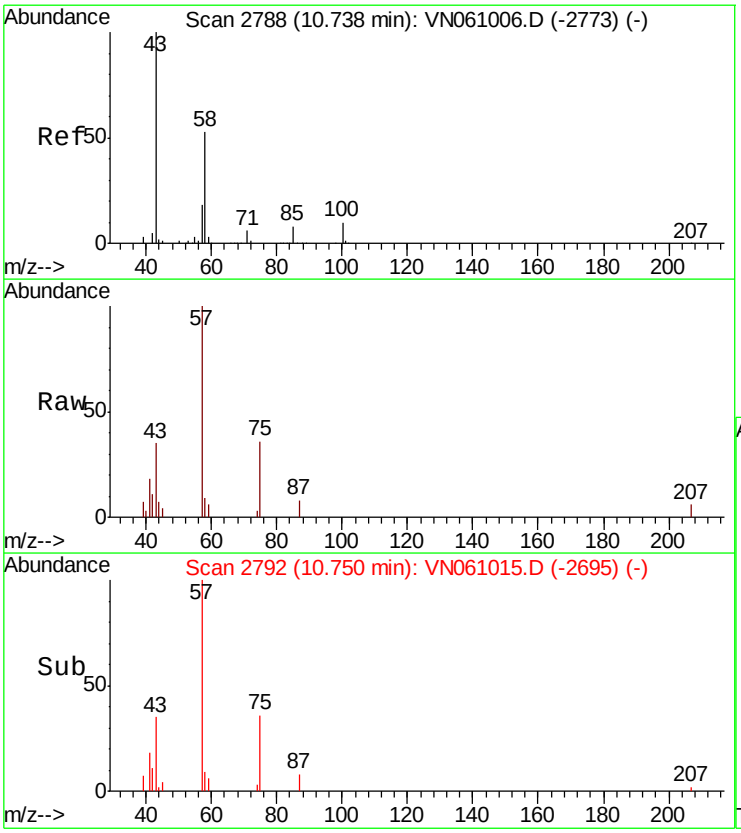
#51
4-Methyl-2-Pentanone
Concen: 3.338 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 43 Resp: 9336

Ion	Ratio	Lower	Upper
43	100		
58	35.0	30.3	45.5

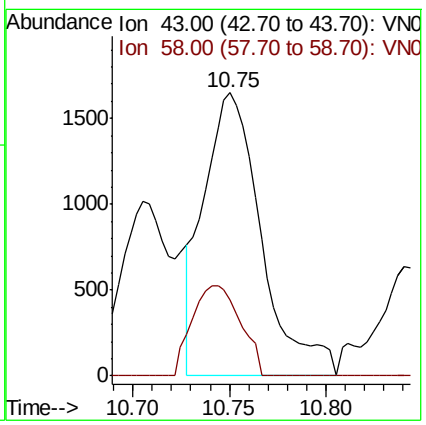


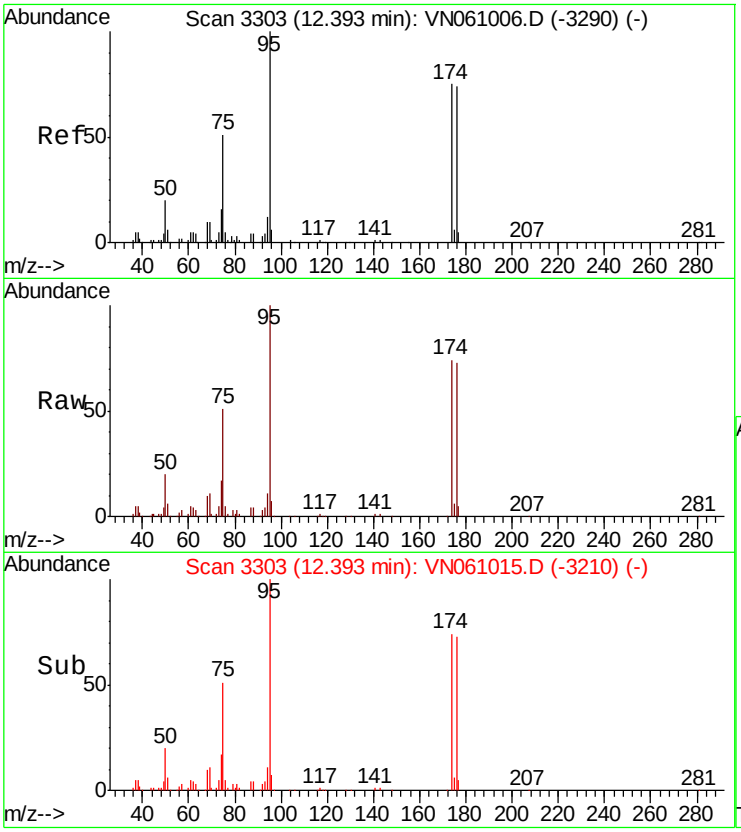


#59
2-Hexanone
Concen: 1.694 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.01 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 43 Resp: 3416

Ion	Ratio	Lower	Upper
43	100		
58	26.7	26.4	79.0



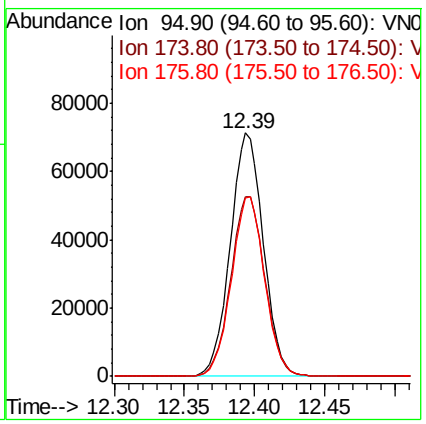


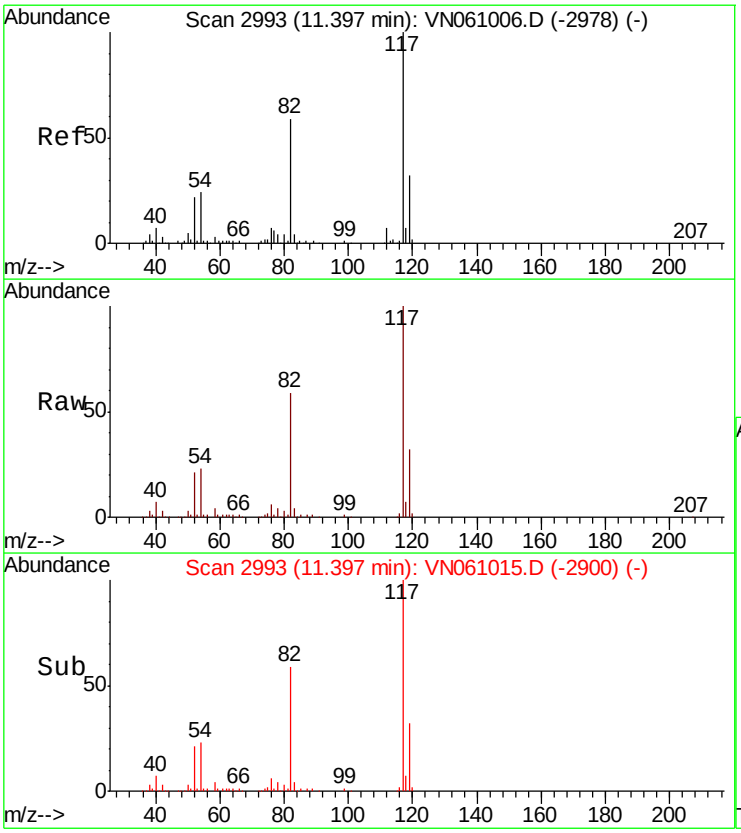
#62
4-Bromofluorobenzene
Concen: 50.849 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 95 Resp: 117094

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	151.2
176	74.1	0.0	148.2

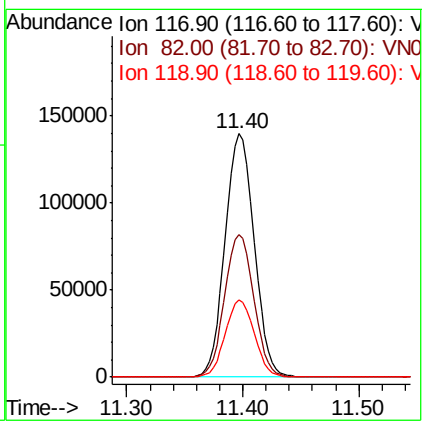


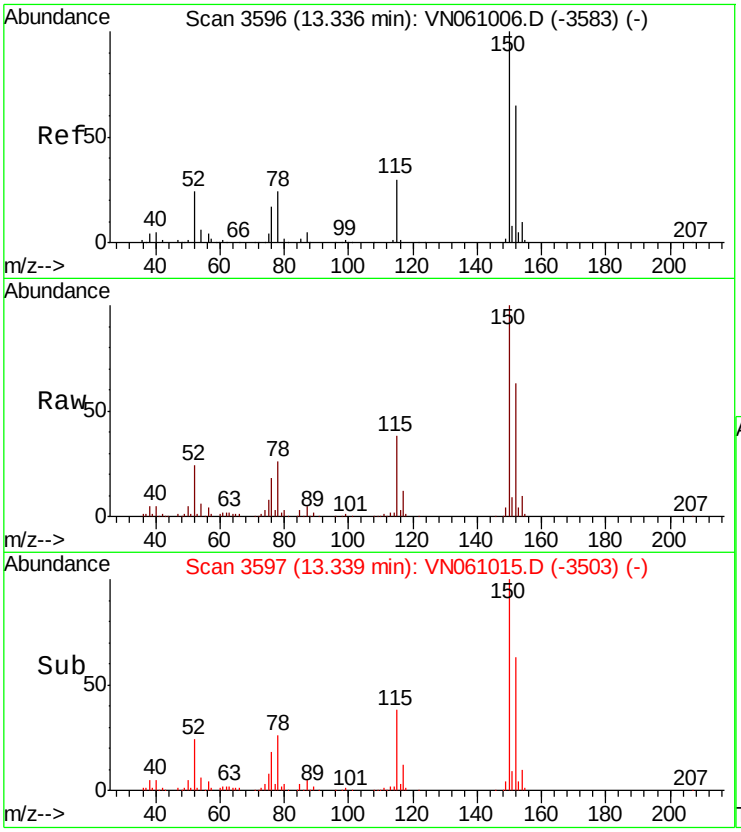


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion:117 Resp: 242395

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.1	70.7
119	31.7	25.7	38.5



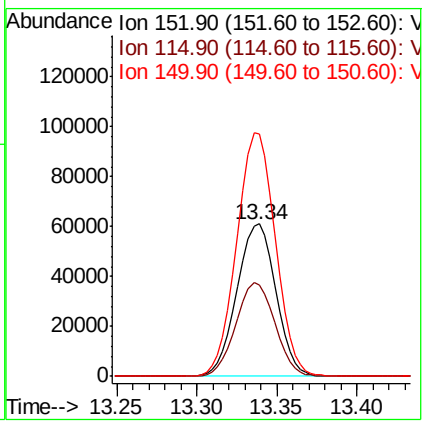


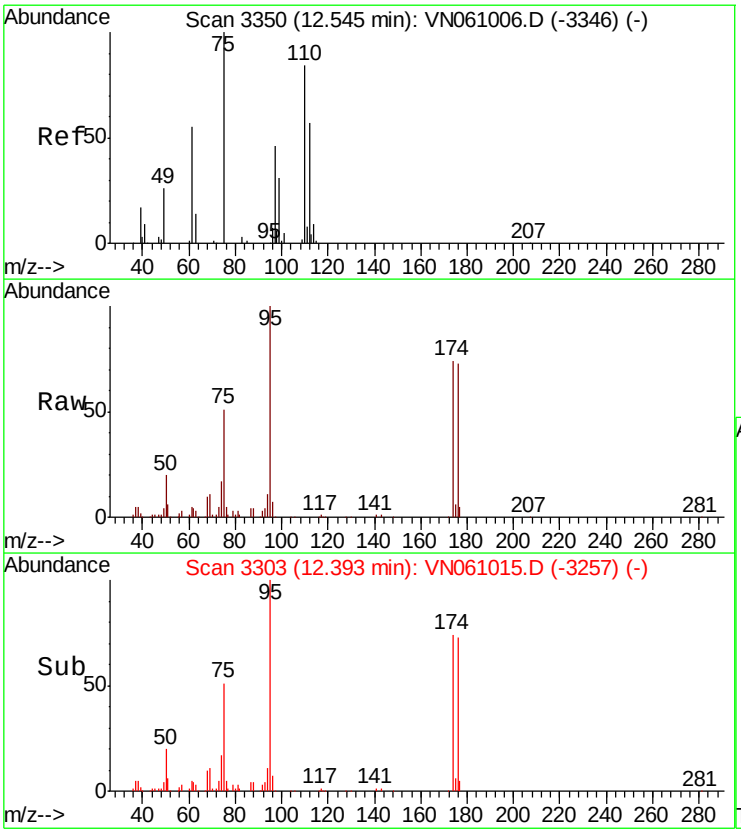
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument : MSVOA_N
ClientSampleId : CHASSIS-BUS-WASHDL

Tgt Ion:152 Resp: 101643

Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.8	92.4
150	158.1	0.0	349.0

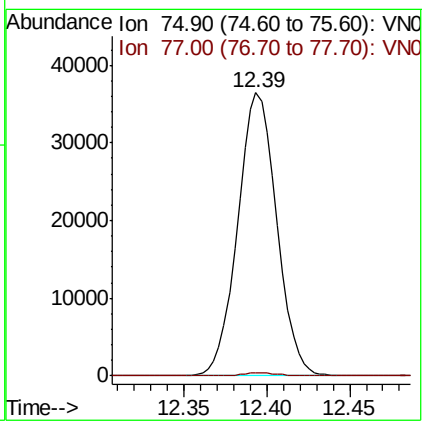


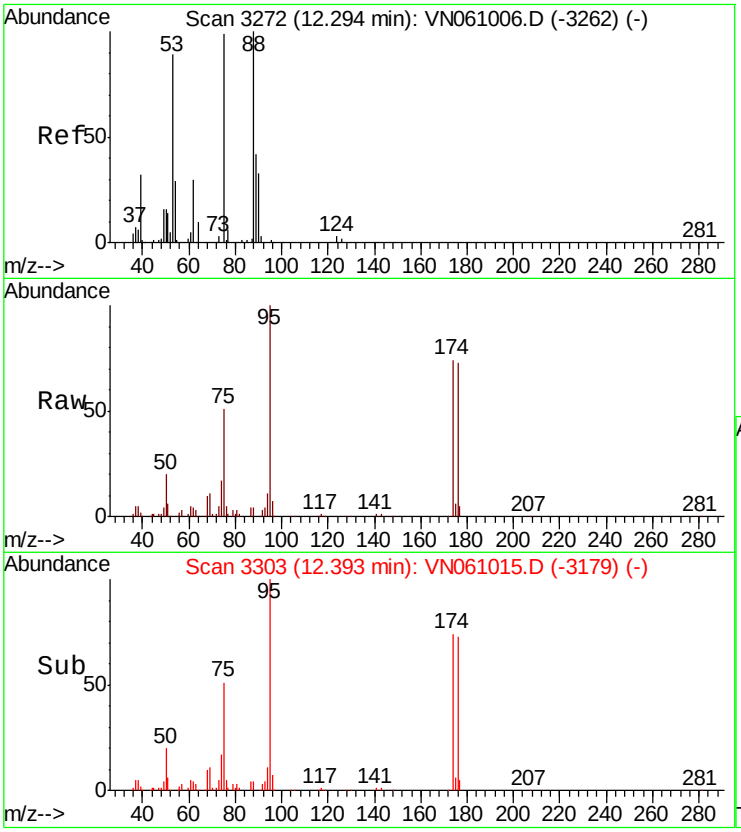


#76
1,2,3-Trichloropropane
Concen: 26.593 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.15 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 75 Resp: 59454

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



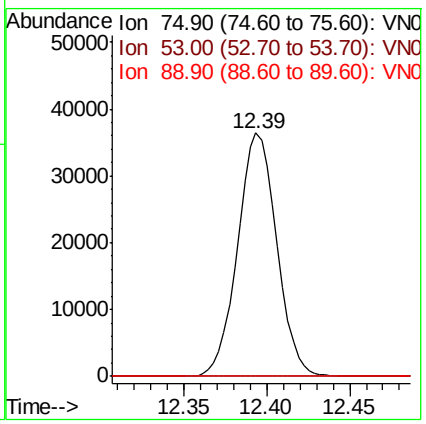


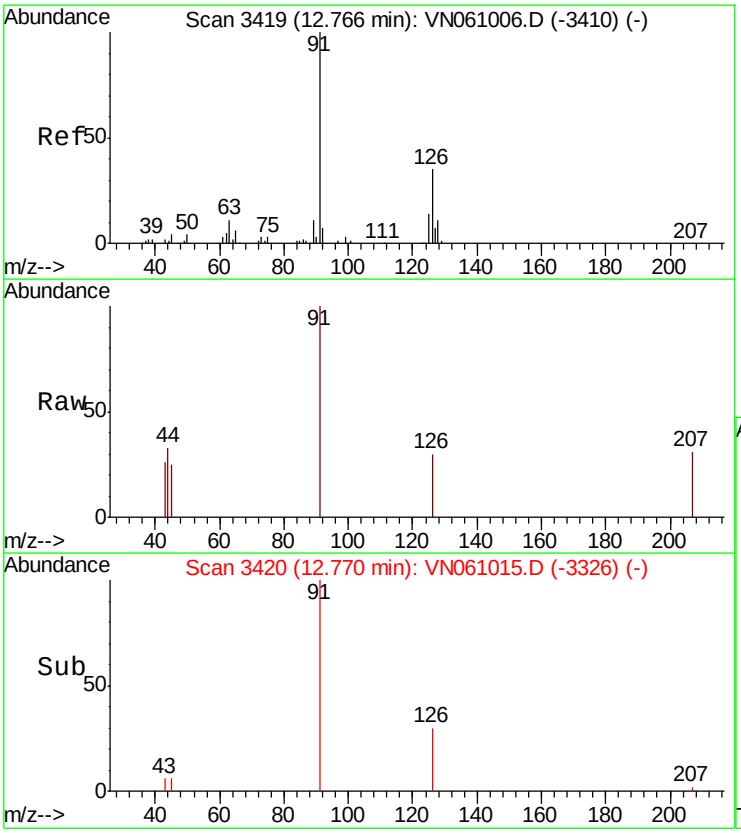
#81
trans-1,4-Dichloro-2-butene
Concen: 65.593 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.10 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 75 Resp: 59454

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	34.6	52.0#

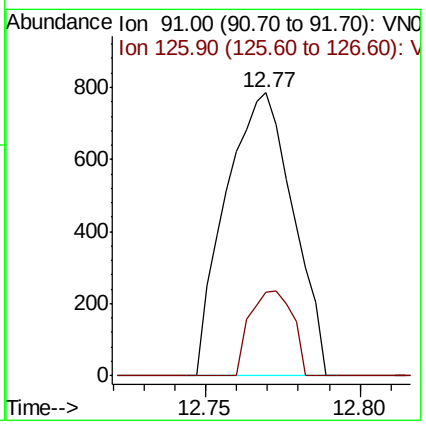


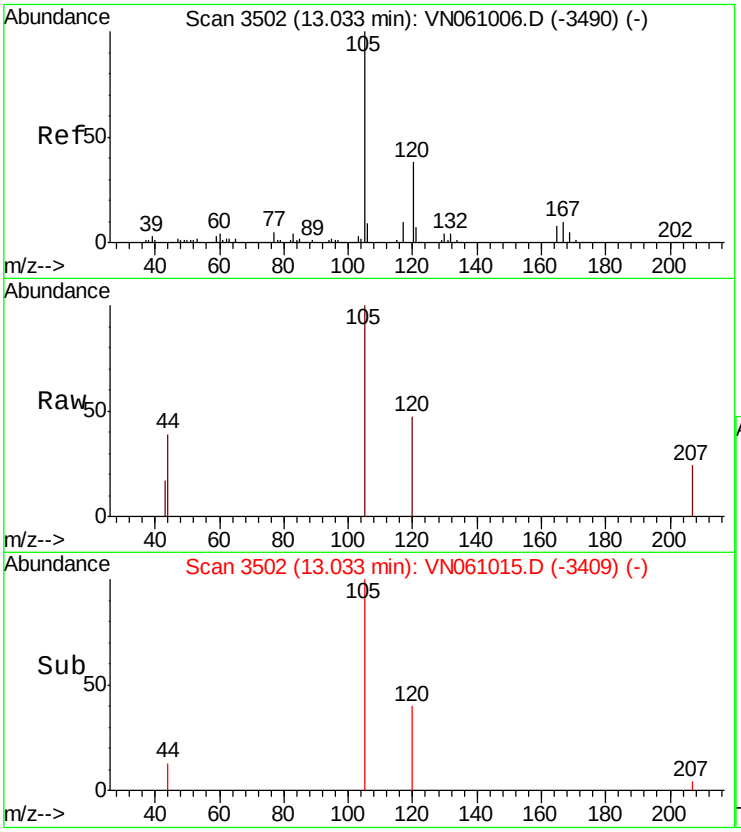


#82
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion: 91 Resp: 1189

Ion	Ratio	Lower	Upper
91	100		
126	19.1	15.9	47.6



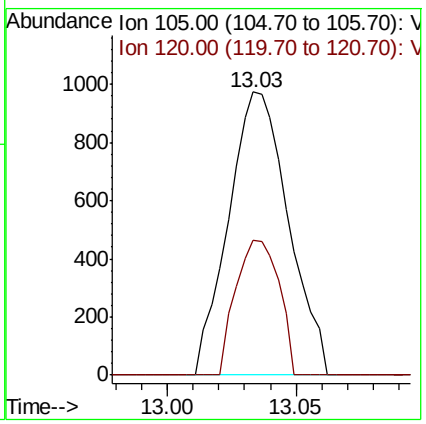


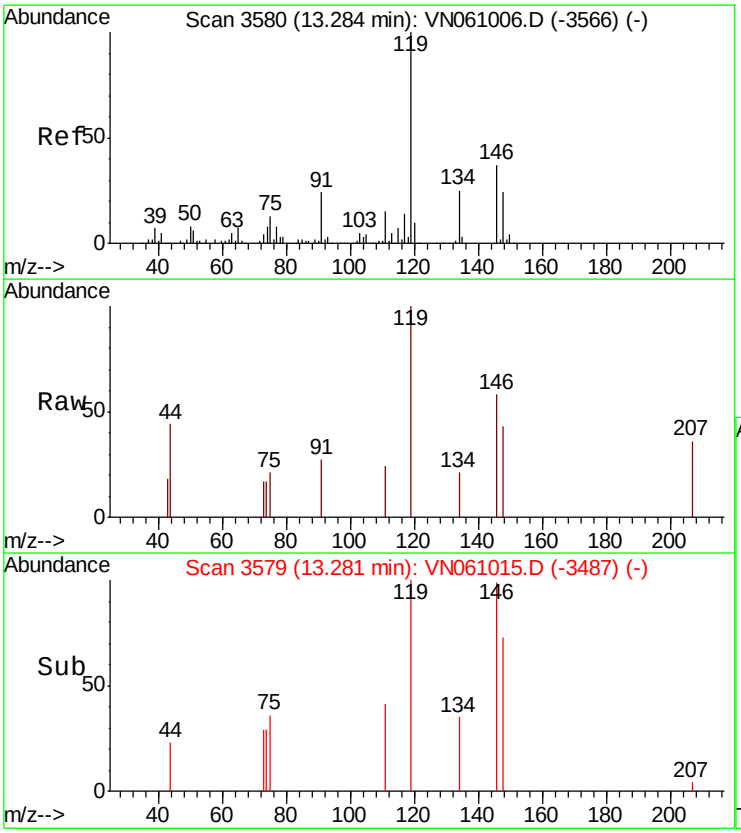
#84
1,2,4-Trimethylbenzene
Concen: 0.236 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion:105 Resp: 1572

Ion	Ratio	Lower	Upper
105	100		
120	34.3	22.1	66.5

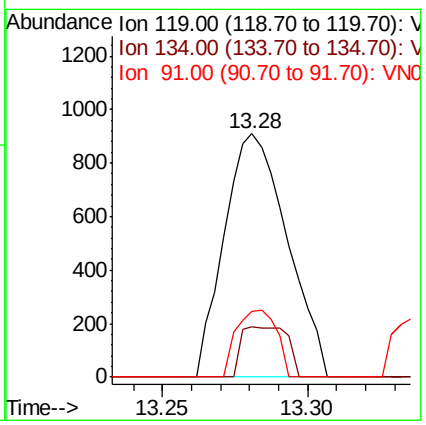


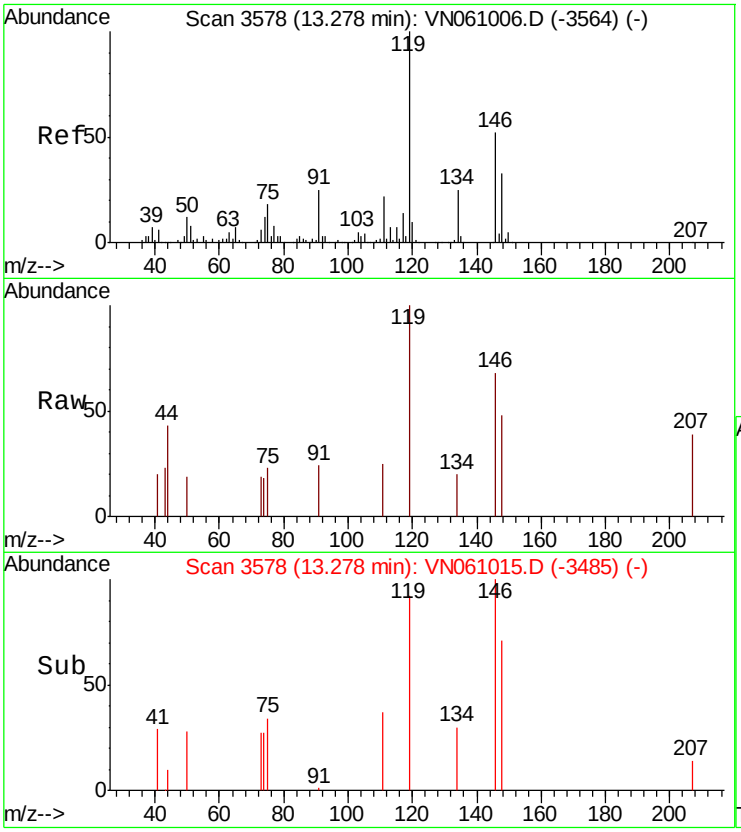


#86
p-Isopropyltoluene
Concen: 0.200 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion:119 Resp: 1368

Ion	Ratio	Lower	Upper
119	100		
134	15.1	12.8	38.4
91	17.8	12.3	36.8



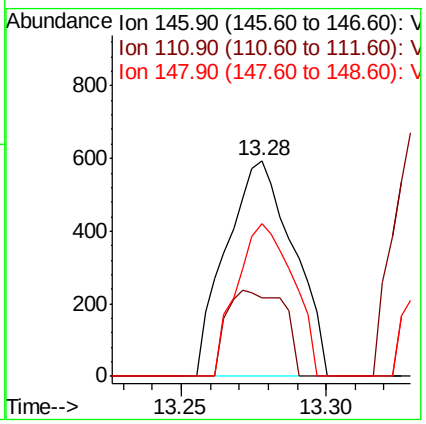


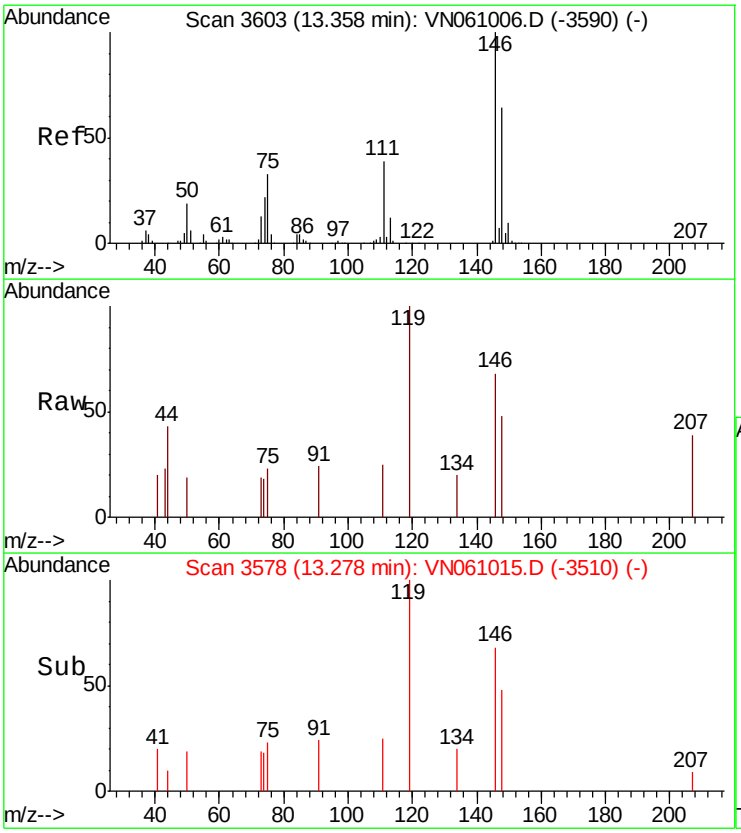
#87
1,3-Dichlorobenzene
Concen: 0.282 ug/l
RT: 13.28 min Scan# 3578
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion:146 Resp: 956

Ion	Ratio	Lower	Upper
146	100		
111	33.8	20.6	61.8
148	59.1	31.8	95.3

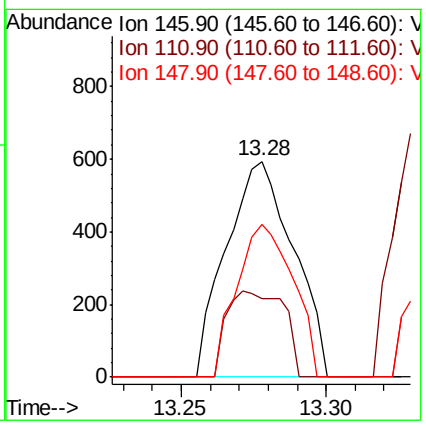


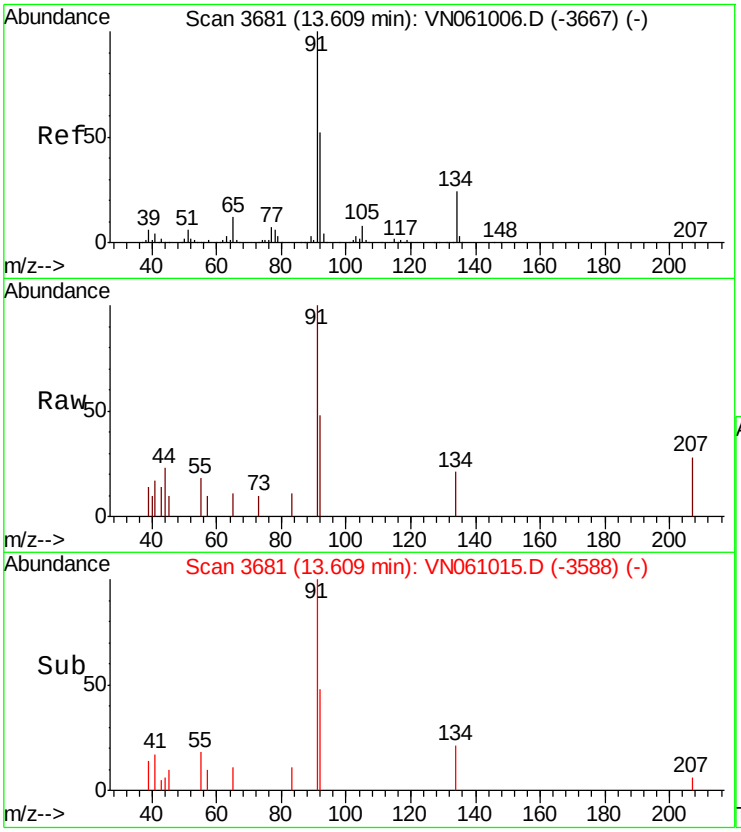


#88
1,4-Dichlorobenzene
Concen: 0.280 ug/l
RT: 13.28 min Scan# 3578
Delta R.T. -0.08 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion:146 Resp: 956

Ion	Ratio	Lower	Upper
146	100		
111	33.8	20.1	60.3
148	59.1	32.1	96.3



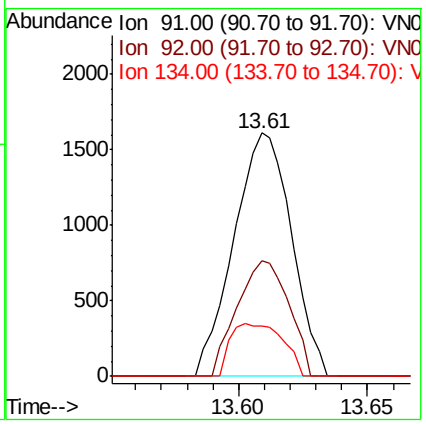


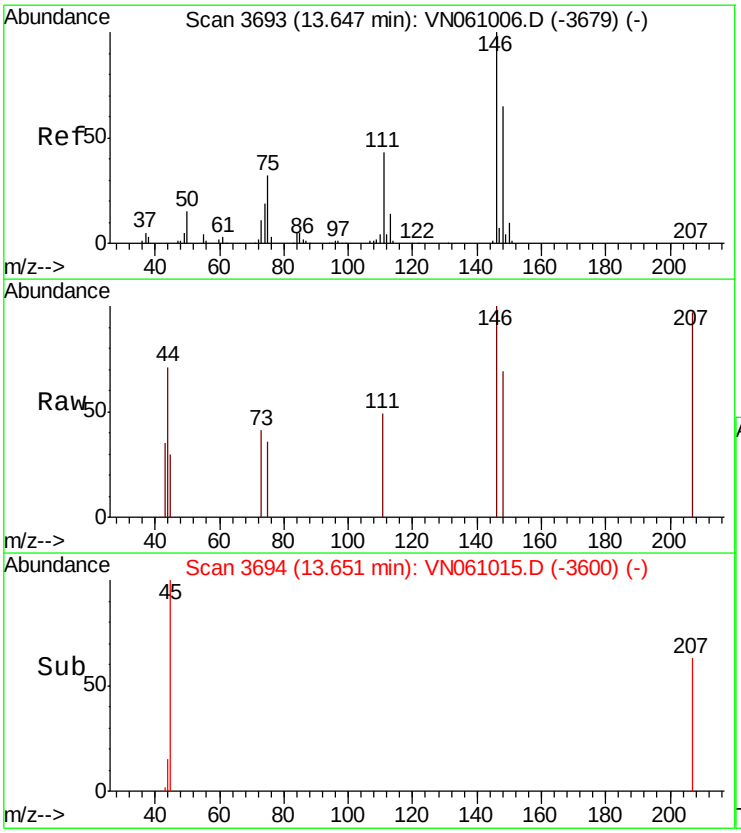
#89
n-Butylbenzene
Concen: 0.396 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion: 91 Resp: 2516

Ion	Ratio	Lower	Upper
91	100		
92	42.6	26.1	78.2
134	19.8	12.3	36.8

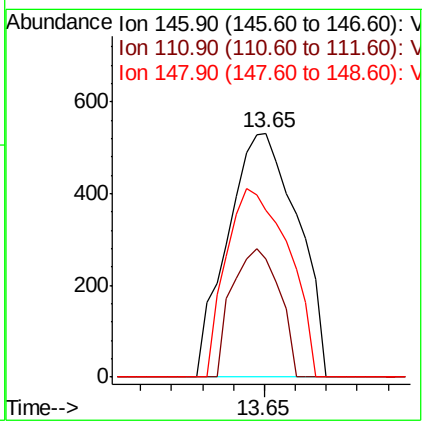


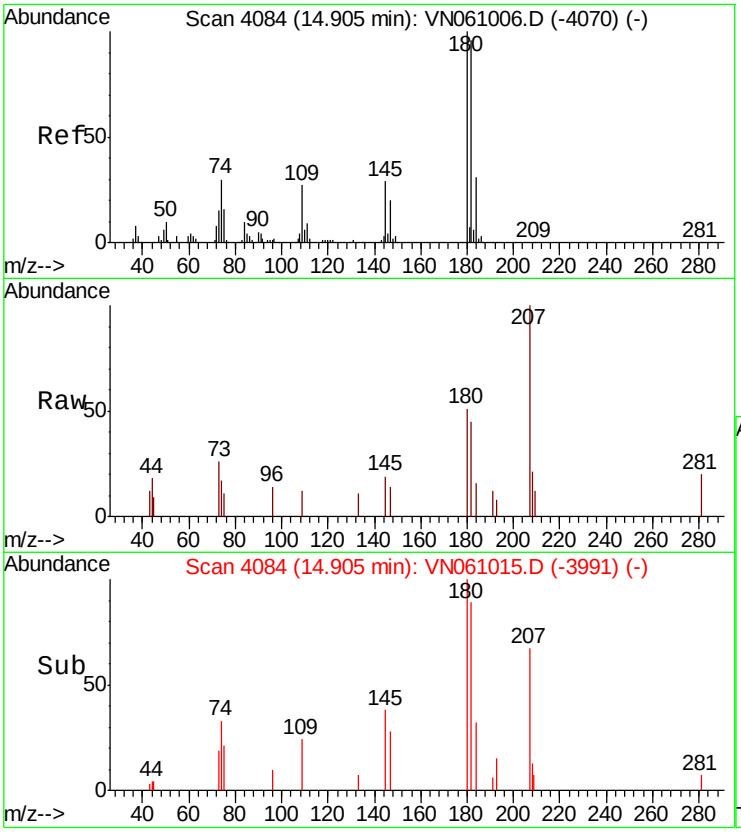


#91
1,2-Dichlorobenzene
Concen: 0.259 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion:146 Resp: 837

Ion	Ratio	Lower	Upper
146	100		
111	35.4	21.3	64.0
148	69.2	32.0	96.0



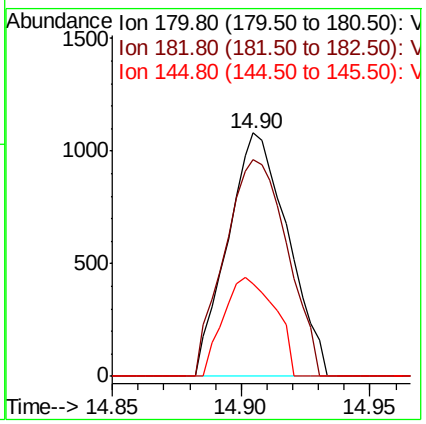


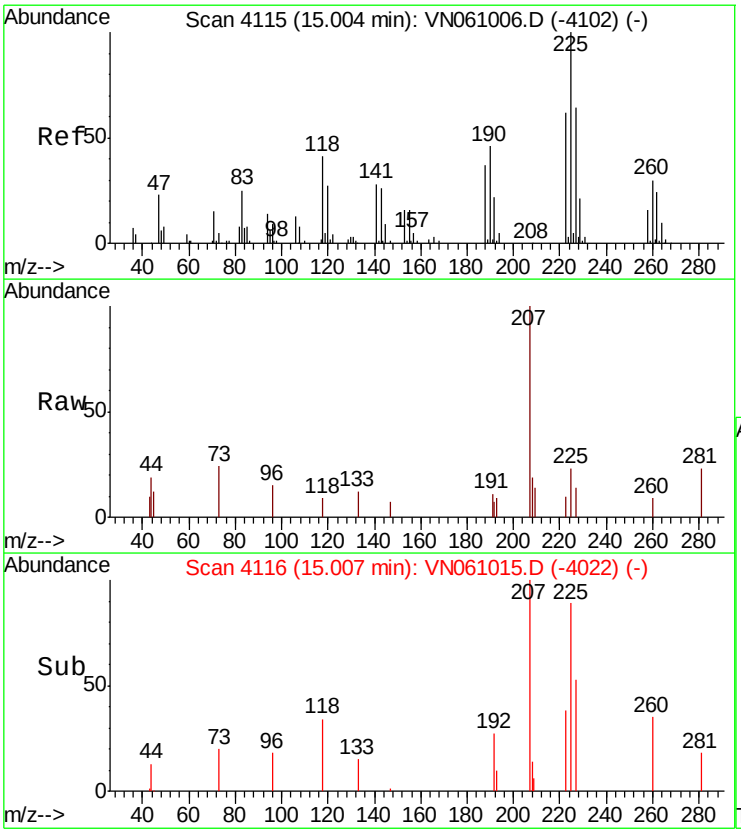
#93
1,2,4-Trichlorobenzene
Concen: 0.918 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion:180 Resp: 1758

Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.8	143.3
145	34.9	15.3	45.8

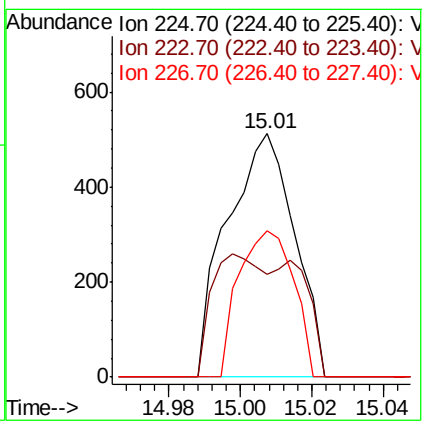


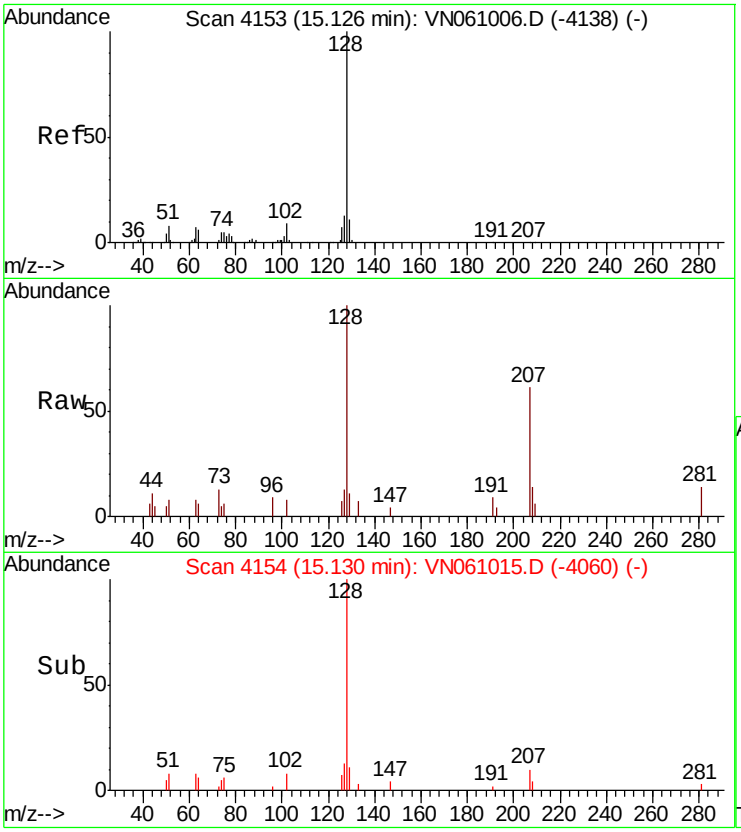


#94
Hexachlorobutadiene
Concen: 0.678 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion:225 Resp: 668

Ion	Ratio	Lower	Upper
225	100		
223	39.8	31.3	93.8
227	48.8	31.9	95.5



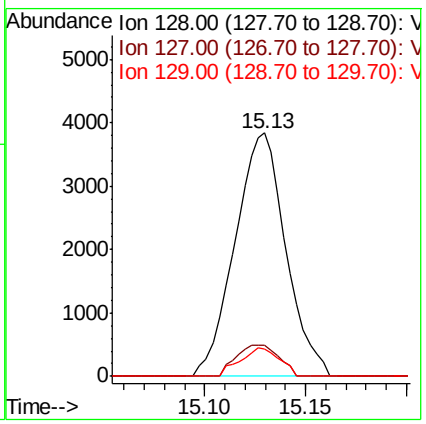


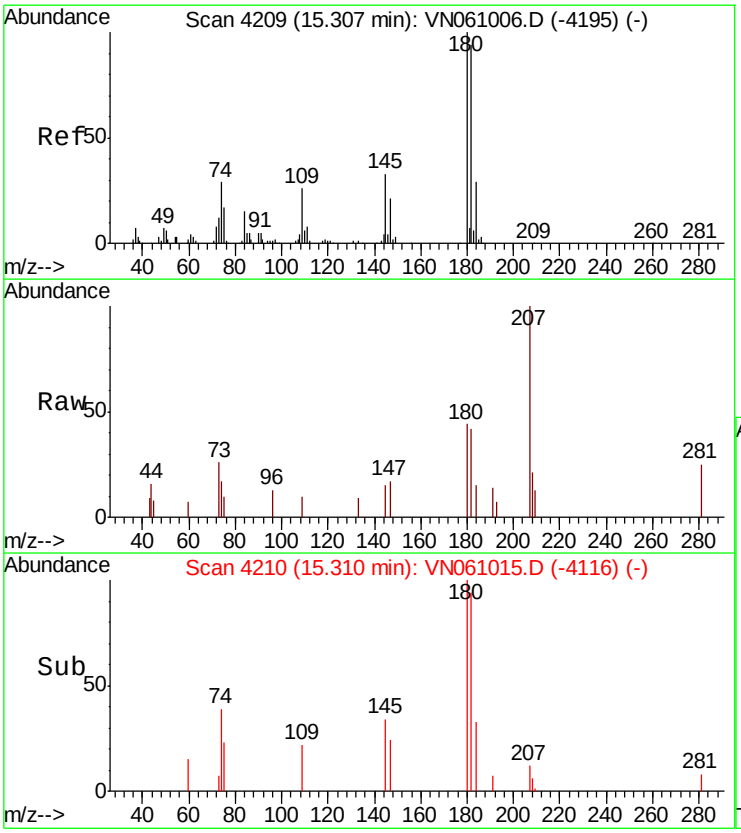
#95
Naphthalene
Concen: 1.210 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-BUS-WASHDL

Tgt Ion:128 Resp: 6757

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.2	15.4
129	9.0	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.948 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN061015.D
Acq: 16 Apr 2020 16:41

Tgt Ion:180 Resp: 1749

Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.6	142.8
145	31.7	16.4	49.2