Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070218\
Data File : VN049679.D
Acq On : 2 Jul 2018 19:29
Operator : MD\SY
Sample : PB110744 ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB110744 ZHE#06

Quant Time: Jul 03 03:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1267435	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	2061032	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1699502	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	647748	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	869743	51.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.92%				
35) Dibromofluoromethane	7.59	113	728469	47.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.56%				
50) Toluene-d8	10.09	98	2748131	45.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.14%				
62) 4-Bromofluorobenzene	12.41	95	797968	38.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.50%				
Target Compounds							Qvalue
13) Acrolein	3.59	56	459	0.51	ug/l	#	43
16) Acetone	3.82	43	51232	7.49	ug/l		90
17) Carbon Disulfide	4.04	76	1497	Below Cal		#	75
18) Methyl Acetate	4.33	43	107407	2.02	ug/l		98
20) Methylene Chloride	4.55	84	19443	1.13	ug/l		86
25) 2-Butanone	6.85	43	6773	1.22	ug/l	#	79
29) Tetrahydrofuran	7.22	42	2291	0.65	ug/l	#	80
36) 1,1-Dichloropropene	7.67	75	86730	3.74	ug/l	#	48
38) Carbon Tetrachloride	7.67	117	111820	4.96	ug/l	#	16
43) Isopropyl Acetate	8.26	43	581697	21.33	ug/l	#	63
51) 4-Methyl-2-Pentanone	9.99	43	4530	0.34	ug/l	#	83
58) 2-Chloroethyl Vinyl ether	9.72	63	32	10.82	ug/l	#	48
65) Chlorobenzene	11.44	112	8998	0.20	ug/l		98
71) Bromoform	12.40	173	5786	0.55	ug/l	#	1
74) N-amyl acetate	12.04	43	3050	0.22	ug/l	#	50
75) 1,1,2,2-Tetrachloroethane	12.51	83	147	Below Cal		#	25
76) 1,2,3-Trichloropropane	12.40	75	390875	37.63	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	390875	127.79	ug/l	#	13
87) 1,3-Dichlorobenzene	13.28	146	372	Below Cal		#	25
88) 1,4-Dichlorobenzene	13.37	146	363	Below Cal		#	25
91) 1,2-Dichlorobenzene	13.66	146	217	Below Cal		#	47
92) 1,2-Dibromo-3-Chloropropan	14.26	75	1006	Below Cal		#	1
93) 1,2,4-Trichlorobenzene	14.90	180	97	2.41	ug/l	#	13
95) Naphthalene	15.13	128	820	4.07	ug/l	#	79
96) 1,2,3-Trichlorobenzene	15.32	180	99	1.66	ug/l	#	65

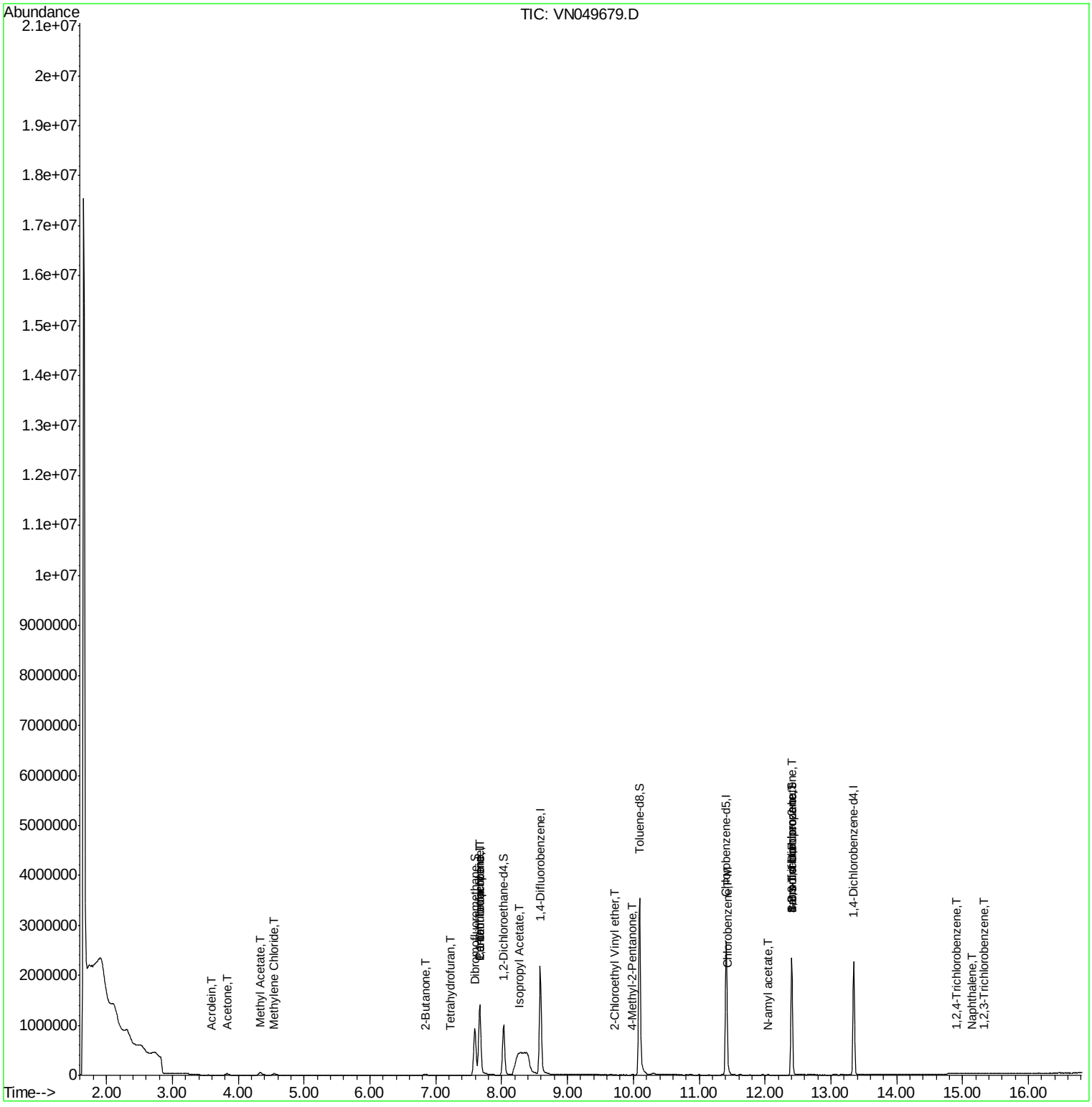
(#) = qualifier out of range (m) = manual integration (+) = signals summed

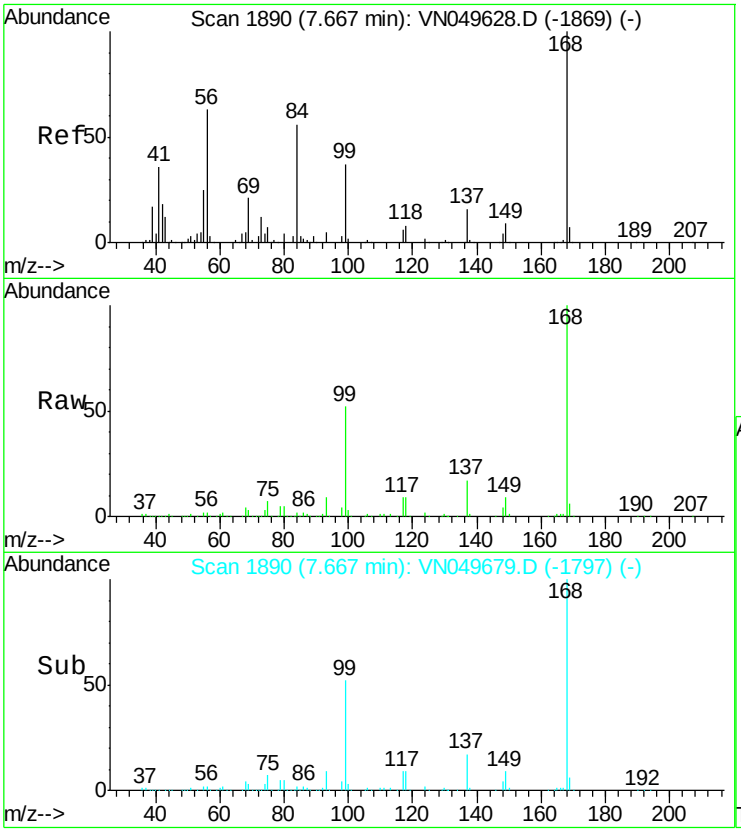
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070218\
Data File : VN049679.D
Acq On : 2 Jul 2018 19:29
Operator : MD\SY
Sample : PB110744 ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Quant Time: Jul 03 03:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration



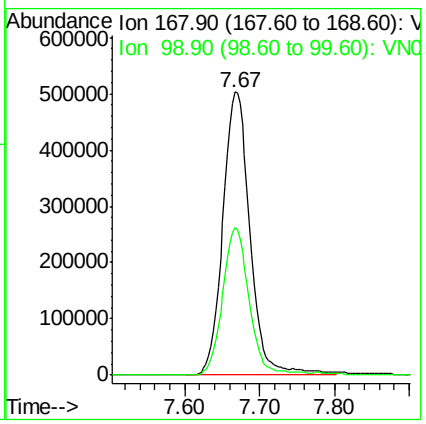


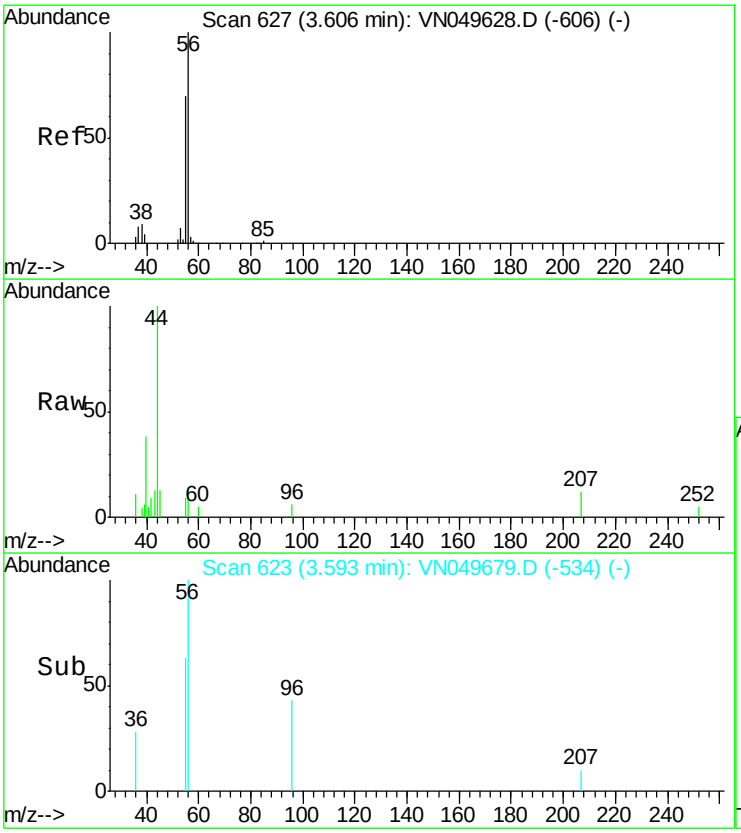
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:168 Resp: 1267435

Ion	Ratio	Lower	Upper
168	100		
99	52.0	40.6	61.0

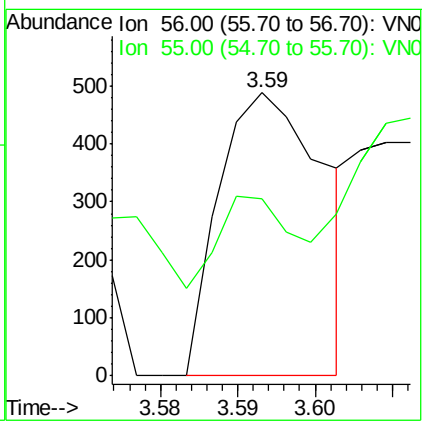


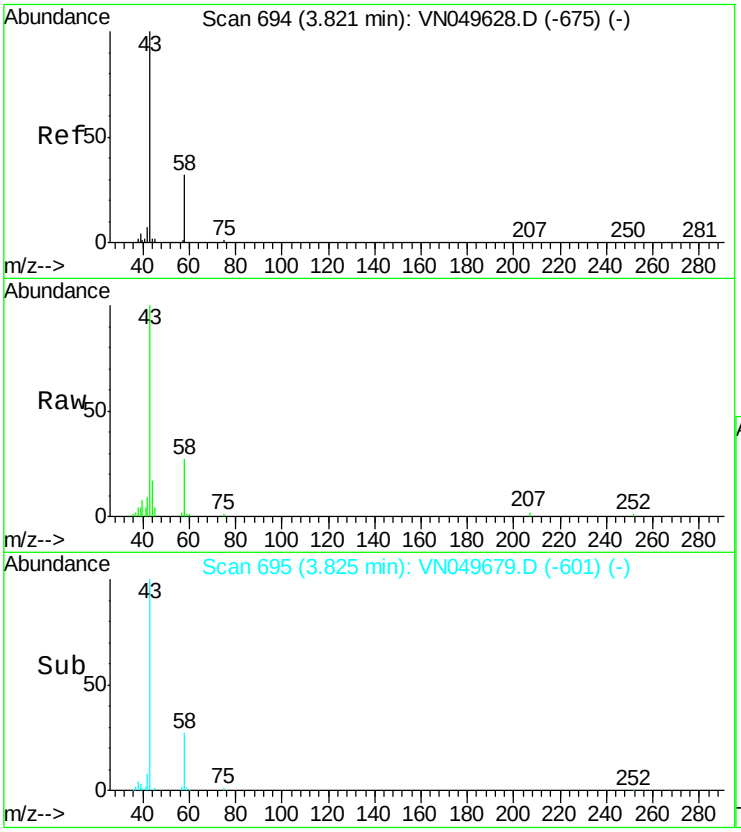


#13
Acrolein
Concen: 0.51 ug/l
RT: 3.59 min Scan# 623
Delta R.T. -0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 56 Resp: 459

Ion	Ratio	Lower	Upper
56	100		
55	23.3	55.8	83.8#



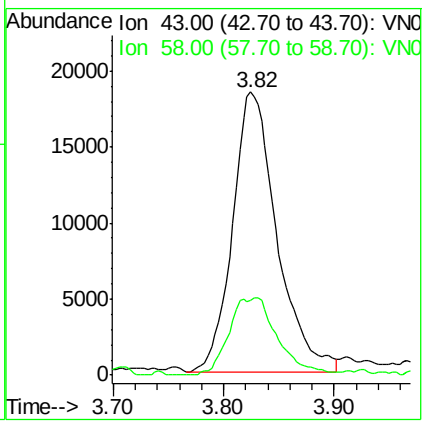


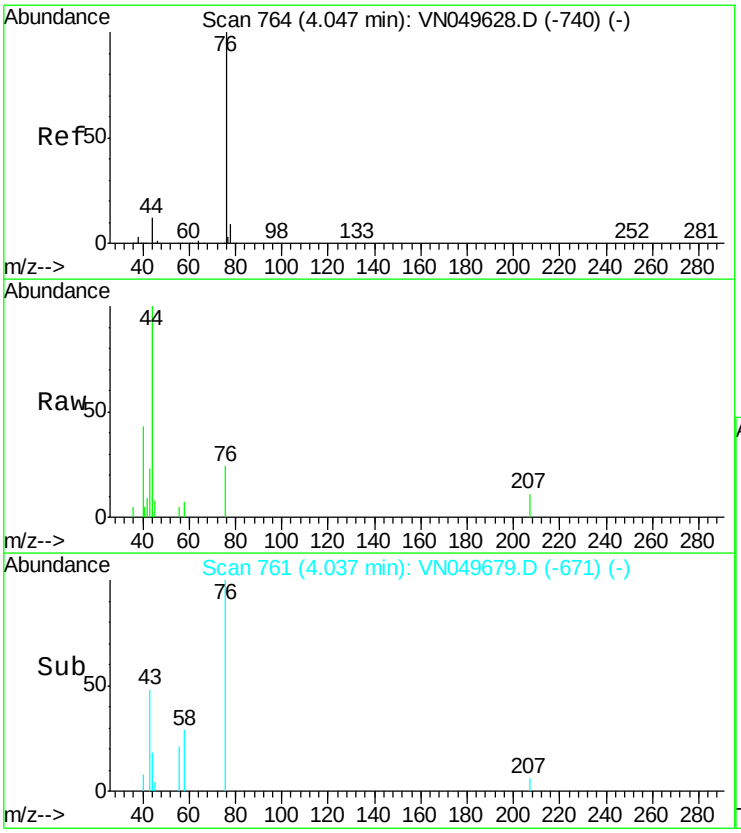
#16
Acetone
Concen: 7.49 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion: 43 Resp: 51232

Ion	Ratio	Lower	Upper
43	100		
58	26.8	25.9	38.9

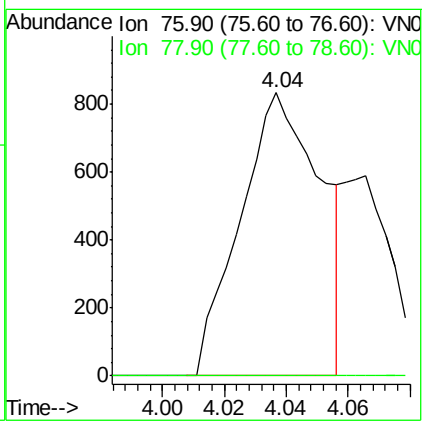


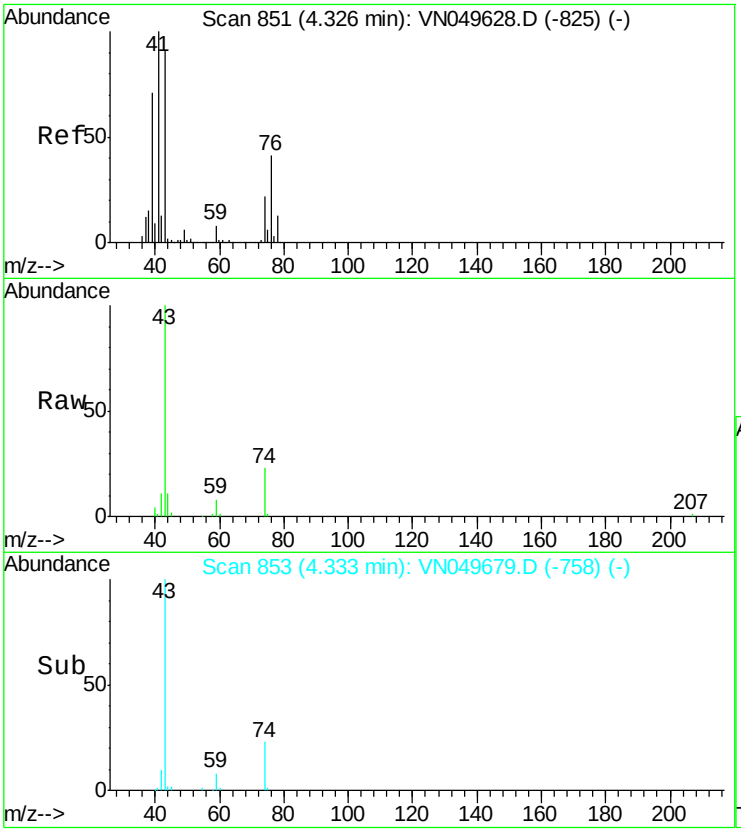


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.04 min Scan# 761
Delta R.T. -0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 76 Resp: 1497

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



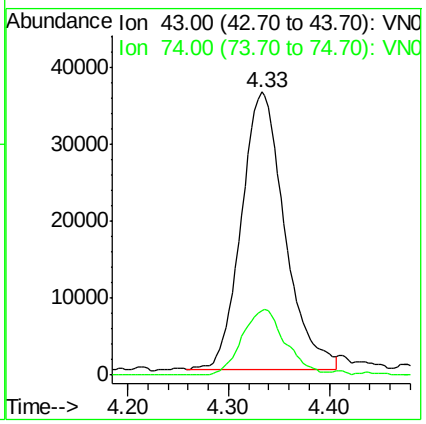


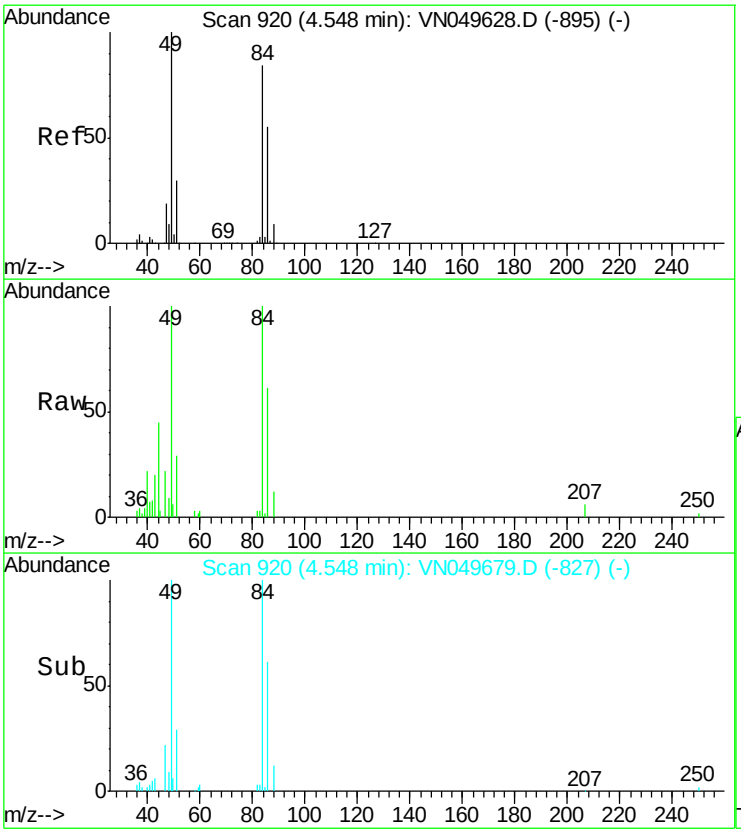
#18
Methyl Acetate
Concen: 2.02 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion: 43 Resp: 107407

Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.8	29.8

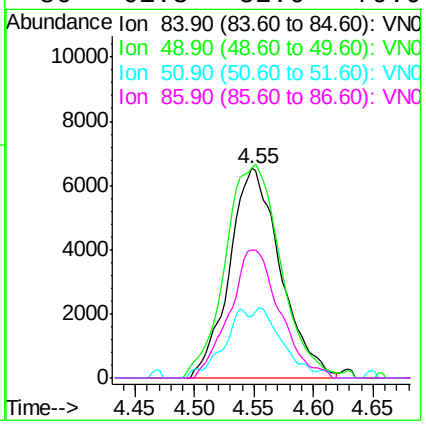


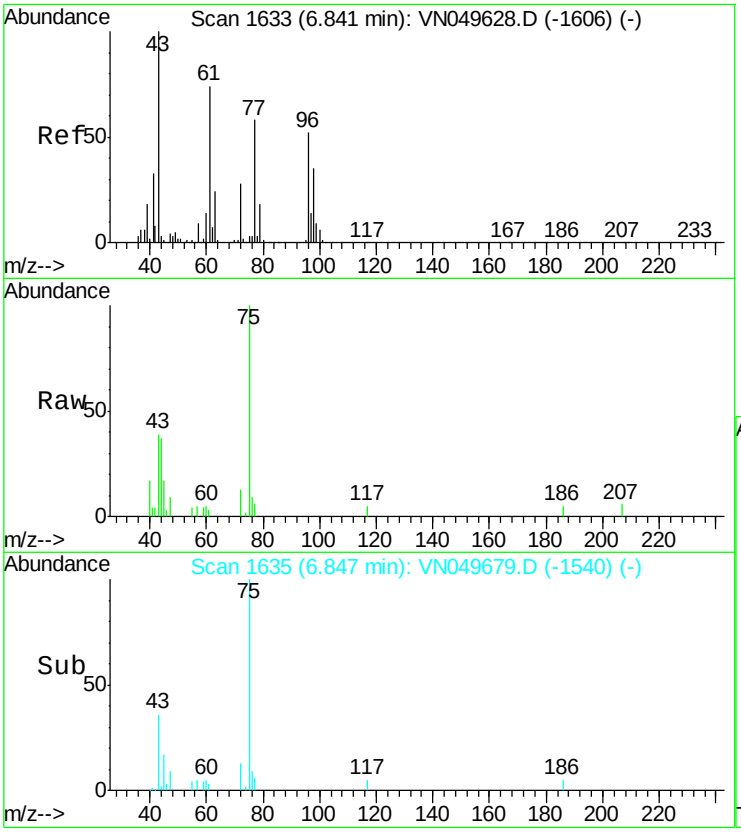


#20
Methylene Chloride
Concen: 1.13 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 84 Resp: 19443

Ion	Ratio	Lower	Upper
84	100		
49	97.8	95.4	143.2
51	29.4	28.4	42.6
86	61.3	52.6	79.0



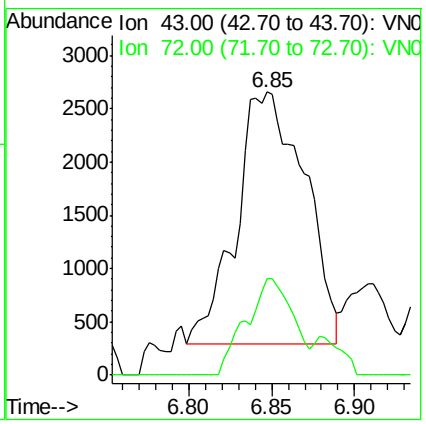


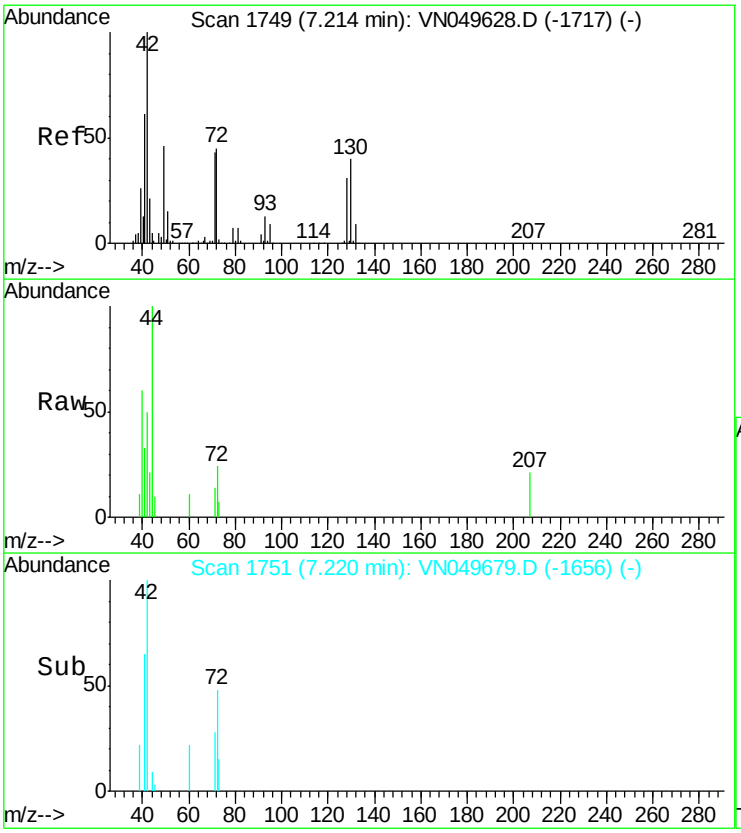
#25
2-Butanone
Concen: 1.22 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion: 43 Resp: 6773

Ion	Ratio	Lower	Upper
43	100		
72	38.3	22.1	33.1#

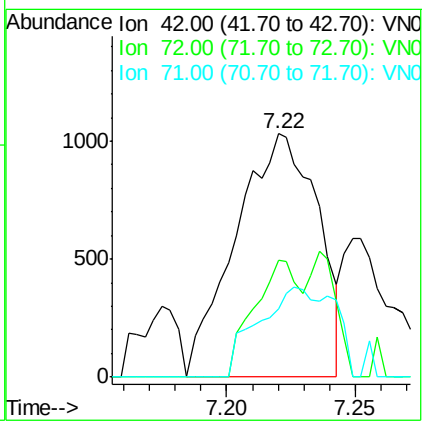


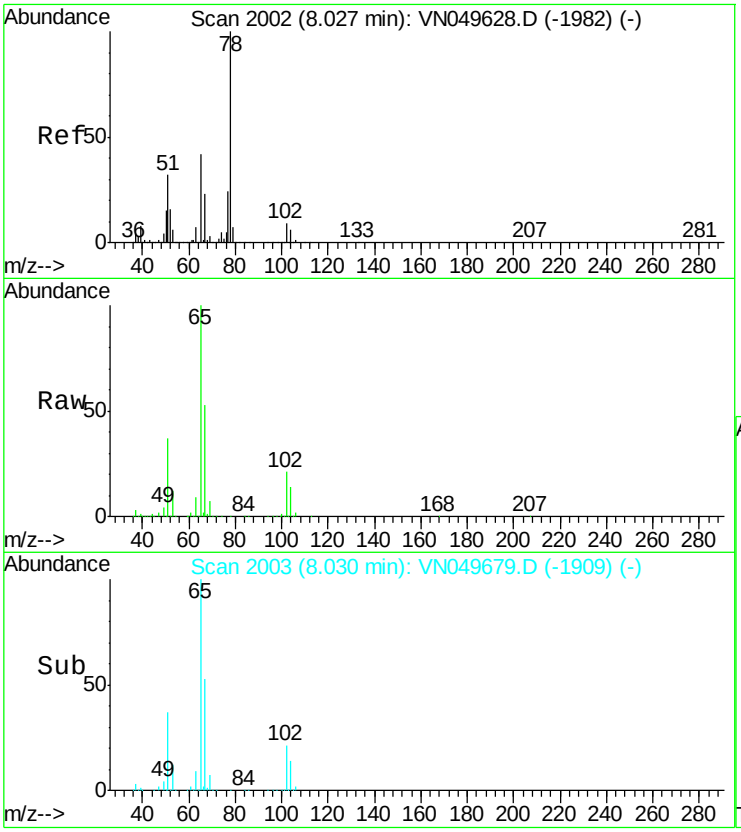


#29
Tetrahydrofuran
Concen: 0.65 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 42 Resp: 2291

Ion	Ratio	Lower	Upper
42	100		
72	27.0	35.6	53.4#
71	34.1	34.0	51.0



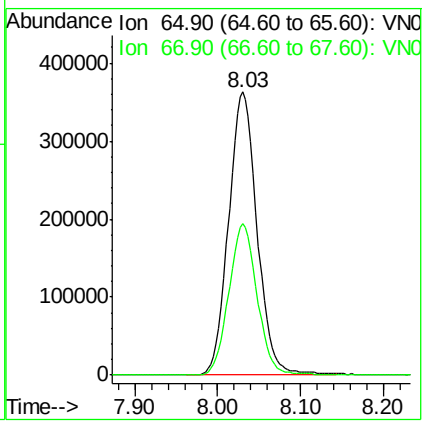


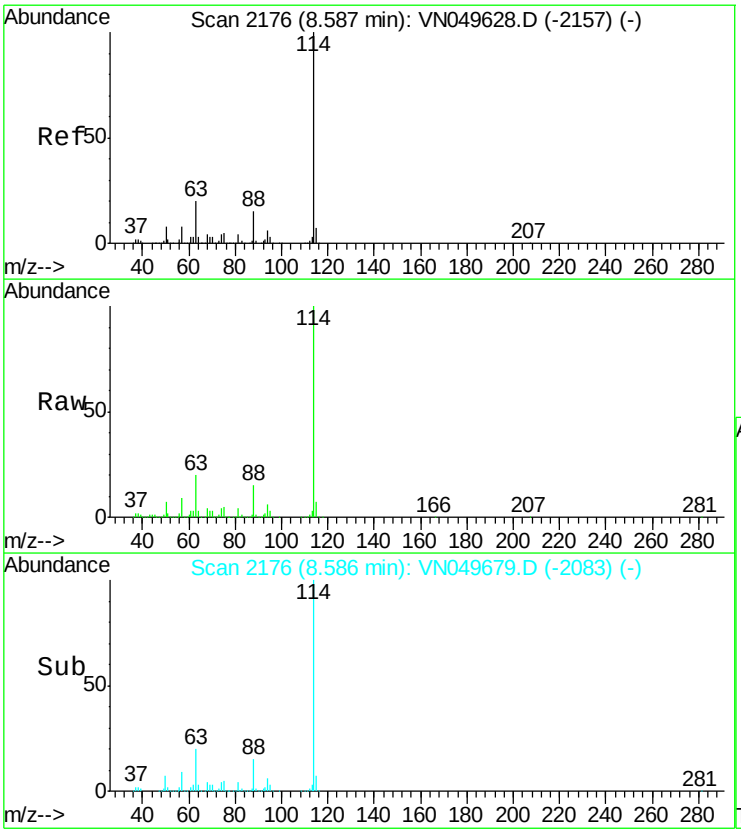
#33
1,2-Dichloroethane-d4
Concen: 51.96 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion: 65 Resp: 869743

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.2

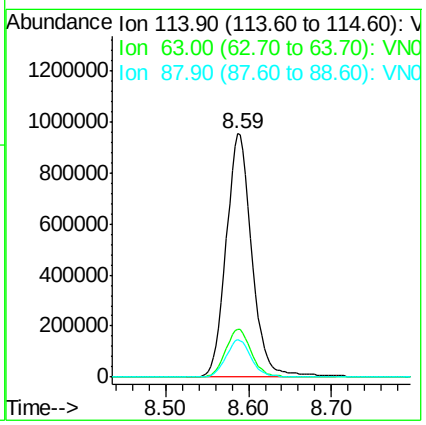


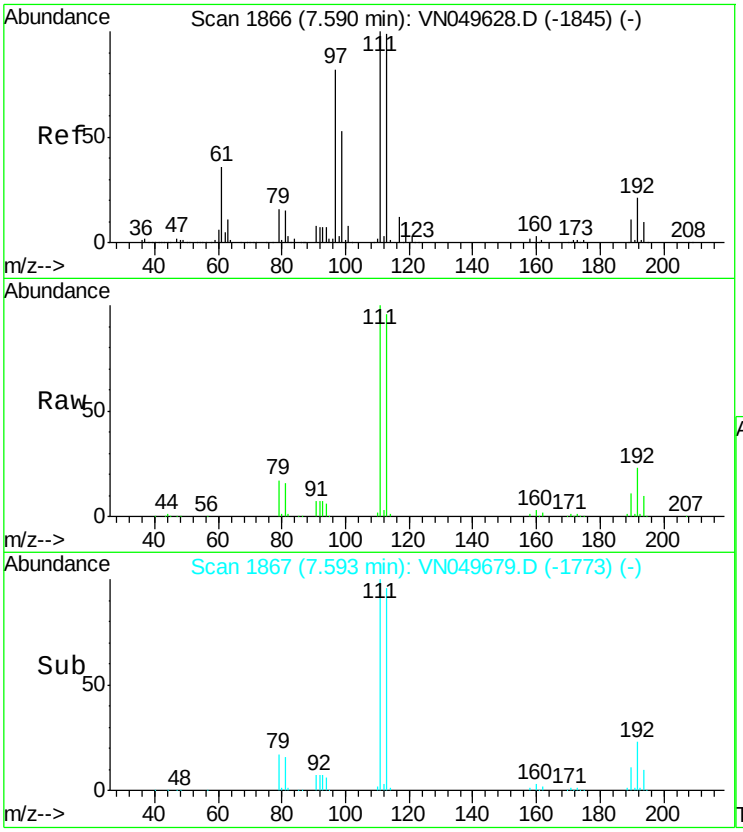


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion:114 Resp: 2061032

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.3	0.0	30.6



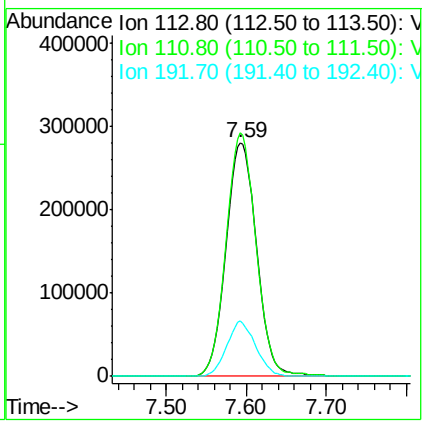


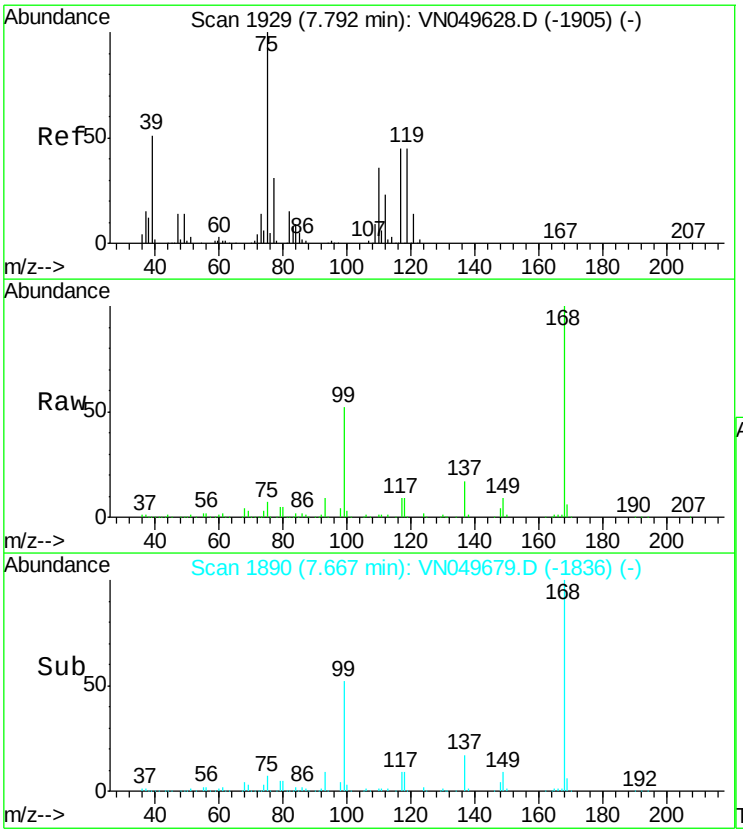
#35
Dibromofluoromethane
Concen: 47.28 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:113 Resp: 728469

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	22.2	17.8	26.6

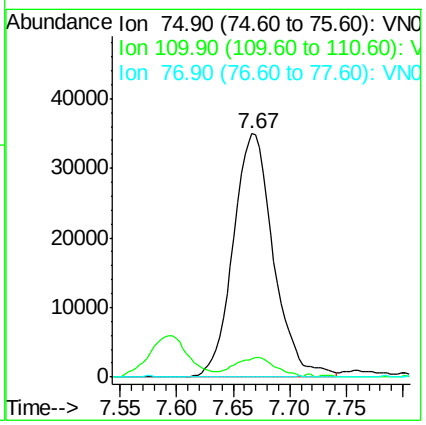


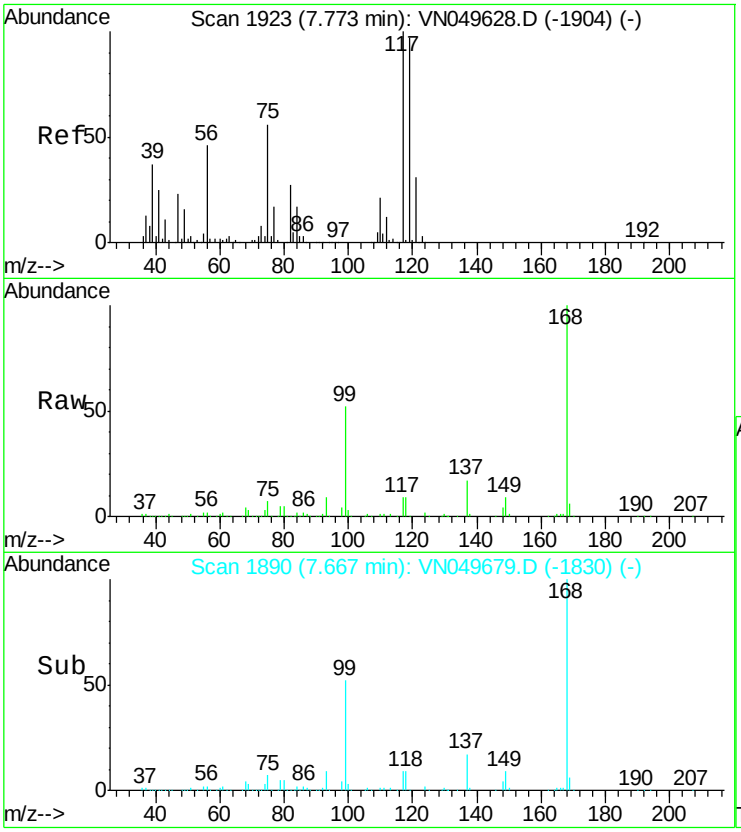


#36
1,1-Dichloropropene
Concen: 3.74 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 75 Resp: 86730

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.4#
77	0.0	24.9	37.3#



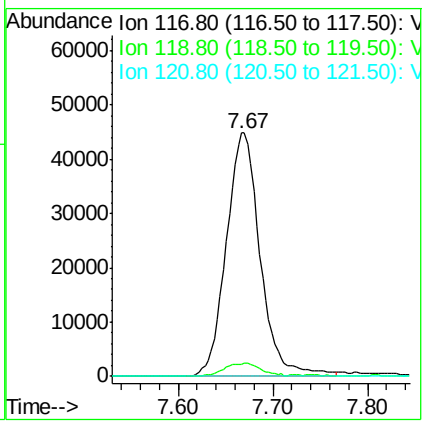


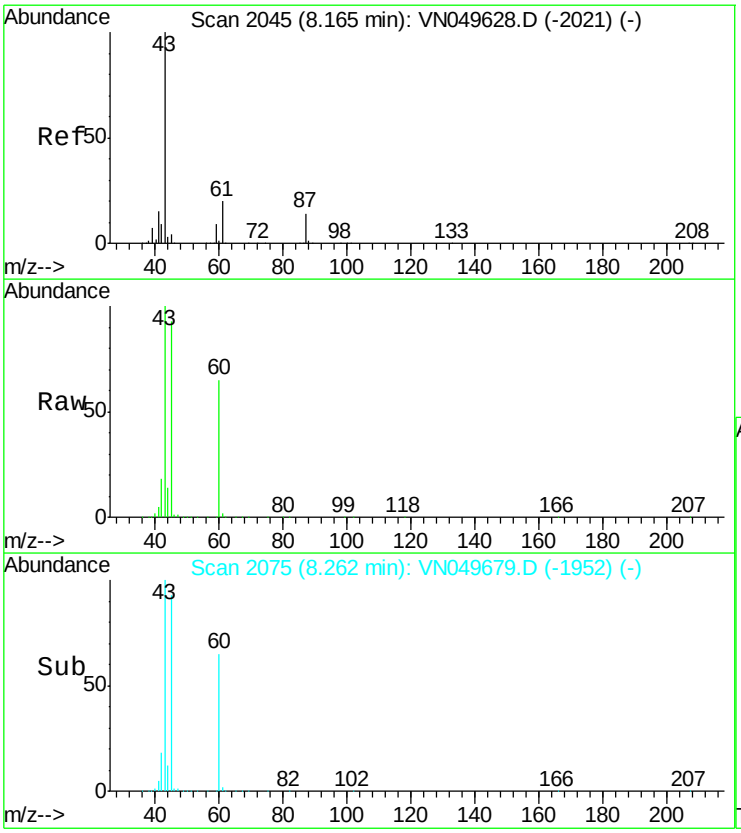
#38
Carbon Tetrachloride
Concen: 4.96 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:117 Resp: 111820

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	25.0	37.6#

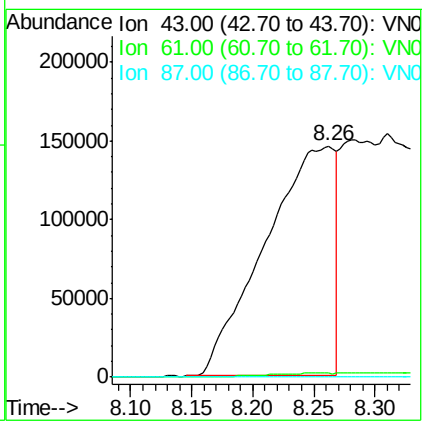


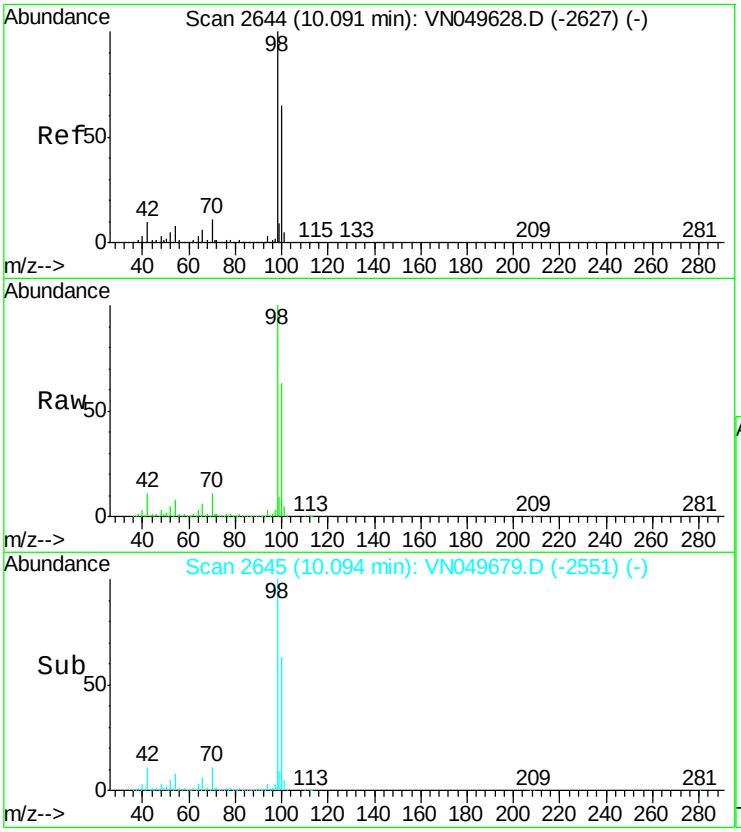


#43
Isopropyl Acetate
Concen: 21.33 ug/l
RT: 8.26 min Scan# 2075
Delta R.T. 0.10 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 43 Resp: 581697

Ion	Ratio	Lower	Upper
43	100		
61	0.3	14.9	22.3#
87	0.0	10.0	15.0#



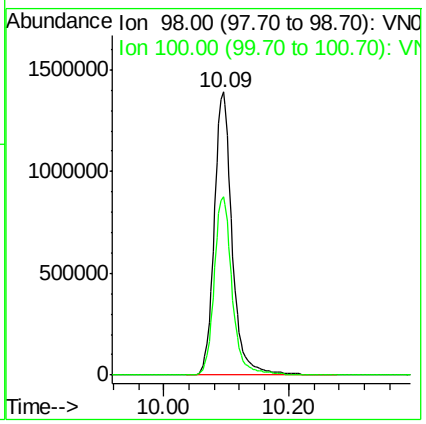


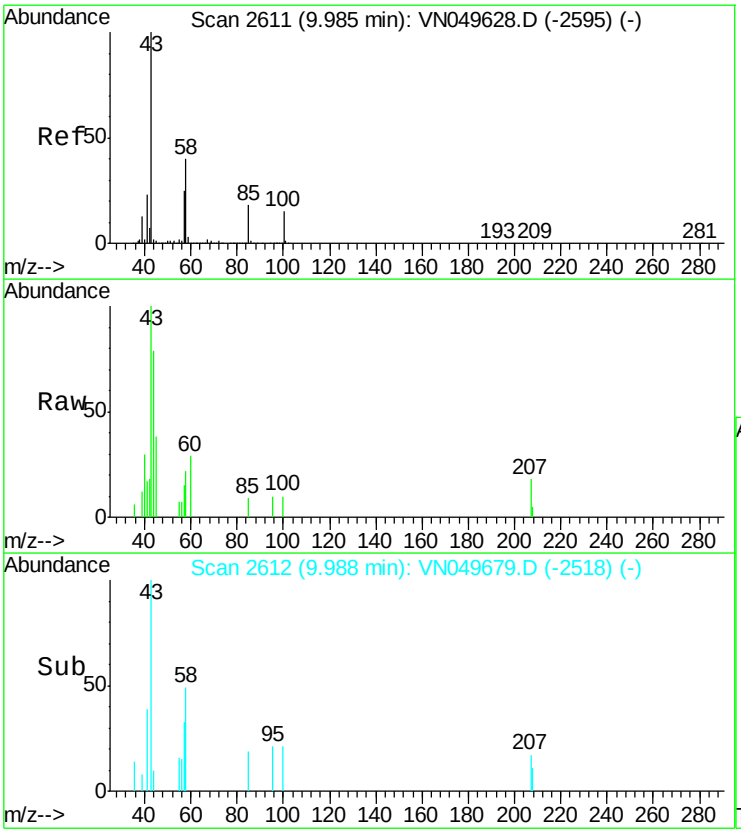
#50
Toluene-d8
Concen: 45.57 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion: 98 Resp: 2748131

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5

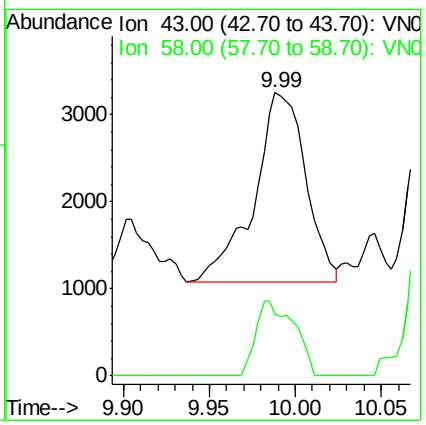


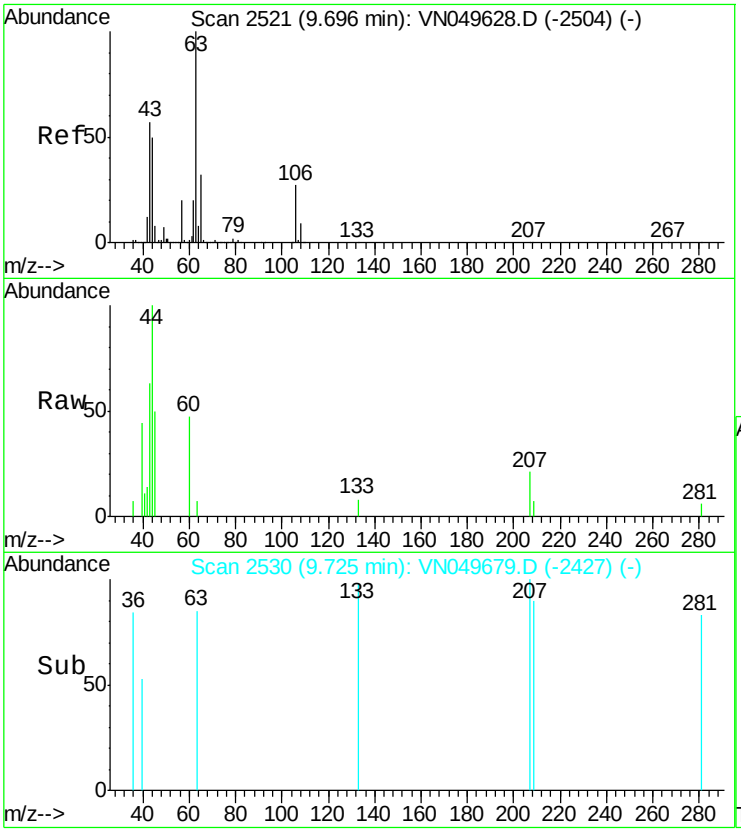


#51
4-Methyl-2-Pentanone
Concen: 0.34 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 43 Resp: 4530

Ion	Ratio	Lower	Upper
43	100		
58	29.1	31.8	47.8#



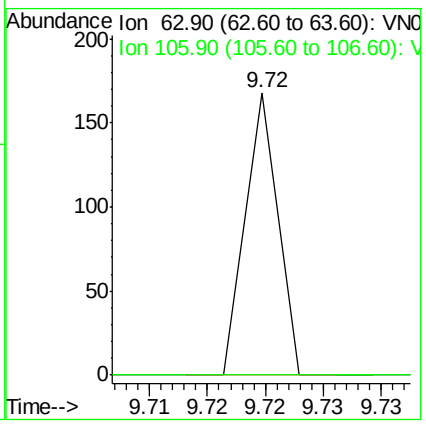


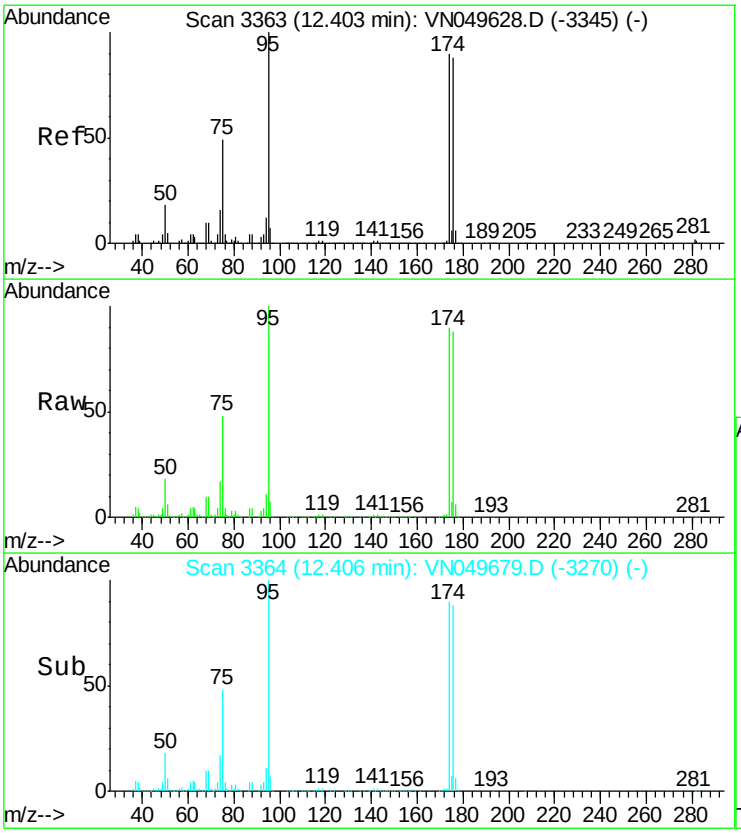
#58
2-Chloroethyl Vinyl ether
Concen: 10.82 ug/l
RT: 9.72 min Scan# 2530
Delta R.T. 0.03 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion: 63 Resp: 32

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.8	32.8#

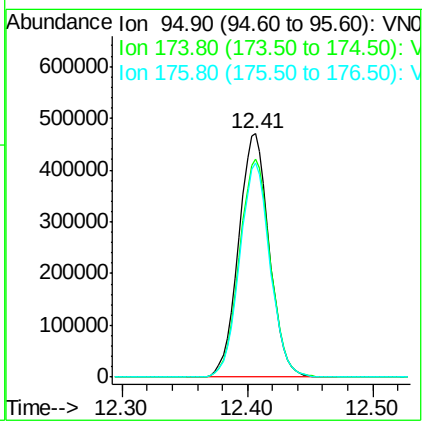


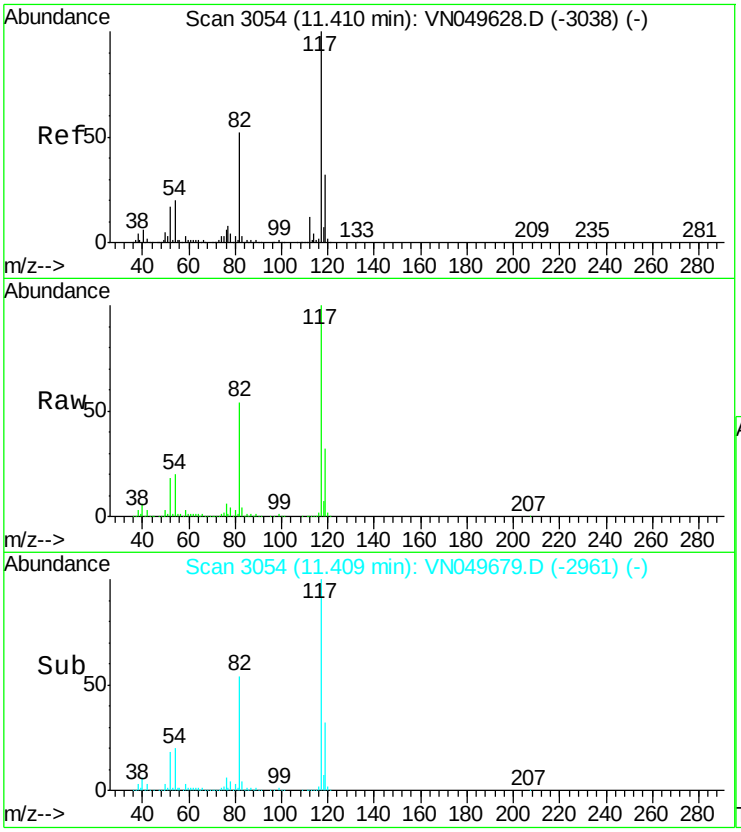


#62
4-Bromofluorobenzene
Concen: 38.75 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 95 Resp: 797968

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	179.6
176	87.3	0.0	174.0



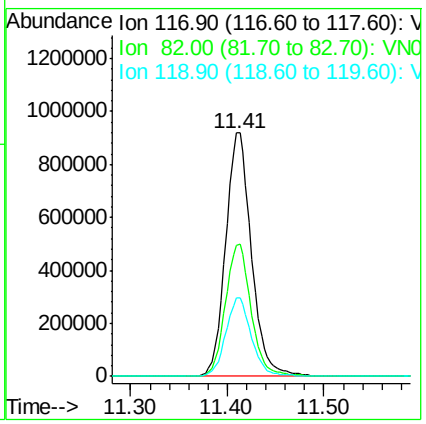


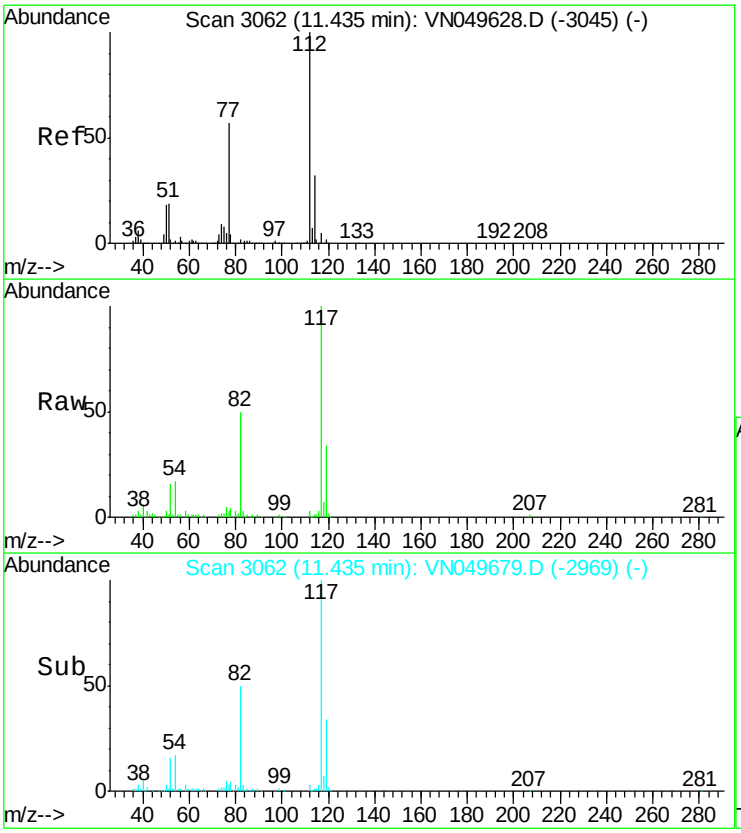
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:117 Resp: 1699502

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.9	62.9
119	32.0	25.4	38.2

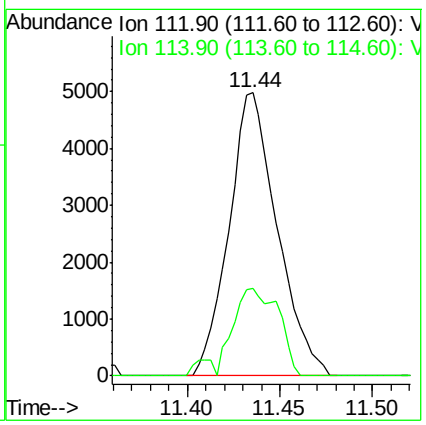


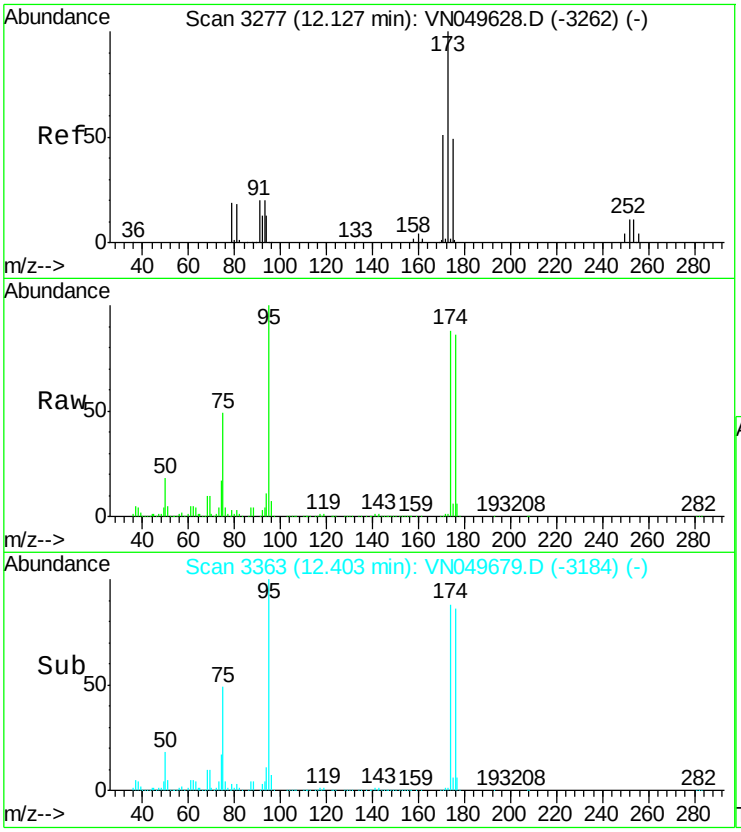


#65
Chlorobenzene
Concen: 0.20 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion:112 Resp: 8998

Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.4	38.0



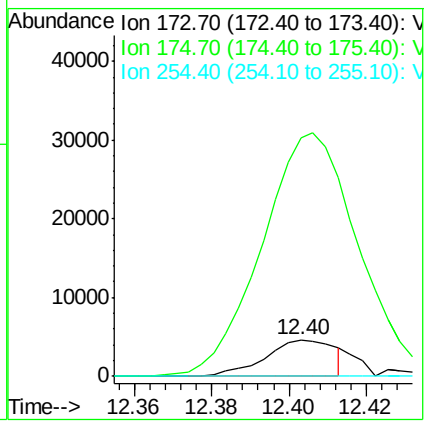


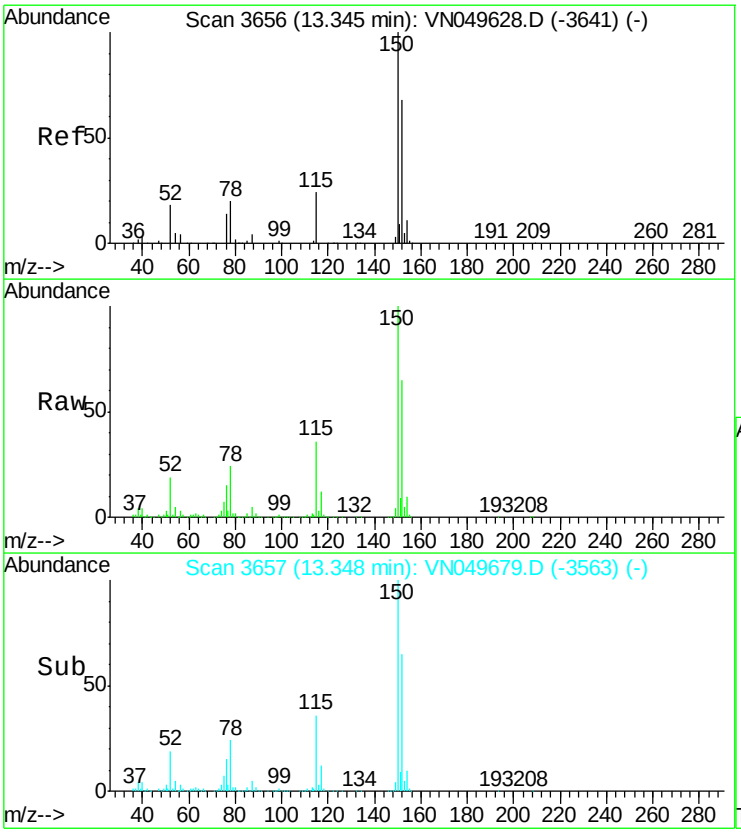
#71
Bromoform
Concen: 0.55 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:173 Resp: 5786

Ion	Ratio	Lower	Upper
173	100		
175	716.4	24.6	73.8#
254	0.0	0.2	0.2#

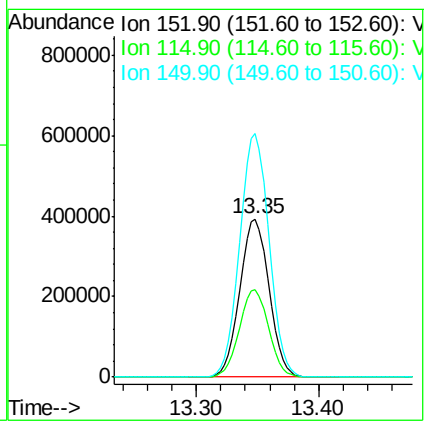


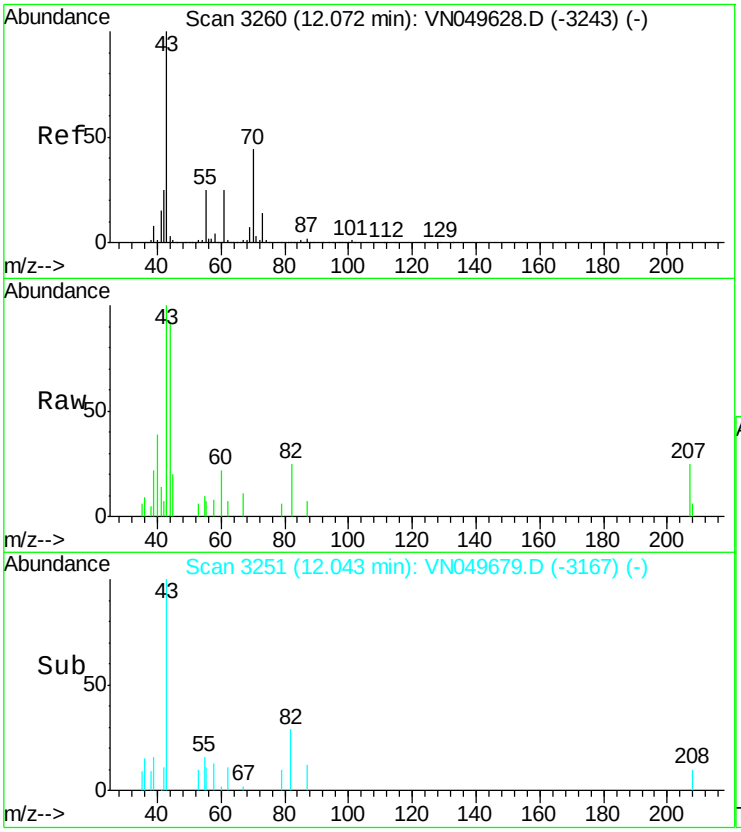


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion:152 Resp: 647748

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.1	84.2
150	154.5	0.0	347.6



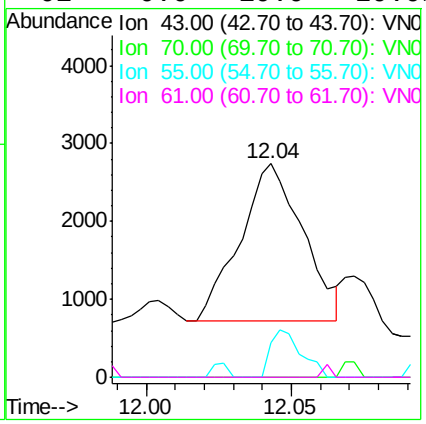


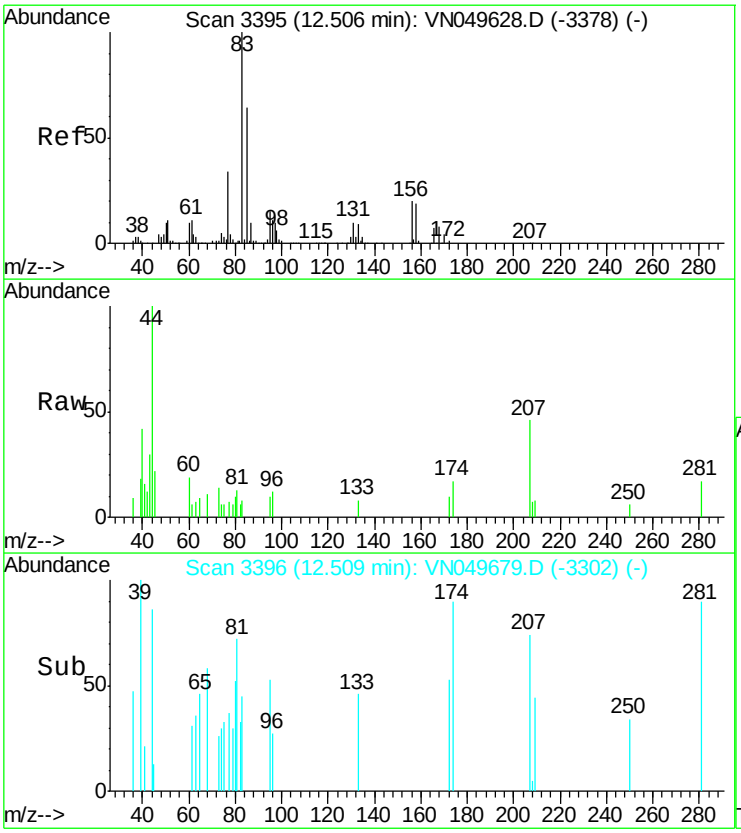
#74
N-amyl acetate
Concen: 0.22 ug/l
RT: 12.04 min Scan# 3251
Delta R.T. -0.03 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument : MSVOA_N
ClientSampleId : PB110744 ZHE#06

Tgt Ion: 43 Resp: 3050

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.8	52.2#
55	14.8	20.9	31.3#
61	0.0	19.9	29.9#

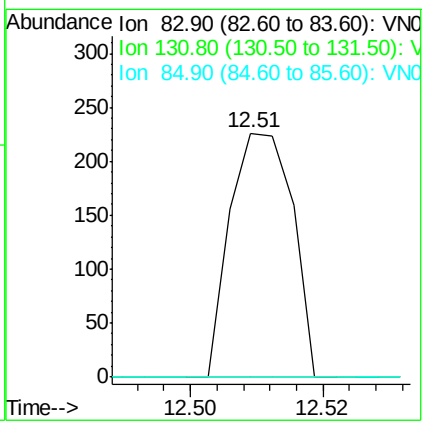


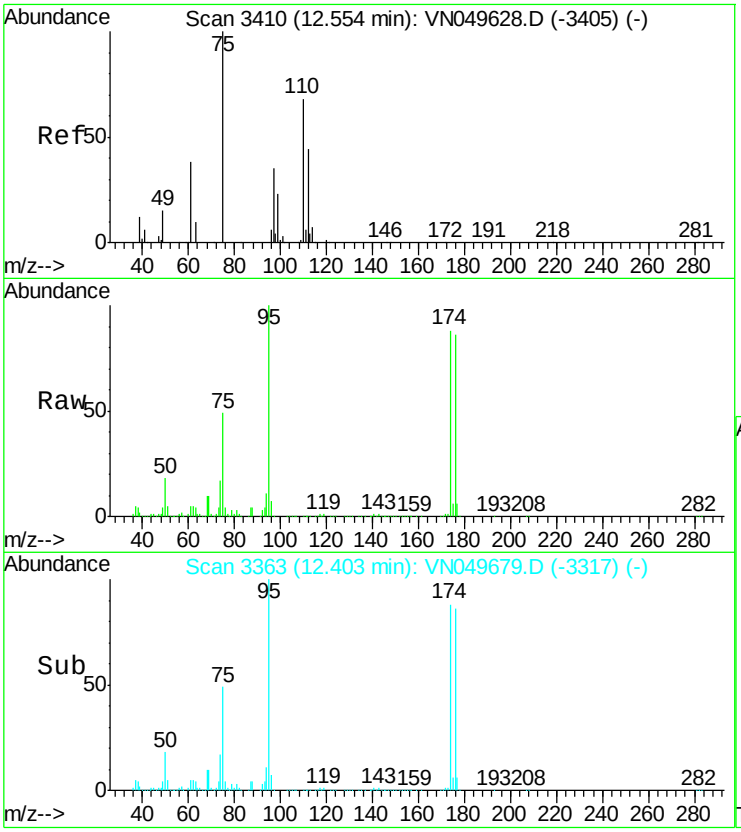


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 83 Resp: 147

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	0.0	32.5	97.4#



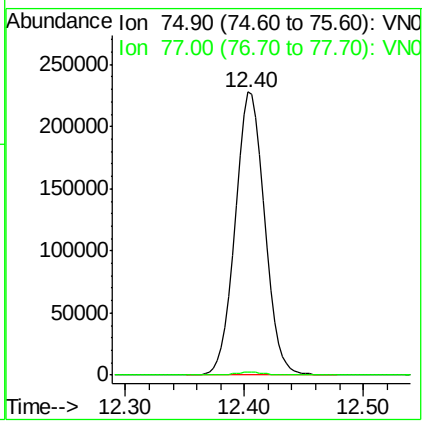


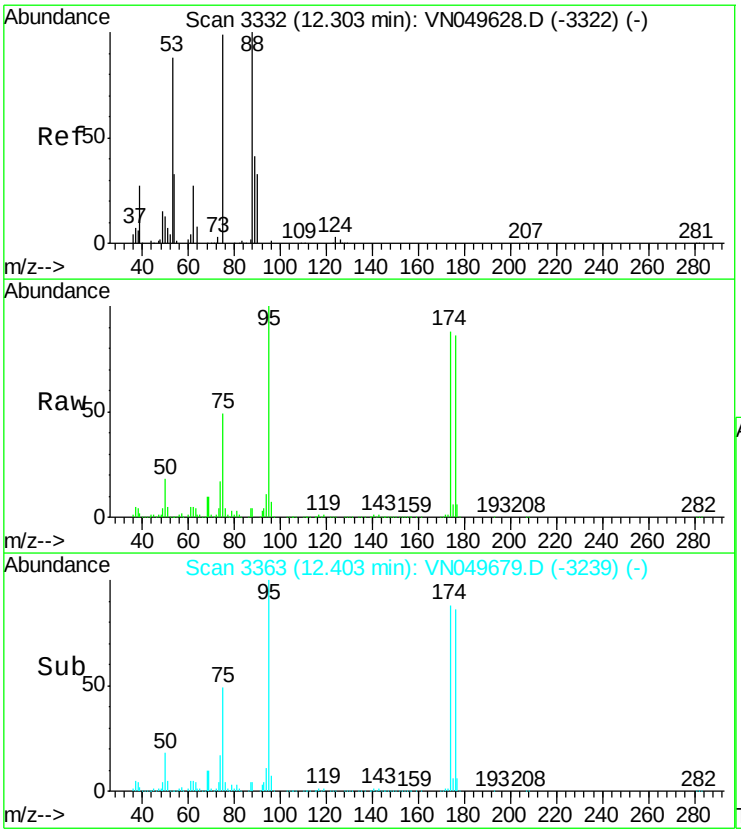
#76
1,2,3-Trichloropropane
Concen: 37.63 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion: 75 Resp: 390875

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

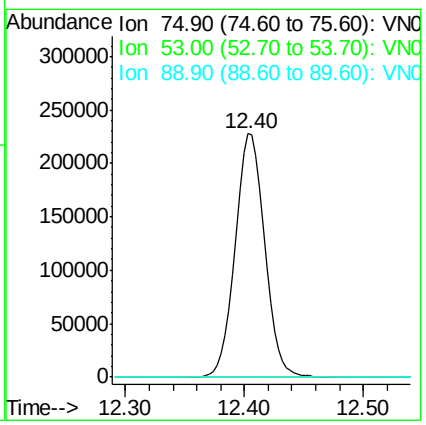


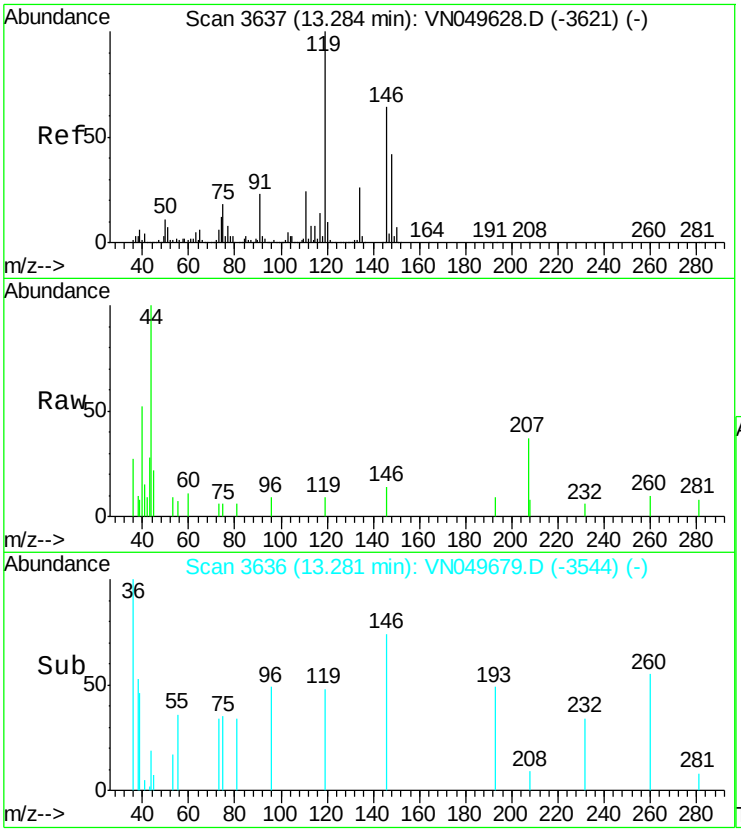


#81
trans-1,4-Dichloro-2-butene
Concen: 127.79 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 75 Resp: 390875

Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.9	110.9#
89	0.0	35.9	53.9#



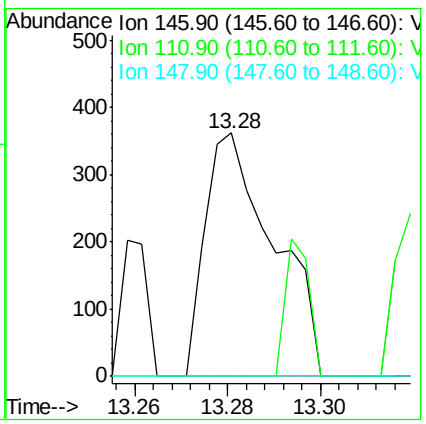


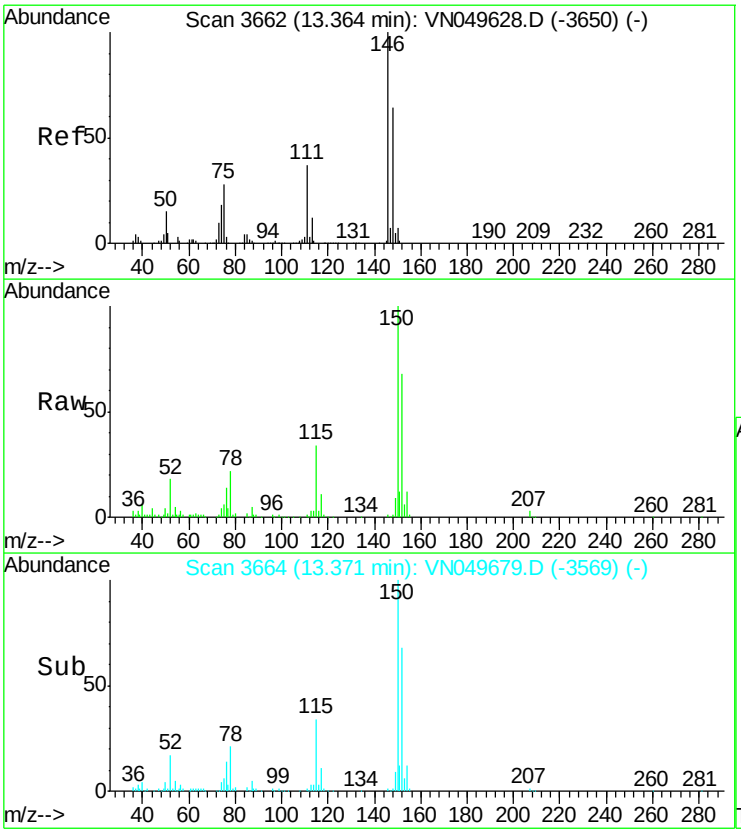
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 13.28 min Scan# 3636
Delta R.T. -0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:146 Resp: 372

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.0	57.0#
148	0.0	32.5	97.5#

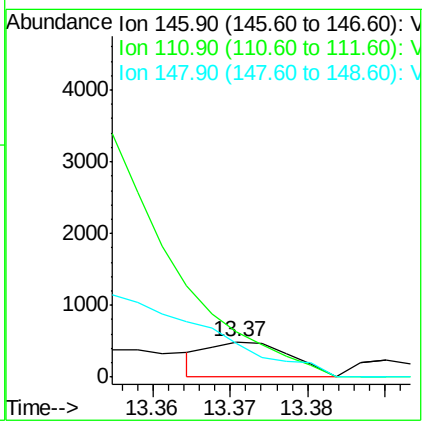


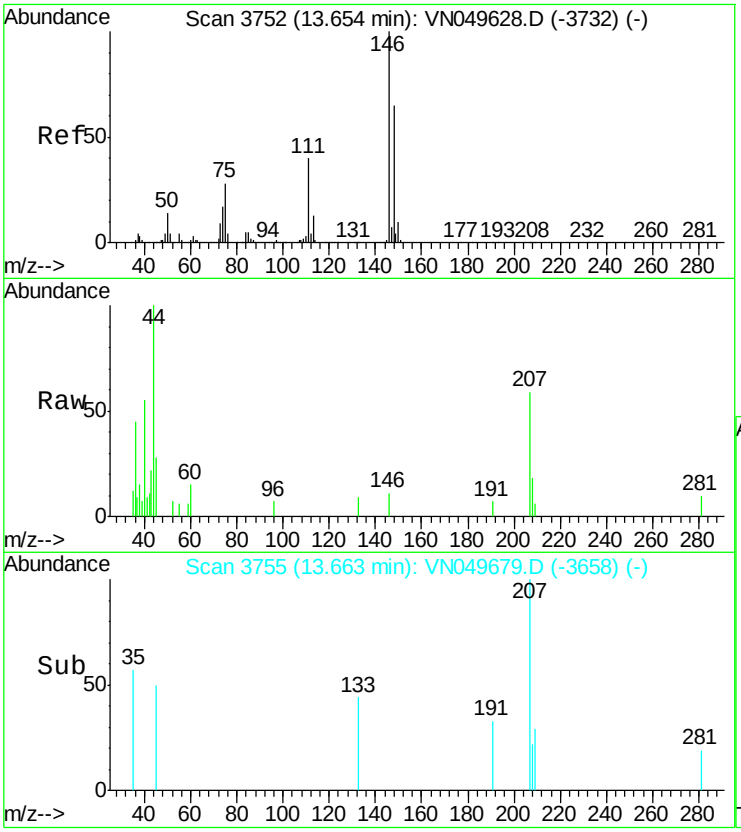


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.37 min Scan# 3664
Delta R.T. 0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion:146 Resp: 363

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.5#
148	0.0	32.1	96.3#



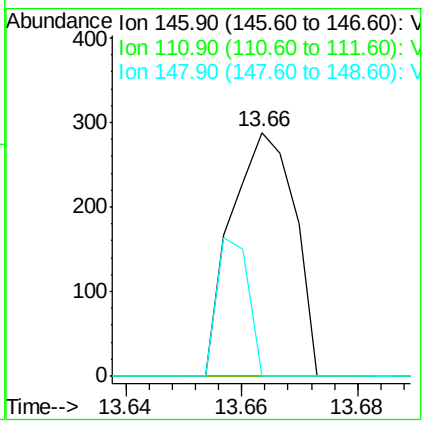


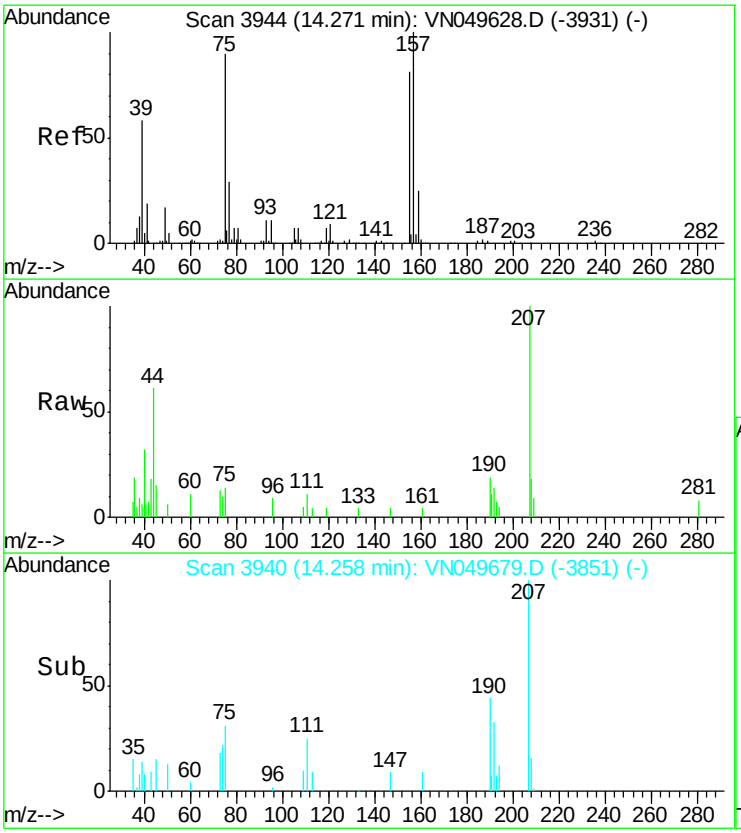
#91
1,2-Dichlorobenzene
Concen: Below Cal
RT: 13.66 min Scan# 3755
Delta R.T. 0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:146 Resp: 217

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.7	59.1#
148	28.1	32.0	96.2#

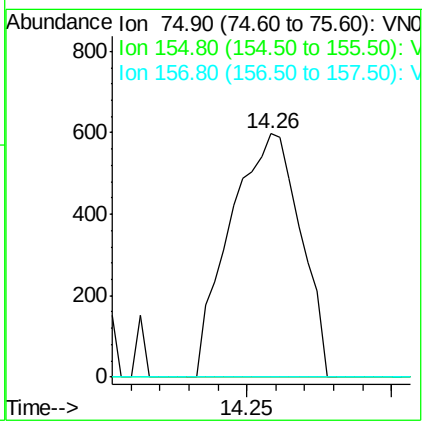


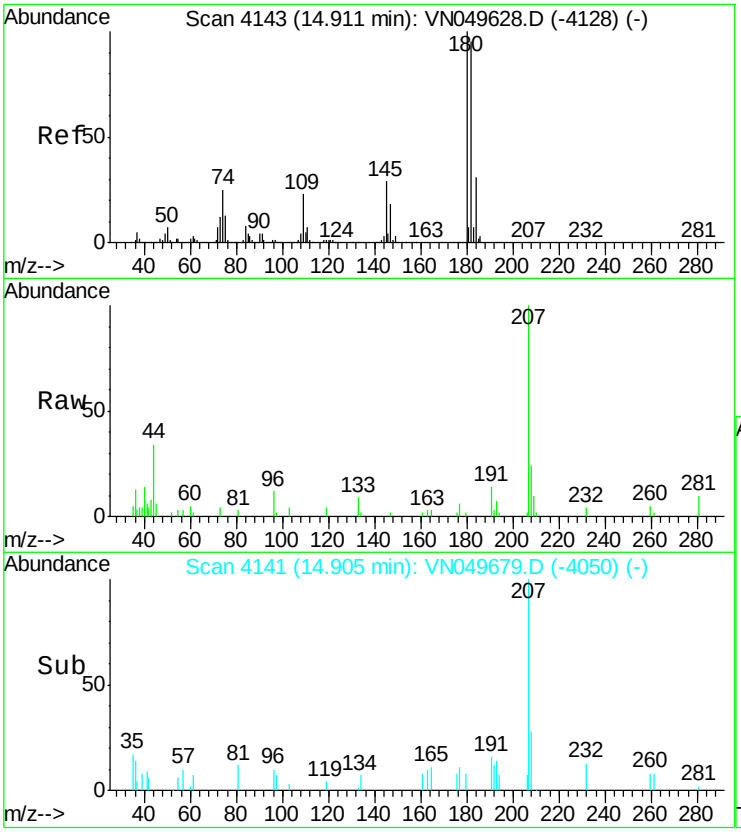


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.26 min Scan# 3940
Delta R.T. -0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion: 75 Resp: 1006

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.7	137.1#
157	0.0	56.9	170.7#



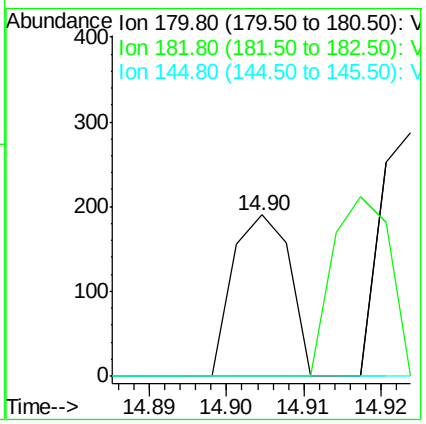


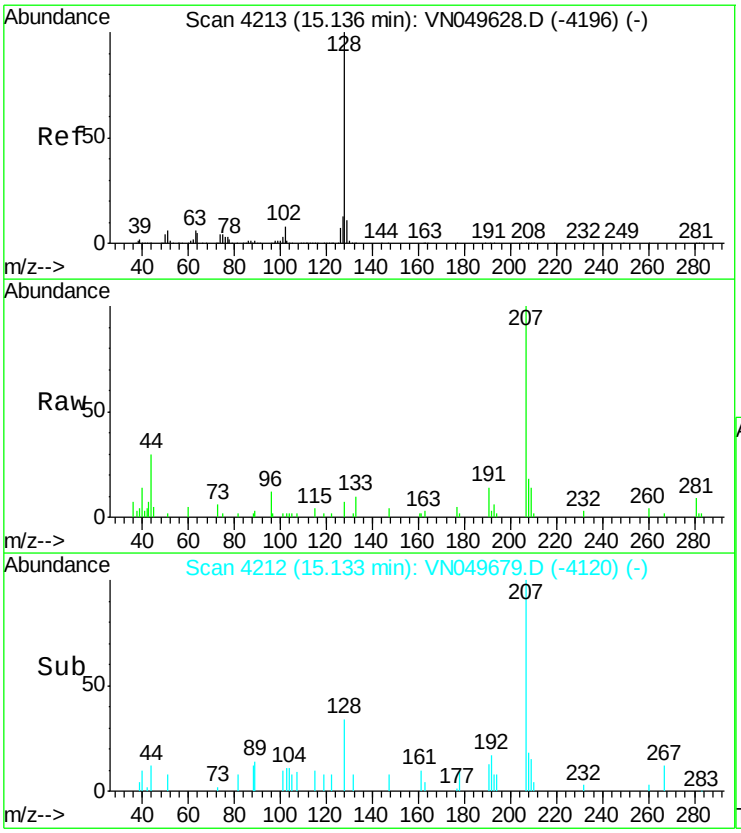
#93
1,2,4-Trichlorobenzene
Concen: 2.41 ug/l
RT: 14.90 min Scan# 4141
Delta R.T. -0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:180 Resp: 97

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.9#
145	0.0	14.4	43.0#

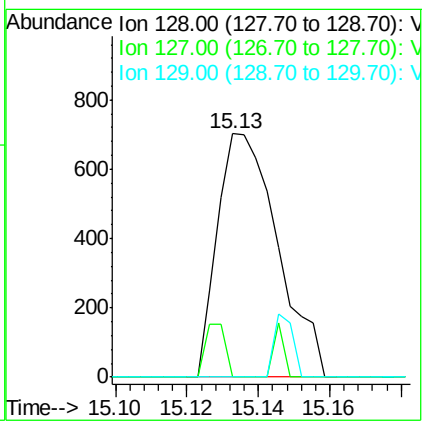


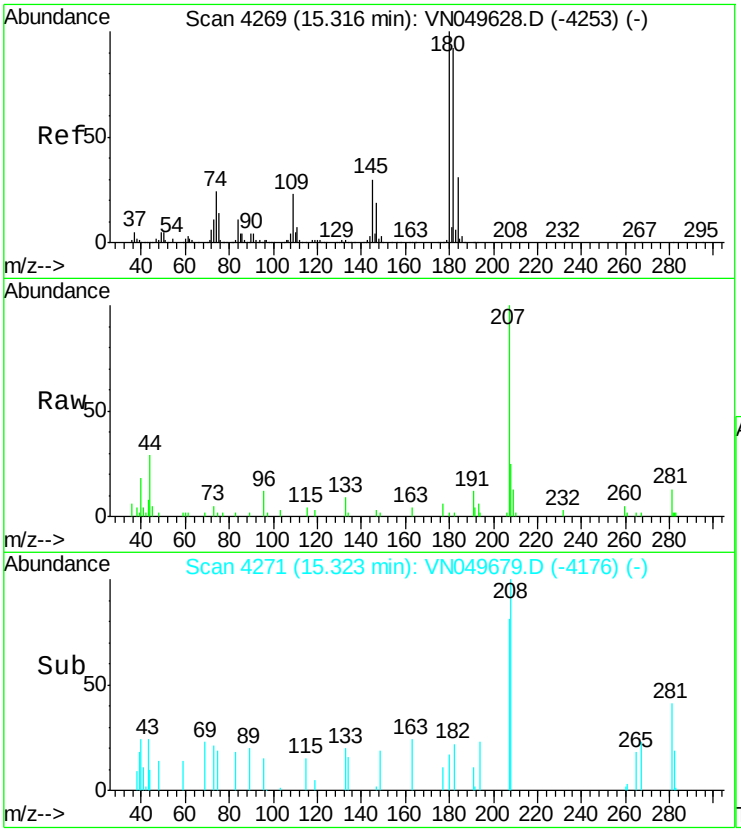


#95
Naphthalene
Concen: 4.07 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Tgt Ion:128 Resp: 820

Ion	Ratio	Lower	Upper
128	100		
127	7.2	10.4	15.6#
129	0.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 1.66 ug/l
RT: 15.32 min Scan# 4271
Delta R.T. 0.01 min
Lab File: VN049679.D
Acq: 2 Jul 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
PB110744 ZHE#06

Tgt Ion:180 Resp: 99

Ion	Ratio	Lower	Upper
180	100		
182	122.2	47.4	142.2
145	0.0	15.2	45.6#